

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022859.D
 Acq On : 5 Jul 2016 20:46
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW2

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-BG063016.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	3.820	163	167	171	rBV3	18736	32428	0.71%	0.056%
2	4.073	206	210	213	rVB3	20355	26758	0.59%	0.046%
3	4.243	235	239	242	rBV5	10406	14855	0.33%	0.026%
4	4.661	307	310	312	rVB4	10713	9645	0.21%	0.017%
5	5.236	404	408	412	rVB3	21730	26638	0.58%	0.046%
6	5.418	437	439	442	rBV4	9320	8276	0.18%	0.014%
7	5.489	449	451	454	rVB4	7216	8089	0.18%	0.014%
8	5.742	490	494	497	rBV3	5956	8078	0.18%	0.014%
9	5.847	510	512	517	rVB5	11062	12360	0.27%	0.021%
10	6.206	569	573	579	rBV2	44959	64636	1.42%	0.111%
11	6.776	669	670	674	rVB4	11809	10799	0.24%	0.019%
12	6.817	674	677	682	rBV6	6901	11432	0.25%	0.020%
13	7.128	725	730	733	rBV7	9158	18648	0.41%	0.032%
14	7.158	733	735	738	rVB2	8263	8910	0.20%	0.015%
15	7.310	751	761	771	rBV	561467	1069248	23.44%	1.840%
16	7.475	783	789	799	rVB	382184	620859	13.61%	1.068%
17	7.686	818	825	832	rBV	519398	885447	19.41%	1.523%
18	7.763	834	838	840	rBV4	7640	11208	0.25%	0.019%
19	7.963	869	872	874	rVB3	8075	8945	0.20%	0.015%
20	8.162	897	906	912	rBV	601711	1063299	23.31%	1.829%
21	8.274	921	925	928	rBV5	7073	11150	0.24%	0.019%
22	8.456	954	956	958	rBV3	7295	8524	0.19%	0.015%
