

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
 Data File : BG028283.D
 Acq On : 11 Aug 2017 7:13
 Operator : SJ/JU
 Sample : I4550-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.1 Max Peaks: 100
 Stop Thrs : 0 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-BG080217.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	3.849	38	44	50	rVB6	7844	16497	1.08%	0.089%
2	4.108	84	88	100	rBV4	6530	18441	1.20%	0.099%
3	4.354	124	130	136	rBV3	11112	20845	1.36%	0.112%
4	4.877	212	219	229	rBV	47804	81249	5.31%	0.436%
5	5.471	314	320	325	rVB3	12918	22088	1.44%	0.119%
6	7.504	657	666	679	rBV2	161710	356383	23.28%	1.914%
7	7.668	683	694	703	rBV	107883	197329	12.89%	1.060%
8	7.886	723	731	739	rBV2	150027	276129	18.03%	1.483%
9	8.356	804	811	826	rVV	179293	333401	21.78%	1.791%
10	9.049	922	929	941	rVV	194200	355926	23.25%	1.912%
11	9.519	1002	1009	1021	rBV2	146332	284994	18.61%	1.531%
12	10.242	1124	1132	1143	rBV2	120269	236168	15.42%	1.269%
13	10.788	1216	1225	1237	rVV	195049	376558	24.59%	2.023%
14	11.170	1282	1290	1304	rVB	246958	488751	31.92%	2.626%
15	11.305	1306	1313	1329	rVB2	107035	216664	14.15%	1.164%
16	12.656	1529	1543	1552	rVV	54537	104911	6.85%	0.564%
17	12.809	1562	1569	1575	rVB3	9648	17880	1.17%	0.096%
18	13.021	1598	1605	1611	rBV2	7880	14915	0.97%	0.080%
19	14.137	1787	1795	1804	rVB5	5565	13147	0.86%	0.071%
20	14.272	1814	1818	1823	rBV3	7629	13880	0.91%	0.075%
21	14.349	1823	1831	1835	rBV	407855	612928	40.03%	3.293%
22	14.396	1835	1839	1845	rVV	123042	186761	12.20%	1.003%
23	14.654	1876	1883	1894	rBV	401790	657292	42.93%	3.531%
24	14.813	1902	1910	1919	rVB2	13132	24075	1.57%	0.129%
25	14.960	1919	1935	1944	rBV2	422655	706834	46.17%	3.797%
26	15.148	1957	1967	1982	rBV2	113201	263833	17.23%	1.417%
27	15.353	1997	2002	2008	rVB7	16063	29941	1.96%	0.161%
28	15.424	2008	2014	2021	rVB5	8511	16839	1.10%	0.090%
29	15.759	2066	2071	2076	rVB	29397	49548	3.24%	0.266%
