

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030605.D
 Acq On : 31 Oct 2017 7:53
 Operator : SJ/JU
 Sample : I5886-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESNF4

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	3.549	40	44	53	rVB3	8615	15553	0.96%	0.083%
2	3.978	115	117	124	rVB8	4764	6455	0.40%	0.035%
3	4.078	129	134	143	rVB4	11938	20996	1.29%	0.112%
4	4.877	267	270	280	rVB7	2967	5463	0.34%	0.029%
5	5.241	326	332	338	rBV3	8339	15774	0.97%	0.084%
6	5.335	343	348	357	rVB7	4968	11418	0.70%	0.061%
7	5.476	367	372	381	rVB5	2657	7325	0.45%	0.039%
8	7.315	677	685	697	rBV2	133010	274628	16.86%	1.470%
9	7.480	702	713	723	rBV	125042	206012	12.65%	1.103%
10	7.691	740	749	758	rBV	141764	249977	15.35%	1.338%
11	7.773	758	763	773	rVB6	3043	6828	0.42%	0.037%
12	8.161	818	829	842	rVB	254924	442288	27.16%	2.368%
13	8.866	942	949	959	rBV	99205	183628	11.28%	0.983%
14	9.324	1019	1027	1034	rBV	152587	277906	17.06%	1.488%
15	9.389	1034	1038	1044	rVB2	11316	16817	1.03%	0.090%
16	9.471	1051	1052	1062	rVB4	2157	5240	0.32%	0.028%
17	9.730	1090	1096	1103	rVB2	7191	10882	0.67%	0.058%
18	10.053	1144	1151	1163	rBV	131386	246301	15.12%	1.319%
19	10.217	1175	1179	1186	rVB6	2433	5500	0.34%	0.029%
20	10.388	1203	1208	1210	rBV3	3465	5517	0.34%	0.030%
21	10.594	1236	1243	1262	rBV	190072	359740	22.09%	1.926%
22	10.975	1293	1308	1317	rBV	417214	801004	49.18%	4.289%
23	11.105	1323	1330	1343	rBV2	99202	202535	12.44%	1.084%
