

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029264.D
 Acq On : 15 Oct 2017 18:14
 Operator : SJ/JU
 Sample : I5548-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.472	27	31	39	rVB6	15275	30122	0.56%	0.032%
2	3.554	41	45	56	rVB	27677	52492	0.98%	0.056%
3	3.825	87	91	101	rVB	12143	28689	0.54%	0.031%
4	4.089	130	136	142	rBV	30893	46345	0.87%	0.050%
5	7.144	647	656	665	rBV3	29540	63635	1.19%	0.068%
6	7.321	677	686	703	rVB2	434790	861283	16.13%	0.925%
7	7.491	703	715	726	rBV	369267	611519	11.45%	0.656%
8	7.702	742	751	760	rBV	459997	766192	14.35%	0.823%
9	8.172	822	831	846	rVB	635461	1110165	20.79%	1.192%
10	8.872	942	950	960	rVV	474410	809958	15.17%	0.870%
11	9.336	1016	1029	1037	rBV	429338	783637	14.68%	0.841%
12	9.442	1042	1047	1052	rVV2	31093	55486	1.04%	0.060%
13	10.064	1143	1153	1166	rBV	370671	647854	12.13%	0.695%
14	10.605	1237	1245	1257	rBV	577686	1023197	19.17%	1.098%
15	10.993	1301	1311	1325	rVB	926091	1701133	31.86%	1.826%
16	11.116	1325	1332	1351	rBV	183372	410839	7.70%	0.441%
17	11.639	1411	1421	1429	rBV2	99797	193773	3.63%	0.208%
18	12.632	1585	1590	1596	rVB	18728	28815	0.54%	0.031%
19	13.161	1673	1680	1686	rVB5	21689	39652	0.74%	0.043%
20	13.402	1716	1721	1725	rBV	33540	50572	0.95%	0.054%
21	13.578	1746	1751	1755	rBV3	39550	65285	1.22%	0.070%
22	13.678	1764	1768	1776	rVB6	15023	37966	0.71%	0.041%
23	14.118	1838	1843	1848	rVV8	19839	32462	0.61%	0.035%
24	14.189	1848	1855	1859	rVV	1007686	1486710	27.85%	1.596%
25	14.236	1859	1863	1871	rVB	490369	704172	13.19%	0.756%
26	14.442	1892	1898	1900	rBV2	35268	55378	1.04%	0.059%
27	14.489	1900	1906	1914	rVV	1182205	1861903	34.88%	1.999%
28	14.671	1934	1937	1943	rVB	31523	42923	0.80%	0.046%
29	14.794	1945	1958	1965	rBV2	1374514	2263311	42.39%	2.430%
30	14.853	1965	1968	1976	rVB4	28653	44452	0.83%	0.048%
31	14.970	1981	1988	1996	rBV	306658	498694	9.34%	0.535%
32	15.117	2008	2013	2019	rVB6	29818	52332	0.98%	0.056%
33	15.182	2019	2024	2031	rBV5	41806	70231	1.32%	0.075%
34	15.570	2084	2090	2095	rBV8	20761	50388	0.94%	0.054%

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35	15.623	2095	2099	2104	rVB	54235	68999	1.29%	0.074%
36	15.781	2117	2126	2132	rBV	1398595	2213336	41.46%	2.376%
37	15.887	2139	2144	2153	rVB	318969	465569	8.72%	0.500%
38	16.016	2160	2166	2172	rBV6	34685	75474	1.41%	0.081%
39	16.345	2216	2222	2230	rVB10	26501	57993	1.09%	0.062%
40	16.480	2241	2245	2256	rVB3	71293	147041	2.75%	0.158%
41	16.903	2311	2317	2326	rVB3	18629	40679	0.76%	0.044%
42	17.180	2360	2364	2369	rBV2	24191	37065	0.69%	0.040%
43	17.268	2374	2379	2384	rBV2	64322	89459	1.68%	0.096%
44	17.403	2398	2402	2405	rBV4	30401	36906	0.69%	0.040%
45	17.473	2410	2414	2417	rVB5	23600	29776	0.56%	0.032%
46	17.532	2417	2424	2428	rBV2	1616330	2531360	47.41%	2.717%
47	17.573	2428	2431	2435	rVV	310531	429148	8.04%	0.461%
48	17.626	2435	2440	2452	rVV	1366302	2214208	41.47%	2.377%
49	17.720	2452	2456	2465	rVB9	18733	45389	0.85%	0.049%
50	17.926	2481	2491	2496	rBV3	35115	90763	1.70%	0.097%
51	18.008	2501	2505	2508	rBV2	41325	48935	0.92%	0.053%
52	18.178	2531	2534	2542	rVB5	28409	34363	0.64%	0.037%
53	18.284	2547	2552	2556	rBV7	22384	35954	0.67%	0.039%
54	18.343	2558	2562	2566	rVB6	22206	32865	0.62%	0.035%
55	18.402	2566	2572	2577	rBV	756407	997439	18.68%	1.071%
56	18.449	2578	2580	2589	rVB2	84051	157559	2.95%	0.169%
57	18.590	2599	2604	2609	rBV3	68886	140355	2.63%	0.151%
58	18.695	2617	2622	2624	rBV	99728	123884	2.32%	0.133%
59	18.731	2624	2628	2641	rVB	242521	436758	8.18%	0.469%
60	18.889	2650	2655	2659	rBV3	44350	73392	1.37%	0.079%
61	18.930	2659	2662	2671	rVB	66225	94020	1.76%	0.101%
62	19.318	2722	2728	2733	rBV3	117382	165783	3.11%	0.178%
63	19.395	2738	2741	2746	rVB2	44428	62831	1.18%	0.067%
64	19.448	2746	2750	2758	rVB3	39867	71499	1.34%	0.077%
65	19.571	2758	2771	2778	rBV	693750	1258335	23.57%	1.351%
66	19.659	2782	2786	2800	rBV2	419126	679590	12.73%	0.730%
67	19.806	2805	2811	2819	rBV	1888116	2274404	42.60%	2.442%
68	19.900	2821	2827	2839	rVB3	1725794	4084678	76.51%	4.385%
69	20.223	2878	2882	2885	rBV2	66737	101922	1.91%	0.109%
70	20.417	2905	2915	2923	rVB2	387046	619161	11.60%	0.665%
71	20.846	2983	2988	2992	rBV	1865940	2060015	38.59%	2.211%

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72	20.910	2992	2999	3003	rVV2	406990	764456	14.32%	0.821%
73	20.946	3003	3005	3010	rVB	294377	320149	6.00%	0.344%
74	21.099	3029	3031	3033	rBV3	35484	39734	0.74%	0.043%
75	21.128	3033	3036	3042	rVB2	69007	104442	1.96%	0.112%
76	21.269	3057	3060	3066	rVB	74589	108381	2.03%	0.116%
77	21.369	3069	3077	3081	rBV3	135636	389434	7.29%	0.418%
78	21.428	3081	3087	3099	rVB	2371777	3891357	72.89%	4.177%
79	21.522	3100	3103	3116	rVB3	121947	246997	4.63%	0.265%
80	21.674	3125	3129	3137	rVB	753316	1093673	20.49%	1.174%
81	21.804	3142	3151	3156	rBV	1689445	3143750	58.89%	3.375%
82	21.992	3178	3183	3197	rVB2	571480	949802	17.79%	1.020%
83	22.238	3222	3225	3230	rVB2	102202	151495	2.84%	0.163%
84	22.638	3284	3293	3309	rBV2	2267318	5338761	100.00%	5.731%
85	23.337	3405	3412	3417	rBV	544497	985952	18.47%	1.058%
86	23.695	3466	3473	3487	rVB	1004572	1971571	36.93%	2.117%
87	24.066	3529	3536	3544	rBV4	171609	547303	10.25%	0.588%
88	24.177	3547	3555	3559	rBV	1231484	2566864	48.08%	2.756%
89	24.236	3559	3565	3586	rVB	2035626	5073936	95.04%	5.447%
90	24.894	3669	3677	3685	rBV2	659913	1771752	33.19%	1.902%
91	25.135	3706	3718	3733	rBV4	1043354	4257664	79.75%	4.571%
92	25.693	3806	3813	3823	rVB3	216175	557965	10.45%	0.599%
93	26.339	3911	3923	3934	rBV2	1328051	4164215	78.00%	4.470%
94	26.469	3935	3945	3969	rVV2	657557	2538834	47.55%	2.725%
95	27.755	4153	4164	4179	rVB	604276	2113722	39.59%	2.269%
96	28.566	4294	4302	4315	rVB3	210997	764335	14.32%	0.821%
97	29.459	4442	4454	4478	rVB2	659687	3166766	59.32%	3.400%
98	29.700	4484	4495	4526	rVB5	205411	1254228	23.49%	1.346%
99	30.664	4644	4659	4691	rVB6	754043	4404605	82.50%	4.728%
100	31.527	4794	4806	4829	rVB4	330317	1761180	32.99%	1.891%

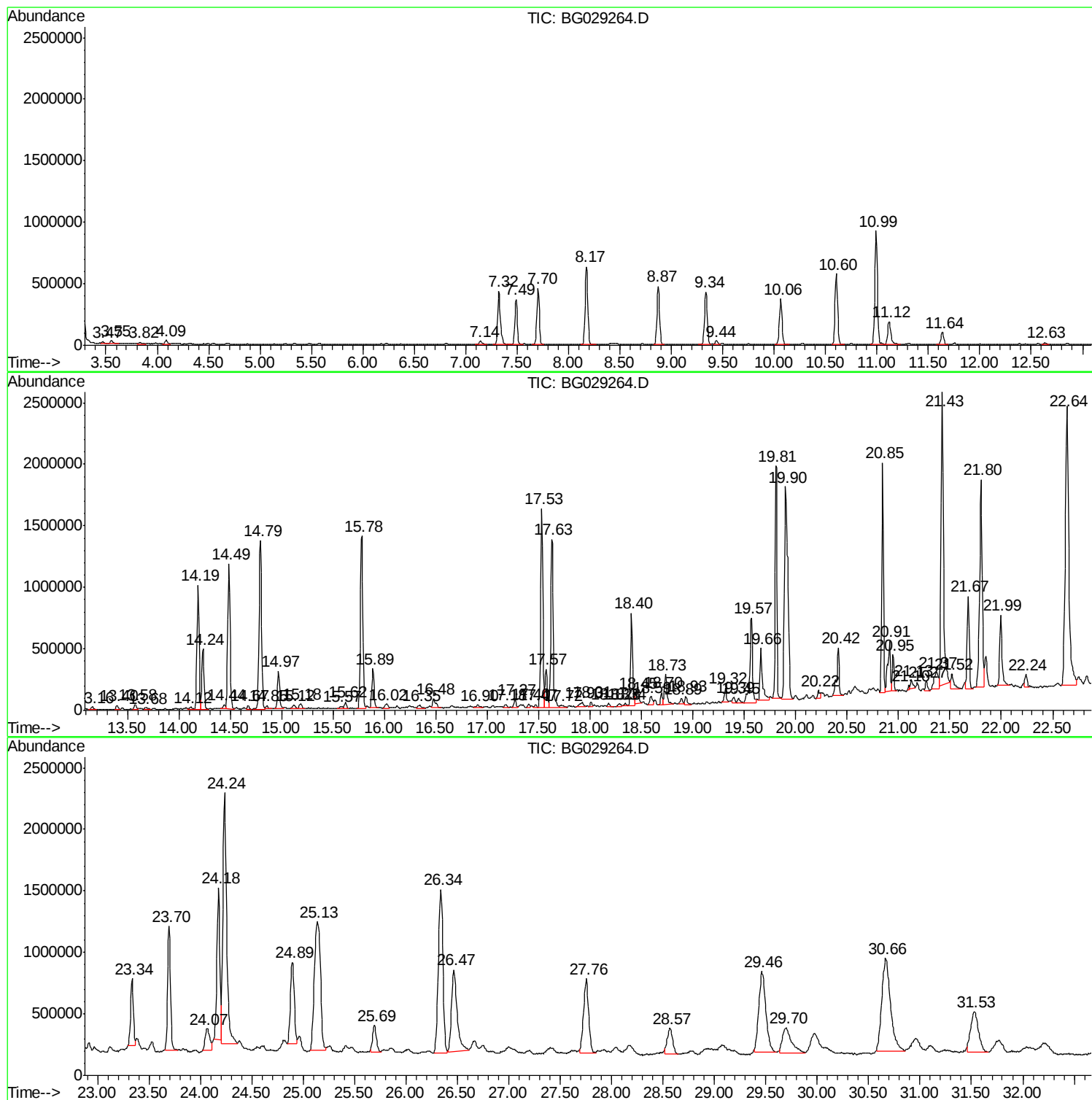
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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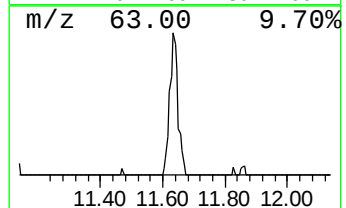
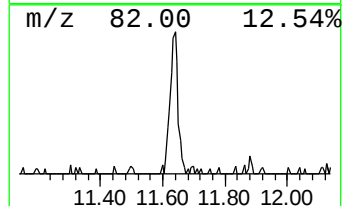
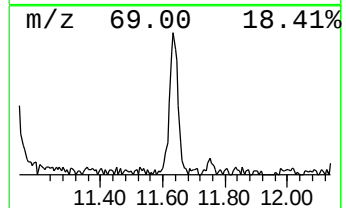
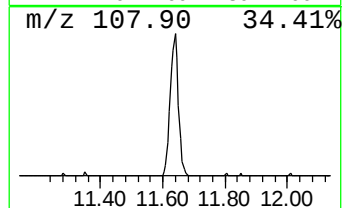
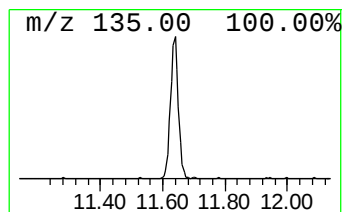
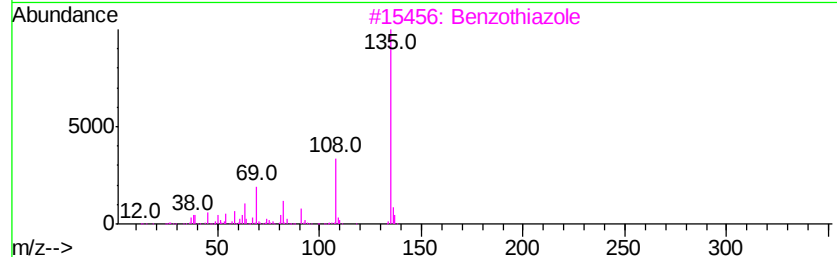
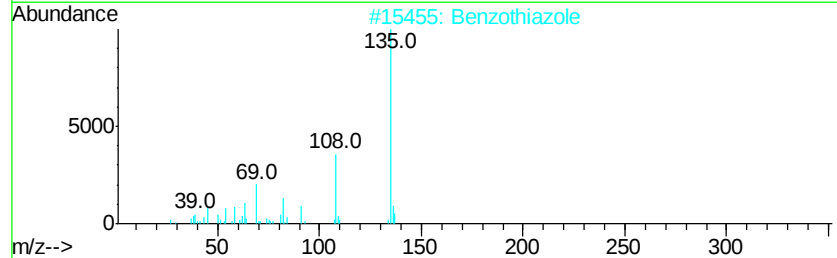
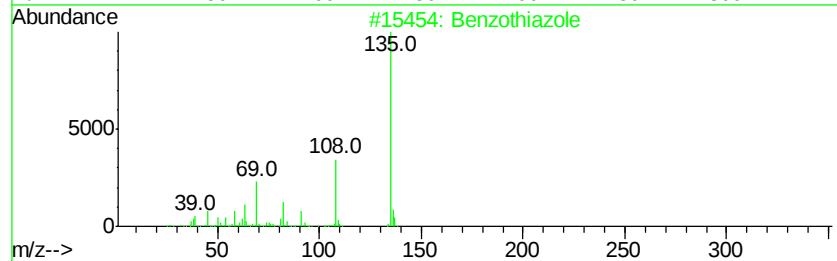
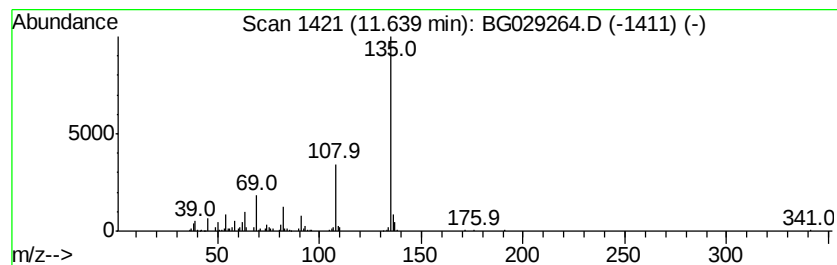
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzothiazole Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.28 ng/ul	193773	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzothiazole	135	C7H5NS	000095-16-9	95
2		Benzothiazole	135	C7H5NS	000095-16-9	95
3		Benzothiazole	135	C7H5NS	000095-16-9	94
4		1,2-Benzisothiazole	135	C7H5NS	000272-16-2	91
5		3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	80



