

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
 Data File : BG019264.D
 Acq On : 20 Oct 2015 19:31
 Operator : UM/NP
 Sample : G4074-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9K2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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	2.861	3	4	10	rVB2	3318	3340	0.74%	0.072%
2	3.049	33	36	37	rBV3	814	743	0.16%	0.016%
3	3.084	37	42	50	rVV	35601	59972	13.25%	1.297%
4	3.155	50	54	68	rVV	178322	250587	55.34%	5.418%
5	3.414	96	98	102	rVV3	901	973	0.21%	0.021%
6	3.555	117	122	124	rVB2	559	936	0.21%	0.020%
7	3.578	124	126	129	rBV2	593	852	0.19%	0.018%
8	3.948	185	189	192	rBV4	1342	1273	0.28%	0.028%
9	4.448	272	274	278	rVB2	441	634	0.14%	0.014%
10	7.168	730	737	744	rBV3	25982	42646	9.42%	0.922%
11	7.321	757	763	770	rVB	19207	31612	6.98%	0.684%
12	7.526	792	798	805	rVB	26570	42007	9.28%	0.908%
13	7.990	871	877	885	rBV	60442	96695	21.36%	2.091%
14	8.402	943	947	950	rBV2	494	811	0.18%	0.018%
15	8.707	993	999	1009	rVB2	32729	53041	11.71%	1.147%
16	9.154	1069	1075	1085	rVV	26980	47223	10.43%	1.021%
17	9.289	1094	1098	1101	rVV2	780	1041	0.23%	0.023%
18	9.453	1123	1126	1129	rBV	597	661	0.15%	0.014%
19	9.877	1192	1198	1205	rVB2	25045	42559	9.40%	0.920%
20	10.159	1243	1246	1250	rBV2	435	640	0.14%	0.014%
21	10.423	1285	1291	1298	rBV3	38635	65652	14.50%	1.420%
22	10.576	1312	1317	1318	rBV	478	709	0.16%	0.015%
23	10.799	1347	1355	1362	rVV	95690	166468	36.77%	3.599%