30	15.947	2095	2103	2116	rBV	550215	884784	57.79%	4.753%
31	16.058	2116	2122	2133	rVV	183838	284798	18.60%	1.530%
32	16.164	2134	2140	2153	rVB9	16463	47273	3.09%	0.254%
33	16.293	2159	2162	2171	rVB5	7830	15290	1.00%	0.082%
34	16.440	2182	2187	2195	rVB4	10103	21318	1.39%	0.115%

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35	16.622	2212	2218	2220	rBV2	40025	57584	3.76%	0.309%
36	17.075	2290	2295	2301	rVB8	7388	14317	0.94%	0.077%
37	17.128	2301	2304	2312	rBV7	5639	13506	0.88%	0.073%
38	17.228	2312	2321	2325	rBV8	12089	27622	1.80%	0.148%
39	17.269	2326	2328	2336	rVB6	10459	14316	0.94%	0.077%
40	17.416	2349	2353	2358	rVV3	33617	50096	3.27%	0.269%
41	17.468	2358	2362	2369	rVV5	12597	23758	1.55%	0.128%
42	17.709	2394	2403	2408	rVV	552944	916441	59.86%	4.923%
43	17.750	2408	2410	2414	rVV	77291	91293	5.96%	0.490%
44	17.803	2414	2419	2429	rVB2	582666	970147	63.36%	5.212%
45	17.886	2430	2433	2439	rVB7	12233	18013	1.18%	0.097%
46	18.156	2469	2479	2485	rVB6	19737	38338	2.50%	0.206%
47	18.426	2519	2525	2534	rBV9	5537	17620	1.15%	0.095%
48	18.555	2541	2547	2555	rBV3	76845	181130	11.83%	0.973%
49	18.626	2555	2559	2565	rVB3	43069	78296	5.11%	0.421%
50	18.702	2569	2572	2577	rVB2	21816	31785	2.08%	0.171%
51	18.767	2577	2583	2588	rBV3	36957	84468	5.52%	0.454%
52	18.837	2593	2595	2599	rVB2	12830	13176	0.86%	0.071%
53	18.926	2606	2610	2617	rBV10	7637	17199	1.12%	0.092%
54	19.067	2628	2634	2639	rBV	24557	43735	2.86%	0.235%
55	19.302	2671	2674	2679	rVB7	9452	15079	0.98%	0.081%
56	19.360	2679	2684	2687	rBV3	11540	18455	1.21%	0.099%
57	19.396	2687	2690	2695	rVB6	8552	15263	1.00%	0.082%
58	19.466	2698	2702	2709	rBV4	35988	70491	4.60%	0.379%
59	19.548	2709	2716	2723	rVV9	16587	51251	3.35%	0.275%
60	19.625	2723	2729	2736	rVV9	15609	35932	2.35%	0.193%
61	19.742	2739	2749	2756	rBV	242709	397825	25.98%	2.137%
62	19.813	2756	2761	2770	rVV5	53035	107223	7.00%	0.576%
