

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026799.D
 Acq On : 1 May 2017 8:02
 Operator : SJ/MA
 Sample : I2846-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSZ9

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-BG042717.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	3.225	20	23	32	rVB9	7523	20376	0.45%	0.046%
2	3.425	54	57	72	rVB2	21034	39874	0.88%	0.090%
3	4.018	152	158	167	rBV5	18295	37825	0.83%	0.085%
4	4.189	182	187	192	rBV3	19028	35090	0.77%	0.079%
5	5.105	337	343	350	rBV7	10734	18047	0.40%	0.041%
6	5.405	391	394	399	rBV5	8063	14747	0.32%	0.033%
7	5.646	430	435	446	rVB5	11239	32004	0.70%	0.072%
8	5.998	490	495	497	rBV3	11548	16192	0.36%	0.037%
9	6.991	657	664	669	rBV6	7942	15915	0.35%	0.036%
10	7.097	677	682	686	rVV3	13744	18302	0.40%	0.041%
11	7.185	686	697	713	rVB	294816	636624	13.98%	1.436%
12	7.332	713	722	730	rBV	291821	480495	10.55%	1.084%
13	7.432	730	739	746	rVB2	96339	164251	3.61%	0.371%
14	7.549	746	759	767	rBV	346973	635342	13.95%	1.434%
15	7.655	769	777	786	rVB2	30224	63689	1.40%	0.144%
16	8.008	828	837	849	rBV	673021	1145328	25.15%	2.584%
17	8.131	853	858	865	rVB6	12784	27358	0.60%	0.062%
18	8.366	894	898	907	rBV6	6746	16117	0.35%	0.036%
19	8.495	915	920	925	rBV8	7137	15731	0.35%	0.035%
20	8.554	925	930	935	rVV6	8372	18349	0.40%	0.041%
21	8.642	940	945	951	rBV4	15926	32659	0.72%	0.074%
22	8.724	951	959	972	rVV2	302990	620815	13.63%	1.401%