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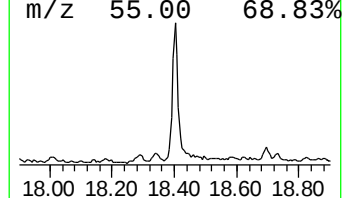
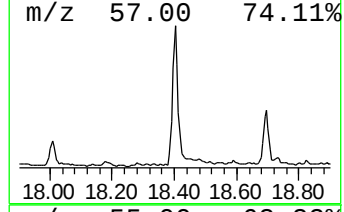
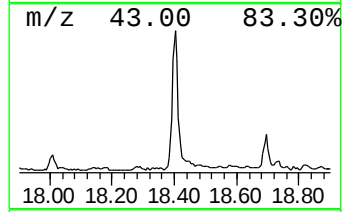
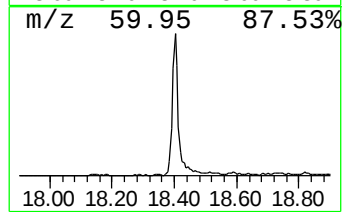
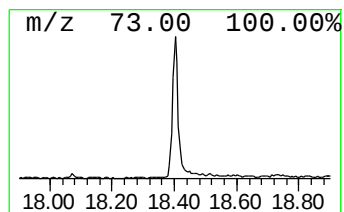
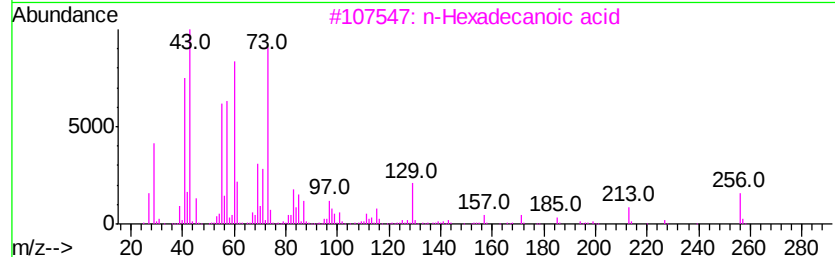
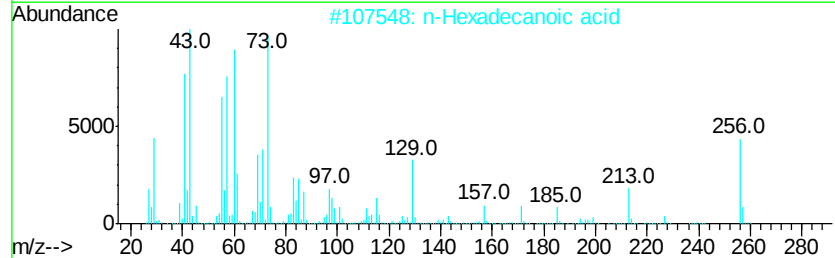
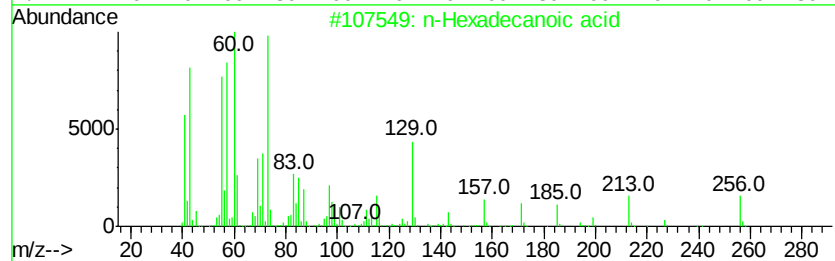
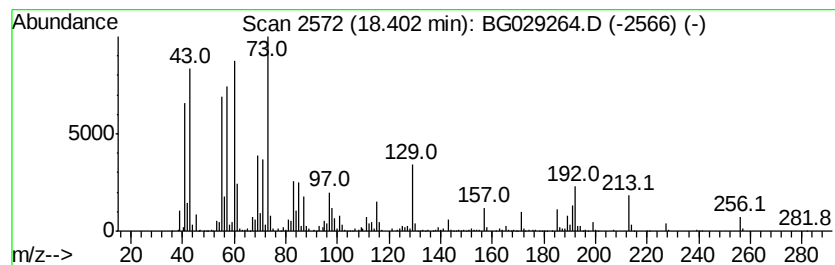
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.40	7.88 ng/ul	997439	Phenanthrene-d10		17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Tridecanoic acid	214	C13H26O2	000638-53-9	92
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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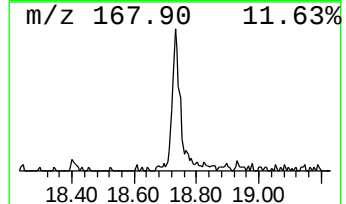
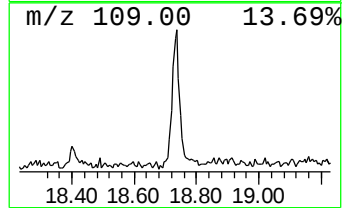
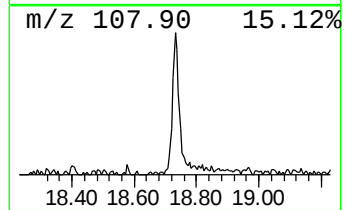
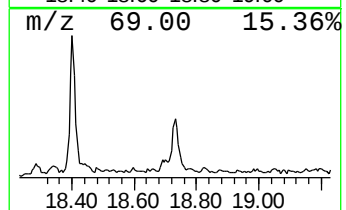
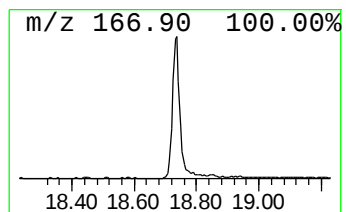
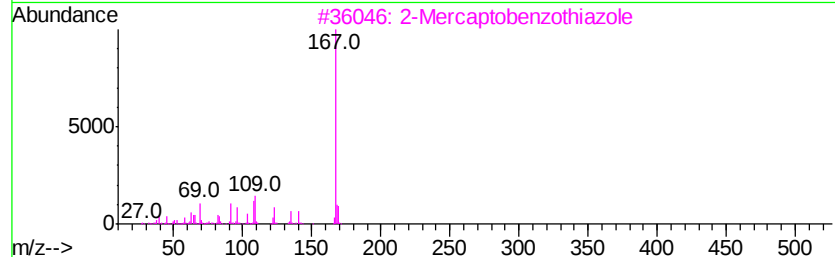
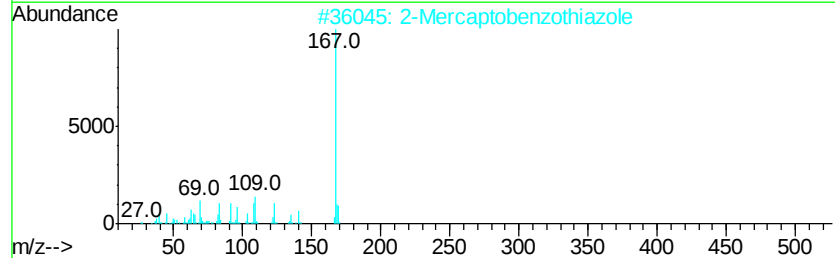
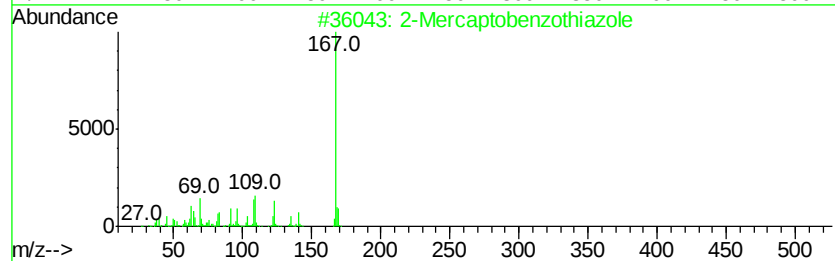
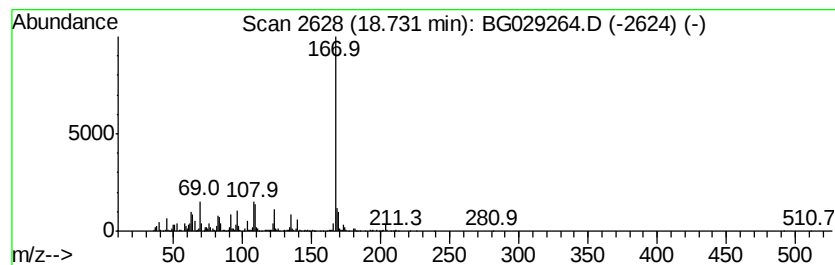
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Peak Number 3 2-Mercaptobenzothiazole Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.45 ng/ul	436758	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	95
2		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
3		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
4		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
5		1,3-Di(2-benzothiazolyl)-1,3-bis...	418	C17H14N4OS4	064216-20-2	83



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Operator : SJ/JU
Sample : I5548-10
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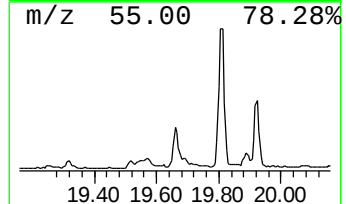
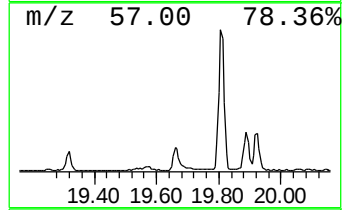
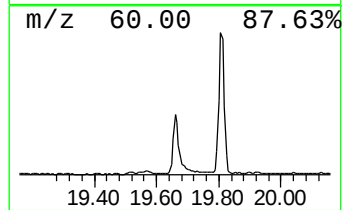
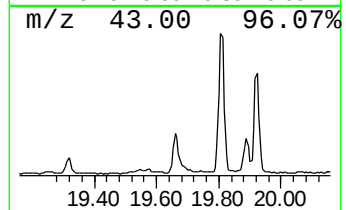
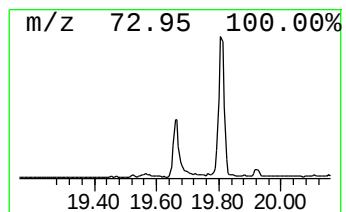
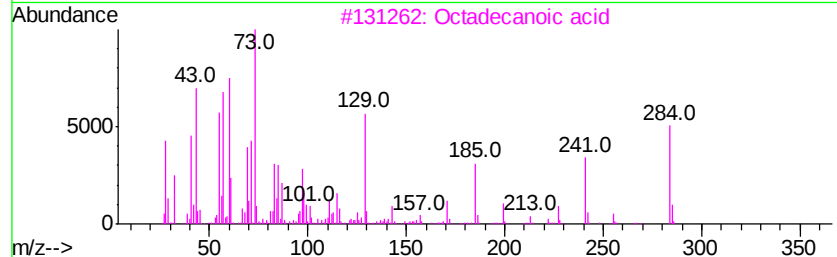
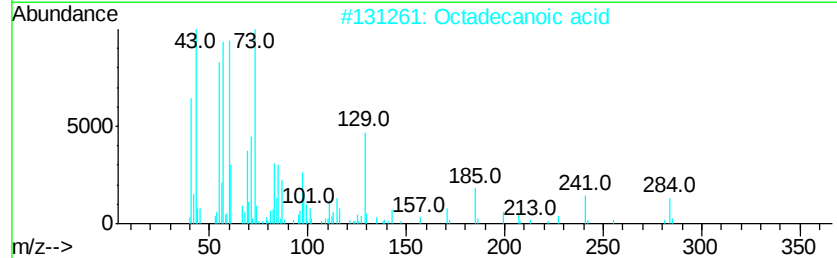
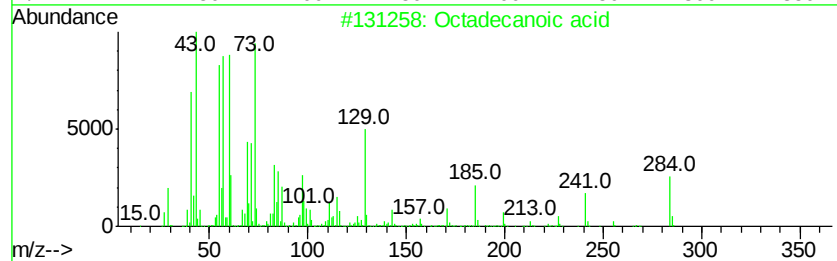
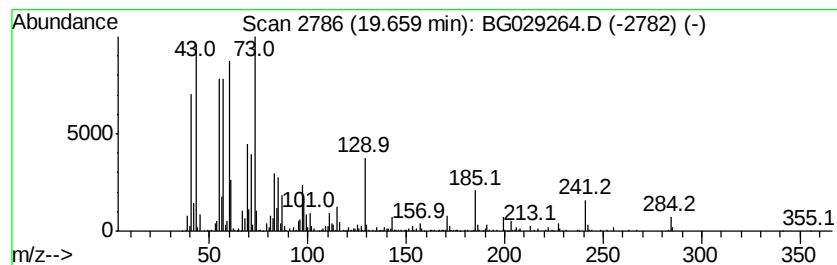
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.66	5.37 ng/ul	679590	Phenanthrene-d10		17.53		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	99
5			Octadecanoic acid	284	C18H36O2	000057-11-4	96