24	11.669	1422	1426	1432	rVV4	3798	5415	0.33%	0.029%
25	11.792	1442	1447	1452	rBV6	4240	5490	0.34%	0.029%
26	11.880	1457	1462	1469	rBV6	4874	9750	0.60%	0.052%
27	11.974	1471	1478	1484	rBV5	10821	19682	1.21%	0.105%
28	12.274	1515	1529	1537	rBV2	25194	49852	3.06%	0.267%
29	12.362	1537	1544	1554	rBV2	32613	54296	3.33%	0.291%
30	12.550	1571	1576	1579	rBV3	4094	6737	0.41%	0.036%
31	12.621	1586	1588	1594	rVB5	4110	6812	0.42%	0.036%
32	12.844	1618	1626	1636	rVB7	3931	9179	0.56%	0.049%
33	13.038	1654	1659	1661	rVV5	3132	5486	0.34%	0.029%
34	13.167	1674	1681	1687	rVB6	5426	12195	0.75%	0.065%

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35	13.255	1687	1696	1699	rBV7	3809	7446	0.46%	0.040%
36	13.308	1699	1705	1711	rVB5	11295	17523	1.08%	0.094%
37	13.378	1713	1717	1728	rVB6	4630	8407	0.52%	0.045%
38	13.590	1746	1753	1759	rBV	35918	54211	3.33%	0.290%
39	14.107	1836	1841	1845	rBV5	6212	12062	0.74%	0.065%
40	14.172	1845	1852	1857	rVV	411036	594586	36.51%	3.184%
41	14.219	1857	1860	1868	rVB3	31452	58261	3.58%	0.312%
42	14.471	1895	1903	1912	rBV	468341	758832	46.60%	4.063%
43	14.653	1930	1934	1942	rVB	32029	44869	2.76%	0.240%
44	14.777	1942	1955	1967	rVV2	708206	1137515	69.85%	6.091%
45	14.971	1980	1988	1999	rBV	63133	138982	8.53%	0.744%
46	15.059	1999	2003	2008	rVV5	6868	14721	0.90%	0.079%
47	15.112	2008	2012	2018	rVV6	8232	17452	1.07%	0.093%
48	15.182	2018	2024	2033	rVV6	9466	23487	1.44%	0.126%