23	8.830	972	977	985	rVB4	18766	45206	0.99%	0.102%
24	9.112	1017	1025	1028	rBV6	14027	29312	0.64%	0.066%
25	9.165	1028	1034	1043	rVV	316537	593030	13.02%	1.338%
26	9.230	1043	1045	1054	rVB6	12584	19701	0.43%	0.044%
27	9.324	1056	1061	1071	rBV6	11074	32516	0.71%	0.073%
28	9.588	1098	1106	1111	rBV5	14594	25683	0.56%	0.058%
29	9.635	1111	1114	1120	rBV7	10521	18852	0.41%	0.043%
30	9.700	1120	1125	1129	rVB3	15665	25733	0.56%	0.058%
31	9.888	1149	1157	1173	rBV	264089	531210	11.66%	1.199%
32	10.211	1207	1212	1218	rVV6	13040	26021	0.57%	0.059%
33	10.440	1244	1251	1261	rBV	395825	745864	16.38%	1.683%
34	10.804	1302	1313	1321	rBV	1050060	1932873	42.44%	4.361%

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35	10.945	1329	1337	1358	rVB	278633	606544	13.32%	1.369%
36	11.574	1438	1444	1450	rBV3	29322	51313	1.13%	0.116%
37	11.650	1450	1457	1463	rVV3	9014	21005	0.46%	0.047%
38	11.715	1463	1468	1475	rVB8	12181	22568	0.50%	0.051%
39	11.909	1497	1501	1511	rVB9	7139	16023	0.35%	0.036%
40	12.132	1532	1539	1542	rVV7	9774	16956	0.37%	0.038%
41	12.209	1545	1552	1558	rVB5	23330	38781	0.85%	0.088%
42	12.461	1586	1595	1603	rVB2	39897	88567	1.94%	0.200%
43	12.602	1614	1619	1626	rBV10	9323	20376	0.45%	0.046%
44	12.679	1626	1632	1642	rVV2	28146	62122	1.36%	0.140%
45	12.831	1647	1658	1664	rBV2	12069	35436	0.78%	0.080%
46	13.060	1692	1697	1702	rVV9	6534	18002	0.40%	0.041%