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
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Instrument :
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ClientSampleId :
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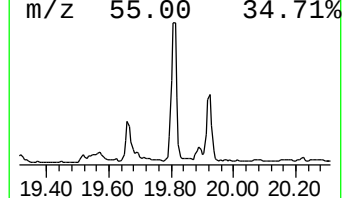
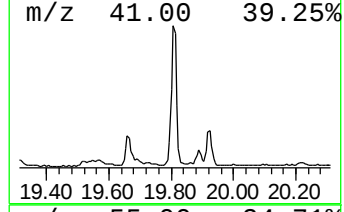
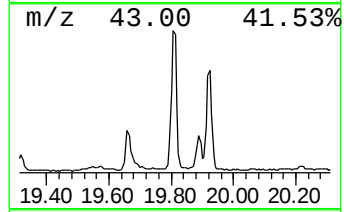
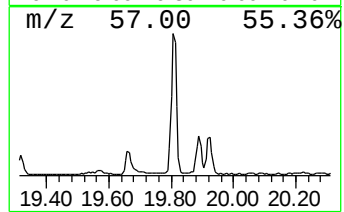
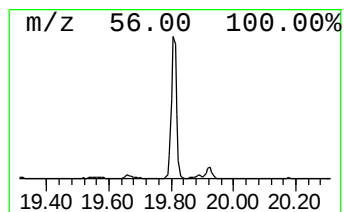
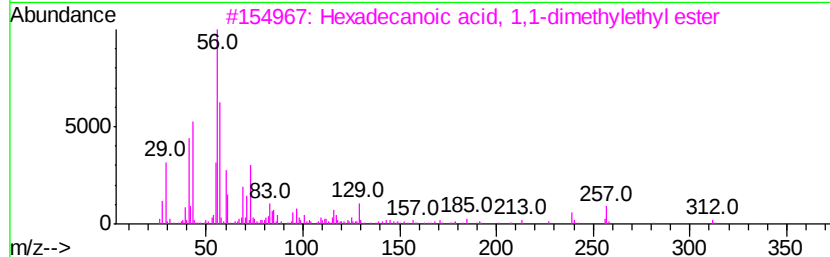
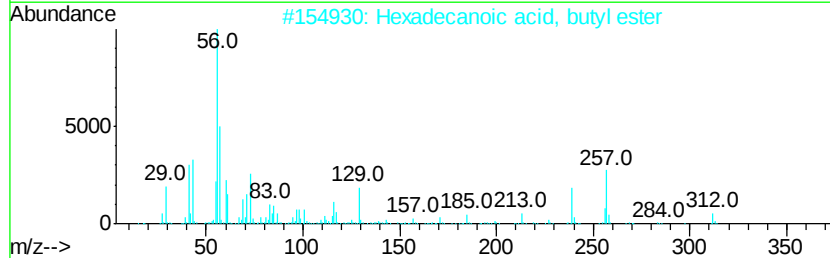
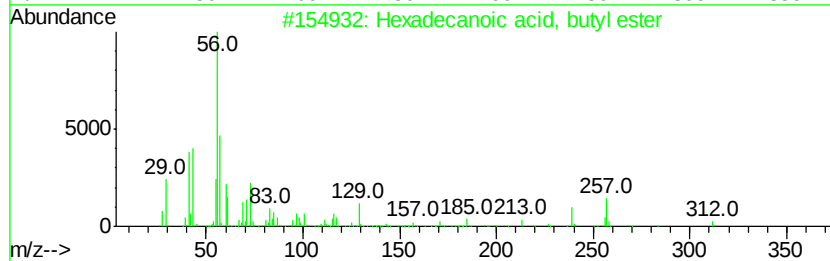
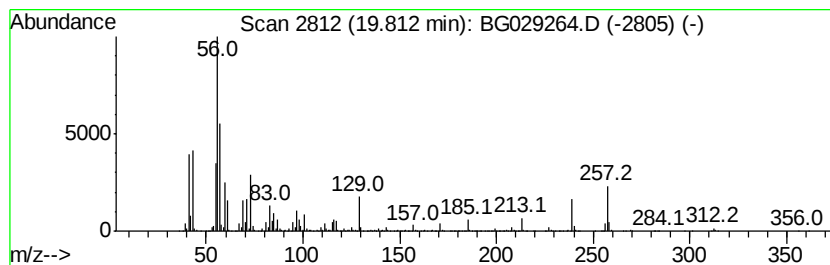
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	14.47 ng/ul	2274400	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
5		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
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Sample : I5548-10
Misc :
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Instrument :
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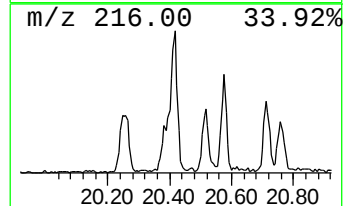
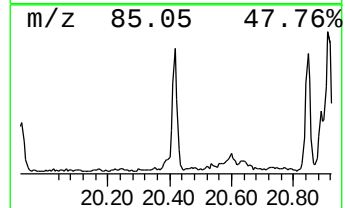
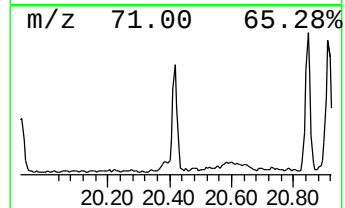
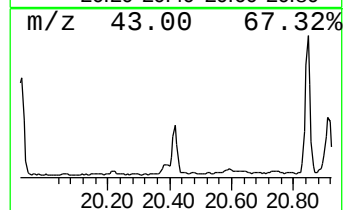
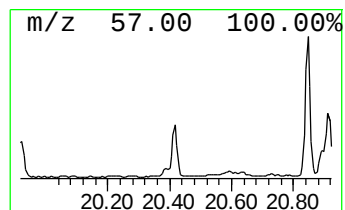
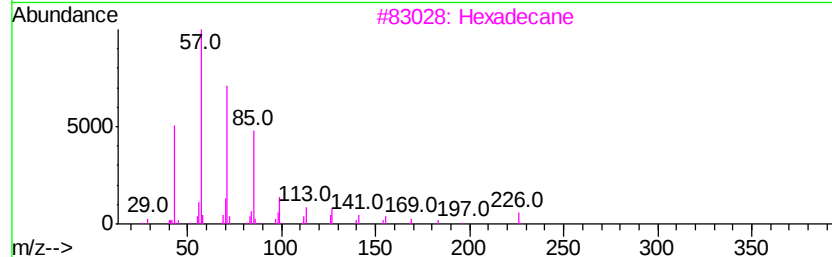
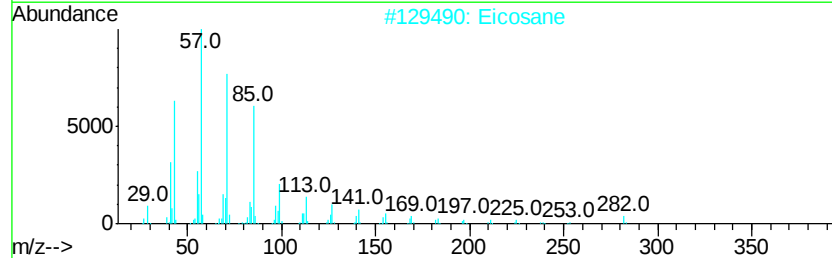
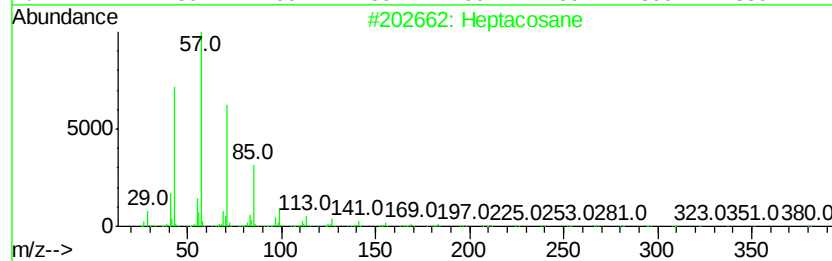
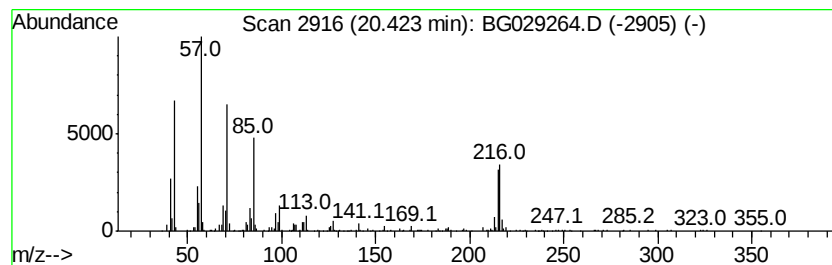
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	3.94 ng/ul	619161	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	95
2			Eicosane	282	C20H42	000112-95-8	95
3			Hexadecane	226	C16H34	000544-76-3	87
4			Octacosane	394	C28H58	000630-02-4	70
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
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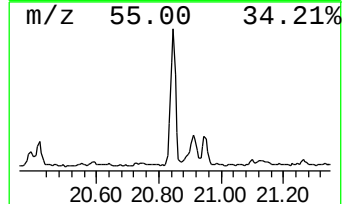
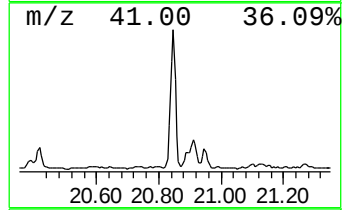
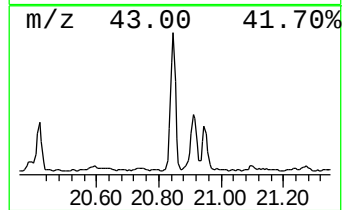
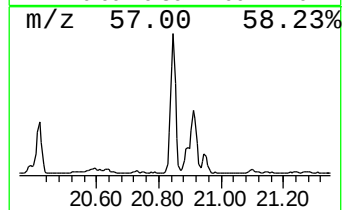
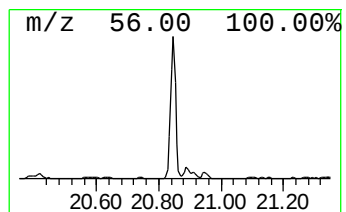
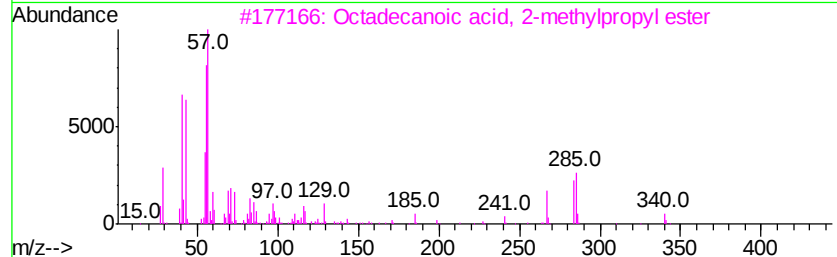
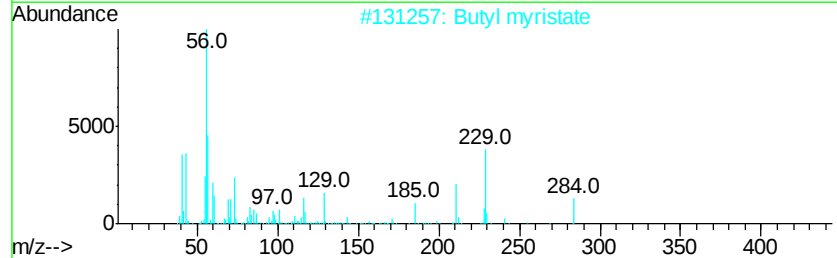
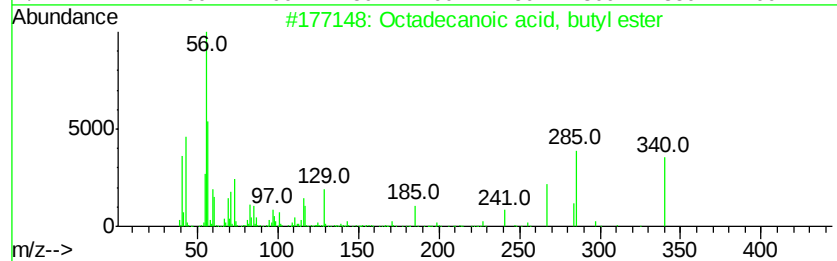
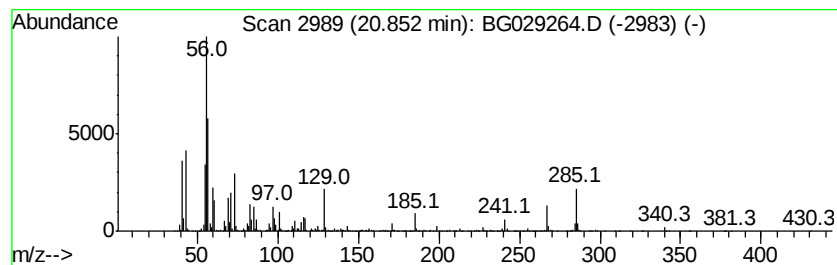
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	13.11 ng/ul	2060020	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Butyl myristate	284	C18H36O2	000110-36-1	72
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	43
4		1-Undecene, 5-methyl-	168	C12H24	074630-38-9	32
5		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
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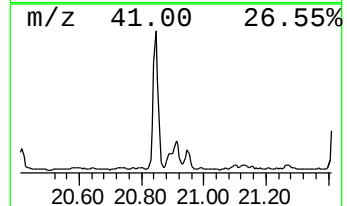
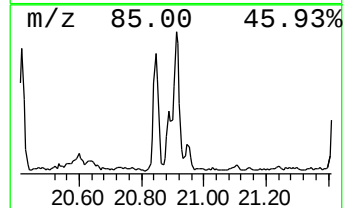
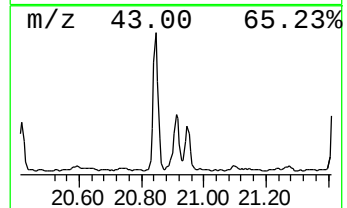
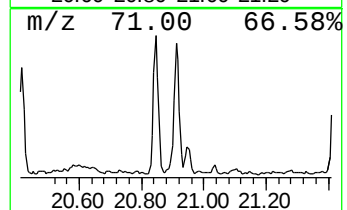
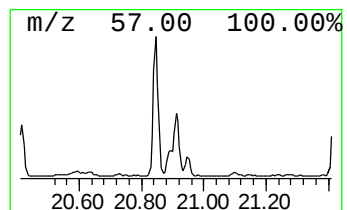
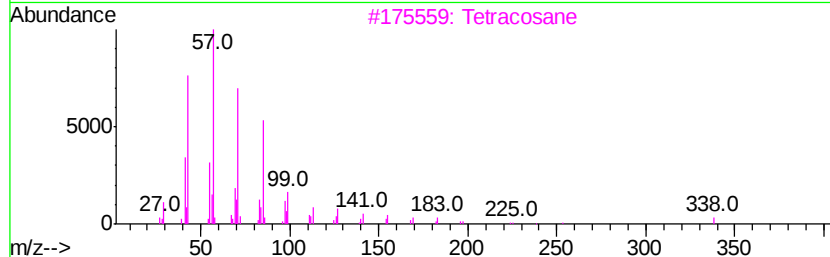
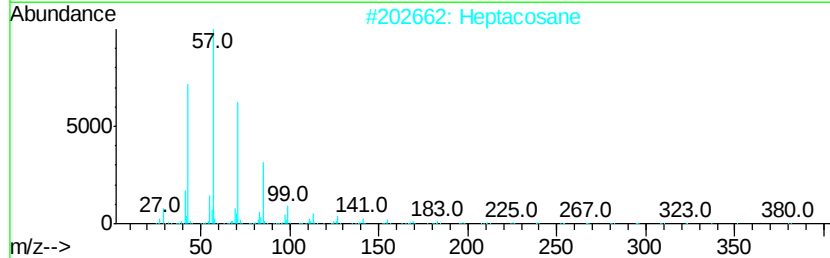
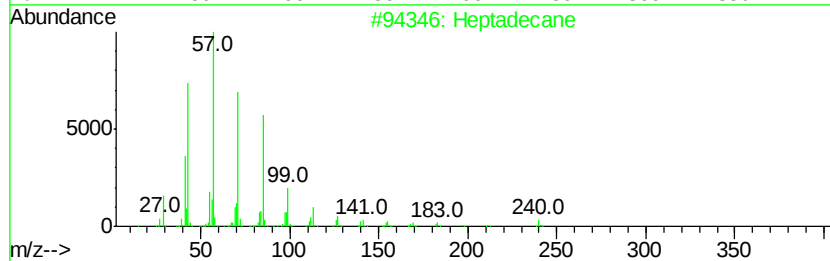
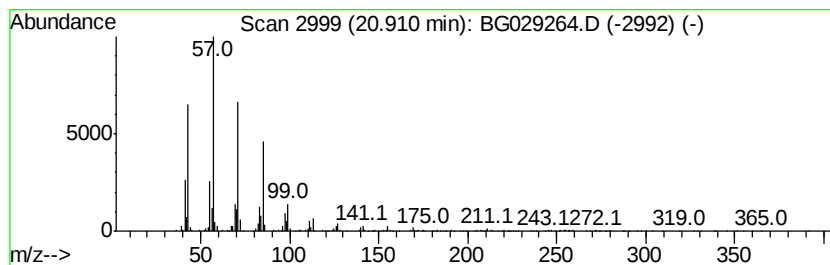
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.86 ng/ul	764456	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Heptacosane	380	C27H56	000593-49-7	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	90
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
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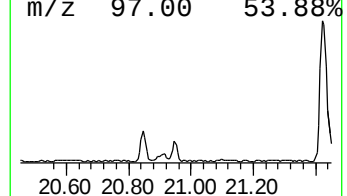
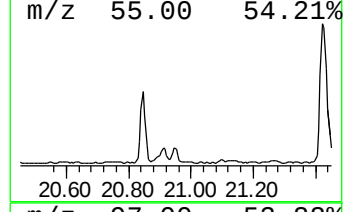
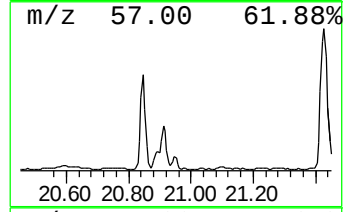
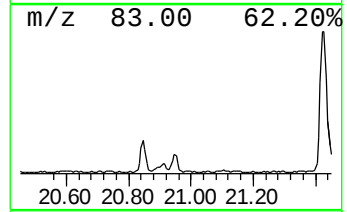
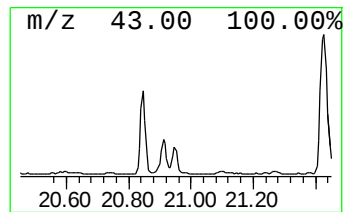
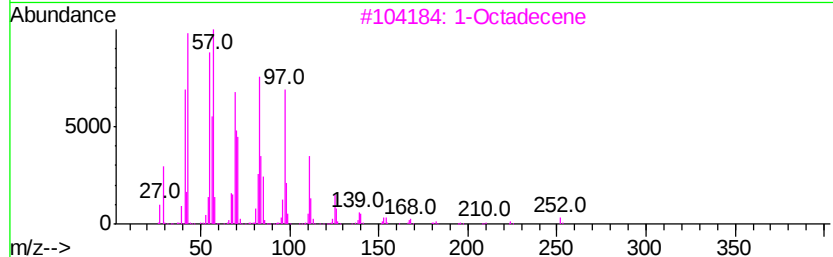
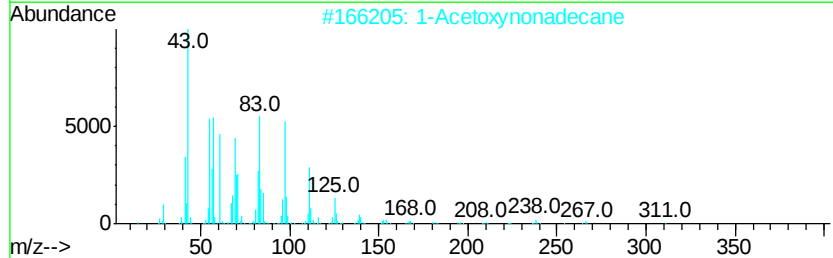
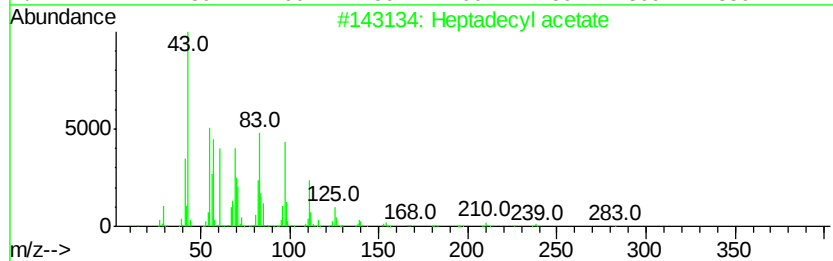
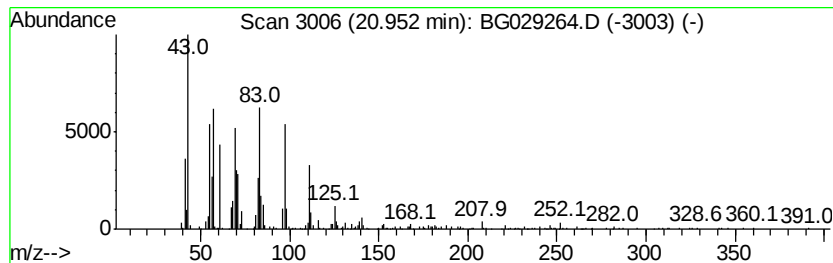
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecyl acetate Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.04 ng/ul	320149	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl acetate	298	C19H38O2	000822-20-8	91
2			1-Acetoxynonadecane	326	C21H42O2	001577-43-1	91
3			1-Octadecene	252	C18H36	000112-88-9	87
4			1-Hexadecanol, acetate	284	C18H36O2	000629-70-9	83
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	81