24	10.934	1372	1378	1386	rBV2	20444	39669	8.76%	0.858%
25	11.592	1489	1490	1495	rVB2	681	774	0.17%	0.017%
26	12.379	1621	1624	1629	rVB2	732	828	0.18%	0.018%
27	12.985	1723	1727	1730	rBV3	1711	2078	0.46%	0.045%
28	13.231	1766	1769	1772	rVB2	2494	2920	0.64%	0.063%
29	13.513	1815	1817	1821	rVB3	685	834	0.18%	0.018%
30	14.030	1899	1905	1909	rVV	89414	129409	28.58%	2.798%
31	14.077	1909	1913	1918	rVB	19263	26877	5.94%	0.581%
32	14.154	1924	1926	1932	rVB	497	646	0.14%	0.014%
33	14.318	1947	1954	1963	rBV	90263	137292	30.32%	2.969%
34	14.506	1985	1986	1989	rBV2	832	698	0.15%	0.015%

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 Title : SVOA CALIBRATION

35	14.571	1994	1997	2000	rBV	460	806	0.18%	0.017%
36	14.624	2000	2006	2014	rVB2	178658	277376	61.26%	5.997%
37	14.841	2038	2043	2053	rBV	35951	60059	13.26%	1.299%
38	14.906	2053	2054	2058	rVV	932	954	0.21%	0.021%
39	14.971	2064	2065	2072	rVB2	888	1108	0.24%	0.024%
40	15.035	2072	2076	2081	rBV3	1924	2193	0.48%	0.047%
41	15.411	2136	2140	2145	rBV4	2228	3610	0.80%	0.078%
42	15.470	2145	2150	2152	rVB3	2717	3846	0.85%	0.083%
43	15.540	2159	2162	2166	rBV	615	780	0.17%	0.017%
44	15.617	2169	2175	2181	rBV	129646	196053	43.30%	4.239%
45	15.734	2190	2195	2202	rVB2	44713	64751	14.30%	1.400%
46	15.852	2211	2215	2216	rVV3	1415	1467	0.32%	0.032%
47	15.864	2216	2217	2221	rVB3	1513	1442	0.32%	0.031%
48	15.964	2231	2234	2236	rVB2	921	954	0.21%	0.021%