47	13.160	1707	1714	1721	rVV8	17203	35493	0.78%	0.080%
48	13.225	1721	1725	1730	rVB5	14085	24719	0.54%	0.056%
49	13.442	1750	1762	1771	rBV3	48490	104669	2.30%	0.236%
50	13.554	1776	1781	1788	rVV10	10304	23110	0.51%	0.052%
51	13.660	1795	1799	1809	rVB10	8439	21425	0.47%	0.048%
52	13.783	1813	1820	1831	rBV9	31786	98397	2.16%	0.222%
53	13.948	1842	1848	1853	rVV5	34215	66267	1.45%	0.150%
54	14.018	1853	1860	1865	rVV	806991	1209423	26.55%	2.729%
55	14.065	1865	1868	1878	rVV	295962	440757	9.68%	0.994%
56	14.312	1898	1910	1920	rBV	983595	1617414	35.51%	3.649%
57	14.447	1930	1933	1939	rVB8	14076	25421	0.56%	0.057%
58	14.506	1939	1943	1951	rBV	101497	152037	3.34%	0.343%
59	14.623	1953	1963	1974	rBV2	1489464	2512280	55.16%	5.668%
60	14.723	1974	1980	1990	rVB7	23947	67011	1.47%	0.151%
61	14.847	1994	2001	2014	rBV2	150867	410759	9.02%	0.927%
62	14.976	2020	2023	2025	rBV3	13200	18679	0.41%	0.042%
63	15.011	2025	2029	2035	rVB6	29669	52861	1.16%	0.119%
64	15.123	2045	2048	2054	rVB5	30512	46809	1.03%	0.106%
65	15.240	2062	2068	2072	rBV7	22207	43642	0.96%	0.098%
66	15.334	2080	2084	2089	rBV8	14726	28747	0.63%	0.065%
67	15.405	2091	2096	2100	rBV2	42802	70062	1.54%	0.158%
68	15.452	2100	2104	2109	rVB	153753	205417	4.51%	0.463%
69	15.505	2111	2113	2117	rBV4	14007	20267	0.44%	0.046%
70	15.605	2124	2130	2137	rBV	1189350	1788577	39.27%	4.036%
71	15.687	2141	2144	2147	rBV4	31141	43391	0.95%	0.098%