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
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ClientSampleId :
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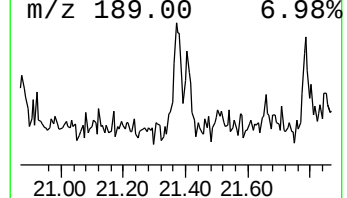
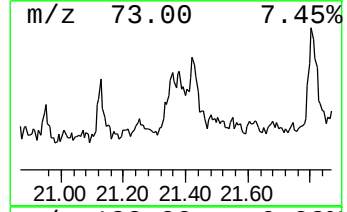
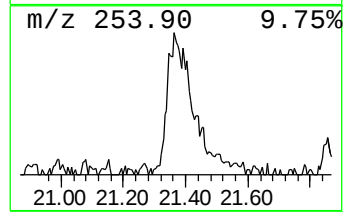
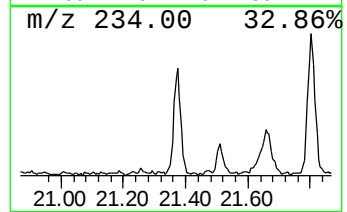
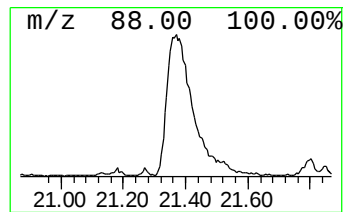
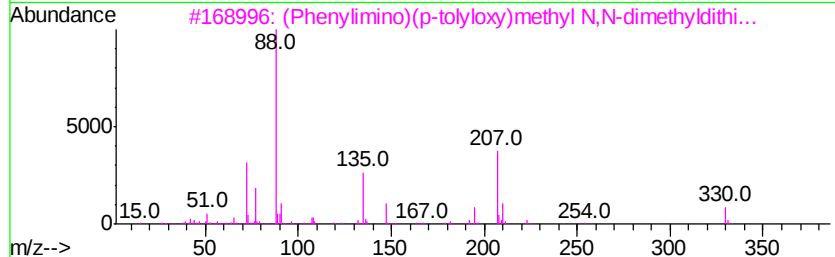
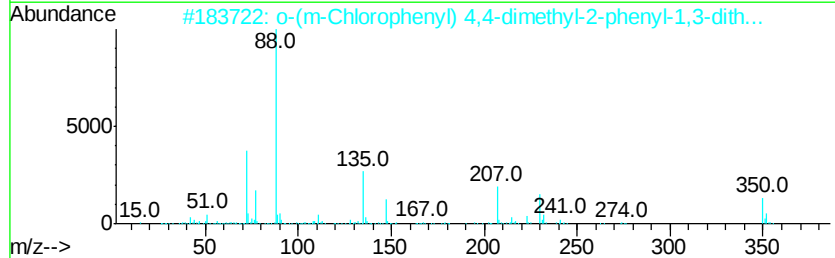
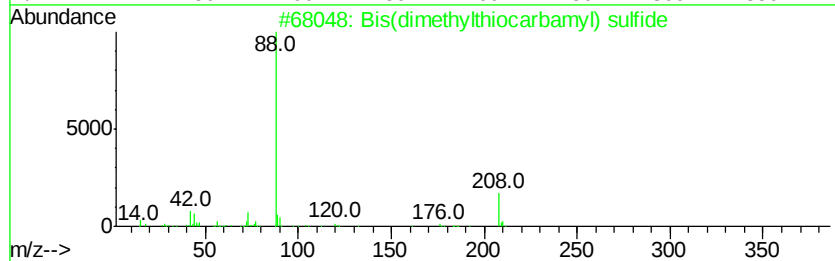
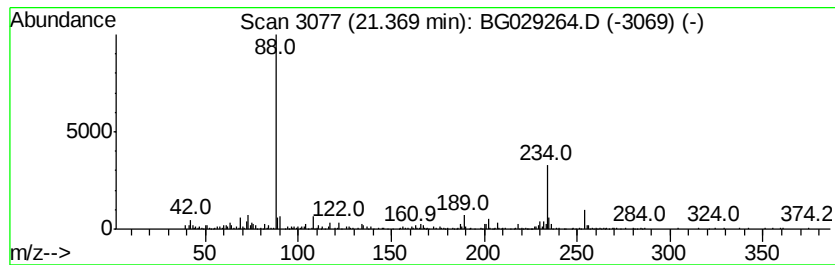
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.48 ng/ul	389434	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bis(dimethylthiocarbamyl) sulfide	208	C6H12N2S3	000097-74-5	43
2		o-(m-Chlorophenyl) 4,4-dimethyl-...	350	C16H15ClN2OS2	010506-40-8	38
3		(Phenylimino)(p-tolylloxymethyl) ...	330	C17H18N2OS2	010506-00-0	37
4		Tetramethylthiuram disulfide	240	C6H12N2S4	000137-26-8	37
5		N,N-Dimethylthiocarbamoyl phenyl...	273	C10H11NS4	019378-01-9	37



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Acq On : 15 Oct 2017 18:14
Operator : SJ/JU
Sample : I5548-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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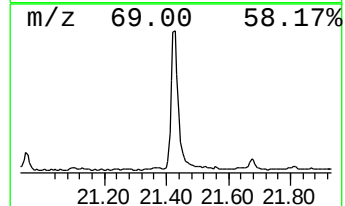
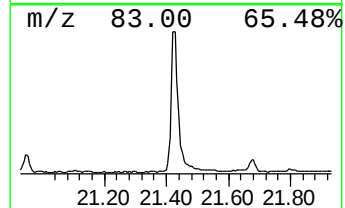
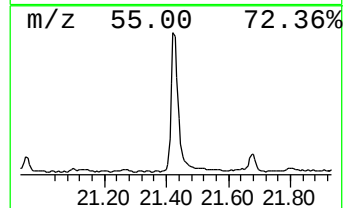
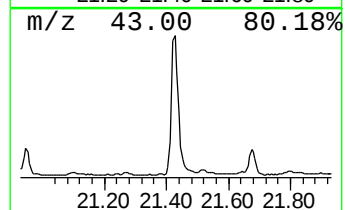
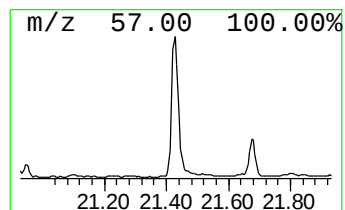
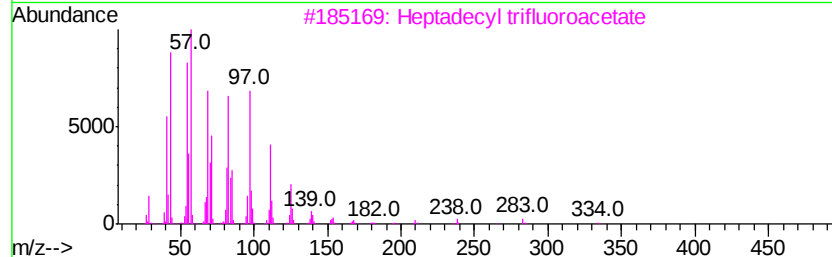
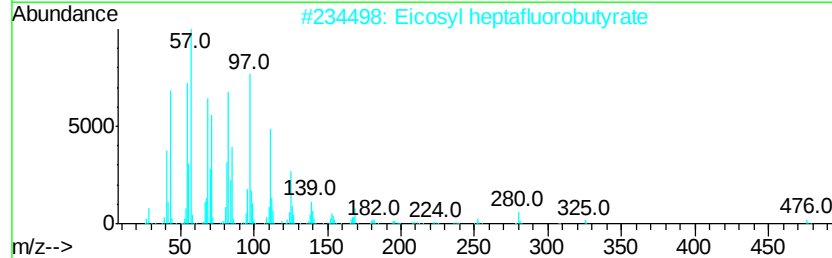
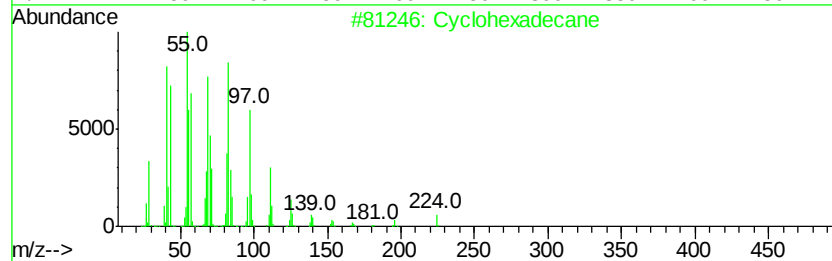
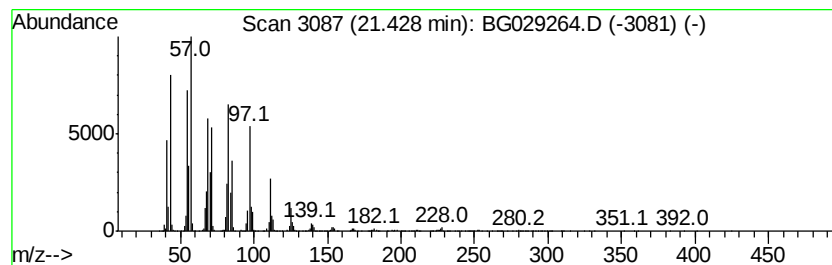
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic21.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	24.76 ng/ul	3891360	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	96
2		Eicosyl heptafluorobutyrte	494	C24H41F7O2	1000351-83-5	91
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