23	8.591	976	979	981	rBV3	7122	9059	0.20%	0.016%
24	8.691	992	996	998	rBV4	8007	11104	0.24%	0.019%
25	8.862	1019	1025	1032	rVB	699285	1189986	26.09%	2.047%
26	9.085	1060	1063	1065	rBV4	6153	8108	0.18%	0.014%
27	9.332	1098	1105	1112	rBV	506884	930497	20.40%	1.601%
28	9.420	1115	1120	1125	rBV6	13357	21342	0.47%	0.037%
29	9.467	1125	1128	1131	rVB5	7447	9980	0.22%	0.017%
30	9.637	1154	1157	1162	rBV4	4983	8091	0.18%	0.014%
31	9.719	1166	1171	1176	rVB6	17394	32392	0.71%	0.056%
32	9.807	1181	1186	1187	rBV5	7236	8551	0.19%	0.015%
33	10.054	1219	1228	1237	rVV	465473	875316	19.19%	1.506%
34	10.201	1246	1253	1262	rBV2	47509	104342	2.29%	0.180%

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35	10.601	1314	1321	1330	rVB	774061	1391194	30.50%	2.394%
36	10.988	1379	1387	1394	rBV	916884	1709882	37.49%	2.942%
37	11.118	1403	1409	1420	rBV	287887	556473	12.20%	0.957%
38	11.453	1464	1466	1468	rBV3	8847	8954	0.20%	0.015%
39	11.558	1481	1484	1487	rBV4	5128	8487	0.19%	0.015%
40	11.746	1509	1516	1517	rBV4	13032	19955	0.44%	0.034%
41	12.175	1587	1589	1592	rVB4	7429	8570	0.19%	0.015%
42	12.216	1592	1596	1598	rBV2	6625	11453	0.25%	0.020%
43	12.557	1650	1654	1656	rBV6	16019	23667	0.52%	0.041%
44	12.663	1662	1672	1681	rBV8	45784	110729	2.43%	0.191%
45	12.939	1716	1719	1720	rBV3	8428	8102	0.18%	0.014%
46	13.151	1751	1755	1756	rBV4	8849	10625	0.23%	0.018%
47	13.221	1764	1767	1770	rBV5	8369	11349	0.25%	0.020%