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72	15.728	2147	2151	2159	rVB	208407	308544	6.77%	0.696%
73	15.863	2167	2174	2184	rVB2	97898	214418	4.71%	0.484%
74	15.957	2185	2190	2196	rVB9	32978	68139	1.50%	0.154%
75	16.016	2196	2200	2206	rBV7	29566	69305	1.52%	0.156%
76	16.075	2206	2210	2213	rBV6	41054	61371	1.35%	0.138%
77	16.157	2220	2224	2228	rBV7	23541	43640	0.96%	0.098%
78	16.263	2236	2242	2244	rBV7	23915	50821	1.12%	0.115%
79	16.316	2245	2251	2252	rBV	202468	268778	5.90%	0.606%
80	16.339	2253	2255	2261	rVB	204656	232580	5.11%	0.525%
81	16.697	2313	2316	2323	rVB7	48434	95135	2.09%	0.215%
82	16.838	2336	2340	2344	rVB	88771	114673	2.52%	0.259%
83	17.103	2380	2385	2389	rBV	443012	576858	12.66%	1.302%
84	17.156	2389	2394	2399	rVV	146424	223284	4.90%	0.504%
85	17.203	2399	2402	2406	rVB	90827	113647	2.50%	0.256%
86	17.355	2421	2428	2434	rBV	1599111	2421534	53.16%	5.464%
87	17.455	2439	2445	2453	rVB	1164694	1746853	38.35%	3.941%
88	17.755	2494	2496	2502	rBV8	52733	80924	1.78%	0.183%
89	17.837	2506	2510	2516	rBV	132486	189321	4.16%	0.427%
90	18.049	2542	2546	2554	rBV	244038	341748	7.50%	0.771%
91	18.237	2573	2578	2583	rBV2	374668	590590	12.97%	1.333%
92	18.307	2585	2590	2597	rVB	1289341	1695195	37.22%	3.825%
93	18.525	2624	2627	2632	rBV3	122649	185814	4.08%	0.419%
94	19.506	2790	2794	2802	rBV5	295509	670633	14.72%	1.513%
95	19.735	2828	2833	2840	rBV	1256427	1994821	43.80%	4.501%