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ClientSampleId :
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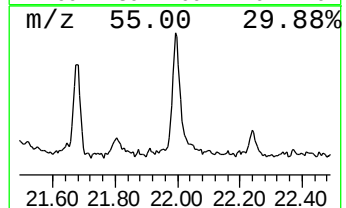
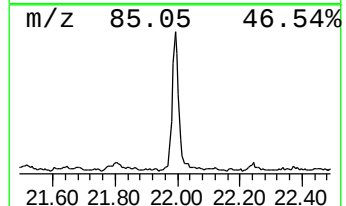
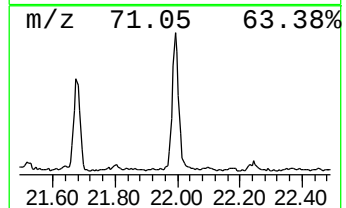
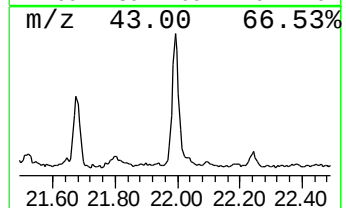
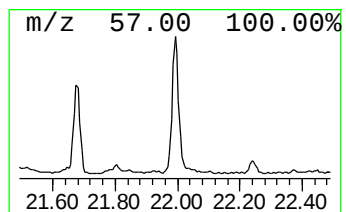
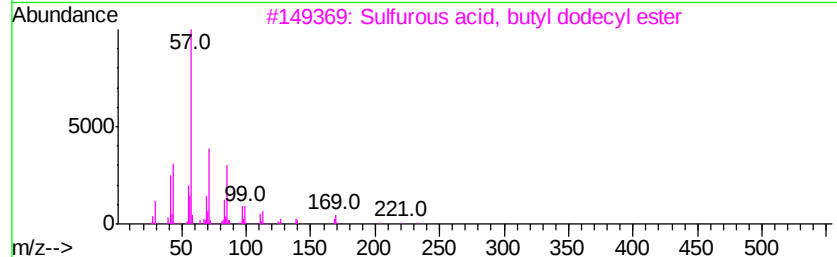
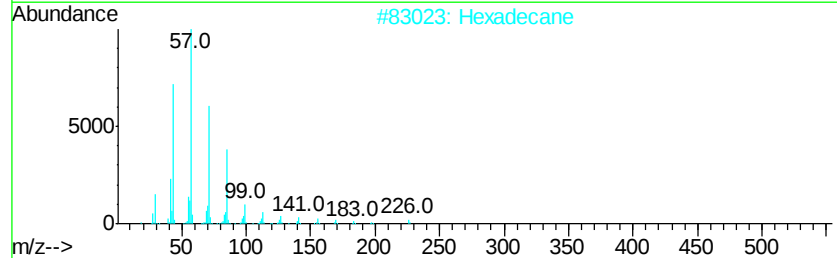
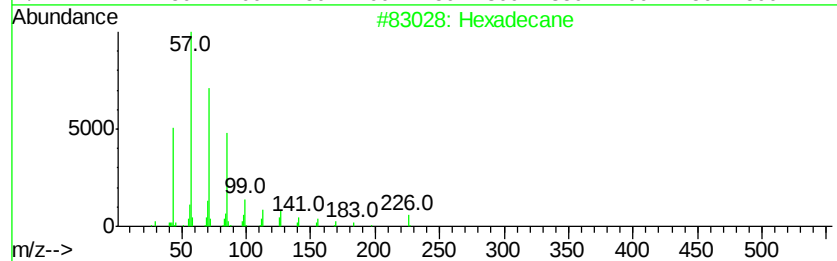
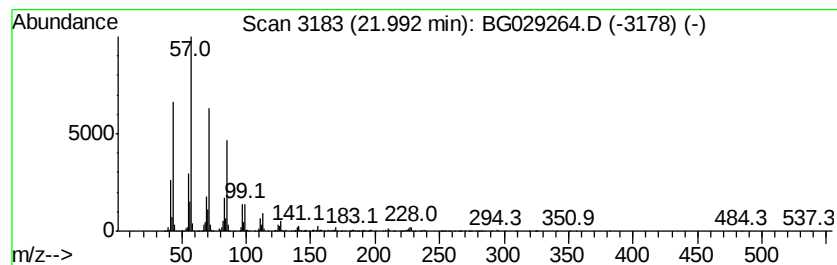
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	6.04 ng/ul	949802	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Hexadecane	226	C16H34	000544-76-3	95
3			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
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ClientSampleId :
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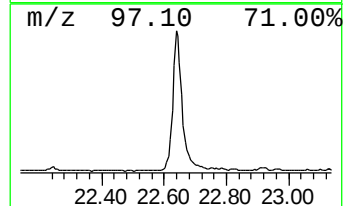
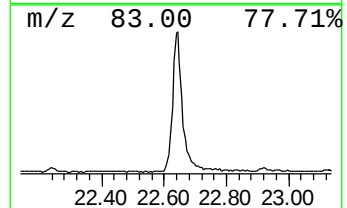
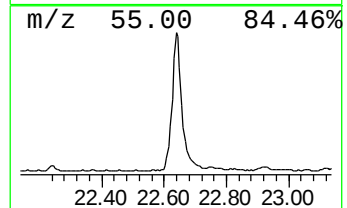
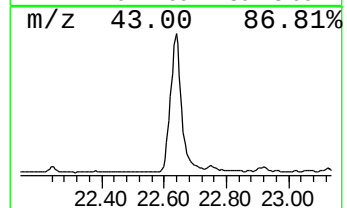
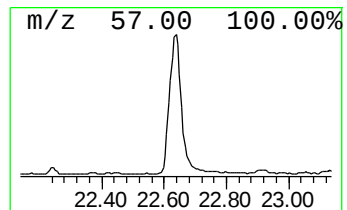
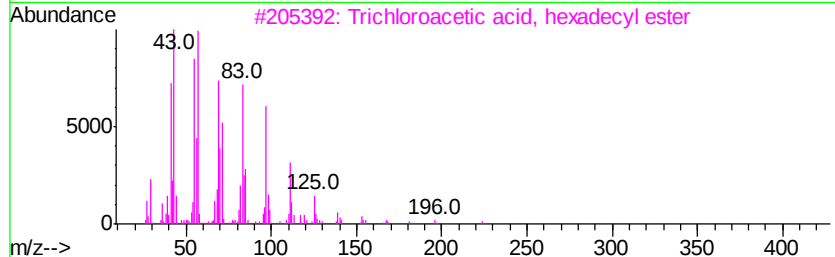
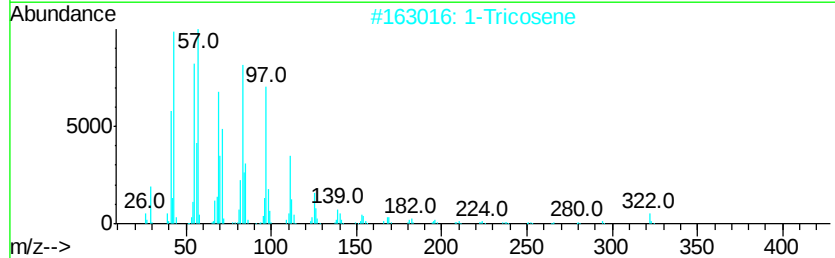
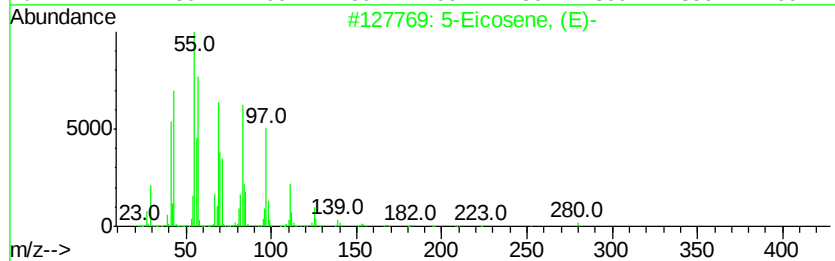
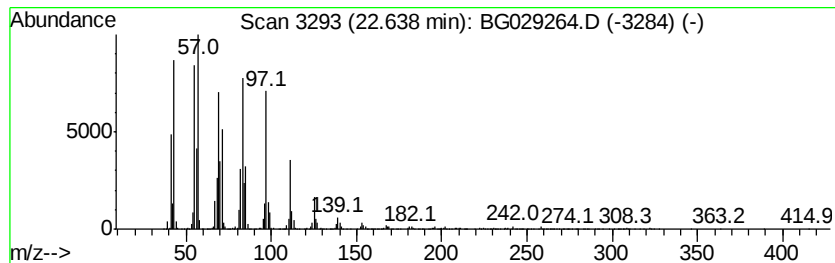
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic22.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	33.96 ng/ul	5338760	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		1-Tricosene	322	C23H46	018835-32-0	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
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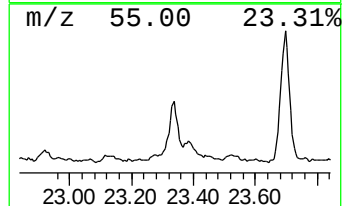
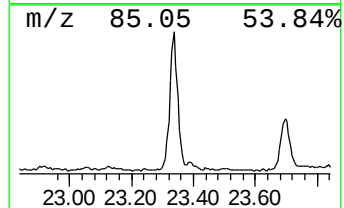
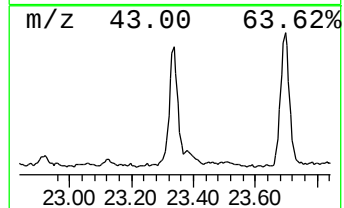
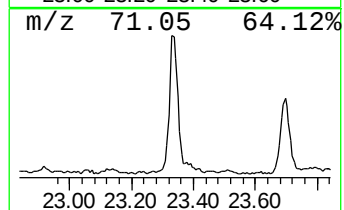
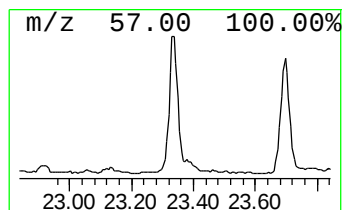
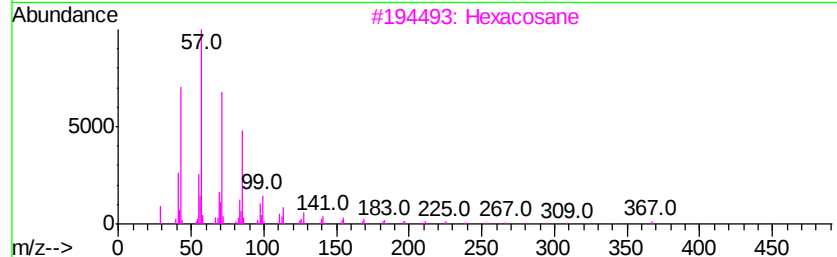
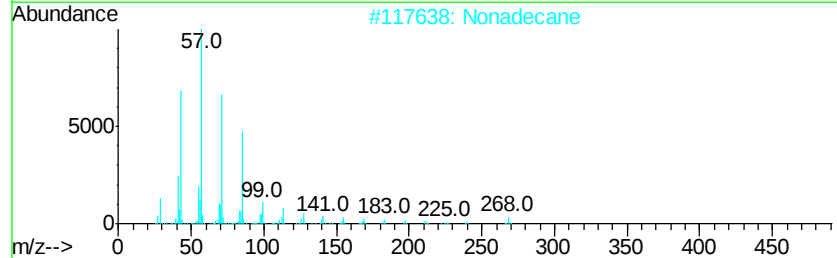
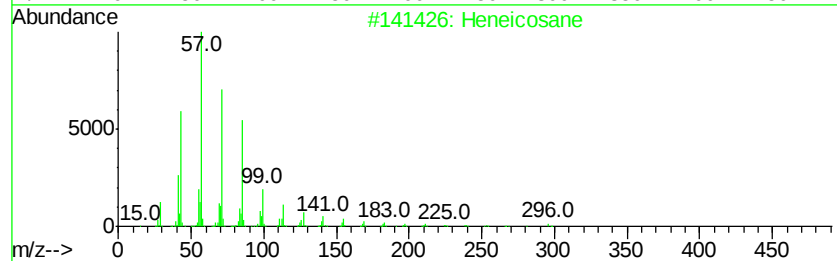
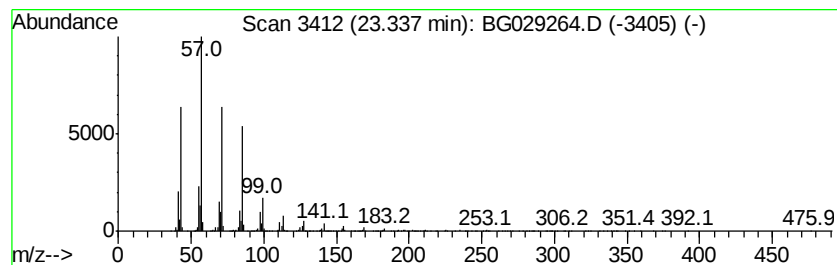
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	6.27 ng/ul	985952	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Nonadecane	268	C19H40	000629-92-5	86
3			Hexacosane	366	C26H54	000630-01-3	80
4			Hexatriacontane	507	C36H74	000630-06-8	80
5			Heptacosane	380	C27H56	000593-49-7	74



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
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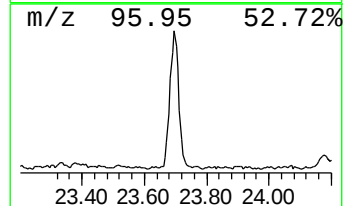
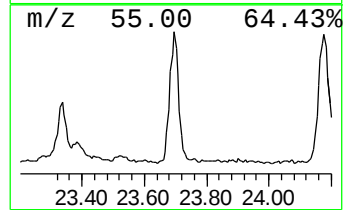
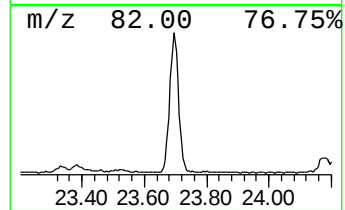
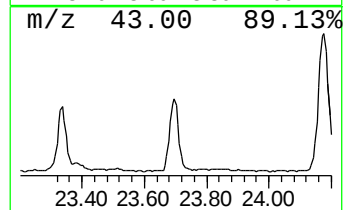
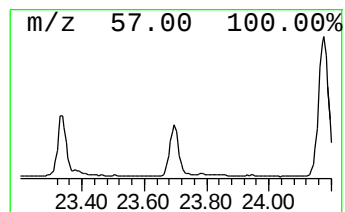
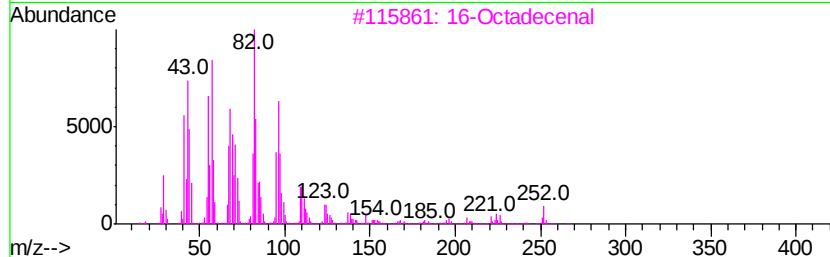
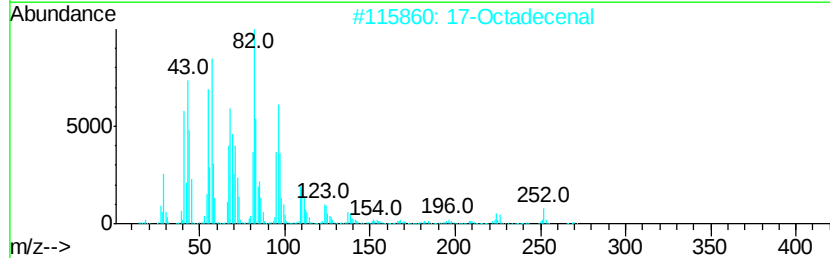
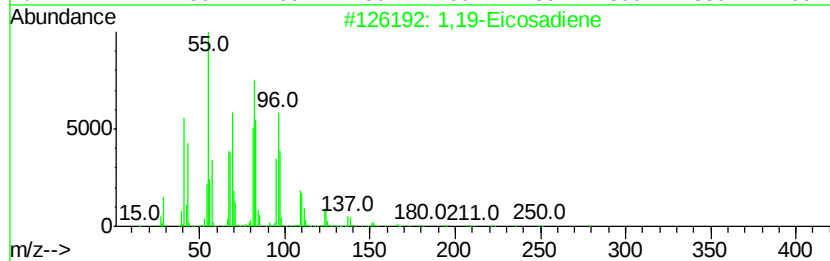
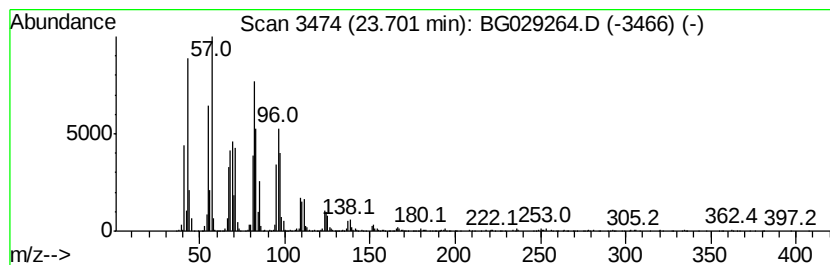
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic23.70 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.70	9.26 ng/ul	1971570	Perylene-d12	25.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	95
2			17-Octadecenal	266	C18H34O	056554-86-0	93
3			16-Octadecenal	266	C18H34O	056554-87-1	93
4			Octadecanal	268	C18H36O	000638-66-4	91
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