49	16.011	2239	2242	2245	rBV2	831	854	0.19%	0.018%
50	16.087	2250	2255	2256	rVB2	1178	1471	0.32%	0.032%
51	16.122	2259	2261	2263	rBV	977	698	0.15%	0.015%
52	16.146	2263	2265	2267	rBV2	807	741	0.16%	0.016%
53	16.169	2267	2269	2271	rVB	1434	817	0.18%	0.018%
54	16.246	2280	2282	2285	rVB2	1067	1153	0.25%	0.025%
55	16.328	2291	2296	2298	rBV2	5243	7080	1.56%	0.153%
56	16.345	2298	2299	2303	rVB3	2613	2650	0.59%	0.057%
57	16.451	2315	2317	2318	rBV	935	778	0.17%	0.017%
58	16.475	2318	2321	2323	rBV3	669	693	0.15%	0.015%
59	16.504	2323	2326	2330	rBV4	4616	5829	1.29%	0.126%
60	16.622	2341	2346	2347	rBV5	1004	1199	0.26%	0.026%
61	16.674	2350	2355	2356	rBV2	1863	2476	0.55%	0.054%
62	16.733	2363	2365	2367	rBV3	1624	1271	0.28%	0.027%
63	16.763	2367	2370	2377	rVB4	4185	6647	1.47%	0.144%
64	16.833	2380	2382	2383	rBV	2182	1391	0.31%	0.030%
65	16.862	2386	2387	2389	rBV2	1361	752	0.17%	0.016%
66	16.904	2391	2394	2395	rBV2	1897	1998	0.44%	0.043%
67	16.921	2395	2397	2398	rBV2	1705	1207	0.27%	0.026%
68	17.086	2423	2425	2426	rBV2	895	661	0.15%	0.014%
69	17.121	2426	2431	2434	rBV2	7222	9835	2.17%	0.213%
70	17.162	2434	2438	2439	rBV4	3919	3822	0.84%	0.083%
71	17.315	2463	2464	2466	rBV2	1844	1175	0.26%	0.025%

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72	17.368	2466	2473	2482	rBV2	244597	373407	82.47%	8.074%
73	17.468	2485	2490	2498	rVB	145925	225183	49.73%	4.869%
74	17.538	2498	2502	2503	rBV3	2329	3313	0.73%	0.072%