96	20.634	2983	2986	2993	rVB	600121	801428	17.60%	1.808%
97	21.480	3125	3130	3138	rVB	3398684	4554786	100.00%	10.277%
98	21.598	3146	3150	3157	rBV	1496532	2370631	52.05%	5.349%
99	24.553	3648	3653	3663	rVB2	672237	1712181	37.59%	3.863%
100	24.770	3683	3690	3710	rVB2	1236414	4266506	93.67%	9.626%

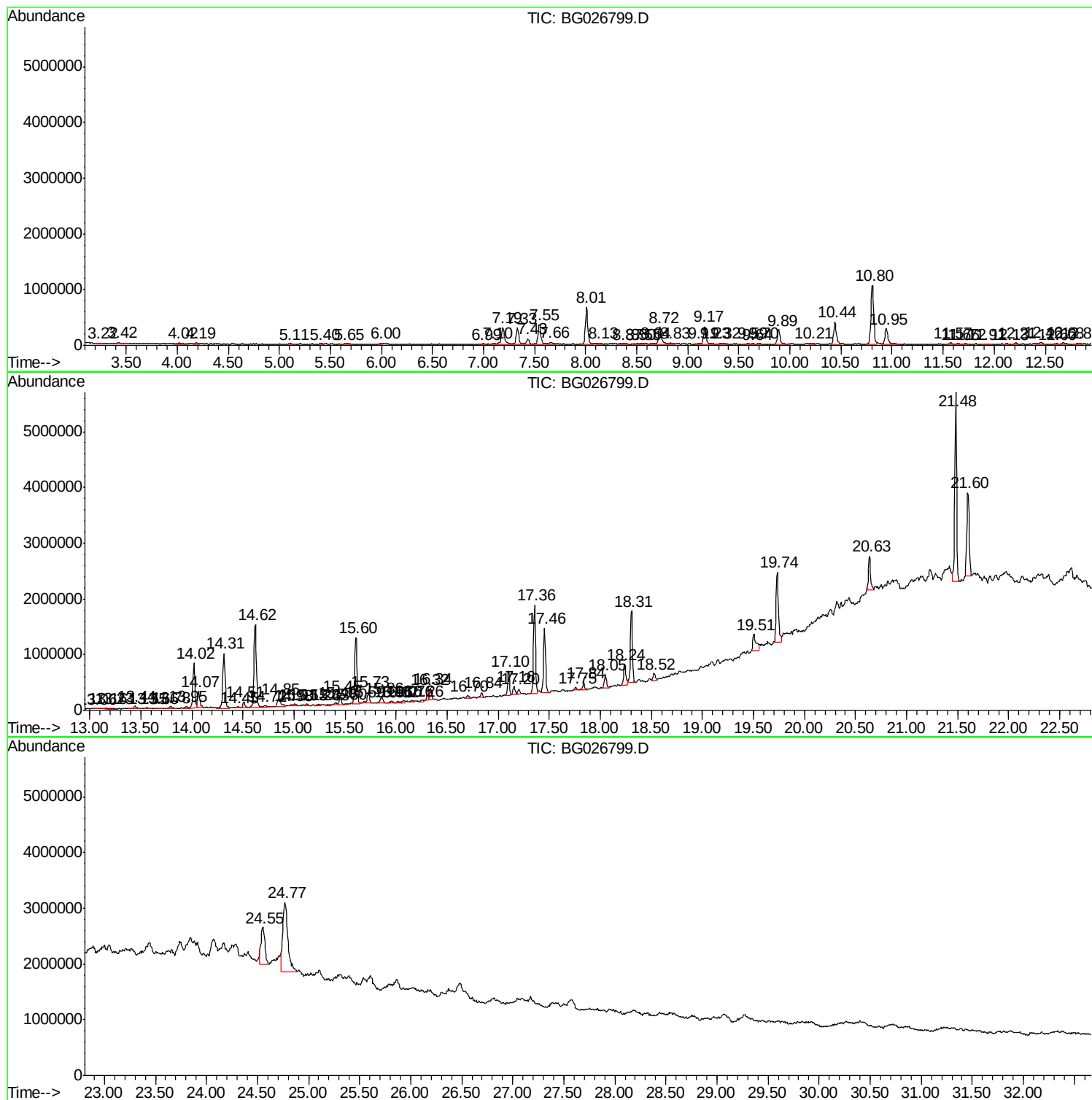
Sum of corrected areas: 44320616

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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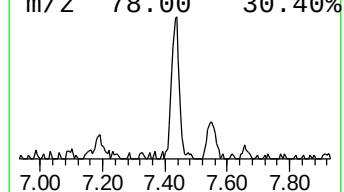
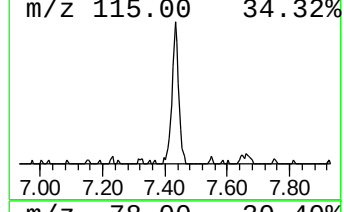
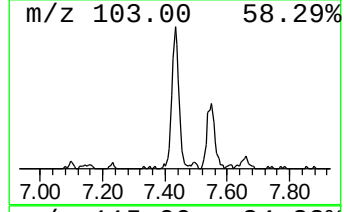
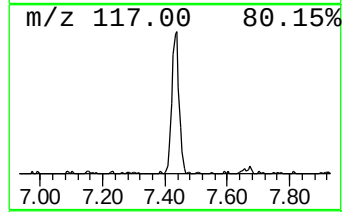
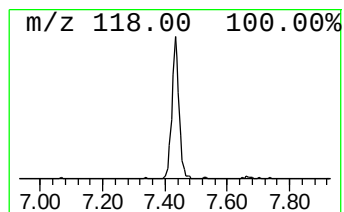
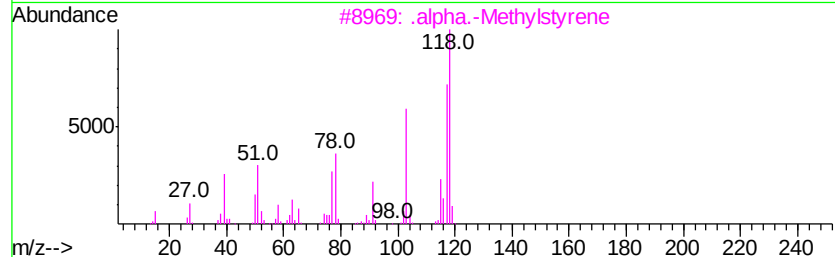
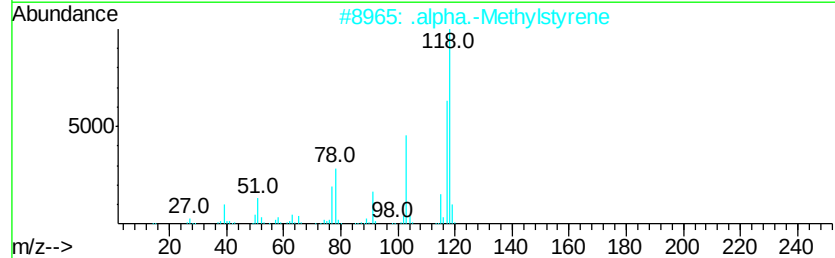
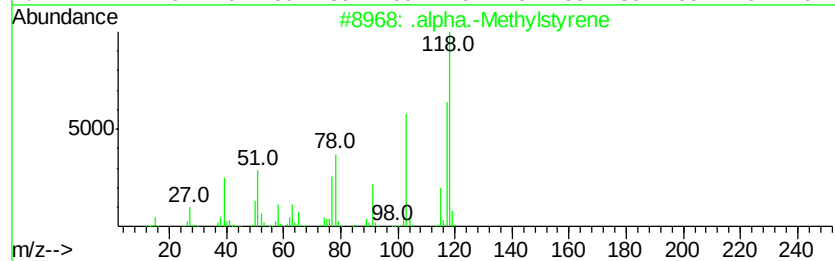
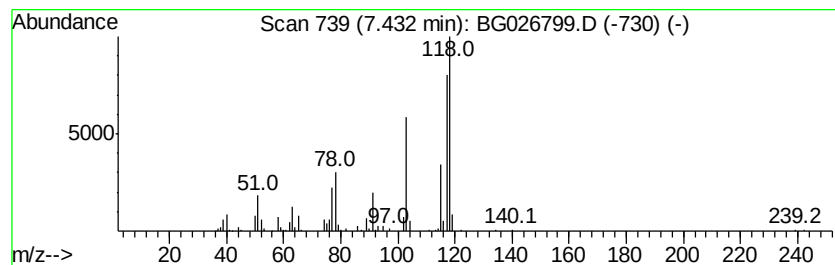
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 .alpha.-Methylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.43	2.87 ng/ul	164251	1,4-Dichlorobenzene-d4	8.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	64
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	52



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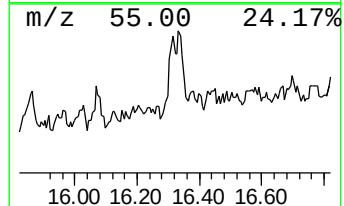
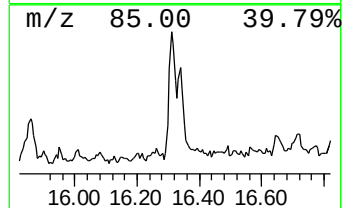
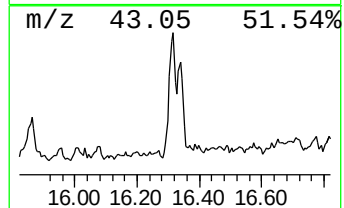
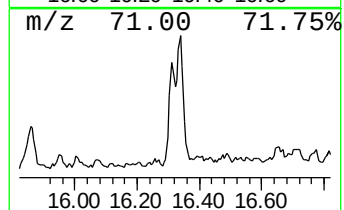
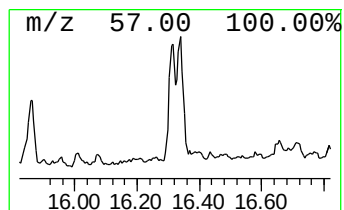