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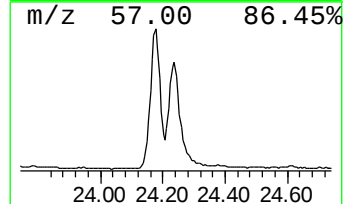
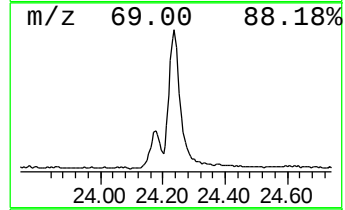
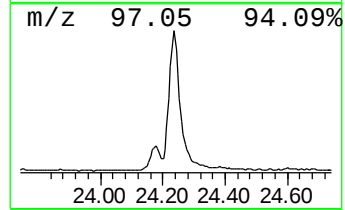
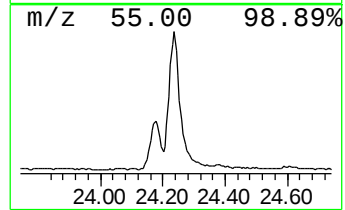
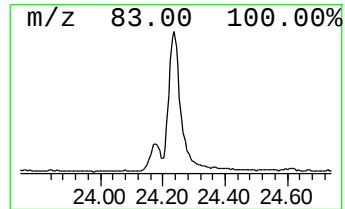
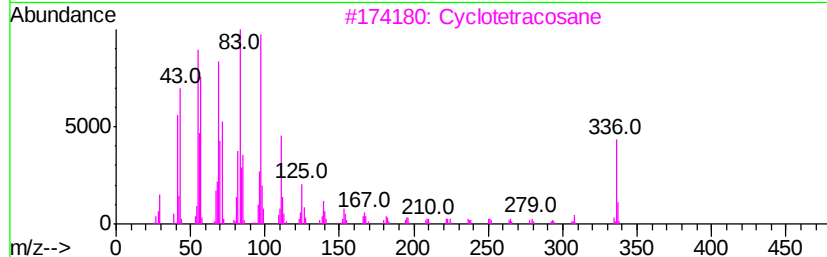
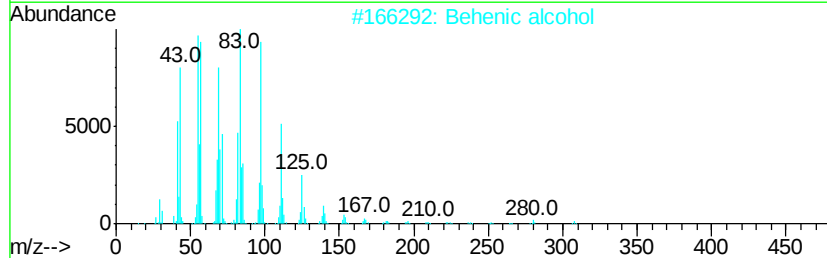
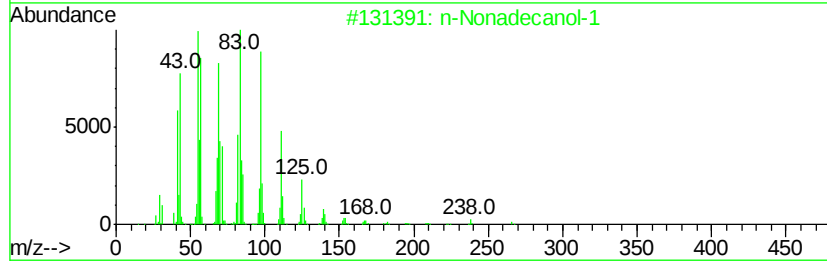
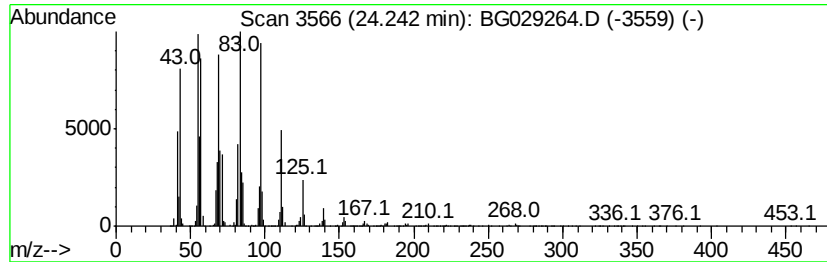
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	23.83 ng/ul	5073940	Perylene-d12	25.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		Cyclotetracosane	336	C24H48	000297-03-0	87
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5		1-Heptacosanol	396	C27H56O	002004-39-9	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId :
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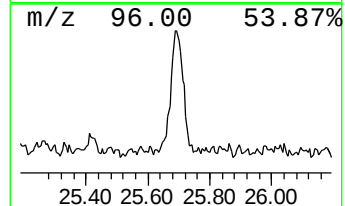
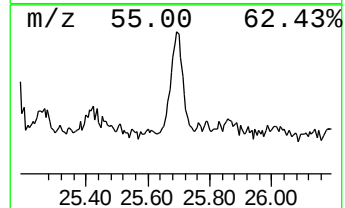
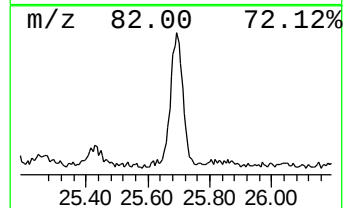
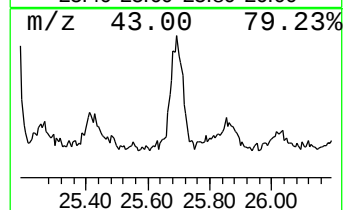
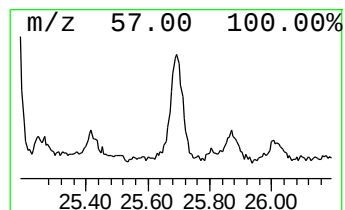
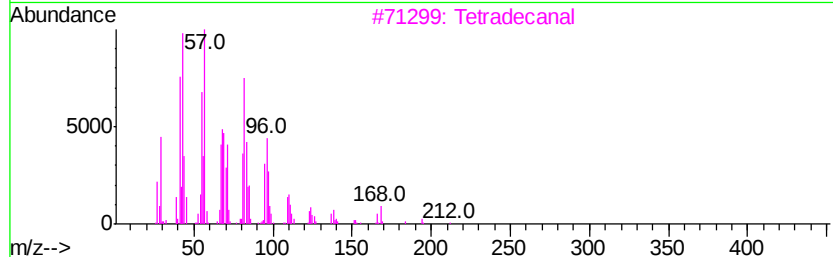
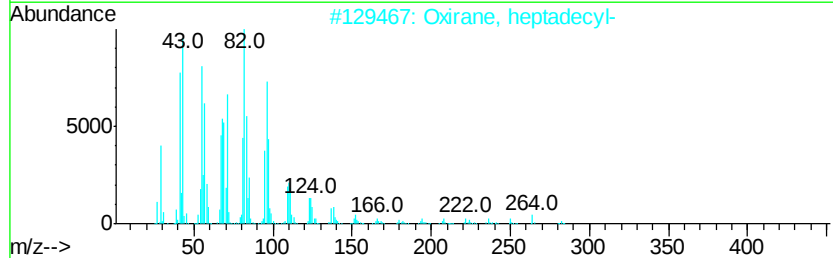
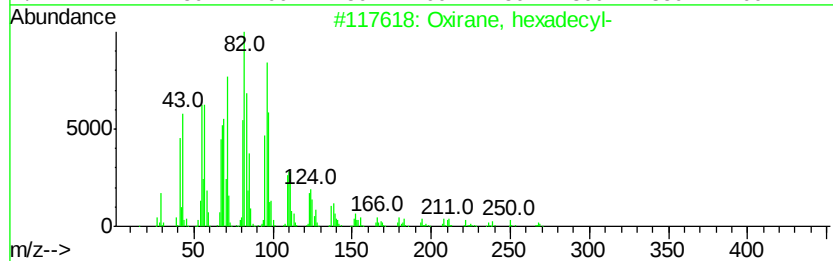
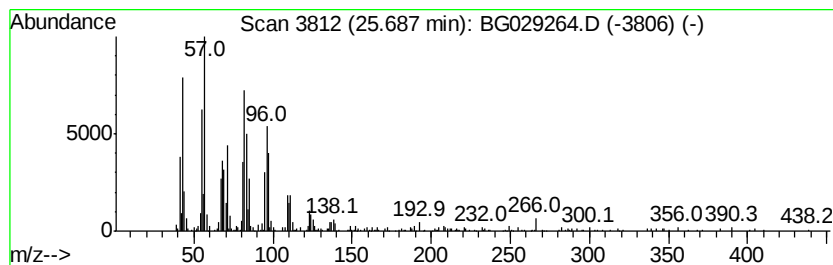
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Oxirane, hexadecyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	2.62 ng/ul	557965	Perylene-d12	25.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
3			Tetradecanal	212	C14H28O	000124-25-4	80
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	80
5			Heptadecanal	254	C17H34O	1000376-70-0	62



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Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
Operator : SJ/JU
Sample : I5548-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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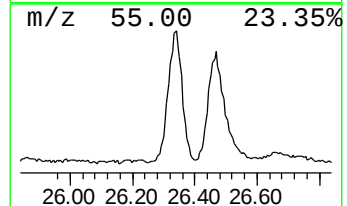
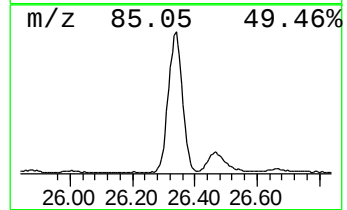
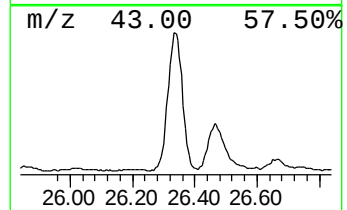
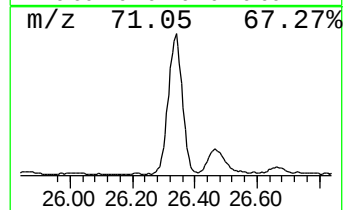
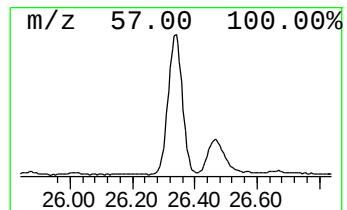
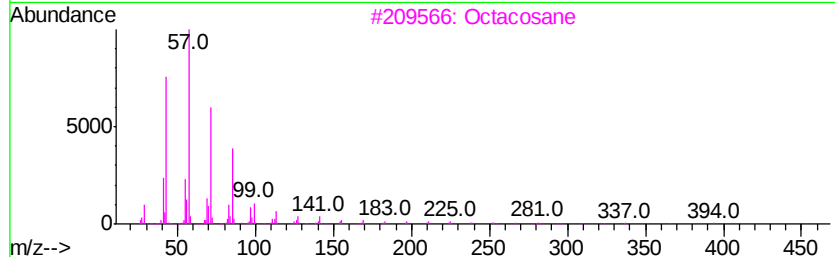
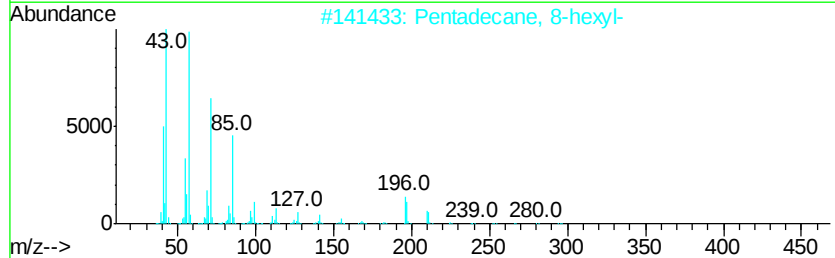
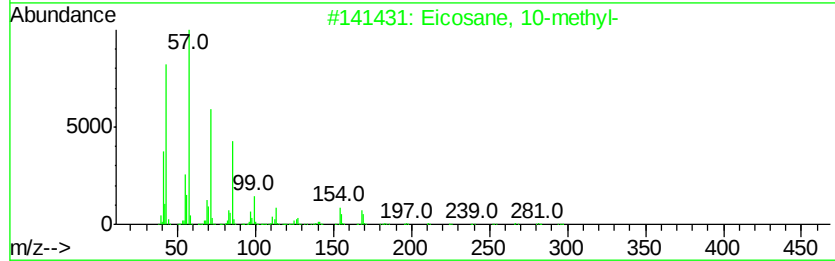
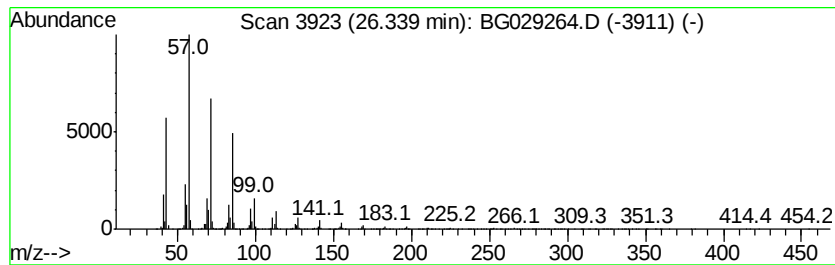
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.34	19.56 ng/ul	4164220	Perylene-d12	25.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3			Octacosane	394	C28H58	000630-02-4	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
Operator : SJ/JU
Sample : I5548-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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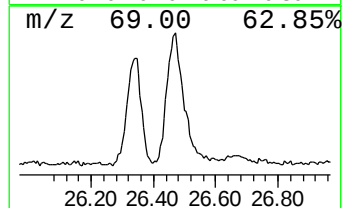
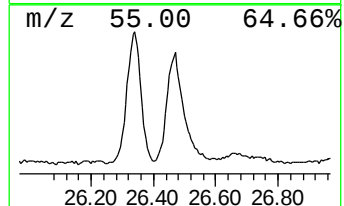
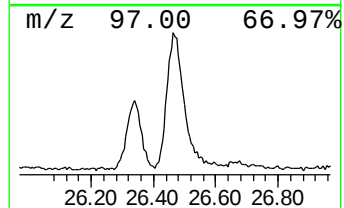
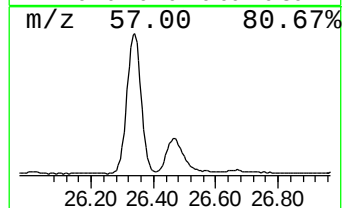
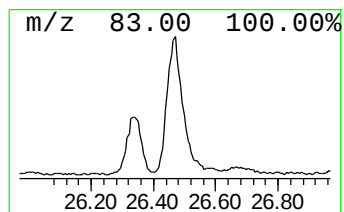
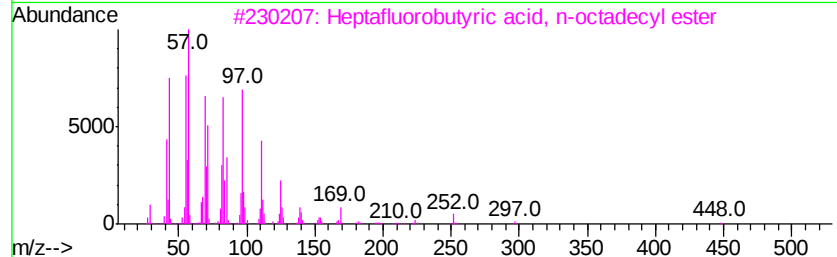
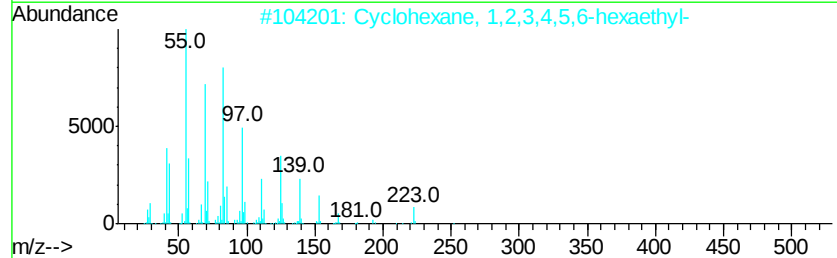
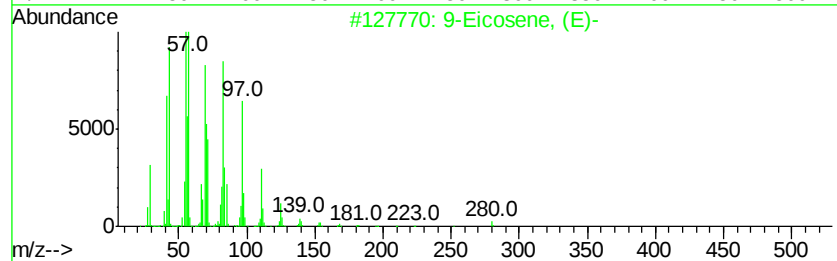
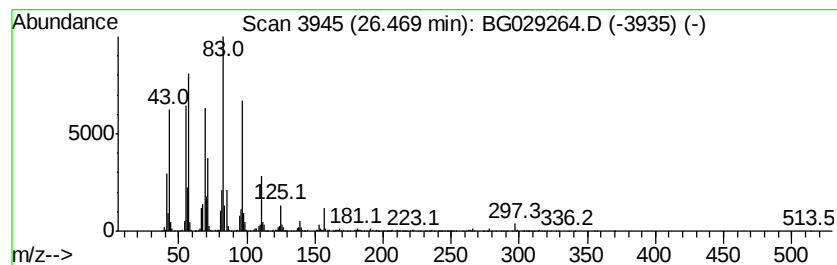
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic26.47 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.47	11.93 ng/ul	2538830	Perylene-d12	25.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	76
2		Cyclohexane, 1,2,3,4,5,6-hexaethyl-	252	C18H36	001795-14-8	72
3		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	52
4		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	45
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	45