63	19.895	2770	2775	2780	rBV	27673	44105	2.88%	0.237%
64	20.077	2800	2806	2818	rVV2	765707	1531101	100.00%	8.225%
65	20.171	2818	2822	2828	rVB3	23183	38456	2.51%	0.207%
66	20.283	2837	2841	2845	rVB	25390	38333	2.50%	0.206%
67	20.336	2846	2850	2858	rVB8	7767	21769	1.42%	0.117%
68	20.424	2858	2865	2873	rBV5	34139	82619	5.40%	0.444%
69	20.500	2874	2878	2881	rBV6	8096	14157	0.92%	0.076%
70	20.588	2881	2893	2900	rBV3	66118	181016	11.82%	0.972%
71	20.688	2901	2910	2914	rBV2	51738	95548	6.24%	0.513%

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72	20.753	2915	2921	2926	rVB3	34720	72971	4.77%	0.392%
73	20.894	2940	2945	2949	rBV2	18473	35452	2.32%	0.190%
74	20.947	2950	2954	2965	rVB7	33395	70767	4.62%	0.380%
75	21.070	2971	2975	2986	rVB8	25202	39201	2.56%	0.211%
76	21.205	2993	2998	3001	rBV7	12262	25868	1.69%	0.139%
77	21.340	3015	3021	3022	rBV4	14604	28360	1.85%	0.152%
78	21.393	3025	3030	3038	rVB8	30869	60582	3.96%	0.325%
79	21.605	3054	3066	3076	rBV9	50753	195305	12.76%	1.049%
80	21.687	3076	3080	3085	rVV4	19690	32313	2.11%	0.174%
81	22.034	3130	3139	3145	rBV2	604851	1334223	87.14%	7.167%
82	22.087	3145	3148	3160	rVB	114480	208039	13.59%	1.118%
83	22.186	3161	3165	3171	rVB6	19360	35410	2.31%	0.190%
84	22.257	3171	3177	3182	rBV10	17604	37263	2.43%	0.200%
85	22.327	3184	3189	3194	rBV2	23303	47860	3.13%	0.257%
86	22.827	3265	3274	3282	rBV4	35912	117224	7.66%	0.630%
87	23.262	3345	3348	3355	rVB9	10001	16686	1.09%	0.090%
88	23.591	3397	3404	3412	rBV3	37410	79035	5.16%	0.425%
89	23.796	3436	3439	3450	rVB10	15476	42635	2.78%	0.229%
90	24.454	3536	3551	3565	rBV5	75182	397426	25.96%	2.135%
91	24.701	3588	3593	3603	rVB	32094	84521	5.52%	0.454%
92	25.212	3671	3680	3685	rBV3	31595	97443	6.36%	0.523%
93	25.295	3685	3694	3703	rBV2	324941	978207	63.89%	5.255%
94	25.535	3719	3735	3746	rBV3	297005	1093804	71.44%	5.876%
95	26.716	3927	3936	3947	rVB4	53186	173508	11.33%	0.932%