48	13.397	1793	1797	1800	rVB5	17277	18292	0.40%	0.031%
49	13.603	1828	1832	1835	rVB5	12927	17009	0.37%	0.029%
50	13.679	1841	1845	1848	rBV5	13930	21633	0.47%	0.037%
51	13.715	1849	1851	1857	rVB7	15436	23901	0.52%	0.041%
52	13.773	1860	1861	1865	rVB4	8904	9381	0.21%	0.016%
53	14.114	1915	1919	1920	rBV3	25203	25763	0.56%	0.044%
54	14.196	1925	1933	1937	rBV	1420156	2043025	44.79%	3.515%
55	14.243	1937	1941	1947	rVB	409881	603993	13.24%	1.039%
56	14.355	1957	1960	1962	rBV4	15305	16411	0.36%	0.028%
57	14.426	1968	1972	1973	rBV4	11348	13462	0.30%	0.023%
58	14.496	1977	1984	1994	rVB	1439818	2289149	50.19%	3.939%
59	14.666	2011	2013	2017	rVB4	19415	24990	0.55%	0.043%
60	14.802	2030	2036	2045	rVV2	1629994	2694883	59.08%	4.637%
61	14.937	2057	2059	2062	rVB4	8469	9103	0.20%	0.016%
62	14.996	2062	2069	2077	rBV2	565463	999498	21.91%	1.720%
63	15.084	2082	2084	2087	rVB4	16182	11947	0.26%	0.021%
64	15.119	2087	2090	2091	rBV3	13966	16156	0.35%	0.028%
65	15.142	2091	2094	2098	rBV6	31447	39830	0.87%	0.069%
66	15.189	2100	2102	2103	rBV2	21707	20475	0.45%	0.035%
67	15.266	2113	2115	2119	rVB5	12731	12648	0.28%	0.022%
68	15.407	2135	2139	2144	rBV7	27608	55482	1.22%	0.095%
69	15.448	2144	2146	2147	rBV2	12333	10561	0.23%	0.018%
70	15.530	2155	2160	2164	rBV2	61168	91858	2.01%	0.158%
71	15.618	2172	2175	2180	rVB4	49320	71453	1.57%	0.123%