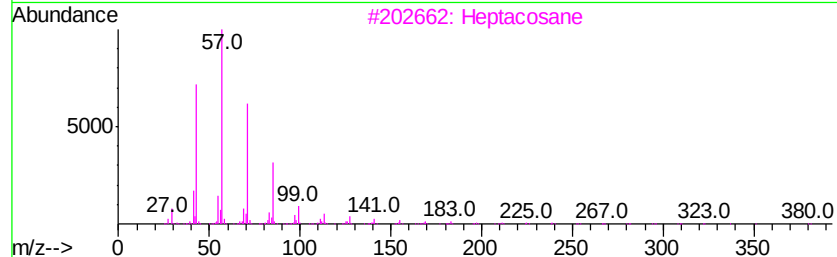
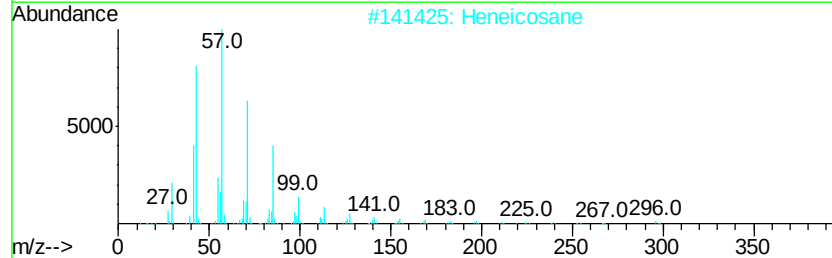
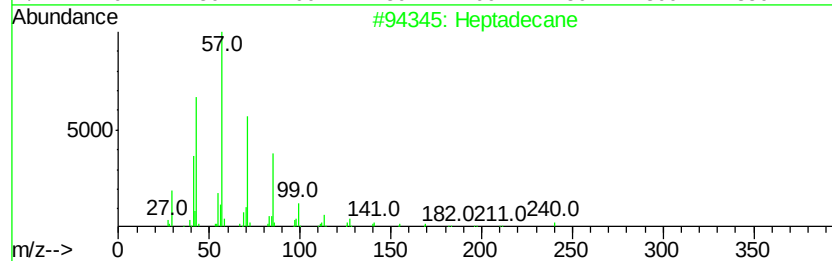
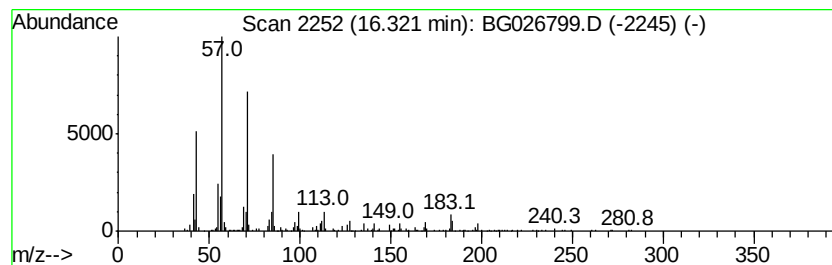
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.22 ng/ul	268778	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Hexadecane	226	C16H34	000544-76-3	86



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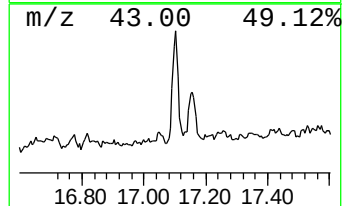
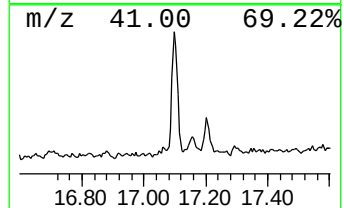
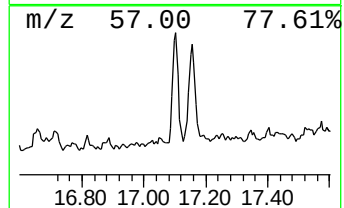
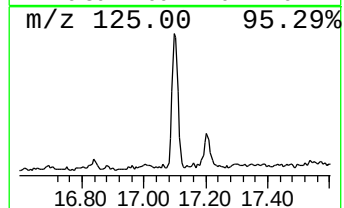
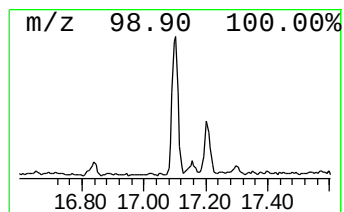
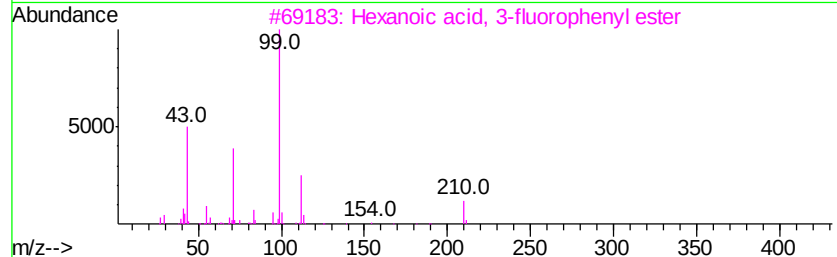
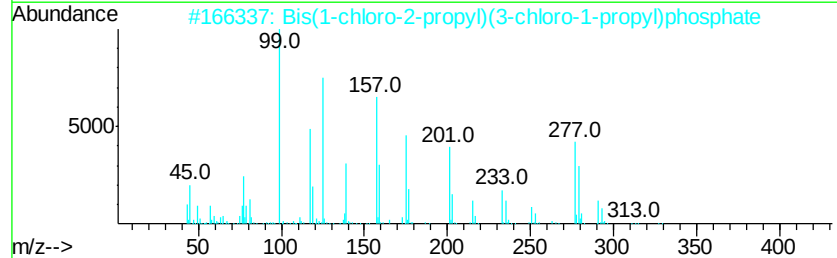
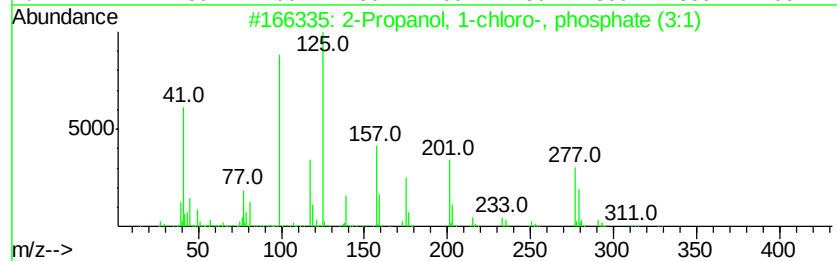
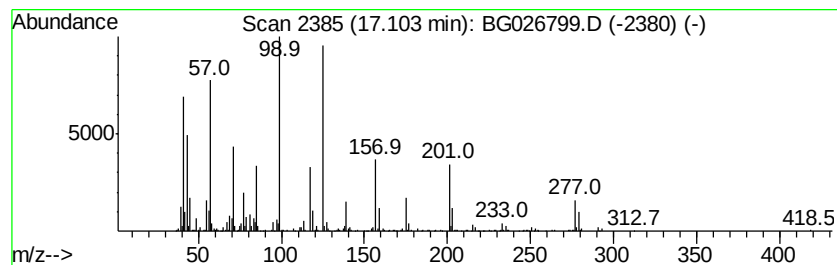
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Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.10	4.76 ng/ul	576858	Phenanthrene-d10	17.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	41	
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	30	
3	Hexanoic acid, 3-fluorophenyl ester	210	C12H15FO2	1000330-93-1	27	
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	25	
5	7-Methyl-6-thiabicyclo[3.2.1]octane	142	C8H14S	1000306-33-2	18	



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Operator : SJ/MA
Sample : I2846-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

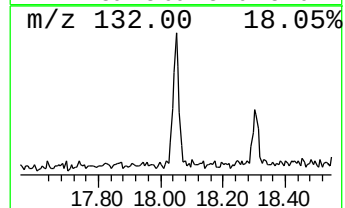
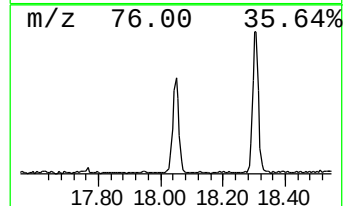