96	28.197	4177	4188	4200	rBV5	47546	166231	10.86%	0.893%
97	29.537	4407	4416	4433	rBV4	24449	110352	7.21%	0.593%
98	29.966	4479	4489	4501	rBV7	29964	130856	8.55%	0.703%
99	30.782	4620	4628	4630	rBV8	11931	25071	1.64%	0.135%
100	32.134	4836	4858	4871	rBV10	29169	169253	11.05%	0.909%

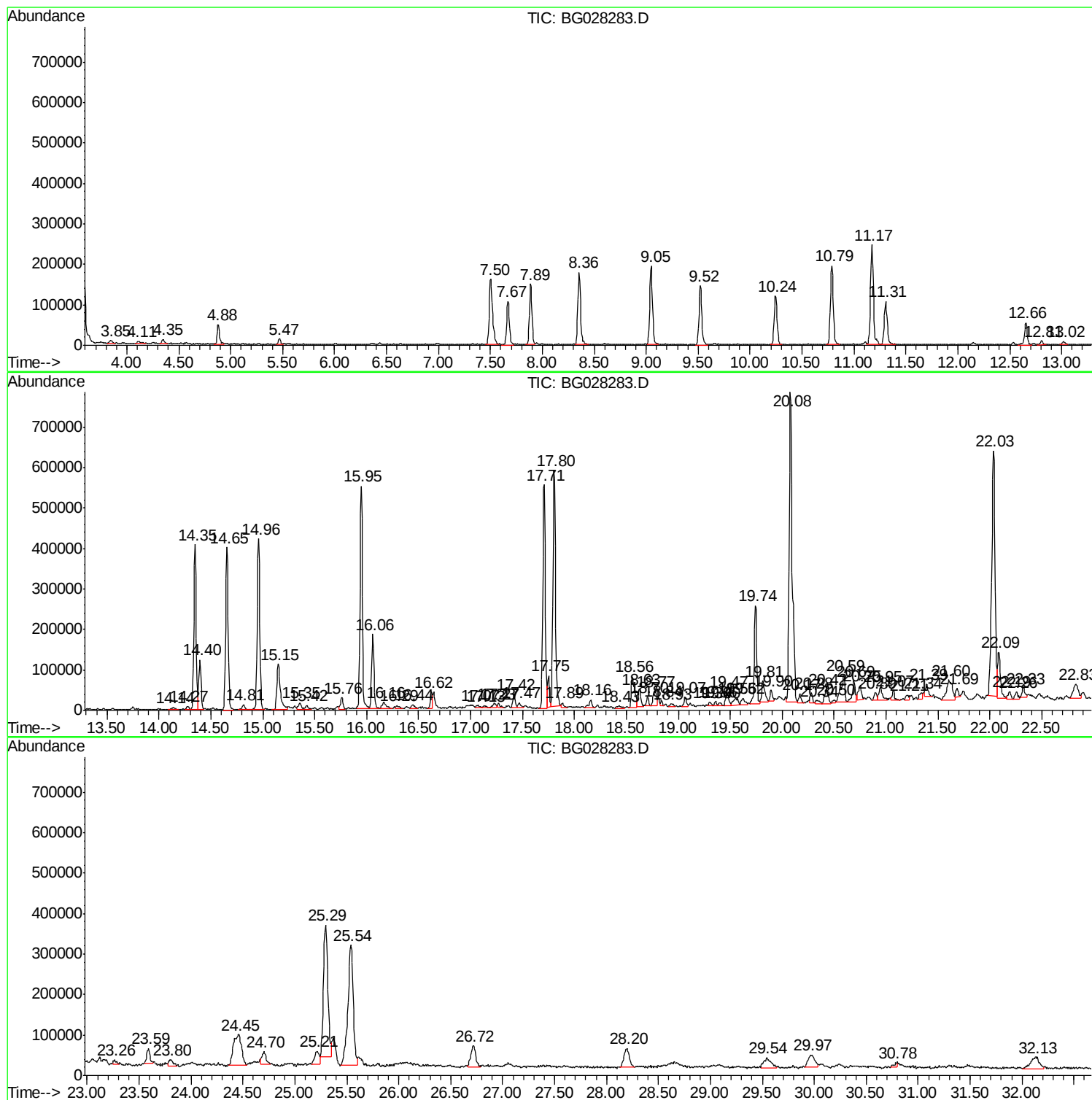
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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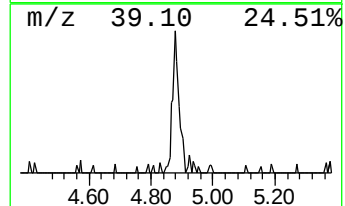
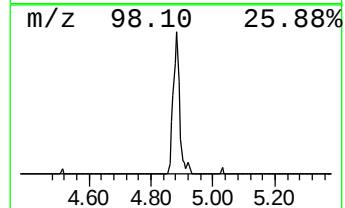
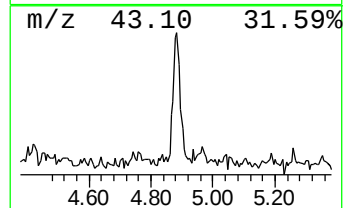
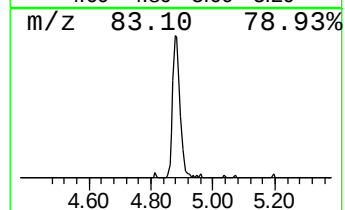
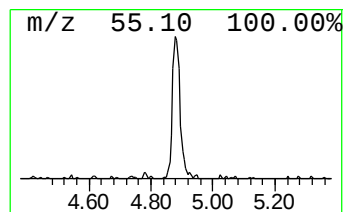
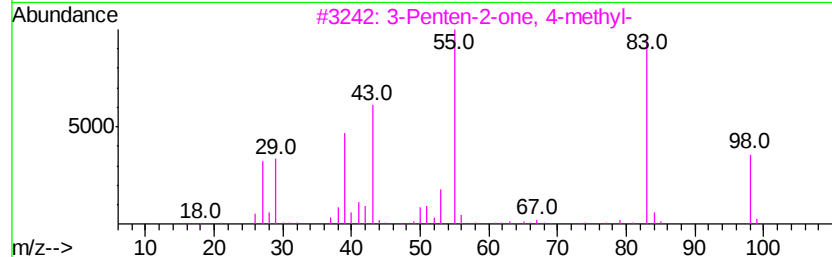
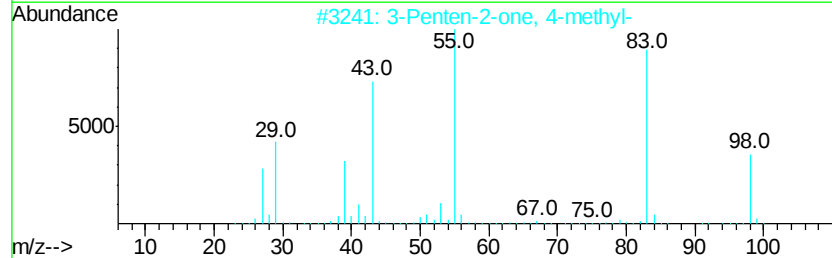
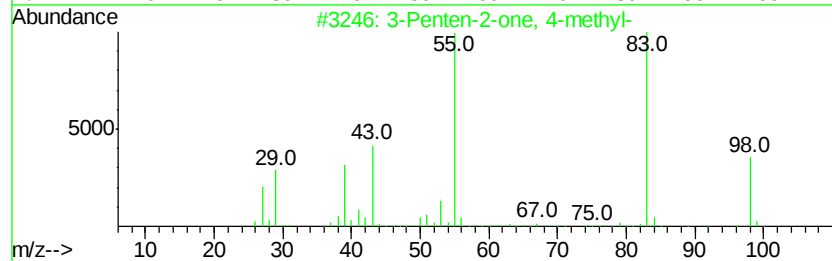
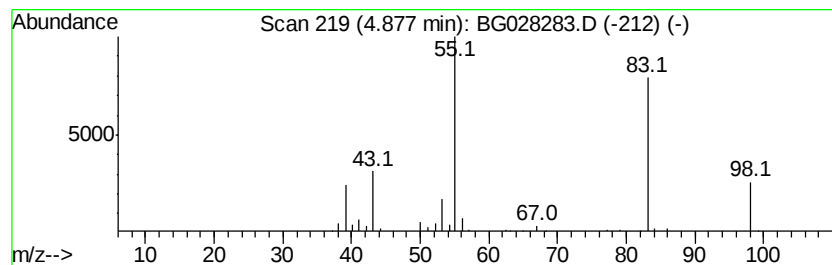
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	4.87 ng/ul	81249	1,4-Dichlorobenzene-d4	8.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
2		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	80
3		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	64



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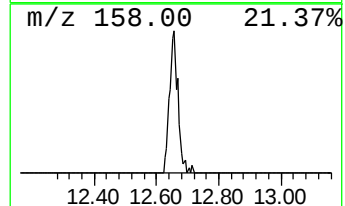
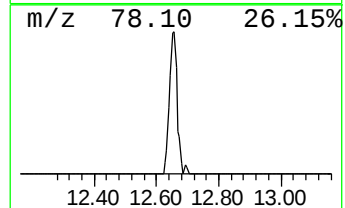
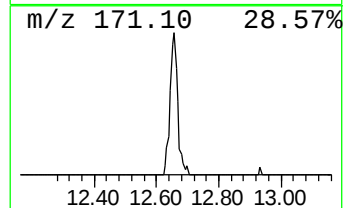
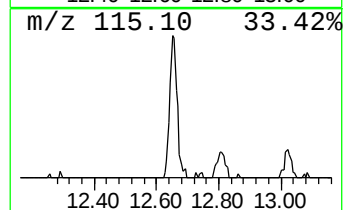
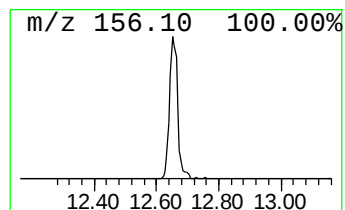
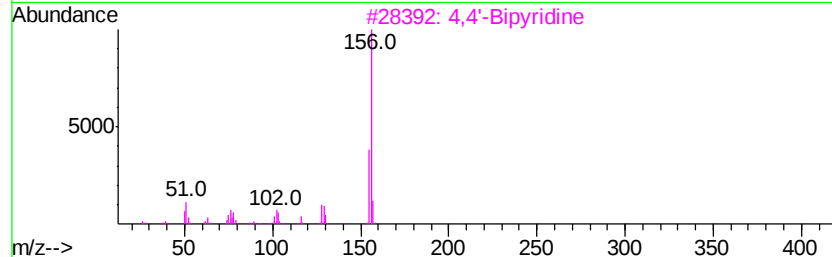
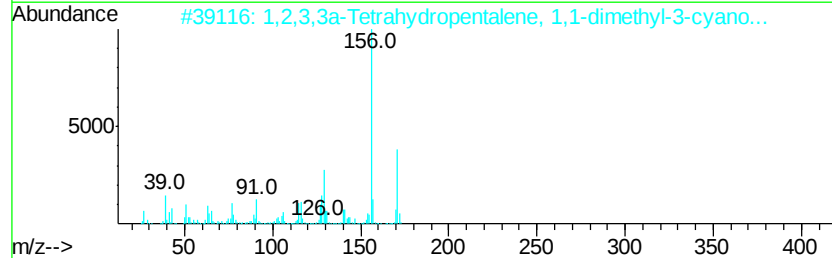
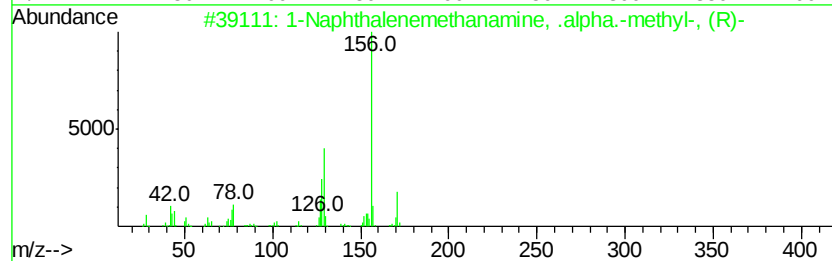
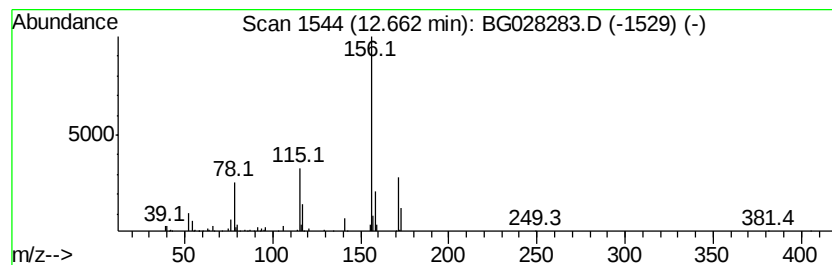
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	4.29 ng/ul	104911	Naphthalene-d8	11.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Naphthalenemethanamine, .alpha...	171 C12H13N	003886-70-2	37
2	1,2,3,3a-Tetrahydropentalene, 1,...	171 C12H13N	1000217-17-0	32
3	4,4'-Bipyrindine	156 C10H8N2	000553-26-4	27
4	Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156 C12H12	065050-80-8	25