49	15.270	2033	2039	2044	rVB8	5414	13446	0.83%	0.072%
50	15.388	2055	2059	2065	rBV6	3202	6024	0.37%	0.032%
51	15.564	2082	2089	2092	rVV5	6293	14111	0.87%	0.076%
52	15.599	2092	2095	2101	rVB2	25297	30167	1.85%	0.162%
53	15.764	2116	2123	2137	rBV	623040	956776	58.75%	5.123%
54	15.881	2137	2143	2155	rVV	84766	137587	8.45%	0.737%
55	16.005	2159	2164	2172	rBV4	13571	21081	1.29%	0.113%
56	16.122	2177	2184	2198	rVB	177149	276292	16.97%	1.479%
57	16.222	2198	2201	2205	rBV4	4081	5765	0.35%	0.031%
58	16.481	2237	2245	2252	rBV2	29826	63576	3.90%	0.340%
59	16.539	2252	2255	2260	rVB6	4010	5657	0.35%	0.030%
60	16.639	2266	2272	2277	rBV8	4045	9200	0.56%	0.049%
61	16.727	2280	2287	2292	rBV	23875	35945	2.21%	0.192%
62	16.810	2294	2301	2306	rBV	72450	123083	7.56%	0.659%
63	16.863	2306	2310	2312	rBV3	13675	19139	1.18%	0.102%
64	16.892	2313	2315	2319	rVB	16688	18746	1.15%	0.100%
65	17.045	2334	2341	2349	rBV4	23463	47478	2.92%	0.254%
66	17.104	2349	2351	2358	rVB7	3698	5427	0.33%	0.029%
67	17.250	2371	2376	2381	rBV5	11324	18886	1.16%	0.101%
68	17.297	2381	2384	2387	rVV3	9046	11926	0.73%	0.064%
69	17.333	2387	2390	2395	rVB	21647	31015	1.90%	0.166%
70	17.515	2411	2421	2432	rBV2	896294	1373094	84.31%	7.352%
71	17.615	2432	2438	2447	rVB2	602167	938451	57.62%	5.025%

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72	17.685	2449	2450	2455	rVB4	6758	8528	0.52%	0.046%
73	17.879	2479	2483	2485	rVB5	6105	7763	0.48%	0.042%