75	17.703	2528	2530	2531	rBV2	1552	981	0.22%	0.021%
76	17.832	2550	2552	2553	rVB2	2041	1232	0.27%	0.027%
77	17.855	2553	2556	2560	rBV4	4900	6965	1.54%	0.151%
78	17.920	2565	2567	2569	rVV2	2477	2396	0.53%	0.052%
79	17.949	2569	2572	2574	rVB4	1809	2090	0.46%	0.045%
80	18.002	2579	2581	2584	rVV3	1585	1697	0.37%	0.037%
81	18.032	2584	2586	2589	rVB5	2453	2063	0.46%	0.045%
82	18.202	2610	2615	2619	rBV3	10709	17285	3.82%	0.374%
83	18.261	2620	2625	2633	rVV	86709	121535	26.84%	2.628%
84	18.325	2634	2636	2641	rVV3	6708	8723	1.93%	0.189%
85	18.367	2641	2643	2646	rVB4	2214	2414	0.53%	0.052%
86	18.543	2670	2673	2679	rBV6	3513	6271	1.38%	0.136%
87	18.760	2708	2710	2711	rBV2	2562	2456	0.54%	0.053%
88	18.913	2734	2736	2737	rBV2	4503	2821	0.62%	0.061%
89	19.113	2765	2770	2773	rVB7	5809	9281	2.05%	0.201%
90	19.172	2779	2780	2784	rVB4	4925	3578	0.79%	0.077%
91	19.383	2814	2816	2817	rBV2	6302	4657	1.03%	0.101%
92	19.524	2837	2840	2849	rBV2	33334	51388	11.35%	1.111%
93	19.753	2874	2879	2886	rBV	157778	222006	49.03%	4.800%
94	21.281	3135	3139	3145	rVB	68140	98623	21.78%	2.132%
95	21.633	3194	3199	3206	rVB	244767	389903	86.11%	8.431%
96	22.427	3331	3334	3344	rVB2	47500	93865	20.73%	2.030%
97	23.919	3583	3588	3594	rVB2	75641	147506	32.58%	3.189%
98	24.606	3699	3705	3715	rVB	78183	199440	44.05%	4.312%
99	24.835	3736	3744	3759	rVB	143973	452784	100.00%	9.790%
100	25.987	3935	3940	3950	rVB2	99176	247337	54.63%	5.348%

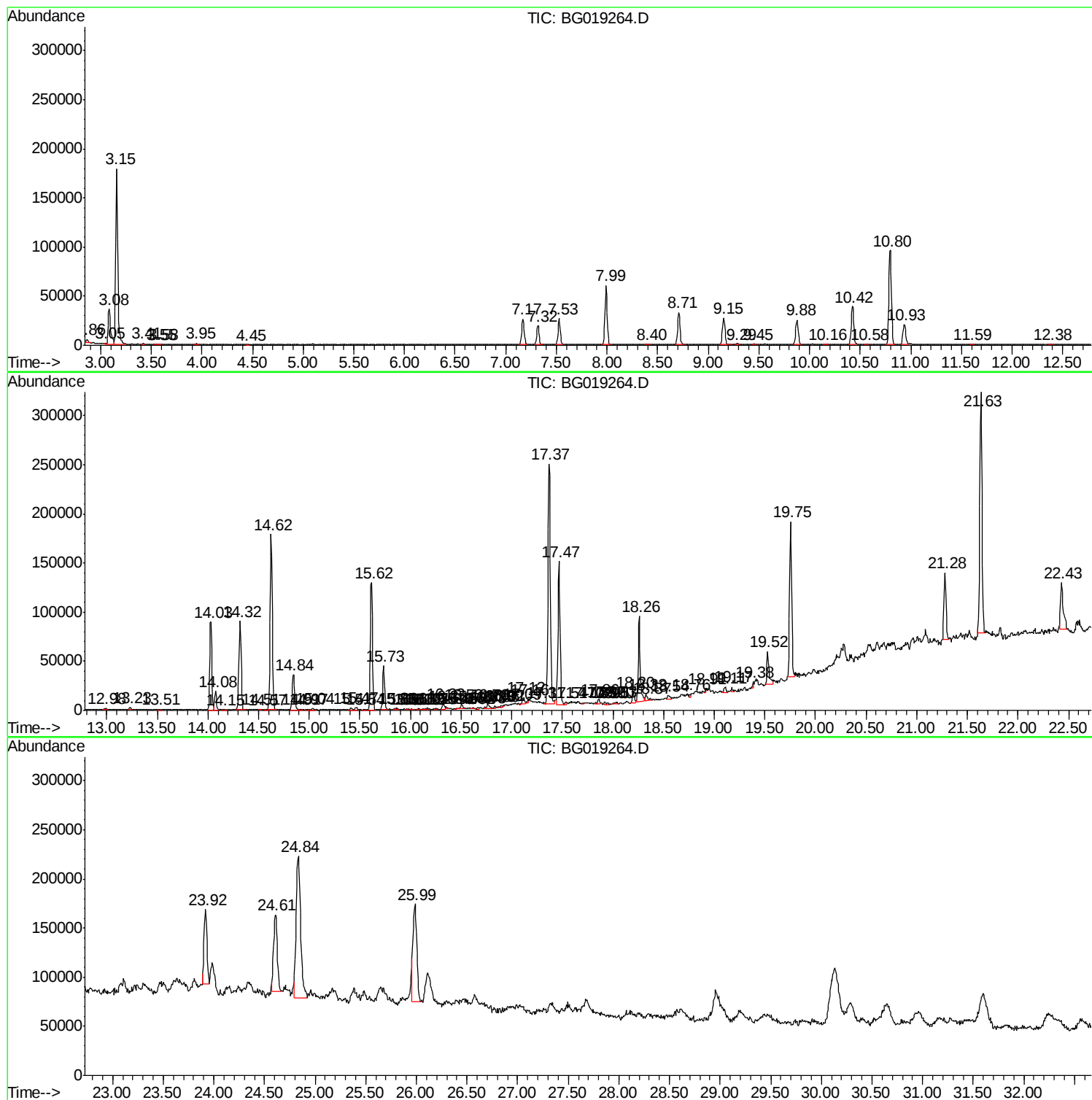