5	Quinoline, 8-propyl-	171 C12H13N	007661-53-2	25



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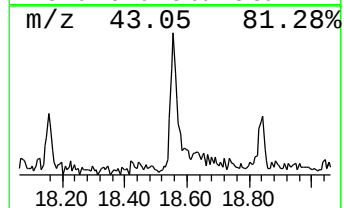
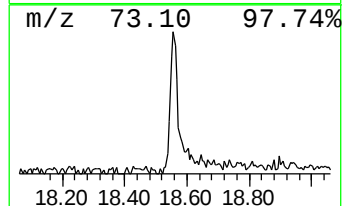
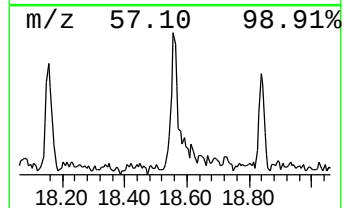
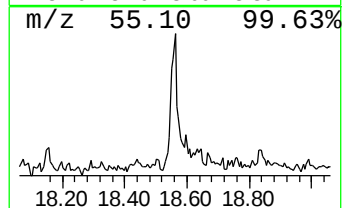
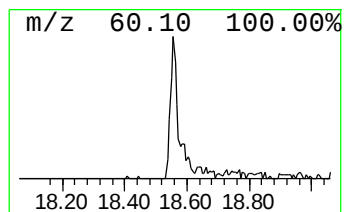
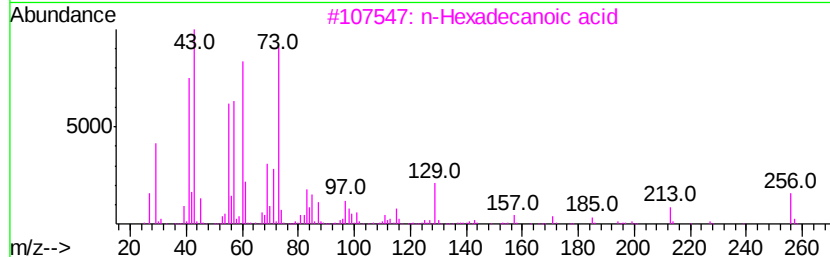
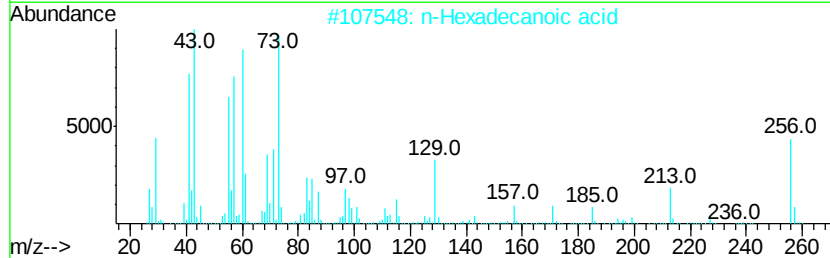
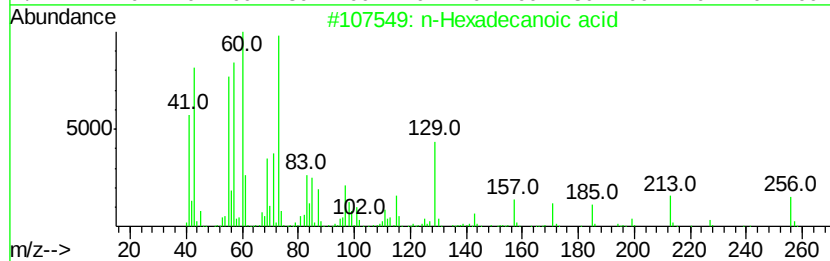
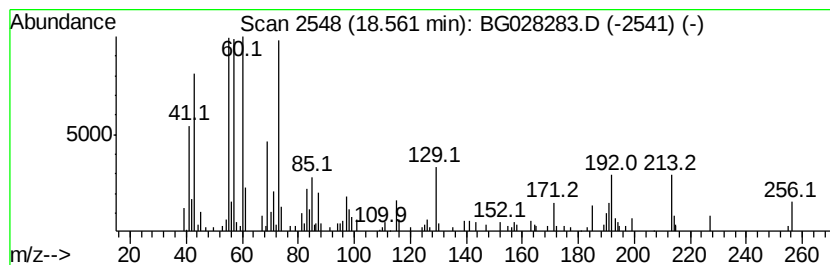
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.95 ng/ul	181130	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4		Undecanoic acid	186	C11H22O2	000112-37-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	38



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028283.D
Acq On : 11 Aug 2017 7:13
Operator : SJ/JU
Sample : I4550-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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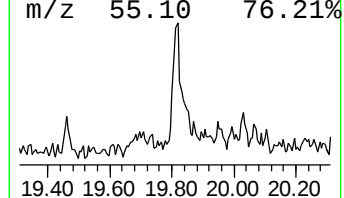
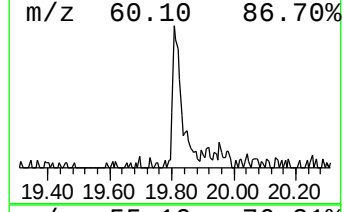
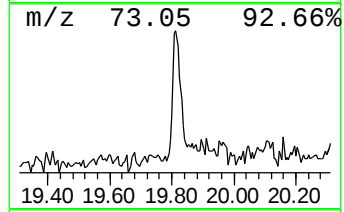
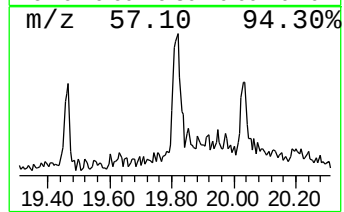
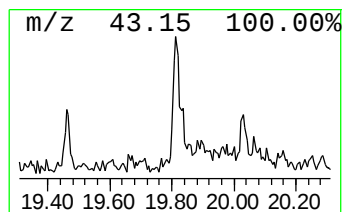
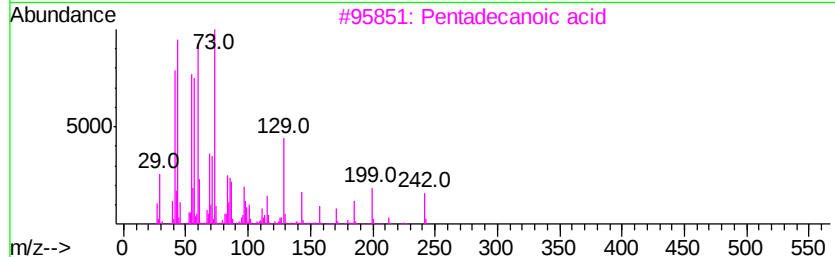
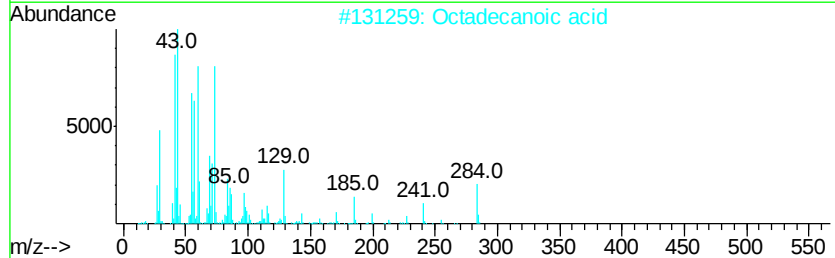
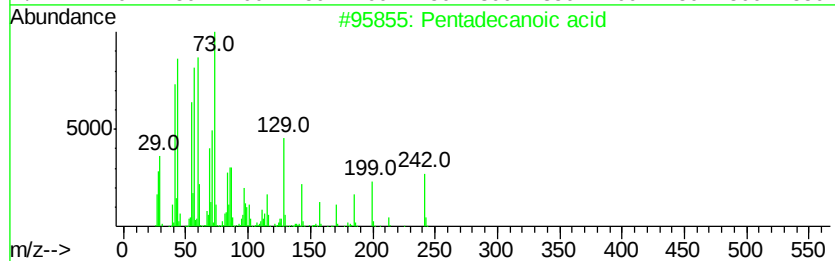
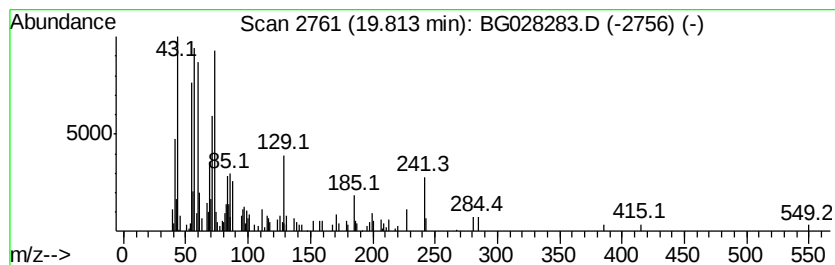
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.34 ng/ul	107223	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2			Octadecanoic acid	284	C18H36O2	000057-11-4	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4			Octadecanoic acid	284	C18H36O2	000057-11-4	81
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028283.D
Acq On : 11 Aug 2017 7:13
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Instrument :
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ClientSampleId :
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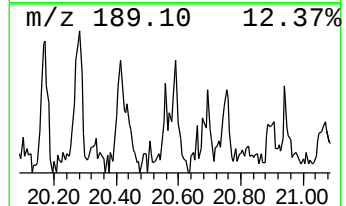