74	17.914	2486	2489	2496	rVB8	5761	11393	0.70%	0.061%
75	17.985	2498	2501	2506	rBV5	10300	13224	0.81%	0.071%
76	18.167	2527	2532	2534	rBV6	5154	7112	0.44%	0.038%
77	18.237	2539	2544	2547	rBV2	5600	7106	0.44%	0.038%
78	18.378	2560	2568	2573	rBV10	15869	32485	1.99%	0.174%
79	18.437	2574	2578	2585	rVB8	9927	16455	1.01%	0.088%
80	18.578	2598	2602	2606	rBV6	6714	14358	0.88%	0.077%
81	18.672	2614	2618	2623	rBV	20257	25855	1.59%	0.138%
82	18.737	2625	2629	2634	rBV7	8845	15092	0.93%	0.081%
83	18.890	2650	2655	2657	rVB6	8172	11818	0.73%	0.063%
84	18.925	2657	2661	2671	rBV6	9883	21311	1.31%	0.114%
85	19.230	2710	2713	2720	rBV6	22210	38034	2.34%	0.204%
86	19.301	2721	2725	2730	rVB	48564	60692	3.73%	0.325%
87	19.554	2759	2768	2775	rBV2	53997	100915	6.20%	0.540%
88	19.789	2804	2808	2812	rVB7	16318	24720	1.52%	0.132%
89	19.889	2817	2825	2836	rBV	808694	1376890	84.55%	7.372%
90	20.394	2908	2911	2917	rVB	189933	226562	13.91%	1.213%
91	20.893	2991	2996	3002	rVB	196942	226896	13.93%	1.215%
92	21.404	3078	3083	3096	rVB	213248	313104	19.23%	1.676%
93	21.786	3140	3148	3161	rBV2	906949	1628139	99.97%	8.718%
94	21.968	3174	3179	3184	rVB	95442	136690	8.39%	0.732%
95	22.591	3280	3285	3299	rBV	82075	176772	10.85%	0.946%
96	23.296	3401	3405	3414	rVB2	57802	105128	6.46%	0.563%
97	24.125	3540	3546	3554	rVB2	154186	332252	20.40%	1.779%
98	24.871	3664	3673	3696	rVB2	380591	1124844	69.07%	6.023%