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72	15.677	2182	2185	2188	rBV5	12179	18360	0.40%	0.032%
73	15.795	2195	2205	2210	rBV	1946434	3013384	66.07%	5.185%
74	15.900	2217	2223	2230	rVB	605859	919786	20.17%	1.583%
75	16.030	2243	2245	2250	rVB5	28098	38442	0.84%	0.066%
76	16.312	2291	2293	2296	rVB4	18120	12873	0.28%	0.022%
77	16.482	2319	2322	2327	rBV4	45878	90937	1.99%	0.156%
78	16.835	2377	2382	2383	rBV5	34099	53853	1.18%	0.093%
79	17.281	2454	2458	2462	rVB	114181	138491	3.04%	0.238%
80	17.416	2479	2481	2483	rBV3	31449	32058	0.70%	0.055%
81	17.551	2498	2504	2509	rBV2	1943513	3123028	68.47%	5.373%
82	17.592	2509	2511	2516	rVV	330590	475964	10.44%	0.819%
83	17.651	2516	2521	2531	rVB2	1864531	2824527	61.93%	4.860%
84	18.021	2581	2584	2589	rVB2	85654	99191	2.17%	0.171%
85	18.421	2648	2652	2658	rBV2	566355	772524	16.94%	1.329%
86	18.497	2658	2665	2670	rVB2	529607	878021	19.25%	1.511%
87	18.615	2680	2685	2690	rBV2	126579	268157	5.88%	0.461%
88	18.662	2690	2693	2697	rVB2	112290	137114	3.01%	0.236%
89	19.337	2803	2808	2813	rBV2	208890	325711	7.14%	0.560%
90	19.602	2848	2853	2859	rVB	682701	1068714	23.43%	1.839%
91	19.684	2864	2867	2874	rVB4	163870	241381	5.29%	0.415%
92	19.931	2904	2909	2921	rBV2	2282866	4561117	100.00%	7.847%
93	20.836	3058	3063	3068	rVB	1496559	1872264	41.05%	3.221%
94	20.918	3073	3077	3082	rVB	2871188	3331395	73.04%	5.732%
95	21.459	3165	3169	3175	rBV2	428958	661596	14.51%	1.138%