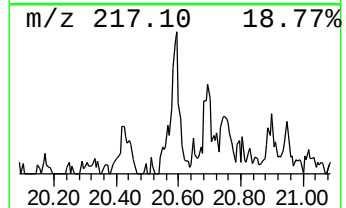
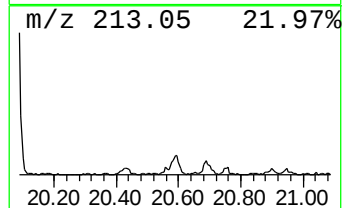
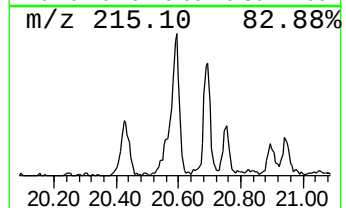
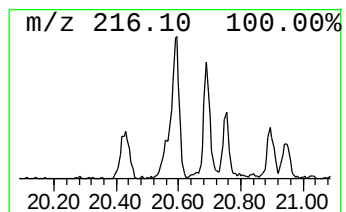
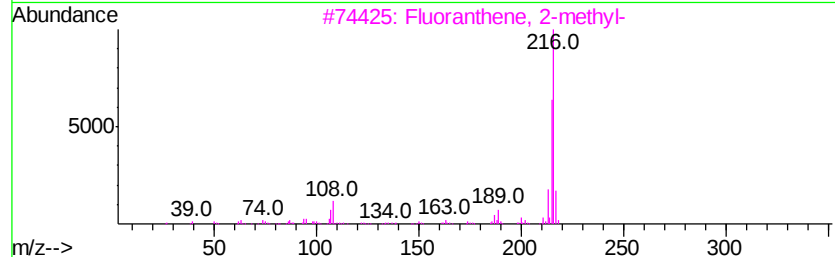
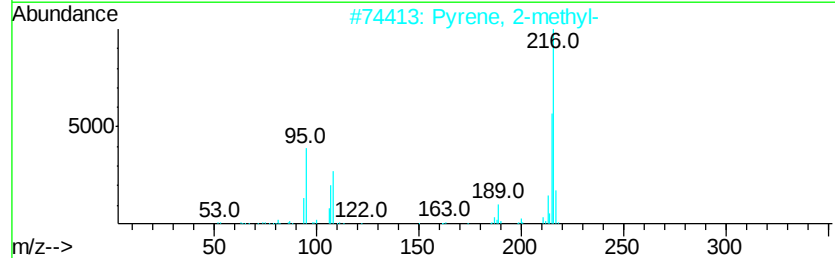
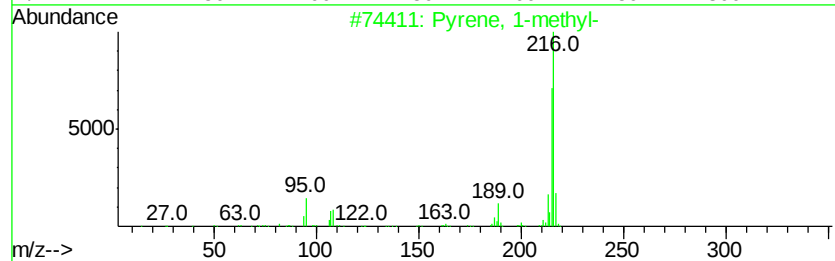
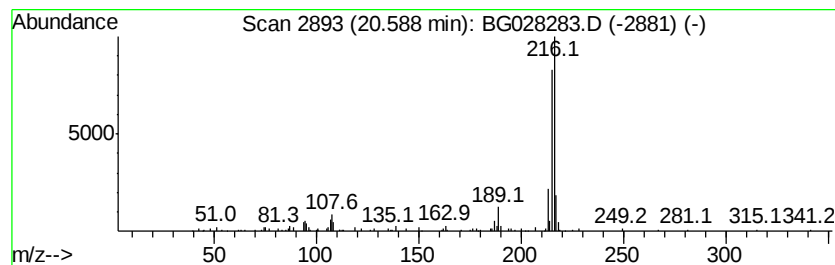
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	2.71 ng/ul	181016	Chrysene-d12	22.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028283.D
Acq On : 11 Aug 2017 7:13
Operator : SJ/JU
Sample : I4550-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

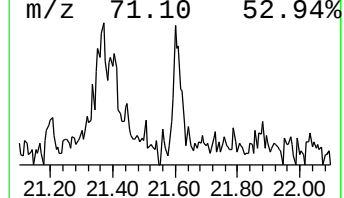
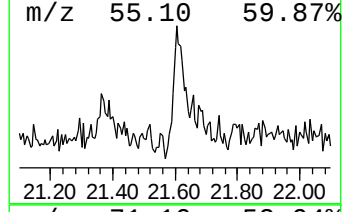
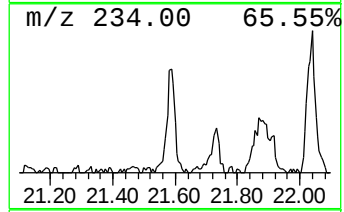
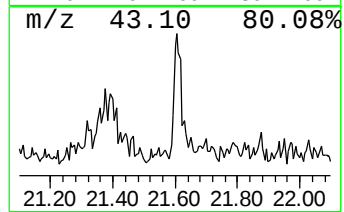
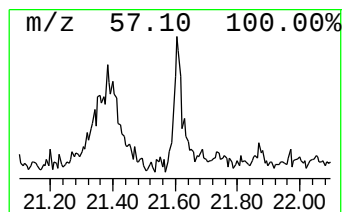
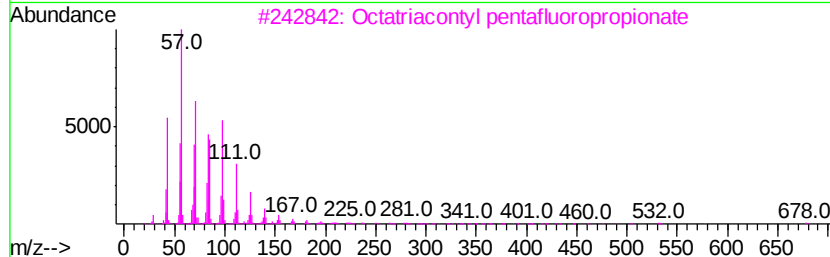
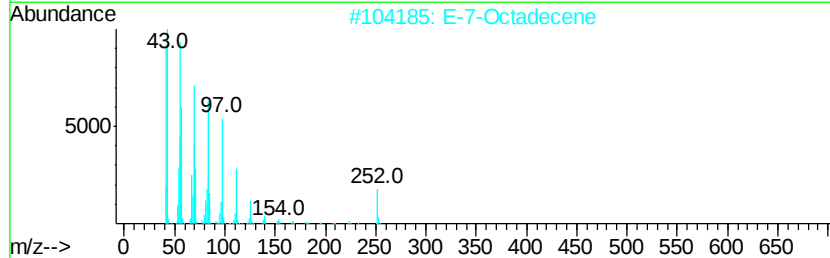
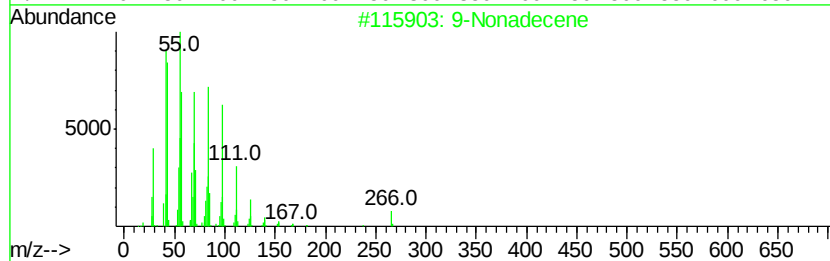
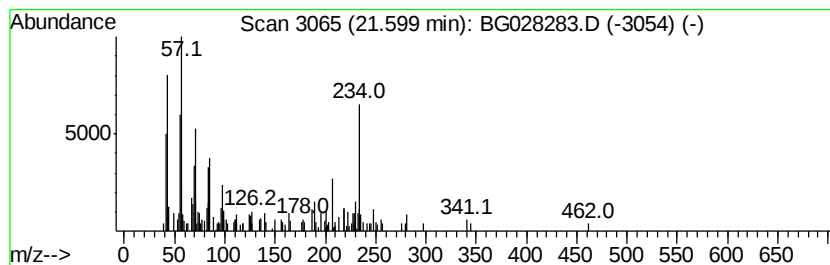
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.60 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.60	2.93 ng/ul	195305	Chrysene-d12	22.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	45
2	E-7-Octadecene	252	C18H36	1000130-92-0	43
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	38
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	38
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	38



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028283.D
Acq On : 11 Aug 2017 7:13
Operator : SJ/JU
Sample : I4550-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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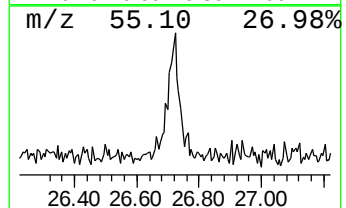
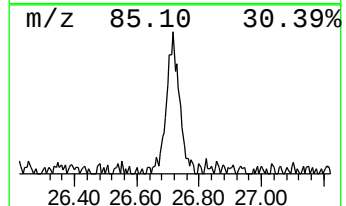
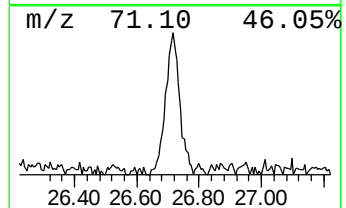
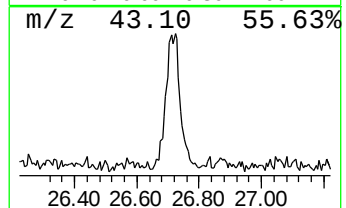
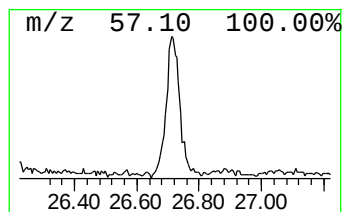
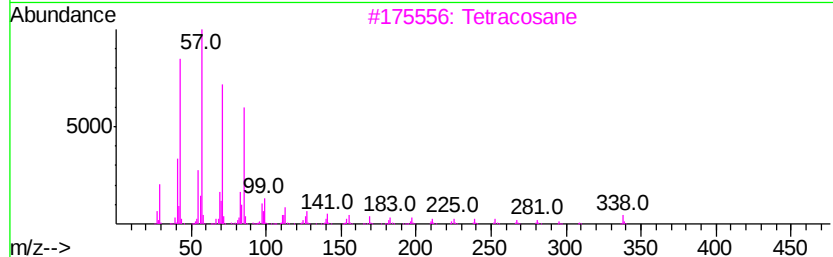