99	25.106	3702	3713	3725	rBV	561673	1628569	100.00%	8.720%
100	26.275	3903	3912	3925	rVB3	127011	369900	22.71%	1.981%

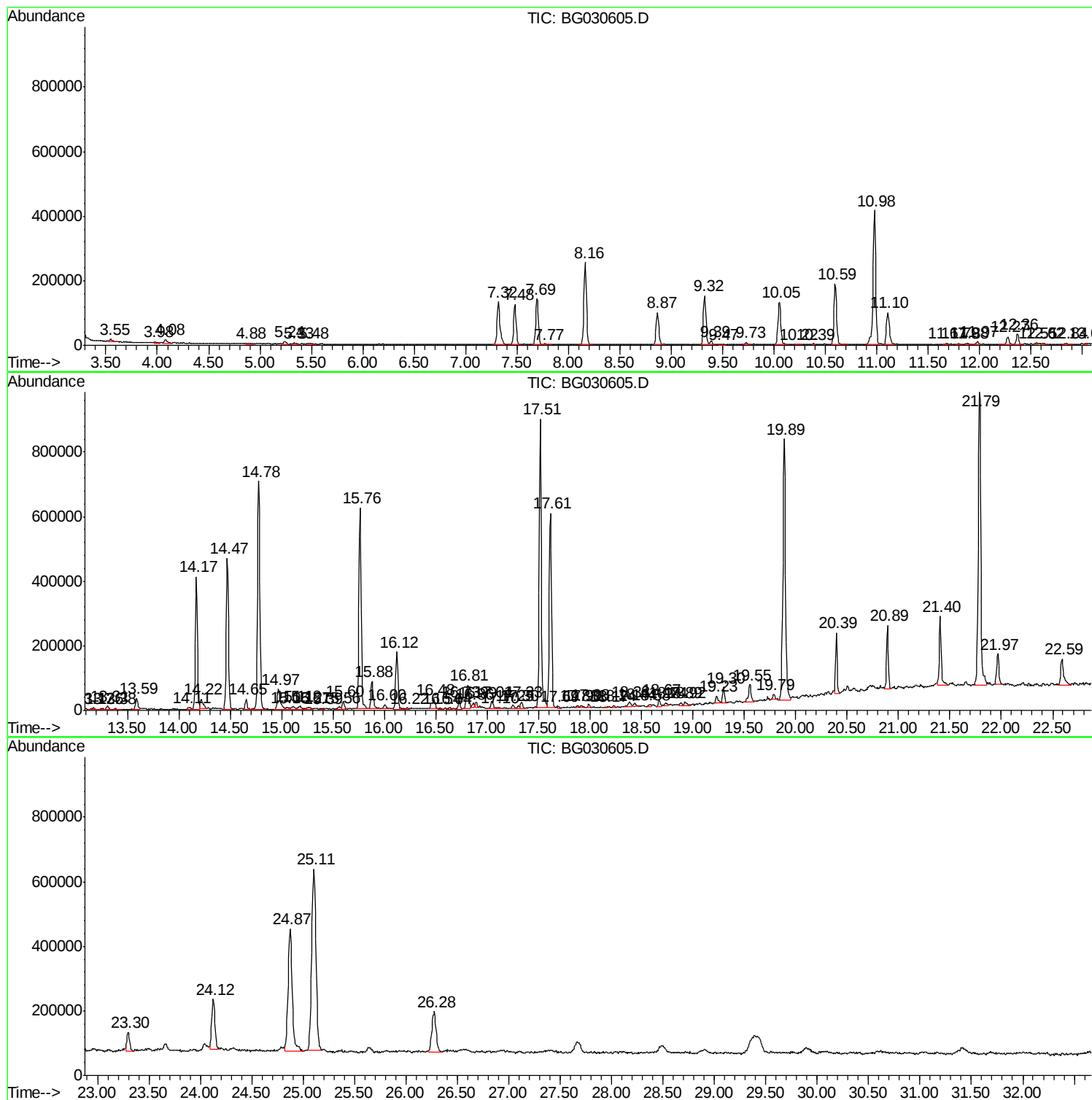
Sum of corrected areas: 18676514

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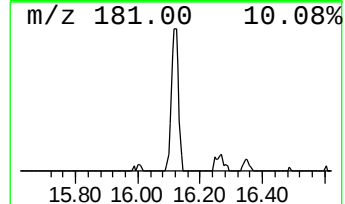
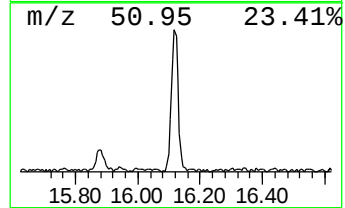
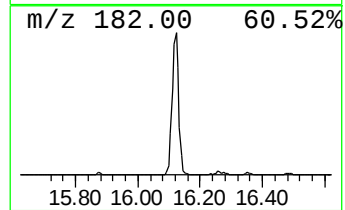
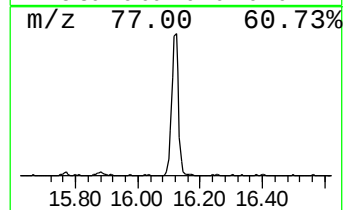
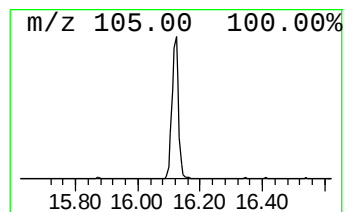
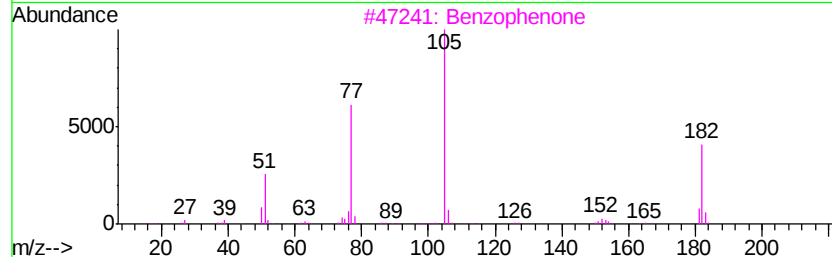
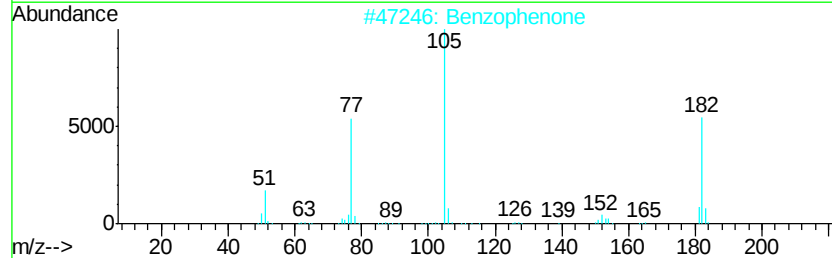
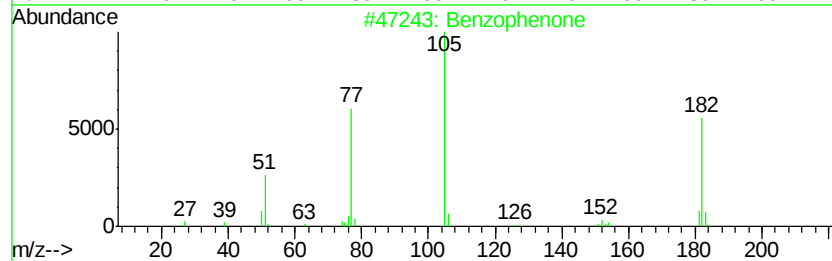
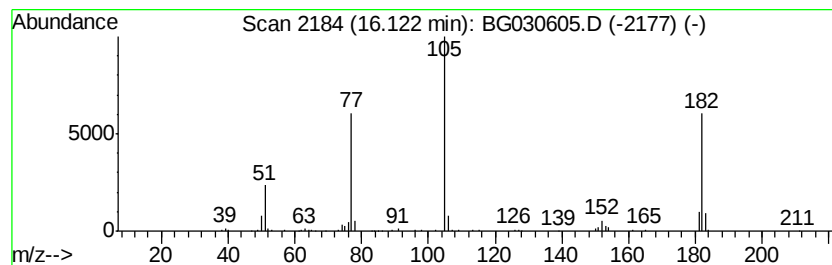
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	4.86 ng/ul	276292	Acenaphthene-d10	14.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	91



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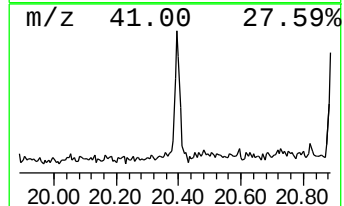
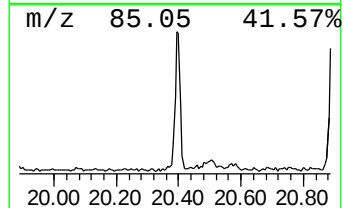
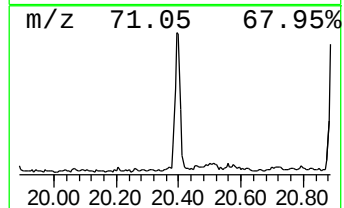
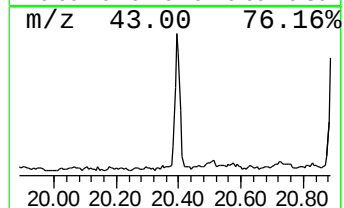
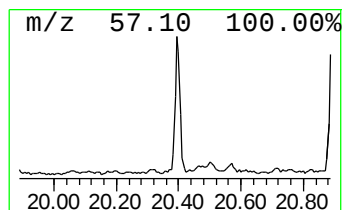
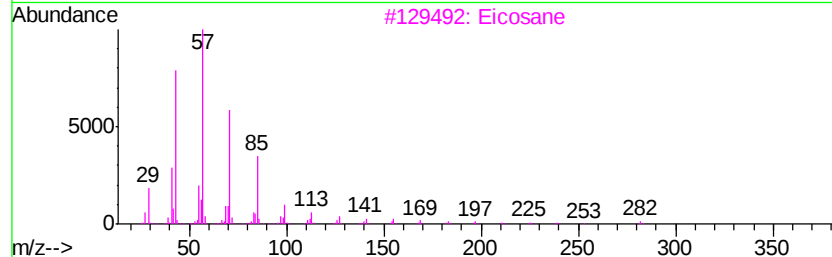
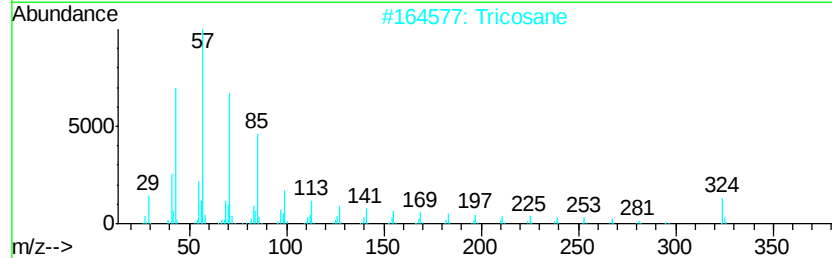
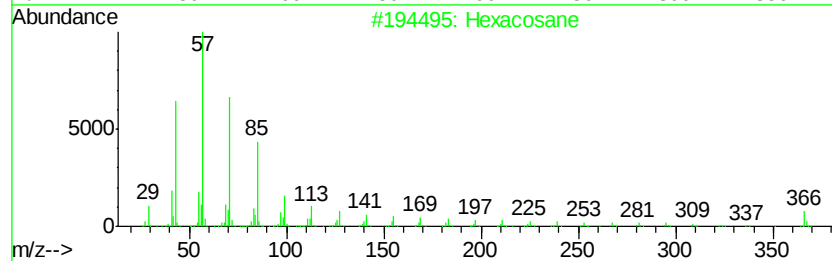
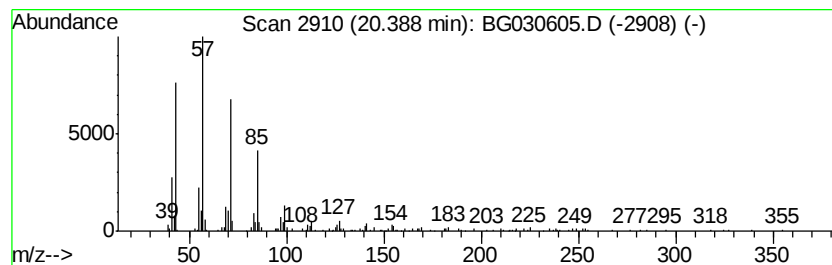
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.78 ng/ul	226562	Chrysene-d12	21.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	95
2			Tricosane	324	C23H48	000638-67-5	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Docosane	310	C22H46	000629-97-0	91