Sum of corrected areas: 4624897

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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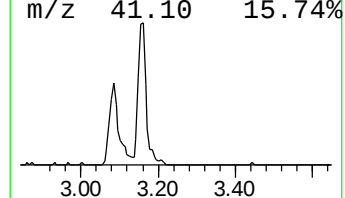
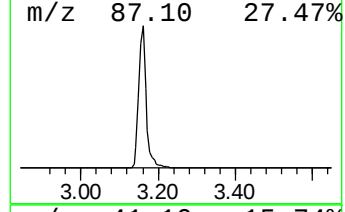
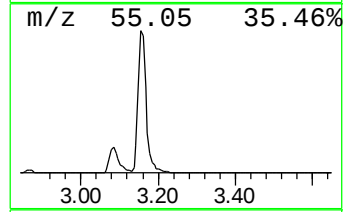
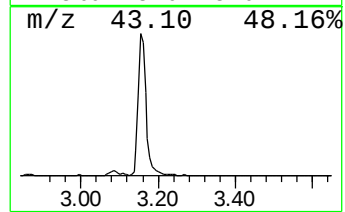
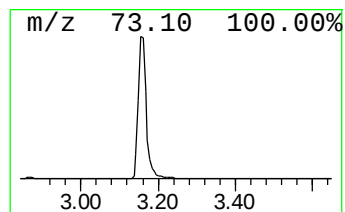
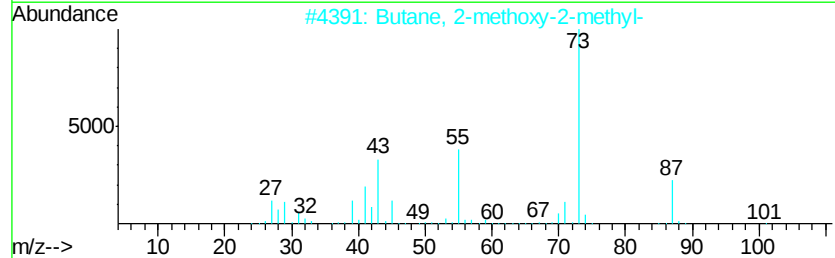
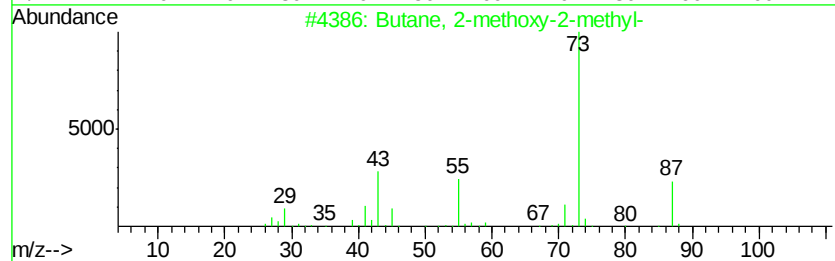
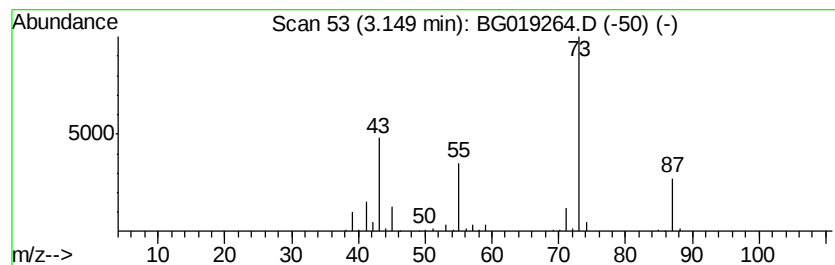
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	51.83 ng/ul	250587	1,4-Dichlorobenzene-d4	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	32



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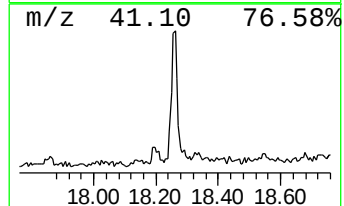
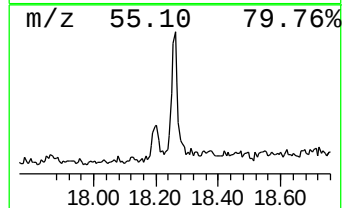
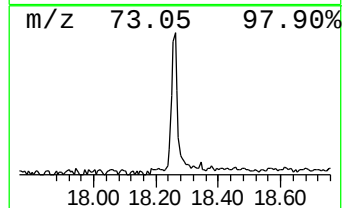
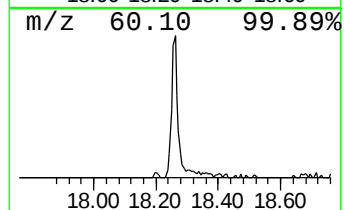
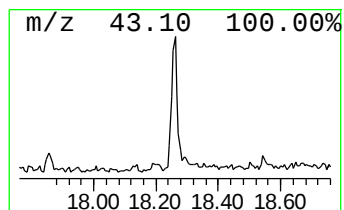
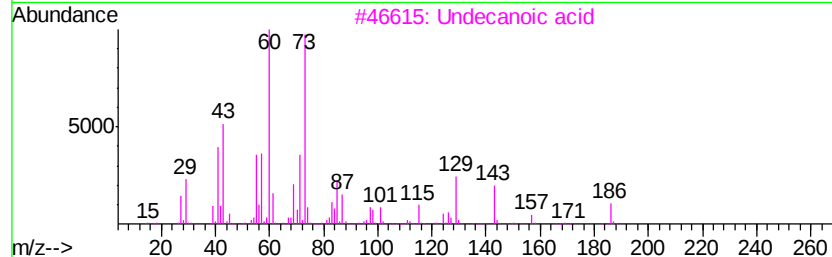
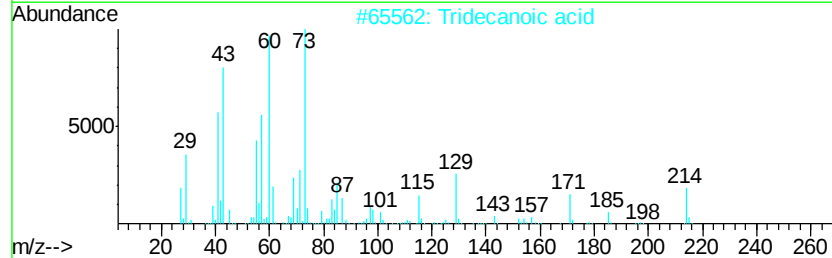
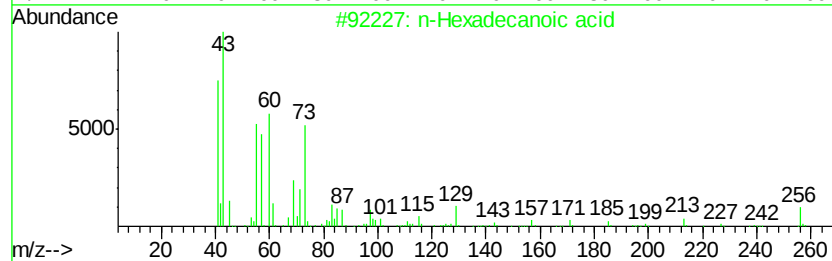
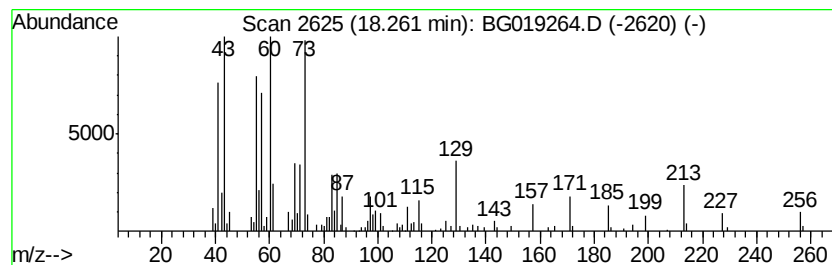
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.26	6.51 ng/ul	121535	Phenanthrene-d10		17.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	68
3	Undecanoic acid	186	C11H22O2	000112-37-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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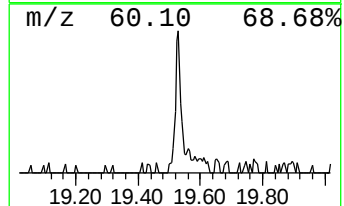
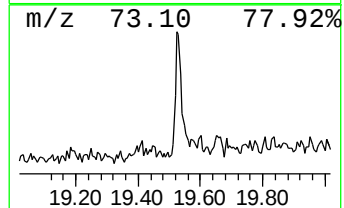