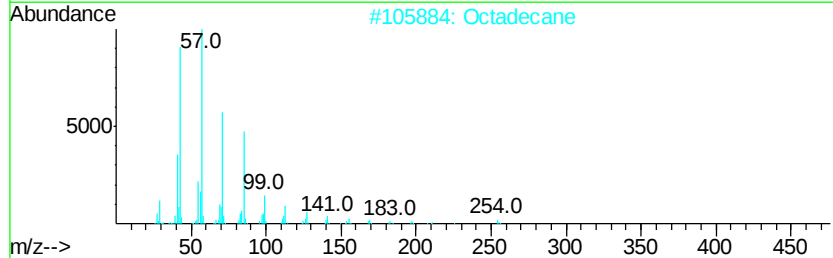
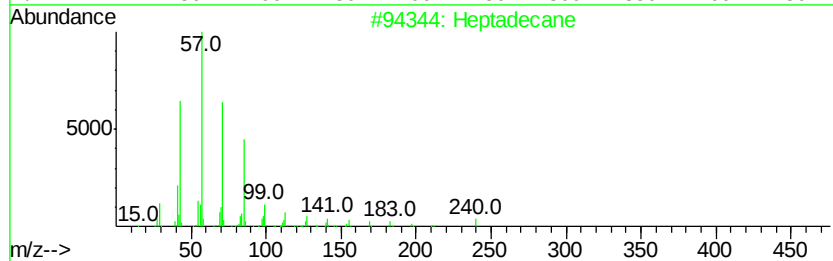
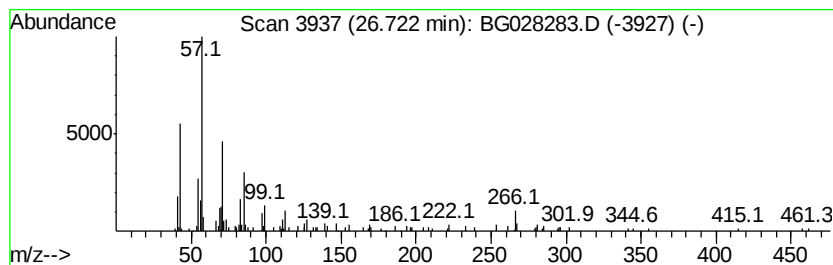
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	3.17 ng/ul	173508	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Octadecane	254	C18H38	000593-45-3	72
3		Tetracosane	338	C24H50	000646-31-1	72
4		Tetracosane	338	C24H50	000646-31-1	72
5		Heptadecane	240	C17H36	000629-78-7	68



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028283.D
Acq On : 11 Aug 2017 7:13
Operator : SJ/JU
Sample : I4550-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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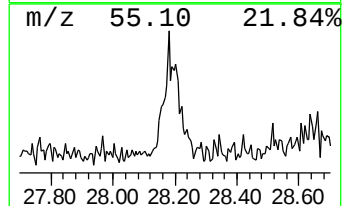
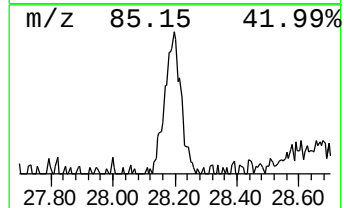
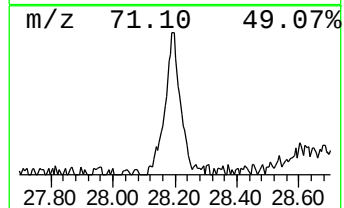
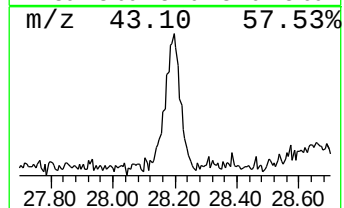
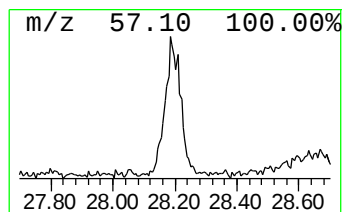
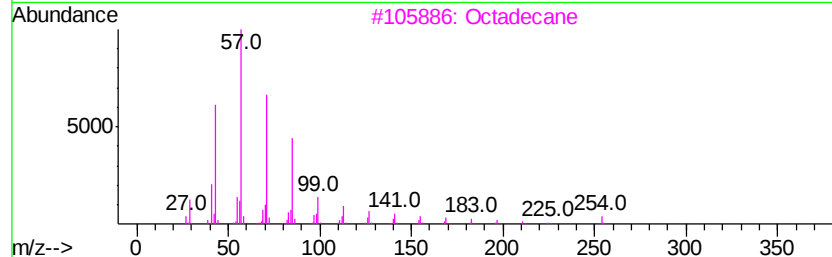
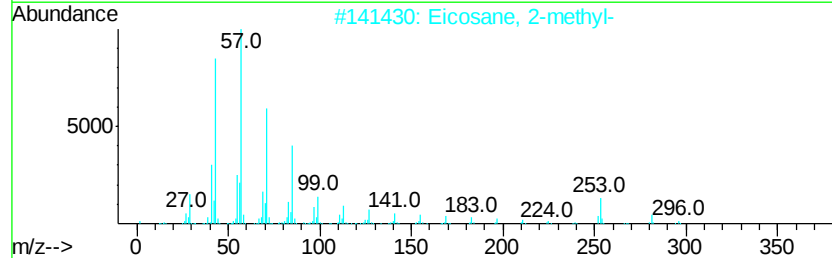
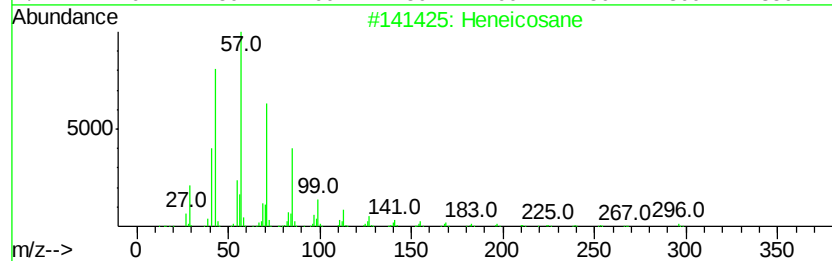
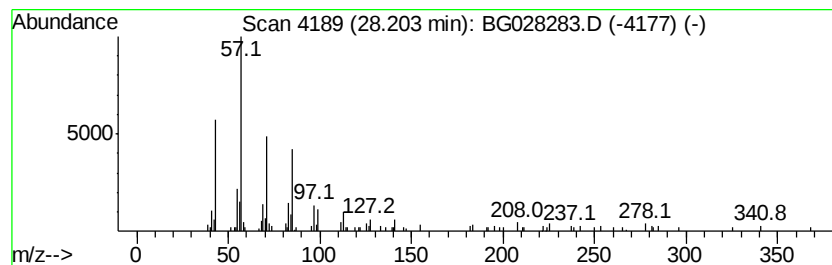
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.20	3.04 ng/ul	166231	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3		Octadecane	254	C18H38	000593-45-3	89
4		Pentadecane	212	C15H32	000629-62-9	89
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028283.D
Acq On : 11 Aug 2017 7:13
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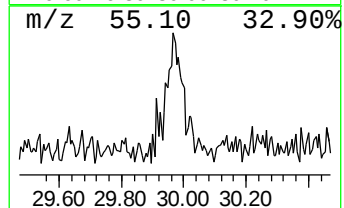
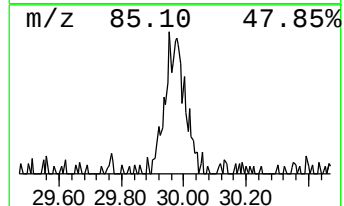
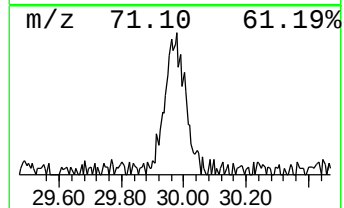
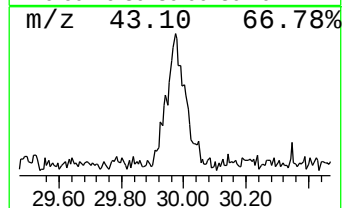
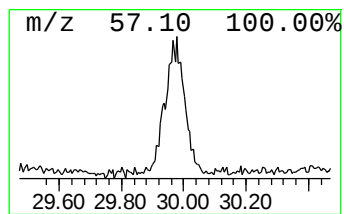
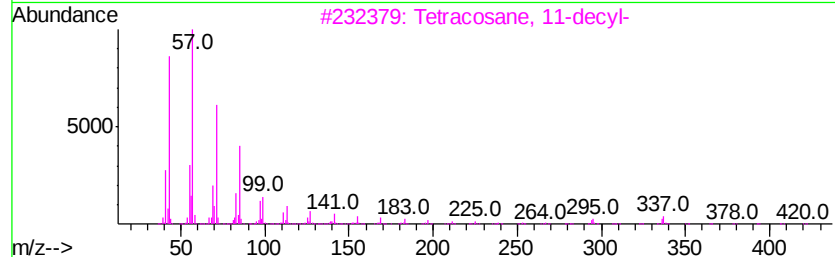
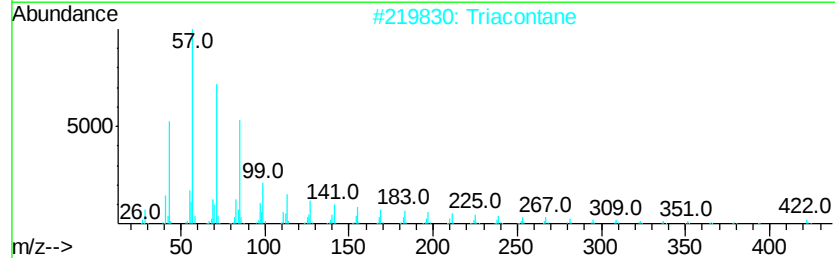
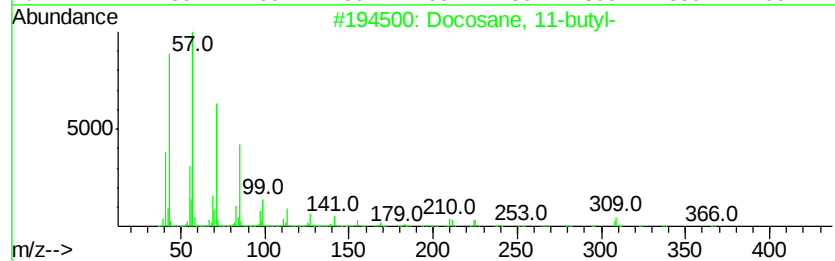
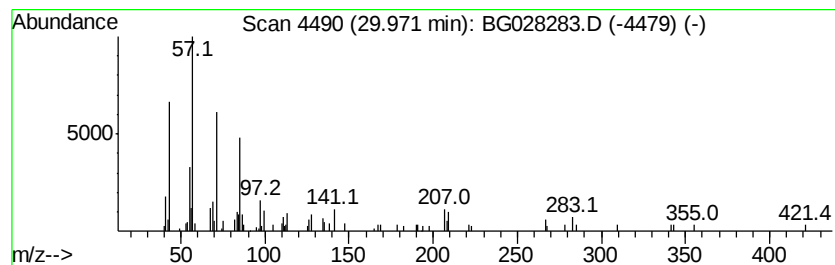
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.97	2.39 ng/ul	130856	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	64
2		Triacontane	422	C30H62	000638-68-6	64