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
Operator : SJ/JU
Sample : I5548-10
Misc :
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Instrument :
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ClientSampleId :
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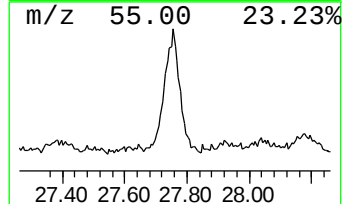
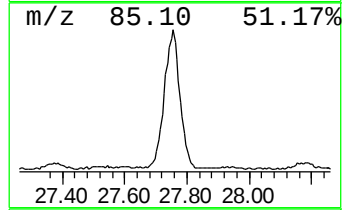
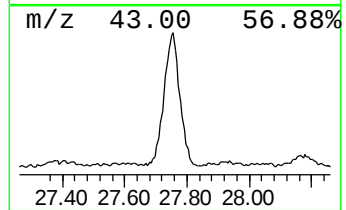
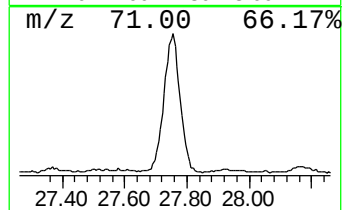
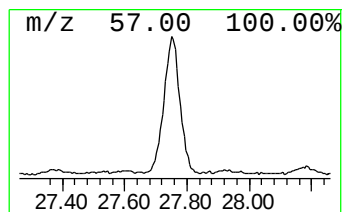
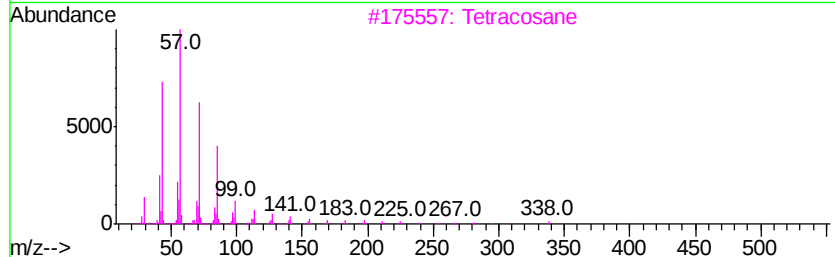
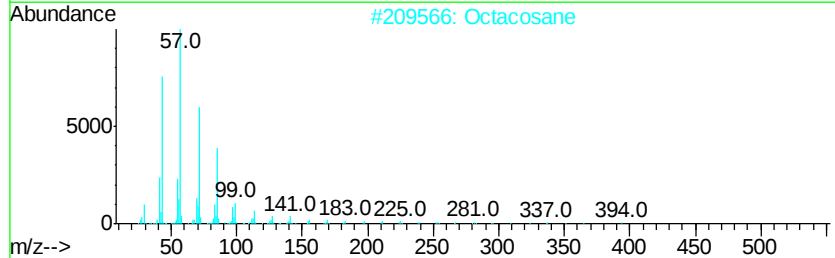
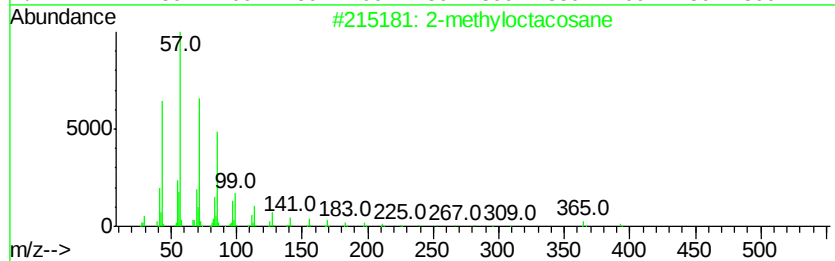
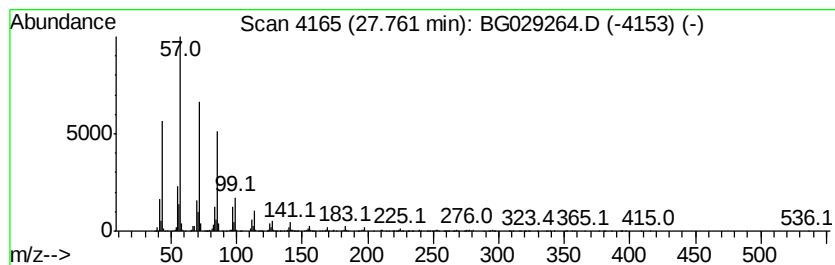
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.76	9.93 ng/ul	2113720	Perylene-d12	25.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			triacontane	422	C30H62	000638-68-6	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
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Acq On : 15 Oct 2017 18:14
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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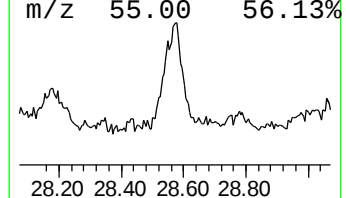
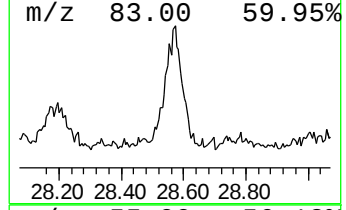
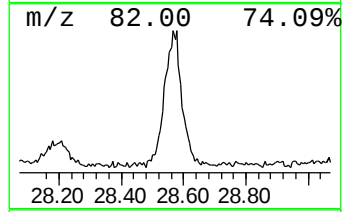
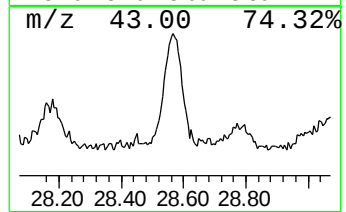
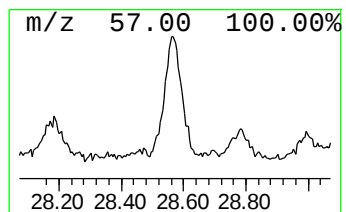
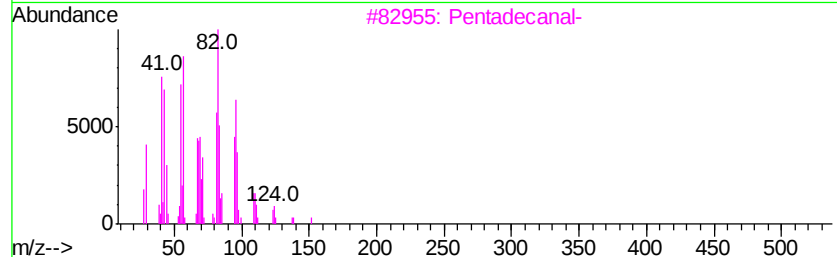
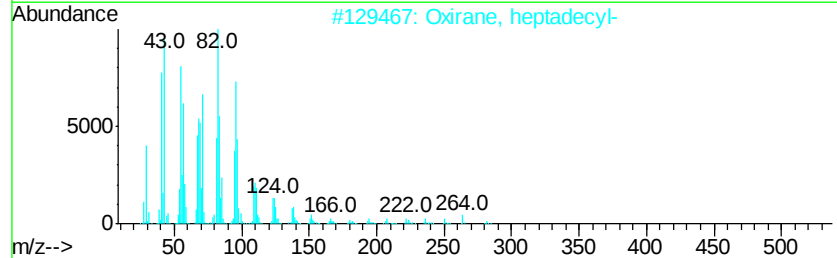
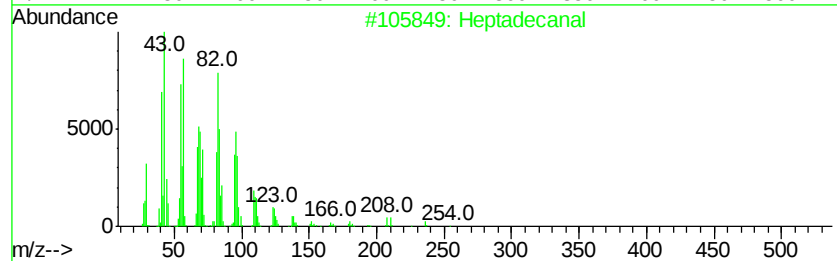
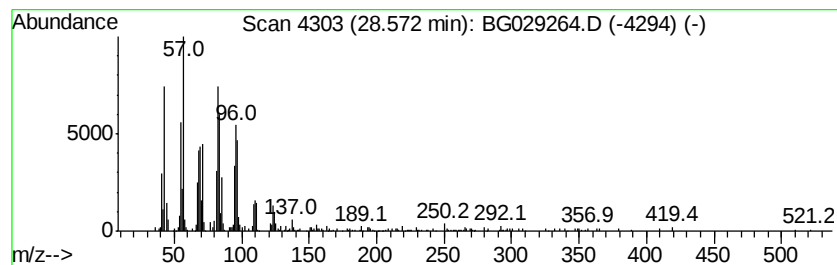
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Heptadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.57	3.59 ng/ul	764335	Perylene-d12	25.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecanal	254	C17H34O	1000376-70-0	86
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	70
3			Pentadecanal-	226	C15H30O	002765-11-9	62
4			Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	46
5			Cyclohexane, (1-butylhexadecyl)-	364	C26H52	004443-59-8	46