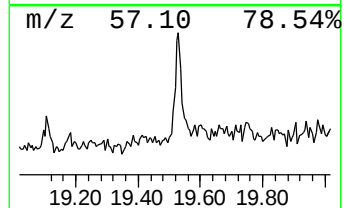
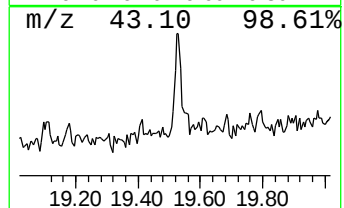
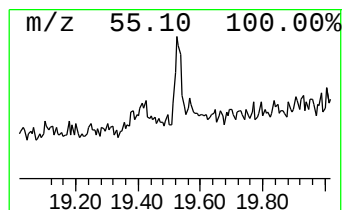
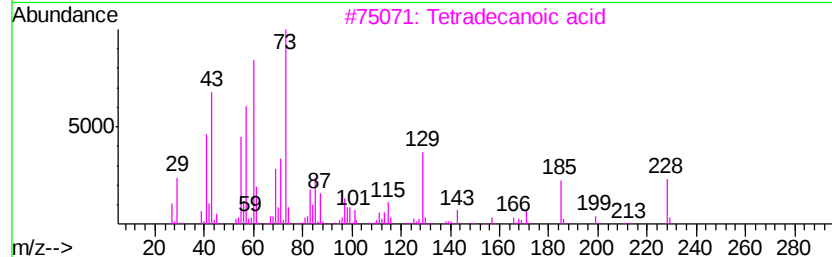
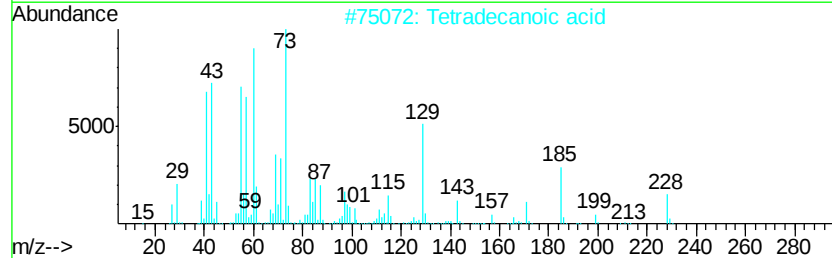
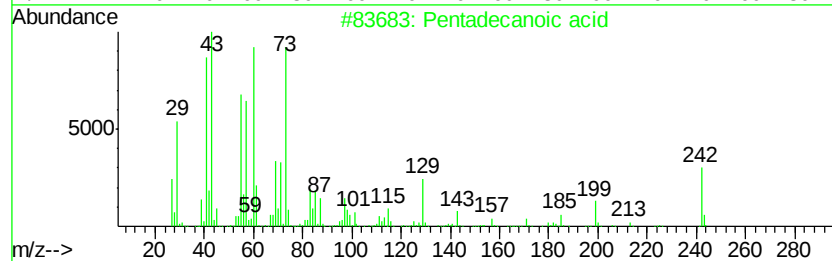
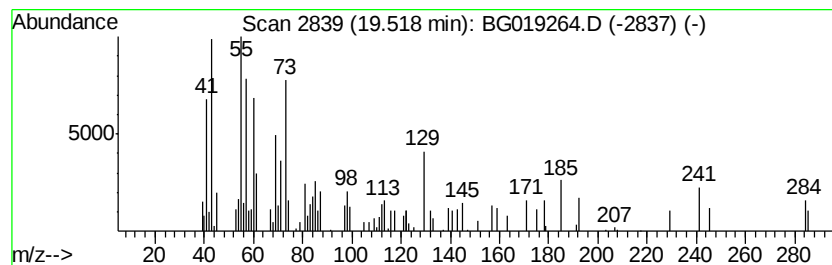
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	2.64 ng/ul	51388	Chrysene-d12	21.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	70	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50	



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ClientSampleId :
JG9K2

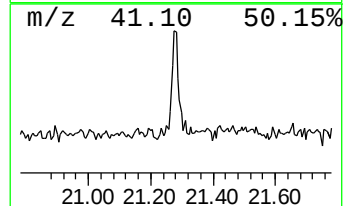
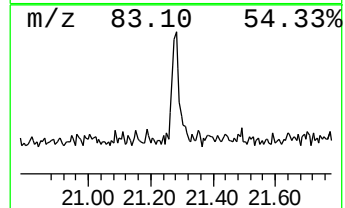
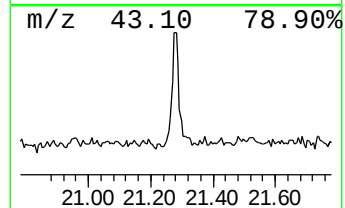
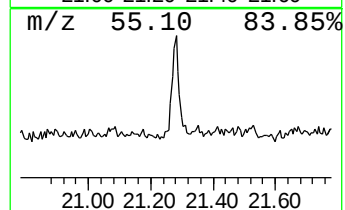
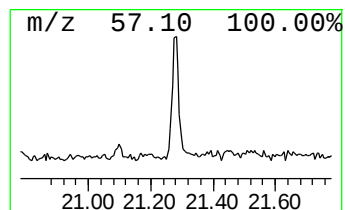
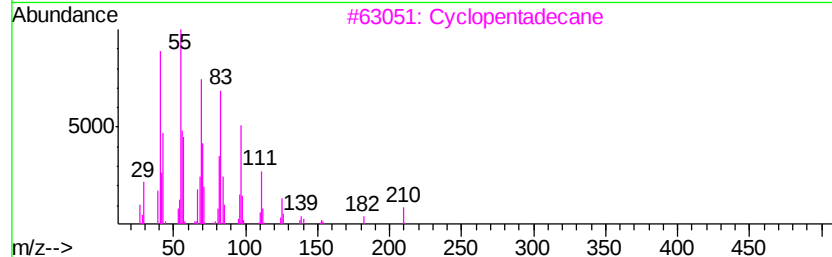
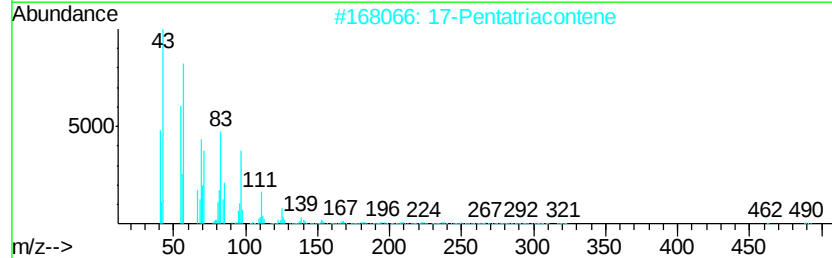
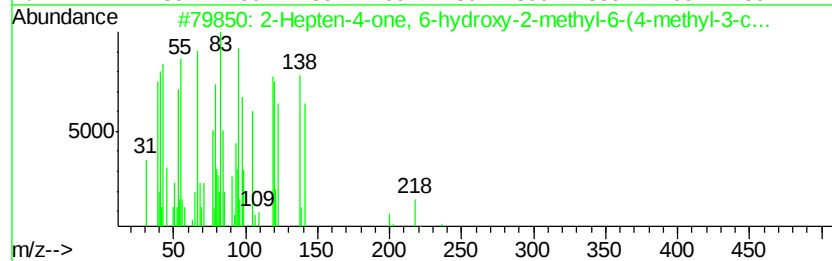
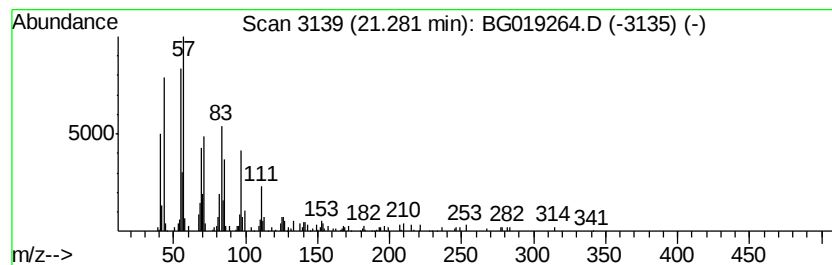
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Hepten-4-one, 6-hydroxy-2... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	5.06 ng/ul	98623	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hepten-4-one, 6-hydroxy-2-meth...	236	C15H24O2	038043-98-0	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	86
3		Cyclopentadecane	210	C15H30	000295-48-7	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019264.D
Acq On : 20 Oct 2015 19:31
Operator : UM/NP