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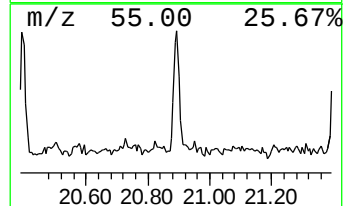
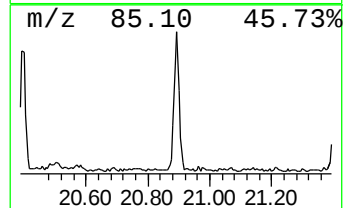
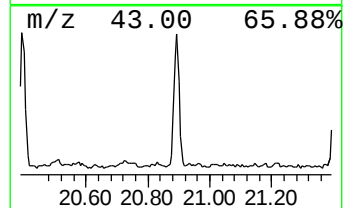
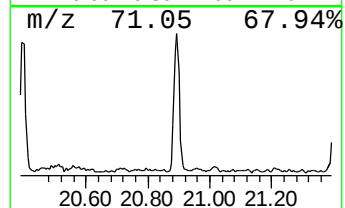
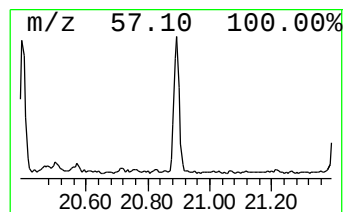
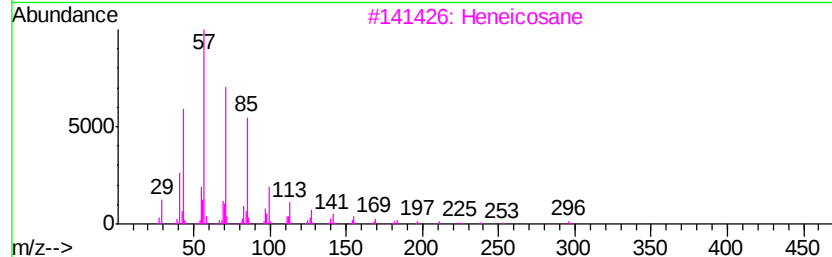
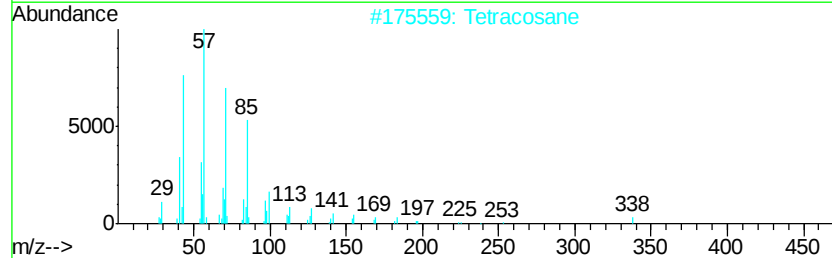
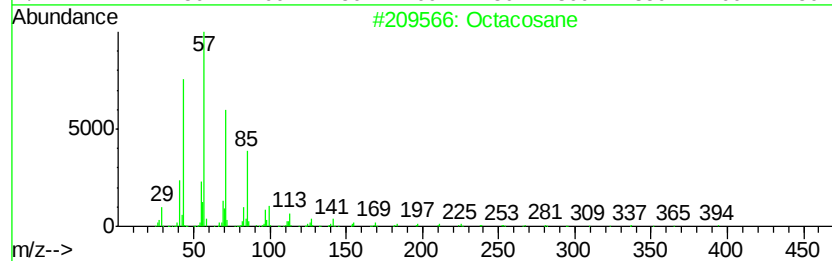
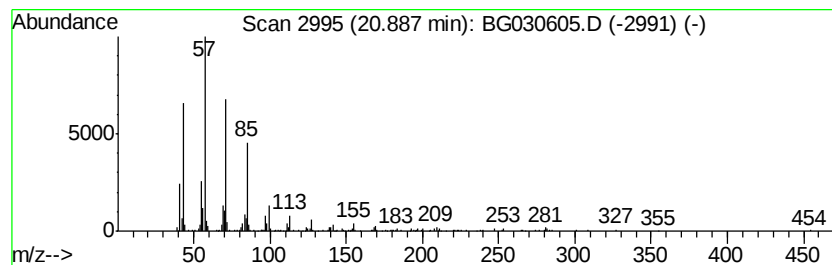
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.79 ng/ul	226896	Chrysene-d12	21.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		Nonadecane	268	C19H40	000629-92-5	87



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Sample : I5886-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESNF4

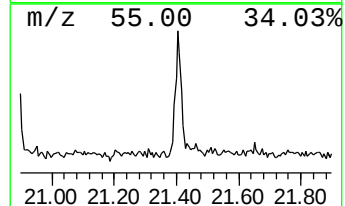
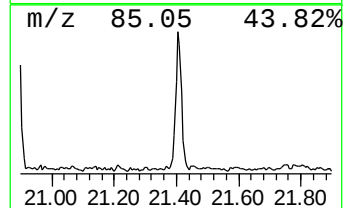
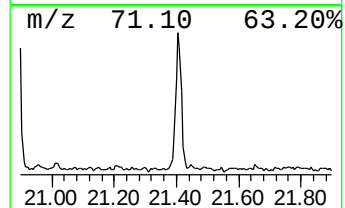
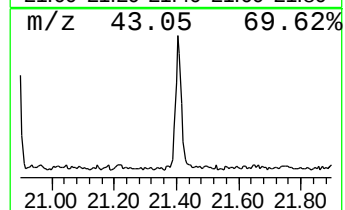
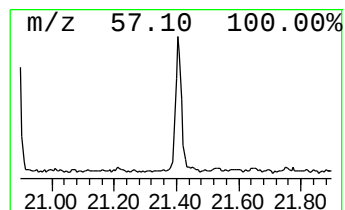
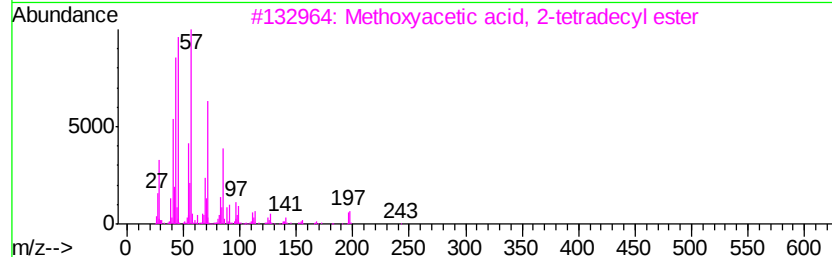
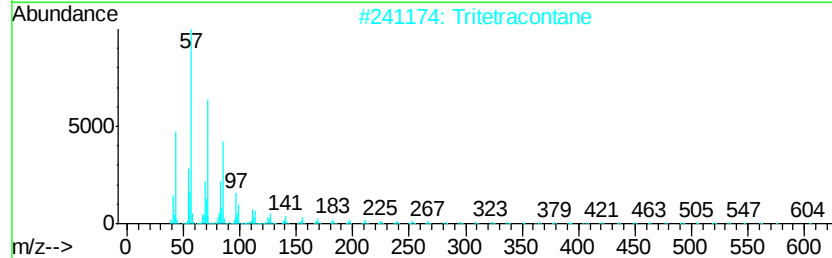
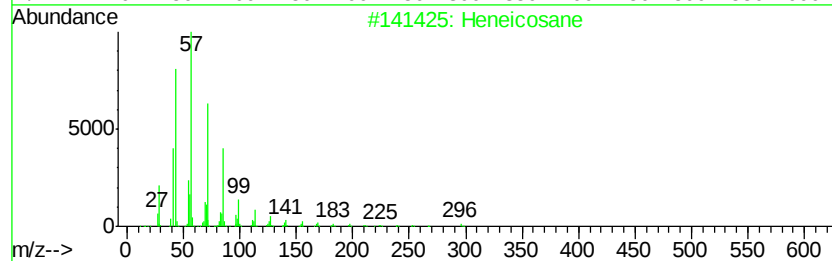
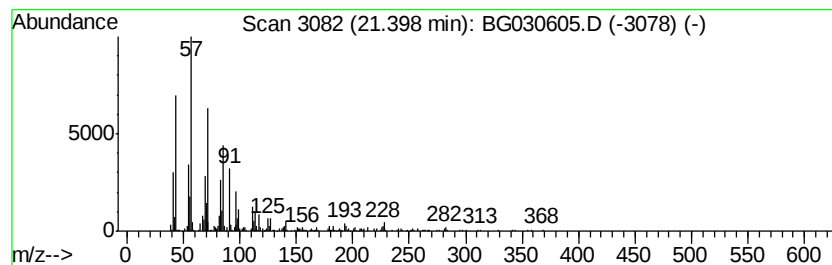
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.85 ng/ul	313104	Chrysene-d12	21.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030605.D
Acq On : 31 Oct 2017 7:53
Operator : SJ/JU
Sample : I5886-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESNF4