96	21.717	3209	3213	3219	rVB	687210	1000165	21.93%	1.721%
97	21.852	3229	3236	3242	rBV2	2089028	3981517	87.29%	6.850%
98	24.990	3763	3770	3778	rBV3	887179	2412431	52.89%	4.151%
99	25.225	3803	3810	3821	rVB3	1167000	3362877	73.73%	5.786%
100	26.412	4006	4012	4023	rVB2	749040	2236827	49.04%	3.848%

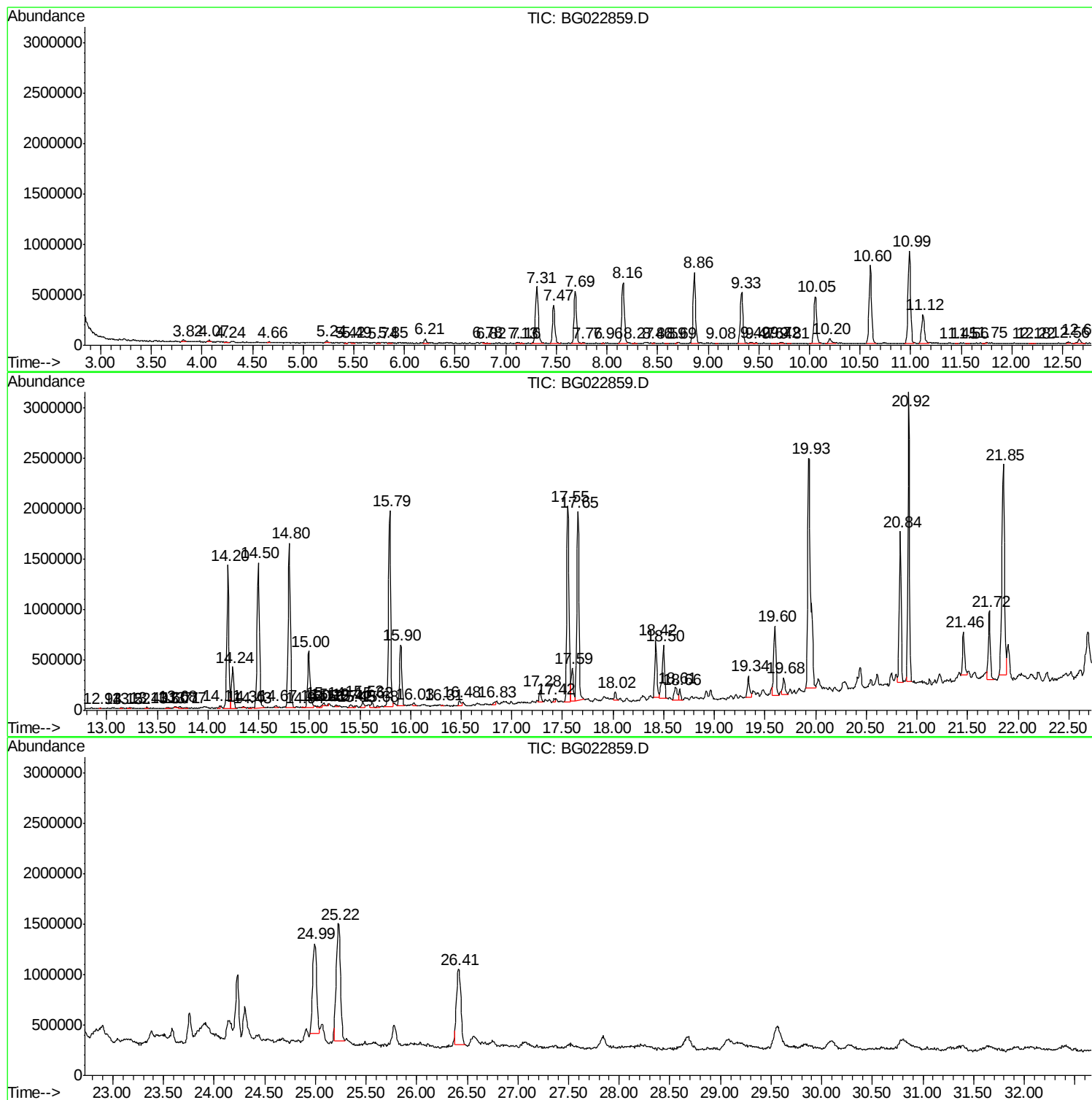
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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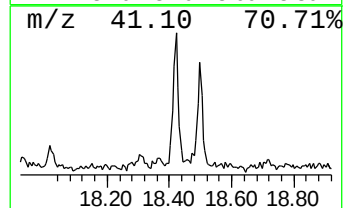
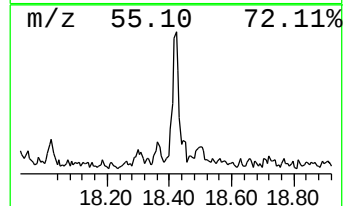
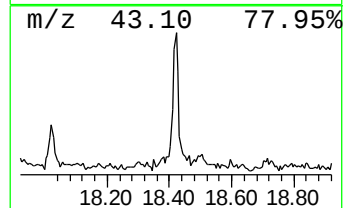
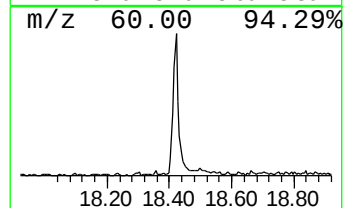
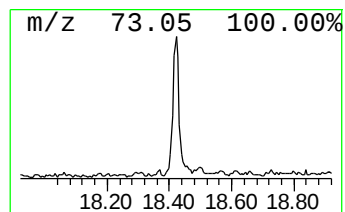
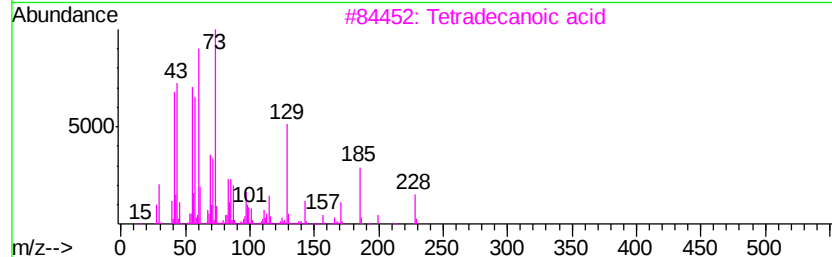
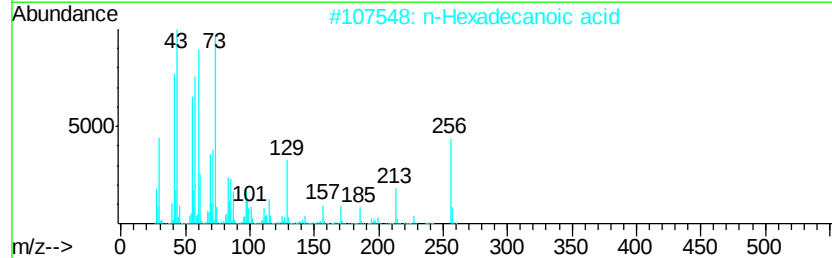
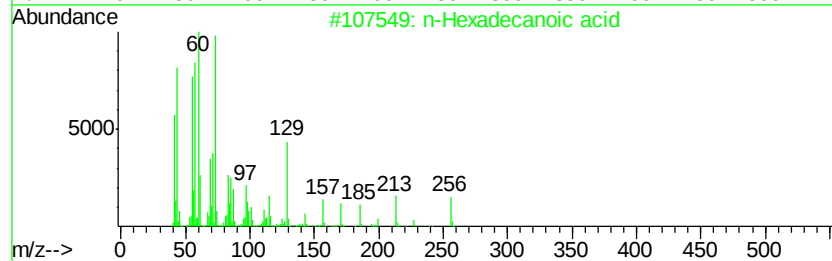
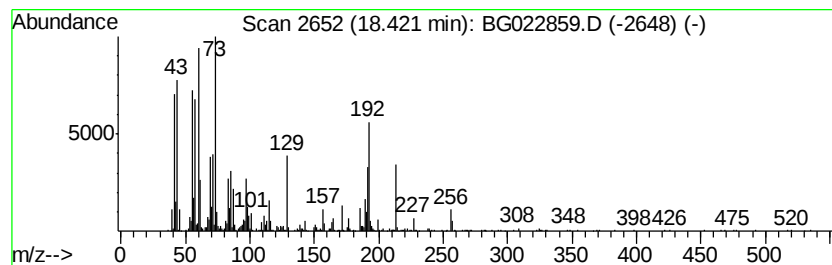
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.95 ng/ul	772524	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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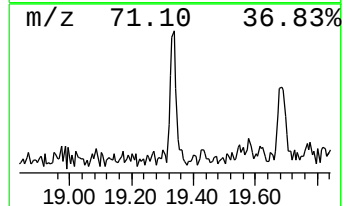
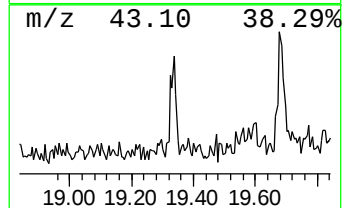
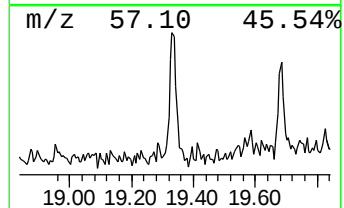
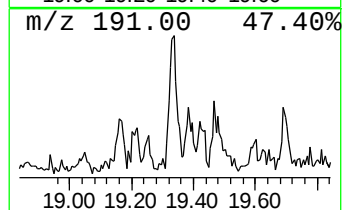
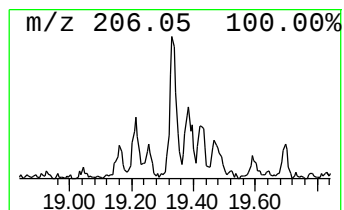
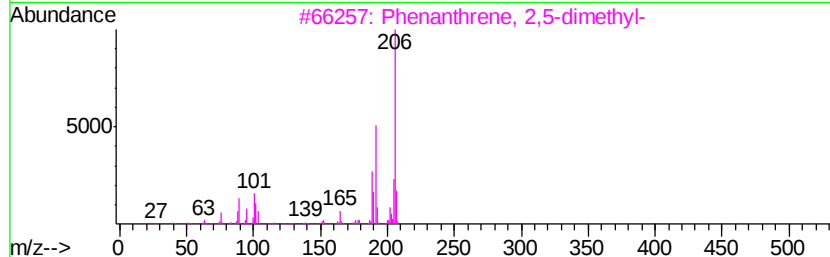
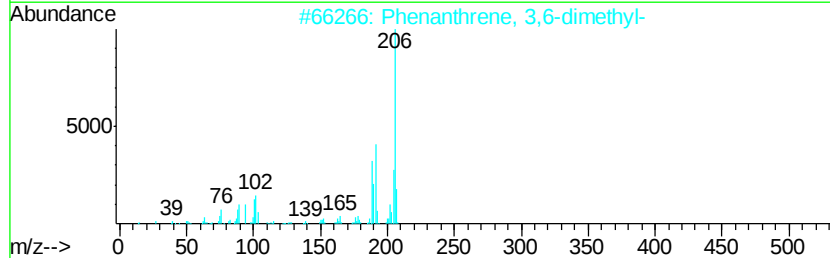
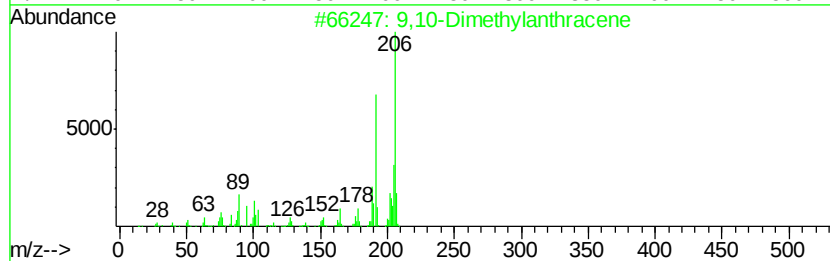
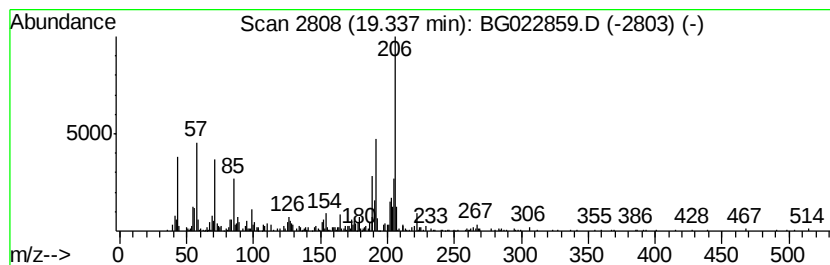