Sample : G4074-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K2

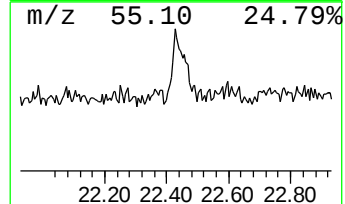
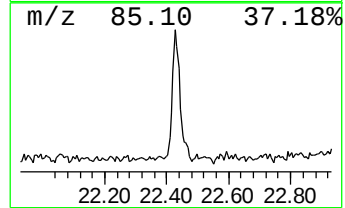
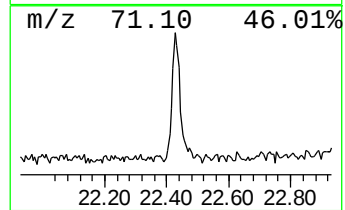
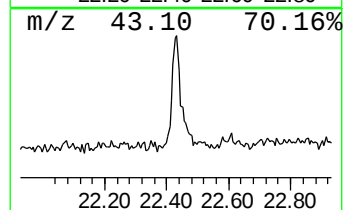
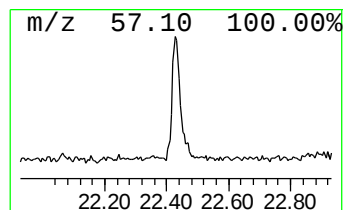
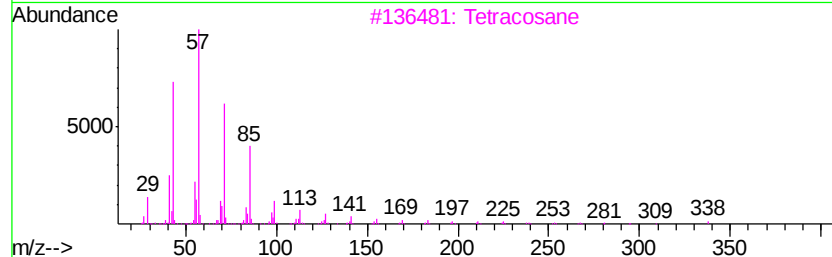
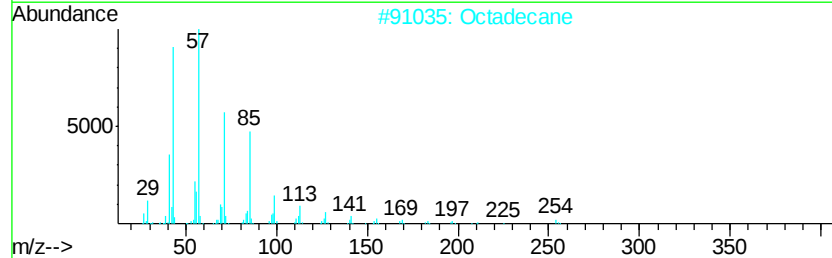
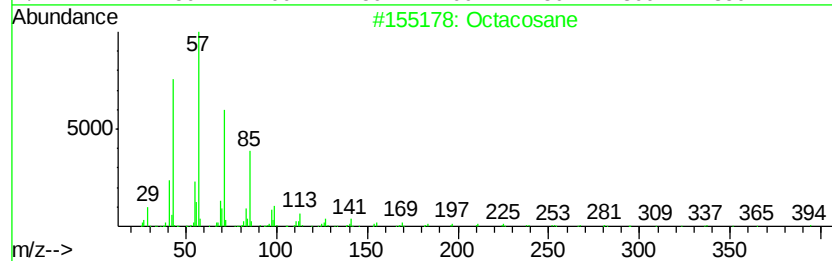
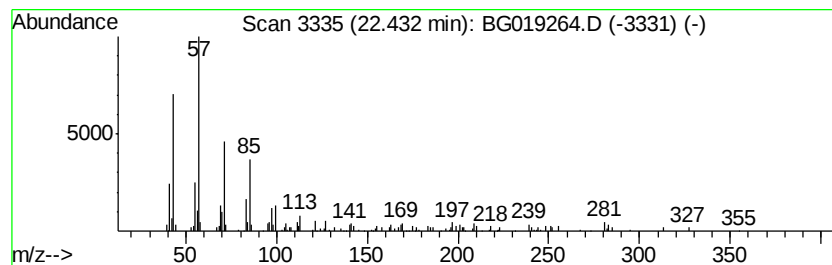
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	4.81 ng/ul	93865	Chrysene-d12	21.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	83
2			Octadecane	254	C18H38	000593-45-3	80
3			Tetracosane	338	C24H50	000646-31-1	80
4			Nonadecane	268	C19H40	000629-92-5	72
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019264.D
Acq On : 20 Oct 2015 19:31
Operator : UM/NP
Sample : G4074-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K2

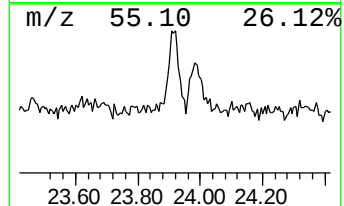
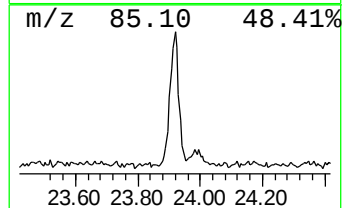
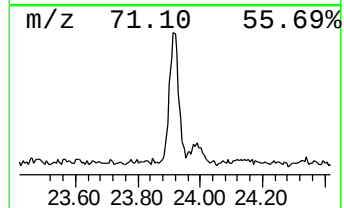
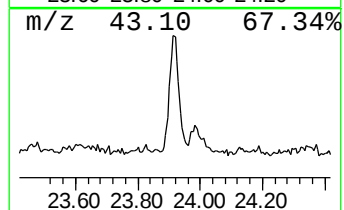
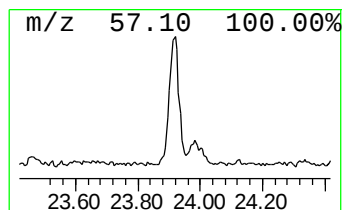
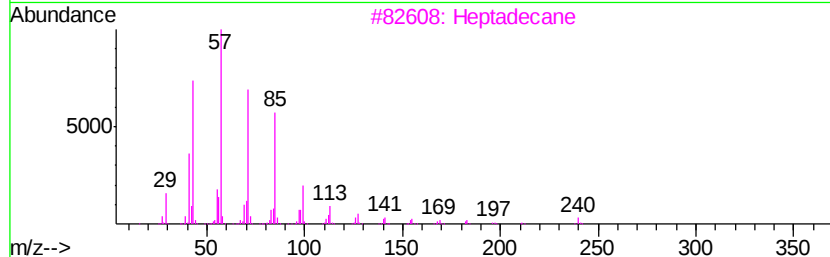
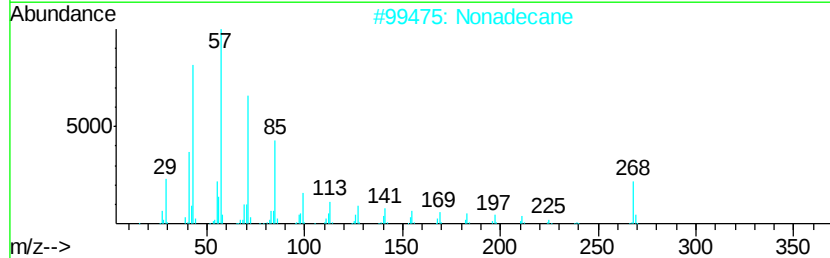
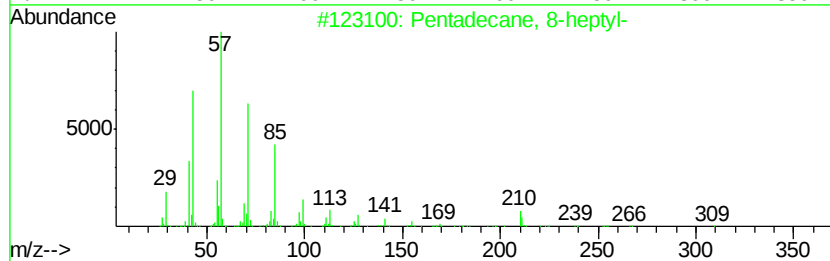
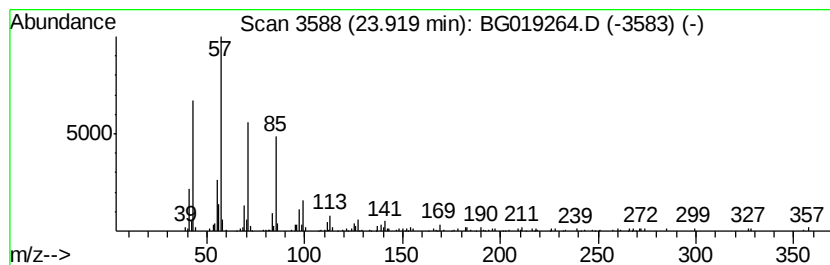
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	6.52 ng/ul	147506	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
2		Nonadecane	268	C19H40	000629-92-5	81