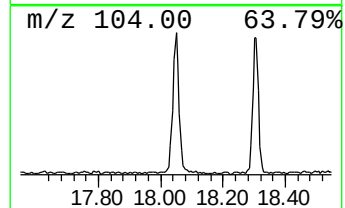
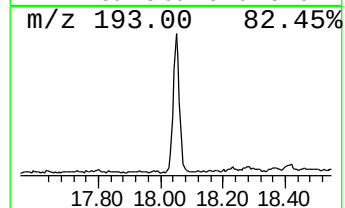
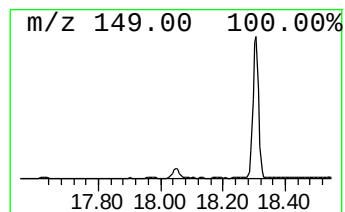
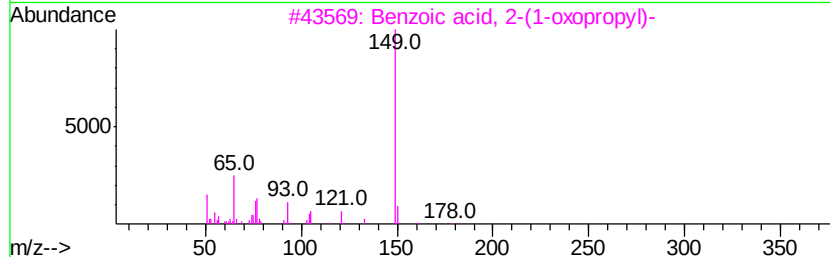
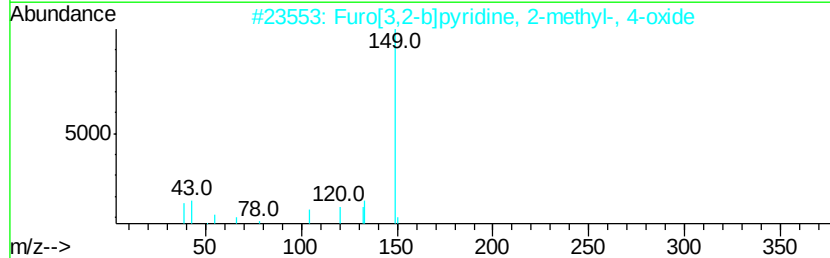
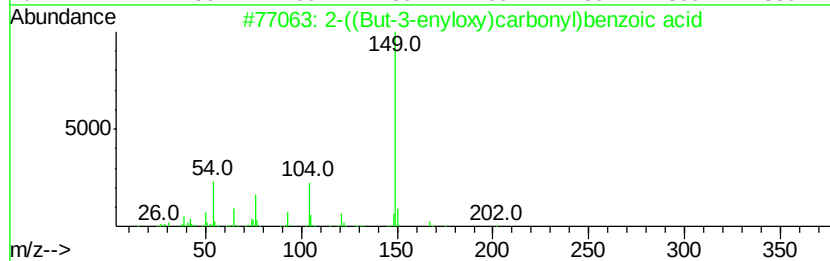
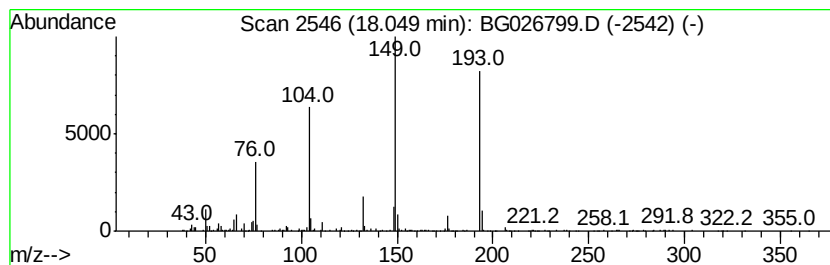
Instrument :
BNA_G
ClientSampleId :
JHSZ9

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	2.82 ng/ul	341748	Phenanthrene-d10	17.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((But-3-enyloxy)carbonyl)benzo...	220	C12H12O4	1000373-53-4	47
2	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	30
3	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	25
4	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	22
5	Phthalic acid, ethyl hex-3-yl ester	278	C16H22O4	1000356-95-2	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026799.D
Acq On : 1 May 2017 8:02
Operator : SJ/MA
Sample : I2846-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSZ9

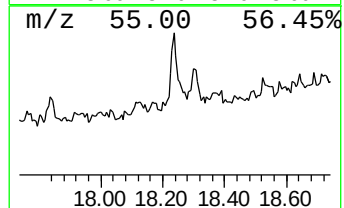
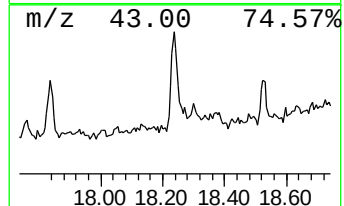
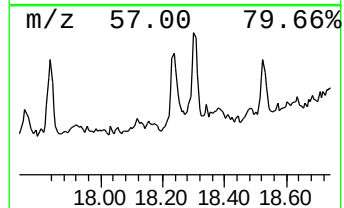
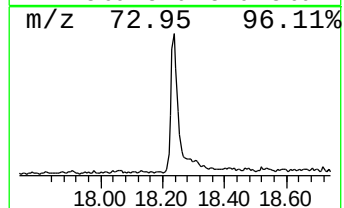
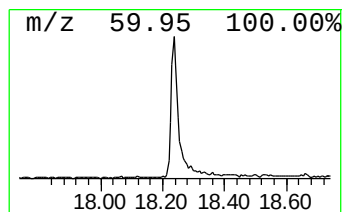
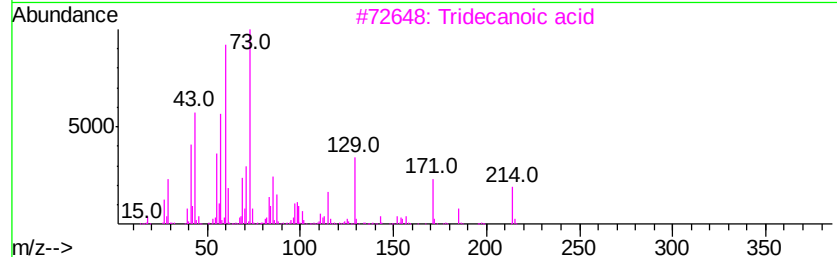
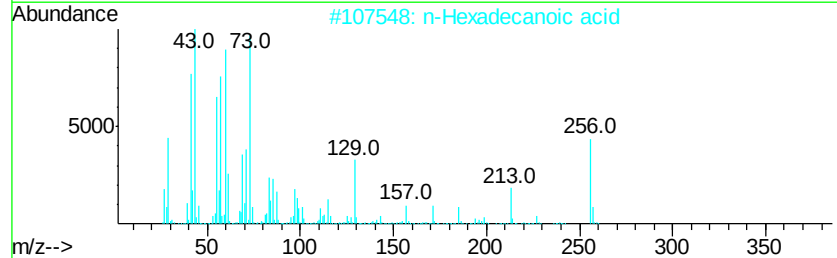
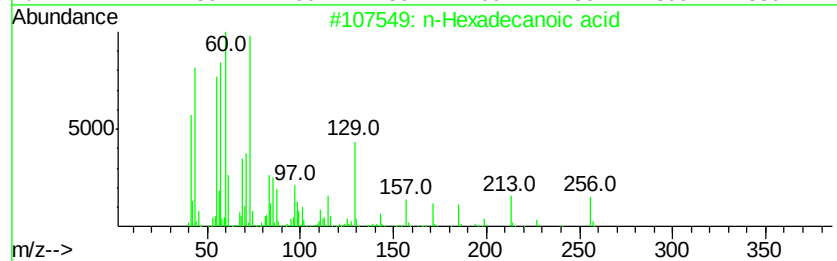
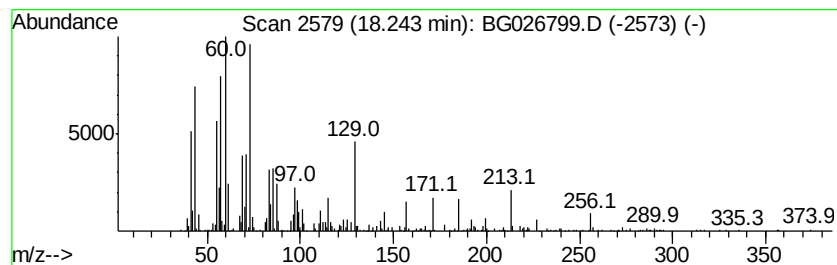
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.88 ng/ul	590590	Phenanthrene-d10	17.36