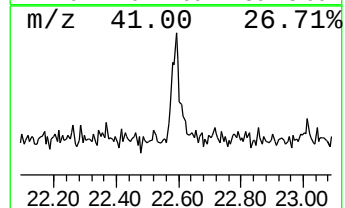
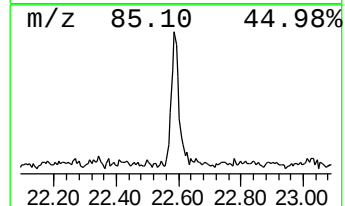
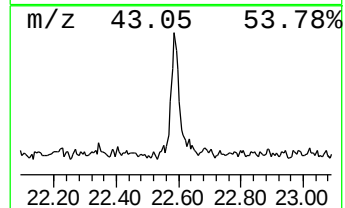
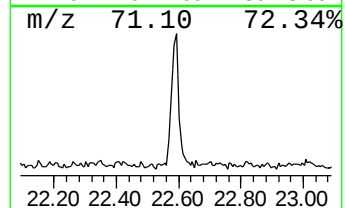
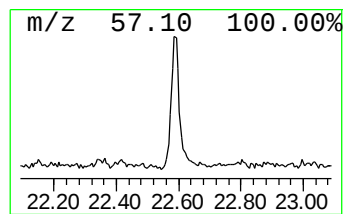
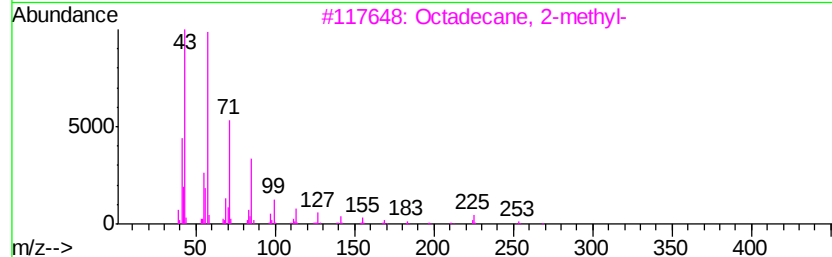
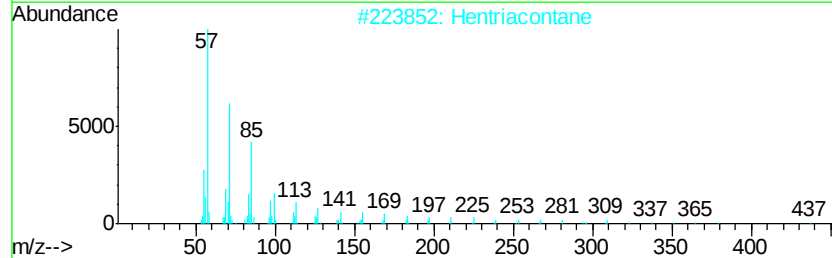
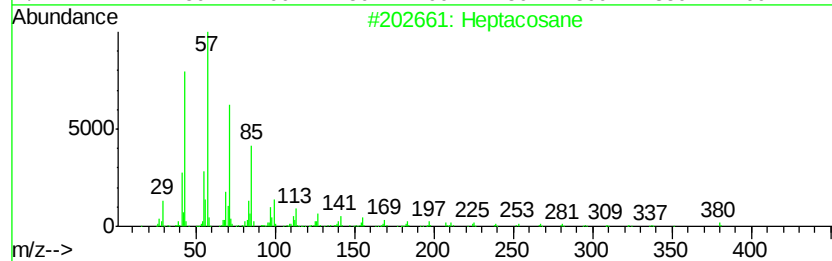
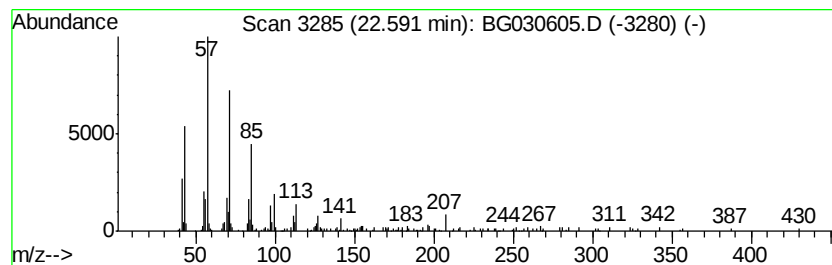
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	2.17 ng/ul	176772	Chrysene-d12	21.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030605.D
Acq On : 31 Oct 2017 7:53
Operator : SJ/JU
Sample : I5886-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESNF4

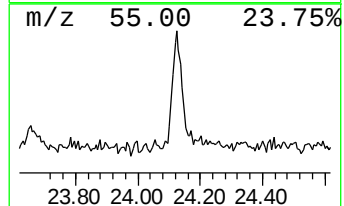
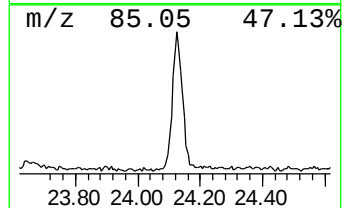
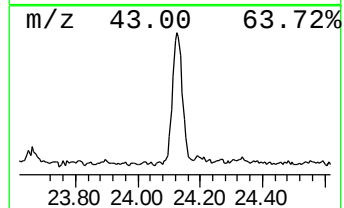
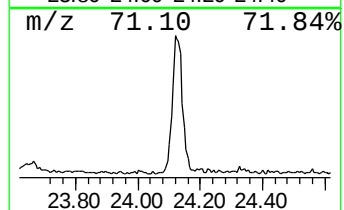
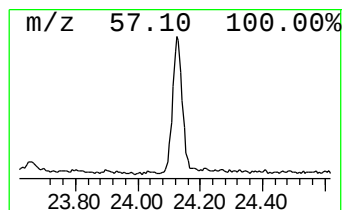
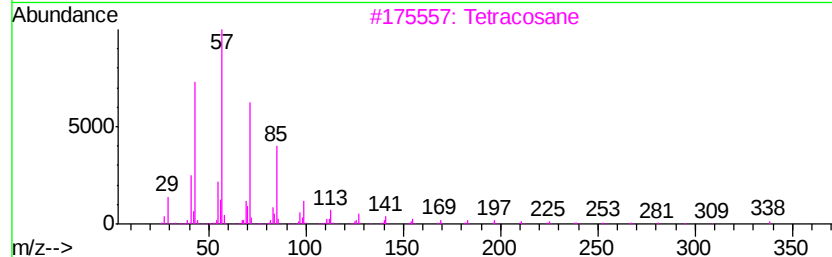
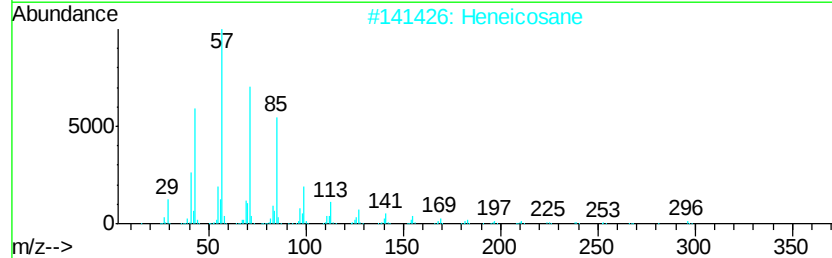
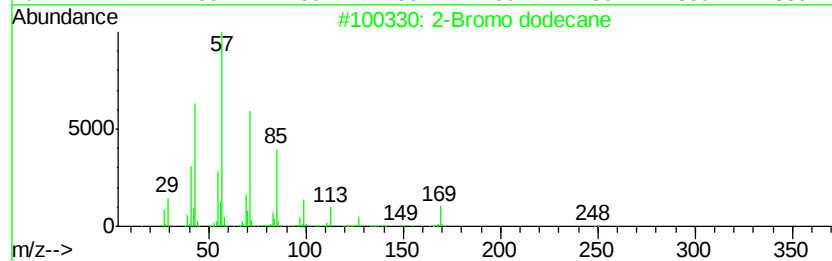
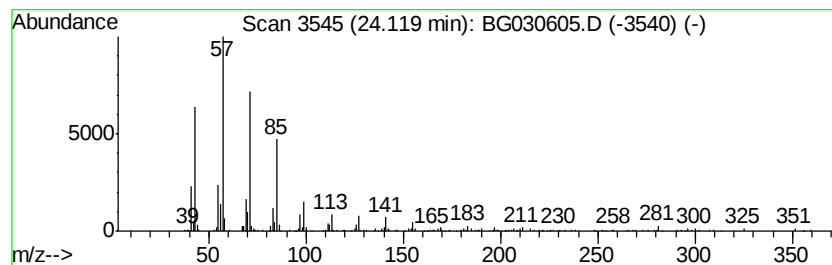
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	4.08 ng/ul	332252	Perylene-d12	25.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
2	Heneicosane		296	C21H44	000629-94-7	90
3	Tetracosane		338	C24H50	000646-31-1	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	2-methyloctacosane		408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030605.D
Acq On : 31 Oct 2017 7:53
Operator : SJ/JU