3		Heptadecane	240	C17H36	000629-78-7	80
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5		Octadecane	254	C18H38	000593-45-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019264.D
Acq On : 20 Oct 2015 19:31
Operator : UM/NP
Sample : G4074-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K2

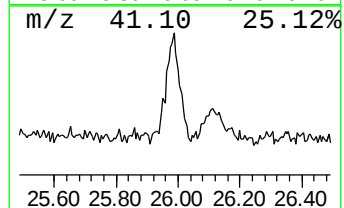
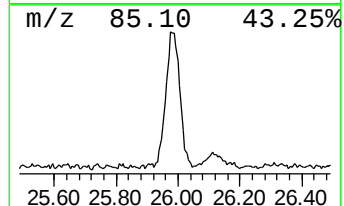
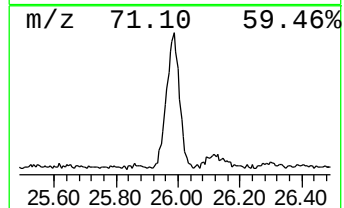
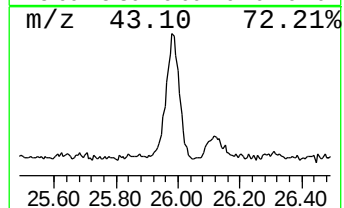
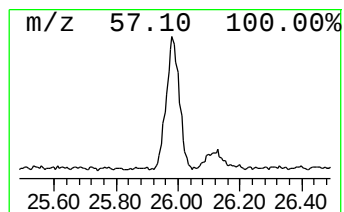
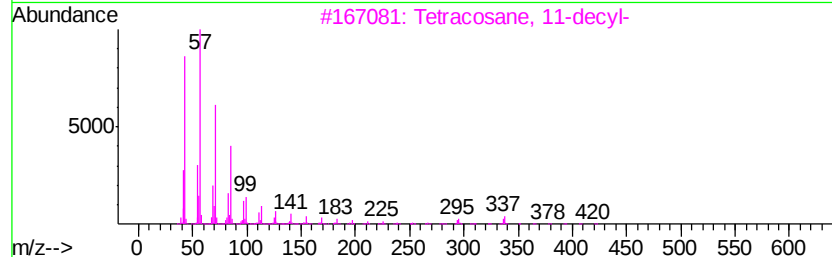
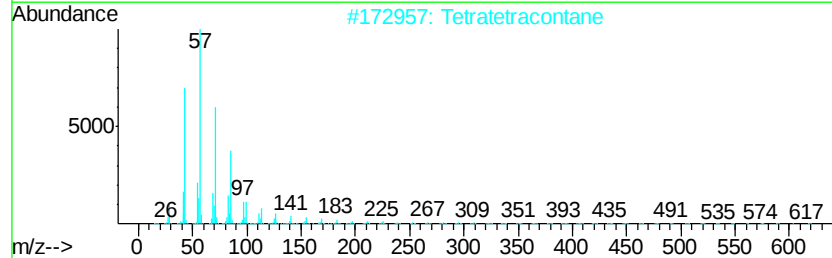
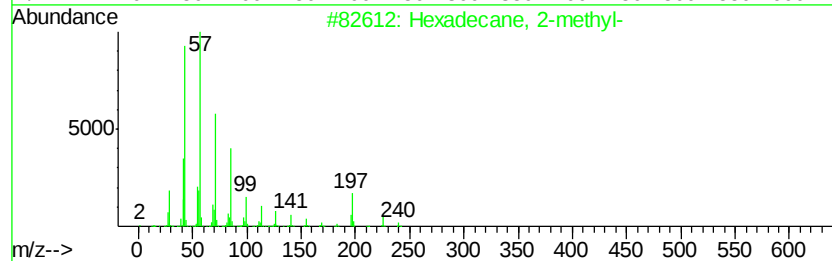
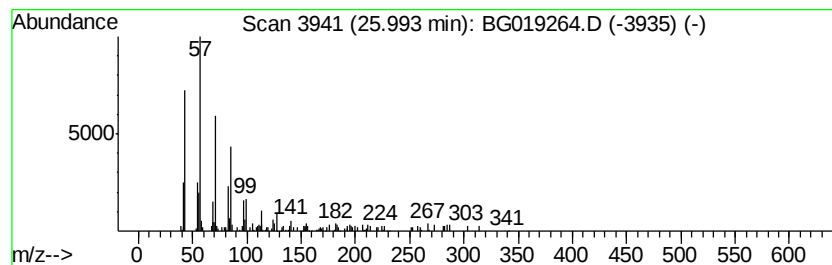
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.99	10.93 ng/ul	247337	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4		Docosane	310	C22H46	000629-97-0	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019264.D
Acq On : 20 Oct 2015 19:31
Operator : UM/NP
Sample : G4074-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	51.8	ng/ul	250587	1	7.99	96695	20.0
n-Hexadecanoic acid	18.26	6.5	ng/ul	121535	4	17.37	373407	20.0
Pentadecanoic acid	19.52	2.6	ng/ul	51388	5	21.63	389903	20.0
2-Hepten-4-one, 6...	21.28	5.1	ng/ul	98623	5	21.63	389903	20.0
(DEL) Alkane: Str...	22.43	4.8	ng/ul	93865	5	21.63	389903	20.0
(DEL) Alkane: Str...	23.92	6.5	ng/ul	147506	6	24.83	452784	20.0
(DEL) Alkane: Str...	25.99	10.9	ng/ul	247337	6	24.83	452784	20.0