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
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Sample : I5548-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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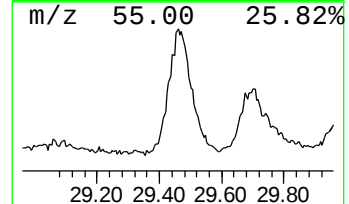
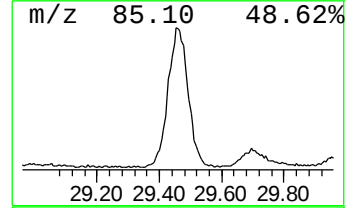
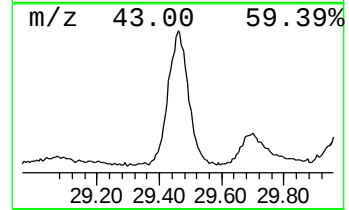
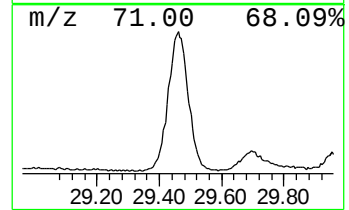
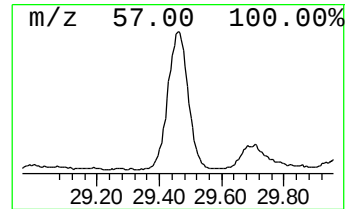
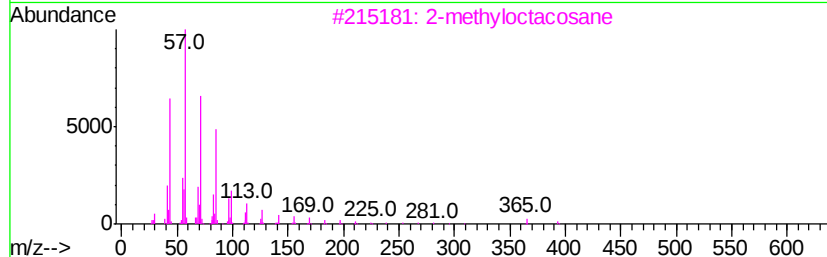
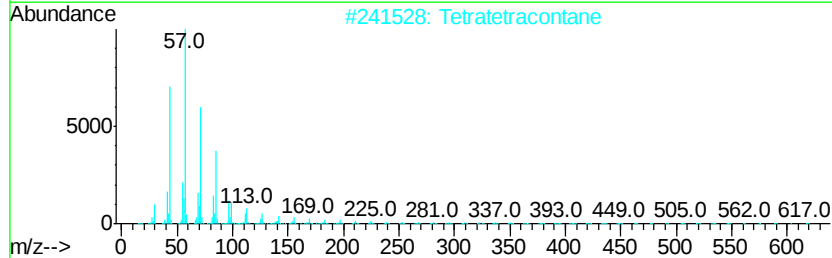
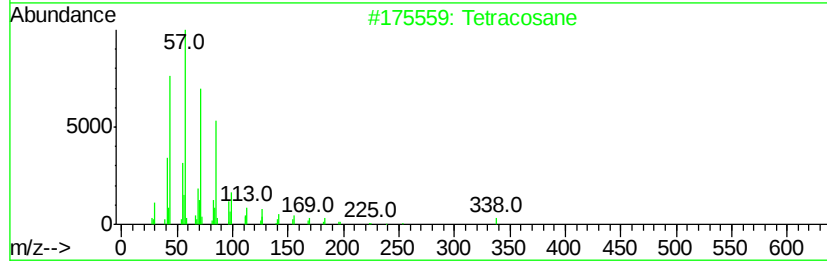
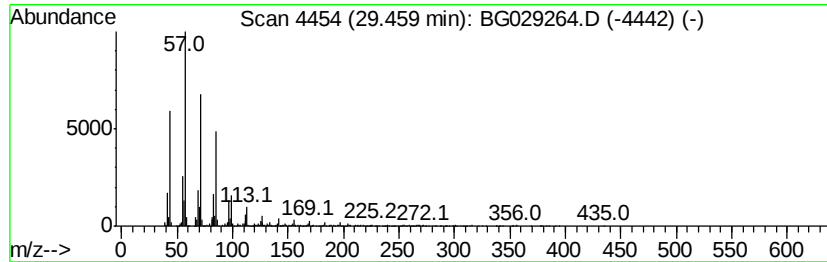
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.46	14.88 ng/ul	3166770	Perylene-d12	25.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
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Sample : I5548-10
Misc :
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ClientSampleId :
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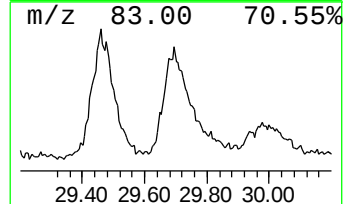
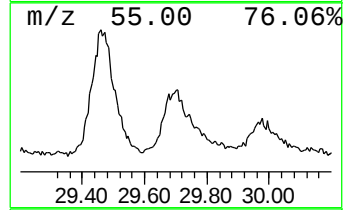
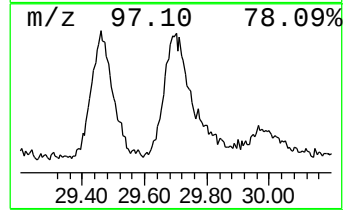
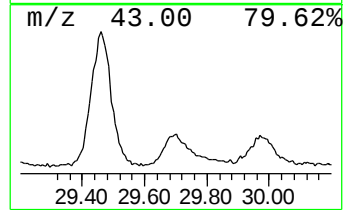
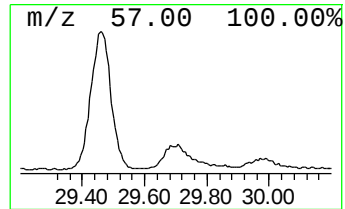
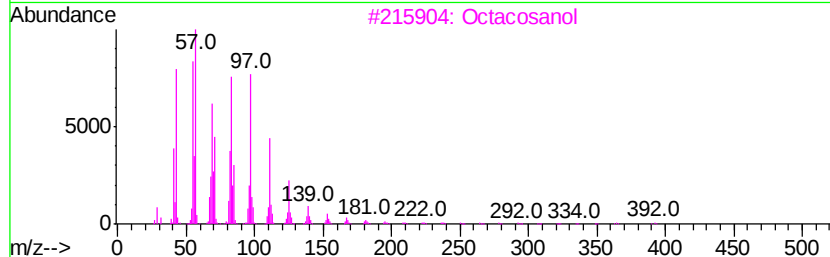
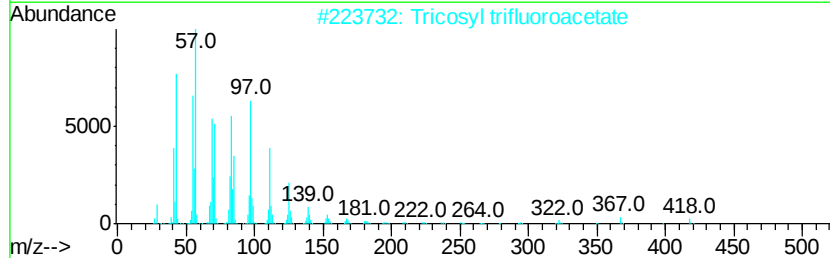
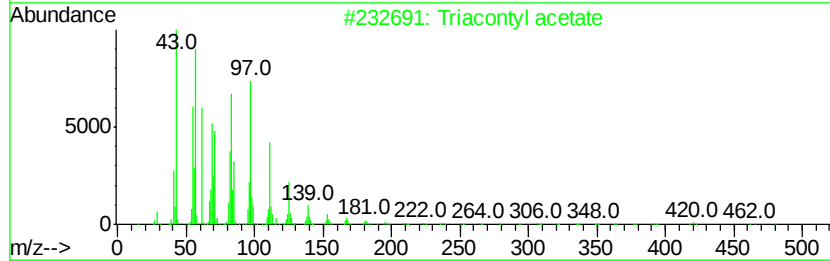
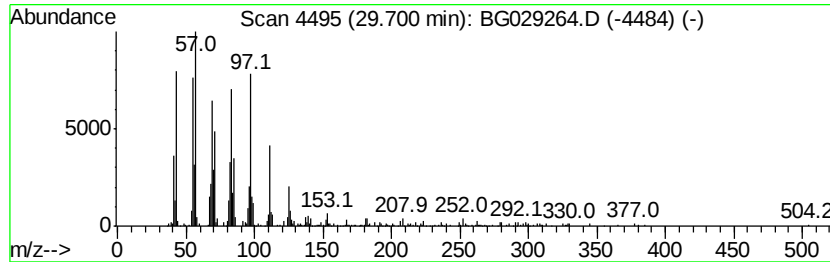
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Triacontyl acetate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.70	5.89 ng/ul	1254230	Perylene-d12	25.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontyl acetate	480	C32H64O2	041755-58-2	94
2			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	94
3			Octacosanol	410	C28H58O	000557-61-9	94
4			1-Docosene	308	C22H44	001599-67-3	93
5			Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
Operator : SJ/JU
Sample : I5548-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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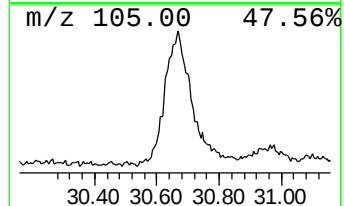
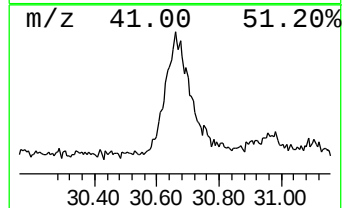
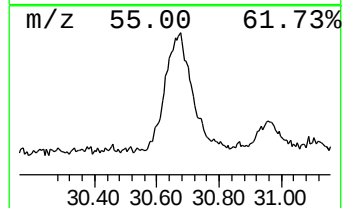
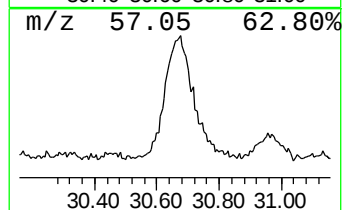
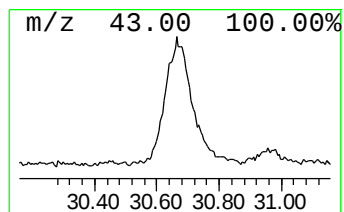
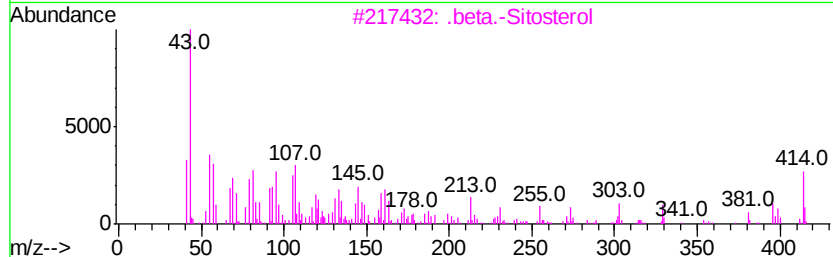
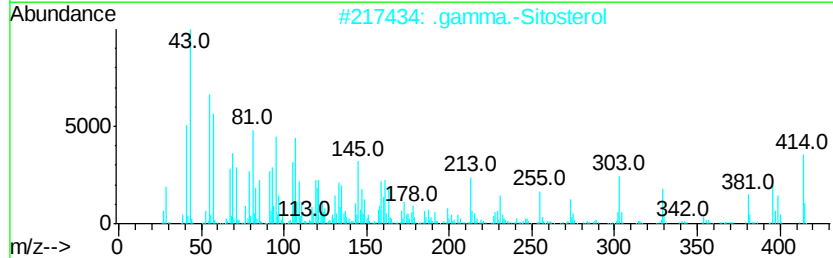
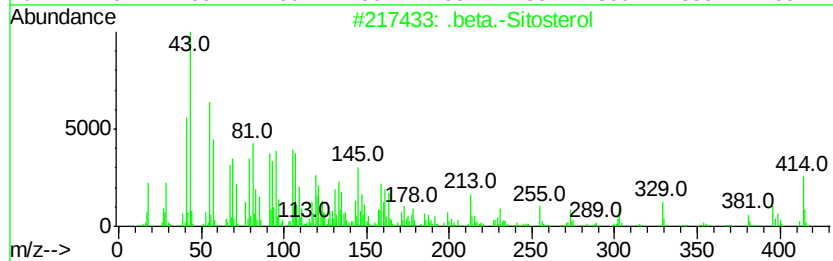
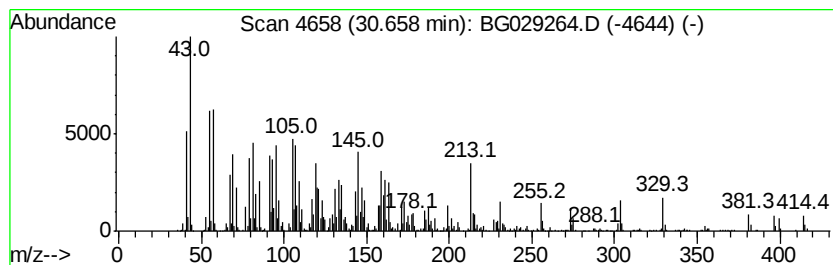
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.66	20.69 ng/ul	4404610	Perylene-d12	25.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	93
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	92
5		Campesterol	400	C28H48O	000474-62-4	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
Operator : SJ/JU
Sample : I5548-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

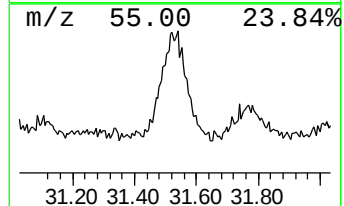
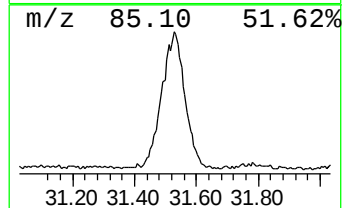
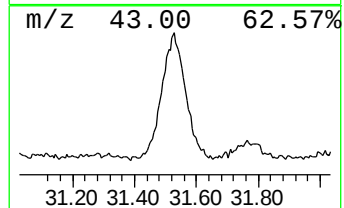
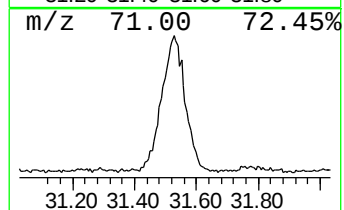
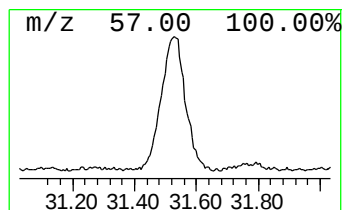
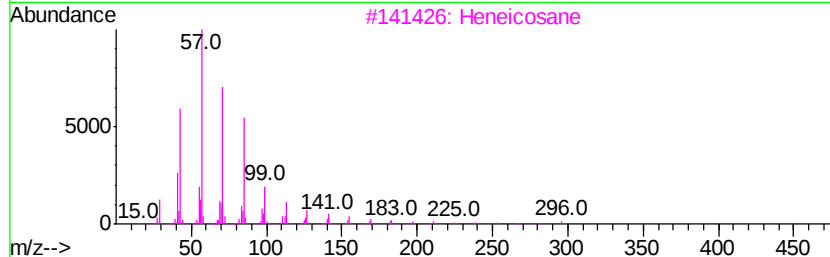
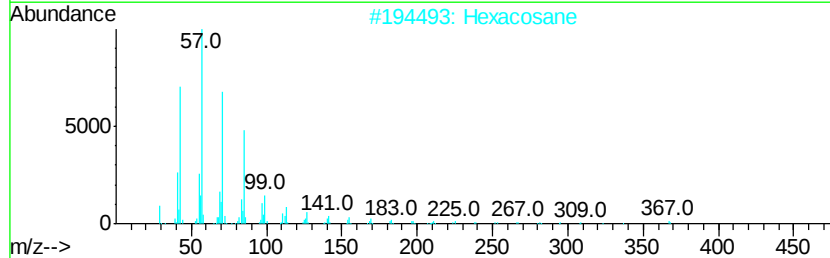
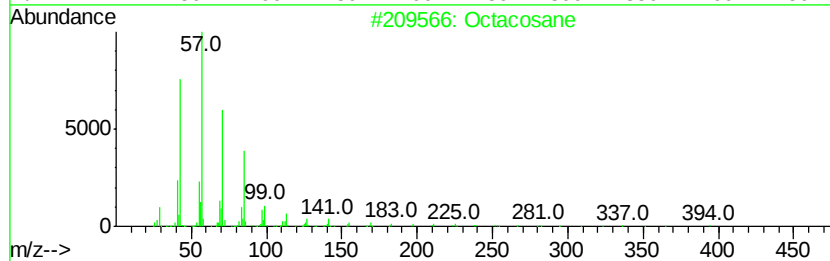
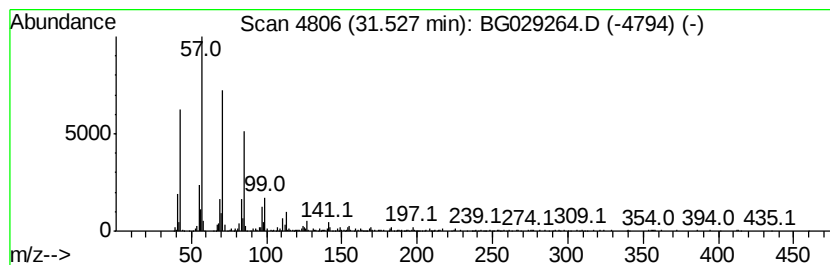
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.53	8.27 ng/ul	1761180	Perylene-d12	25.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	97
2			Hexacosane	366	C26H54	000630-01-3	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Tetratetracontane	619	C44H90	007098-22-8	86
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG101517\
 Data File : BG029264.D
 Acq On : 15 Oct 2017 18:14
 Operator : SJ/JU
 Sample : I5548-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzothiazole	11.64	2.3	ng/ul	193773	2	10.99	1701130	20.0
n-Hexadecanoic acid	18.40	7.9	ng/ul	997439	4	17.53	2531360	20.0
2-Mercaptobenzoth...	18.73	3.5	ng/ul	436758	4	17.53	2531360	20.0
Octadecanoic acid	19.66	5.4	ng/ul	679590	4	17.53	2531360	20.0
Hexadecanoic acid...	19.81	14.5	ng/ul	2274400	5	21.80	3143750	20.0
(DEL) Alkane: Str...	20.42	3.9	ng/ul	619161	5	21.80	3143750	20.0
Octadecanoic acid...	20.85	13.1	ng/ul	2060020	5	21.80	3143750	20.0
(DEL) Alkane: Str...	20.91	4.9	ng/ul	764456	5	21.80	3143750	20.0
Heptadecyl acetate	20.95	2.0	ng/ul	320149	5	21.80	3143750	20.0
unknown-01	21.37	2.5	ng/ul	389434	5	21.80	3143750	20.0
(DEL) Alkane: Cyc...	21.43	24.8	ng/ul	3891360	5	21.80	3143750	20.0
(DEL) Alkane: Str...	21.99	6.0	ng/ul	949802	5	21.80	3143750	20.0
(DEL) Alkane: Cyc...	22.64	34.0	ng/ul	5338760	5	21.80	3143750	20.0
(DEL) Alkane: Str...	23.34	6.3	ng/ul	985952	5	21.80	3143750	20.0
(DEL) Alkane: Cyc...	23.70	9.3	ng/ul	1971570	6	25.12	4257660	20.0
n-Nonadecanol-1	24.24	23.8	ng/ul	5073940	6	25.12	4257660	20.0
Oxirane, hexadecyl-	25.69	2.6	ng/ul	557965	6	25.12	4257660	20.0
(DEL) Alkane: Str...	26.34	19.6	ng/ul	4164220	6	25.12	4257660	20.0
(DEL) Alkane: Cyc...	26.47	11.9	ng/ul	2538830	6	25.12	4257660	20.0
(DEL) Alkane: Str...	27.76	9.9	ng/ul	2113720	6	25.12	4257660	20.0
Heptadecanal	28.57	3.6	ng/ul	764335	6	25.12	4257660	20.0
(DEL) Alkane: Str...	29.46	14.9	ng/ul	3166770	6	25.12	4257660	20.0
Triacetyl acetate	29.70	5.9	ng/ul	1254230	6	25.12	4257660	20.0
.beta.-Sitosterol	30.66	20.7	ng/ul	4404610	6	25.12	4257660	20.0
(DEL) Alkane: Str...	31.53	8.3	ng/ul	1761180	6	25.12	4257660	20.0