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	64
4		Tetracosane	338	C24H50	000646-31-1	64
5		Hentriacontane	437	C31H64	000630-04-6	64



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028283.D
Acq On : 11 Aug 2017 7:13
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ClientSampleId :
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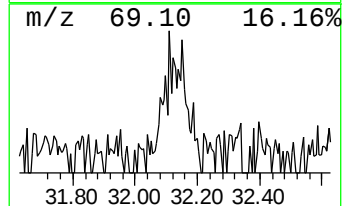
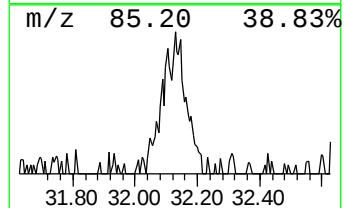
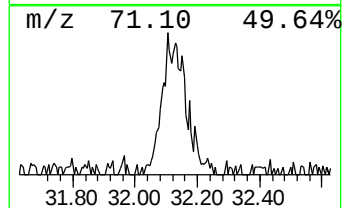
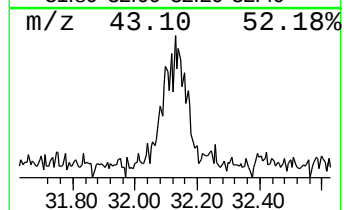
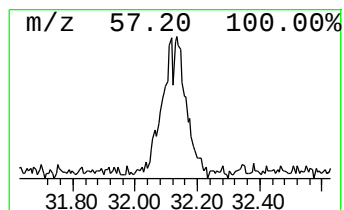
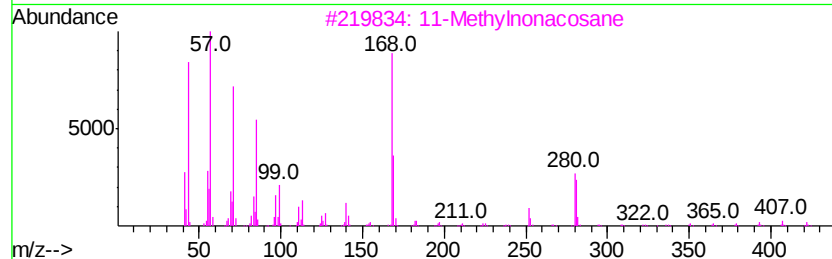
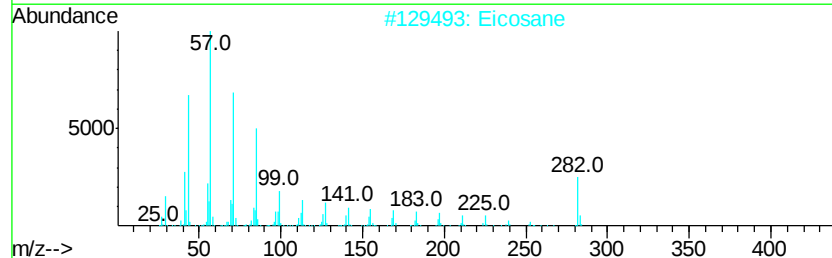
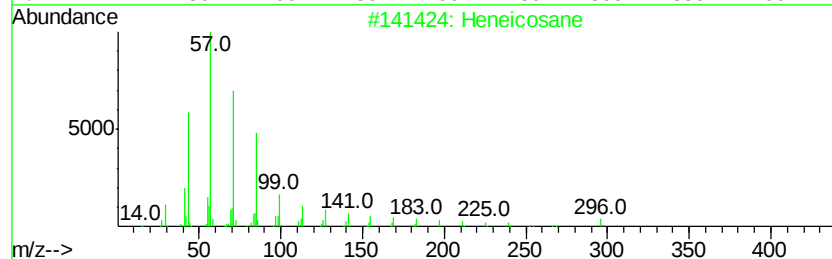
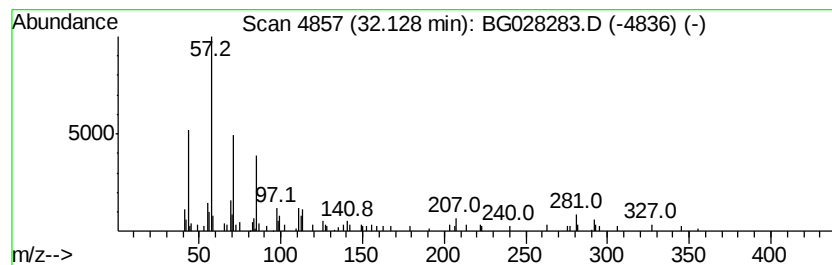
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.13	3.09 ng/ul	169253	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	58
2		Eicosane	282	C20H42	000112-95-8	50
3		11-Methylnonacosane	422	C30H62	007371-99-5	50
4		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	49
5		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	49



Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
 Data File : BG028283.D
 Acq On : 11 Aug 2017 7:13
 Operator : SJ/JU
 Sample : I4550-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
3-Penten-2-one, 4...	4.88	4.9	ng/ul	81249	1	8.36	333401	20.0
unknown-01	12.66	4.3	ng/ul	104911	2	11.17	488751	20.0
n-Hexadecanoic acid	18.56	4.0	ng/ul	181130	4	17.71	916441	20.0
Pentadecanoic acid	19.81	2.3	ng/ul	107223	4	17.71	916441	20.0
Pyrene, 1-methyl-	20.59	2.7	ng/ul	181016	5	22.03	1334220	20.0
(DEL) Alkane: Cyc...	21.60	2.9	ng/ul	195305	5	22.03	1334220	20.0
(DEL) Alkane: Str...	26.72	3.2	ng/ul	173508	6	25.54	1093800	20.0
(DEL) Alkane: Str...	28.20	3.0	ng/ul	166231	6	25.54	1093800	20.0
(DEL) Alkane: Str...	29.97	2.4	ng/ul	130856	6	25.54	1093800	20.0
(DEL) Alkane: Str...	32.13	3.1	ng/ul	169253	6	25.54	1093800	20.0