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		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSZ9

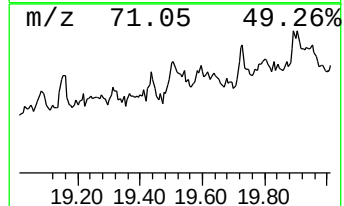
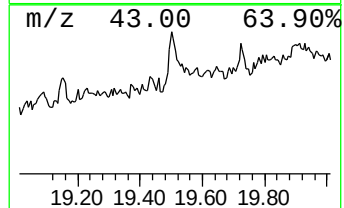
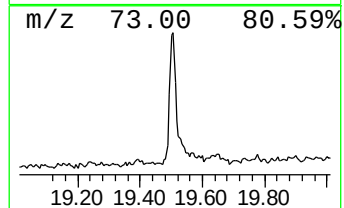
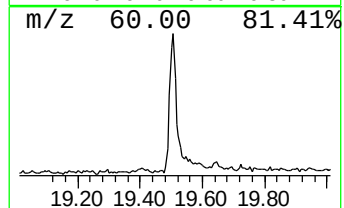
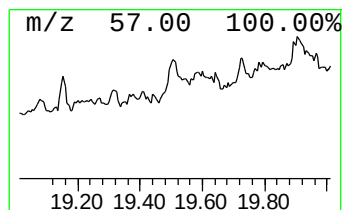
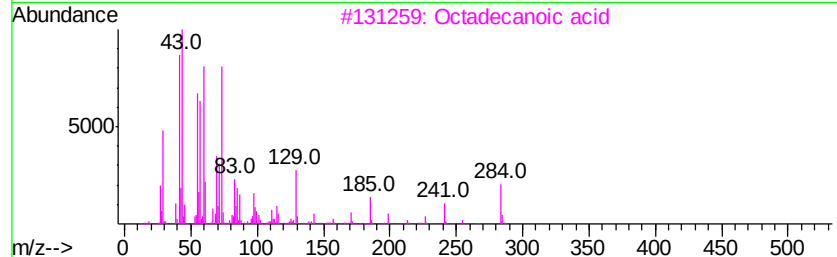
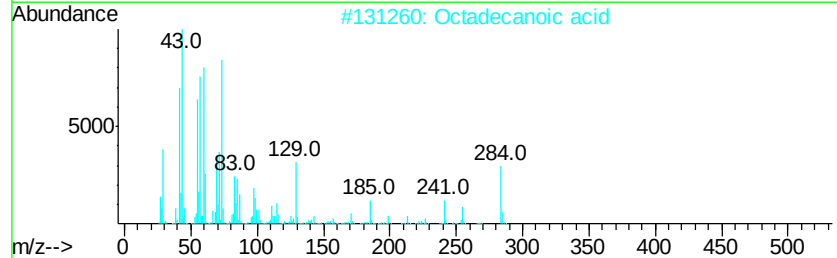
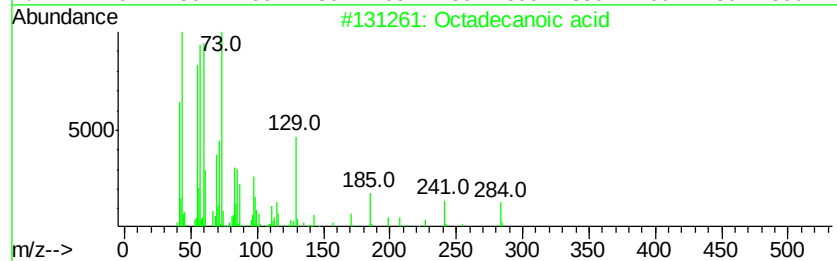
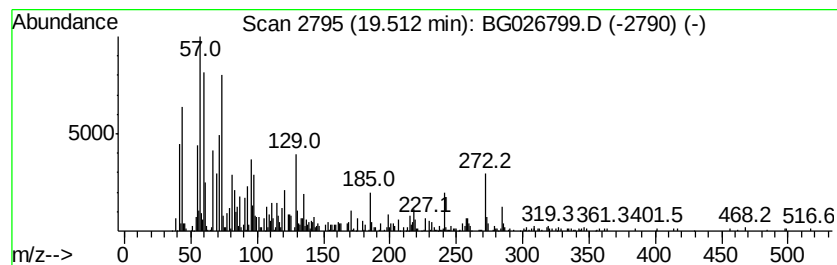
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	5.66 ng/ul	670633	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	81
2		Octadecanoic acid	284	C18H36O2	000057-11-4	74
3		Octadecanoic acid	284	C18H36O2	000057-11-4	62
4		Octadecanoic acid	284	C18H36O2	000057-11-4	60
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043017\
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Operator : SJ/MA
Sample : I2846-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSZ9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
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(DEL) Alkane: Str...	16.32	2.2	ng/ul	268778	4	17.36	2421530	20.0
unknown-01	17.10	4.8	ng/ul	576858	4	17.36	2421530	20.0
unknown-02	18.05	2.8	ng/ul	341748	4	17.36	2421530	20.0
n-Hexadecanoic acid	18.24	4.9	ng/ul	590590	4	17.36	2421530	20.0
Octadecanoic acid	19.51	5.7	ng/ul	670633	5	21.60	2370630	20.0