Sample : I5886-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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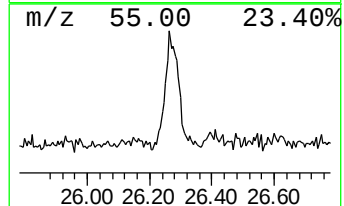
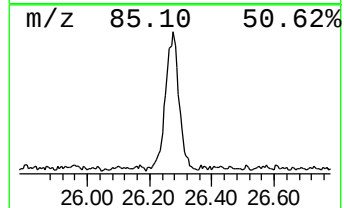
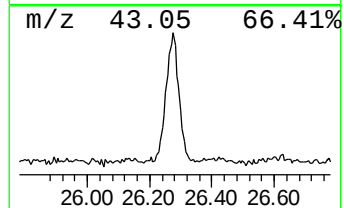
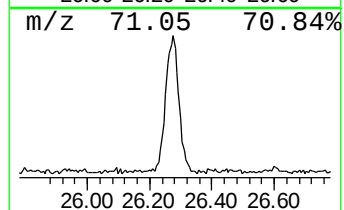
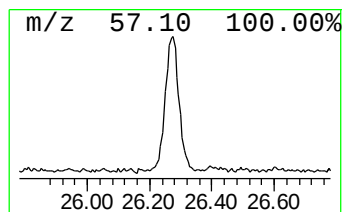
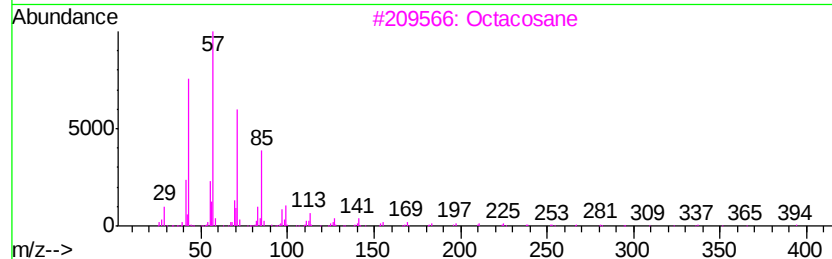
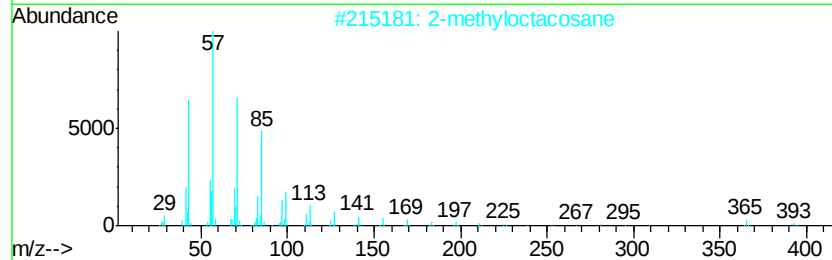
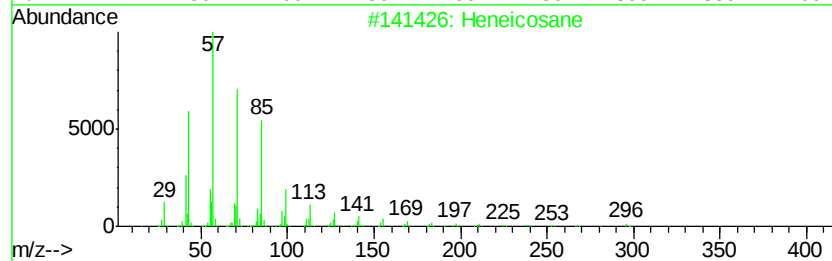
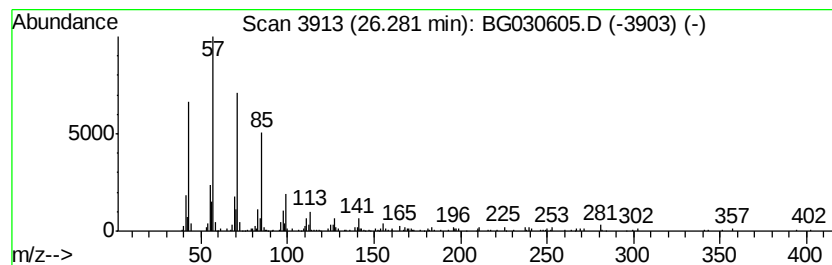
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.28	4.54 ng/ul	369900	Perylene-d12	25.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Tetracosane	338	C24H50	000646-31-1	87
5			Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
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Acq On : 31 Oct 2017 7:53
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Sample : I5886-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESNF4

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
Benzophenone	16.12	4.9	ng/ul	276292	3	14.78	1137520	20.0
(DEL) Alkane: Str...	20.39	2.8	ng/ul	226562	5	21.79	1628140	20.0
(DEL) Alkane: Str...	20.89	2.8	ng/ul	226896	5	21.79	1628140	20.0
(DEL) Alkane: Str...	21.40	3.9	ng/ul	313104	5	21.79	1628140	20.0
(DEL) Alkane: Str...	22.59	2.2	ng/ul	176772	5	21.79	1628140	20.0
2-Bromo dodecane	24.12	4.1	ng/ul	332252	6	25.11	1628570	20.0
(DEL) Alkane: Str...	26.28	4.5	ng/ul	369900	6	25.11	1628570	20.0