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.09 ng/ul	325711	Phenanthrene-d10	17.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene			206	C16H14	000781-43-1	76
2	Phenanthrene, 3,6-dimethyl-			206	C16H14	001576-67-6	70
3	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	68
4	1H-Indene, 2-methyl-3-phenyl-			206	C16H14	035099-60-6	62
5	Anthracene, 1,4-dimethyl-			206	C16H14	000781-92-0	58



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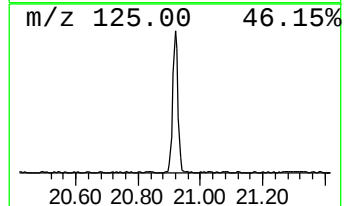
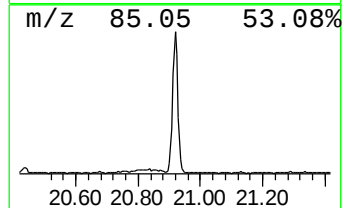
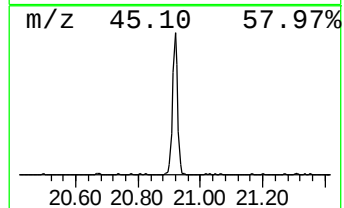
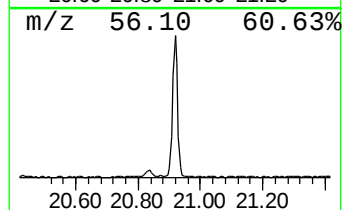
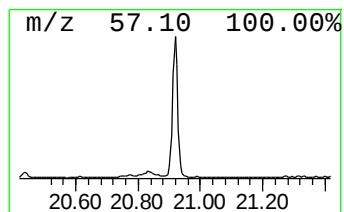
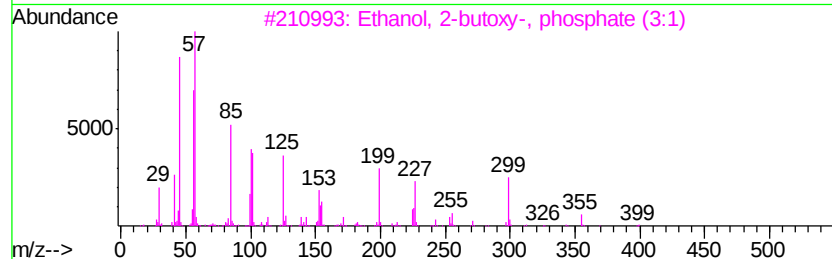
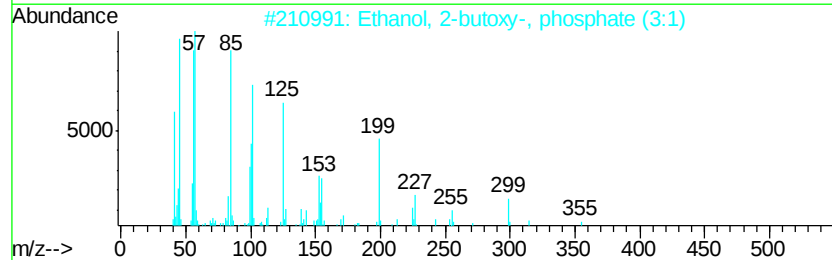
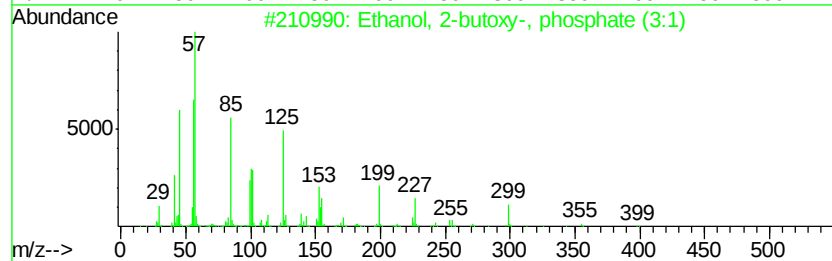
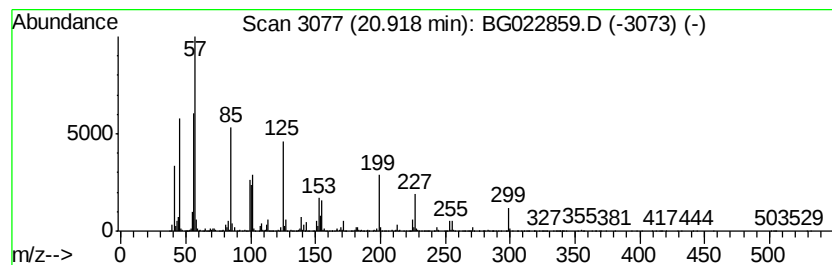
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Peak Number 3 Ethanol, 2-butoxy-, phospho... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	16.73 ng/ul	3331400	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2		Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	80
3		Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	42
4		Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	42
5		2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022859.D
Acq On : 5 Jul 2016 20:46
Operator : UM/SJ
Sample : H3811-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

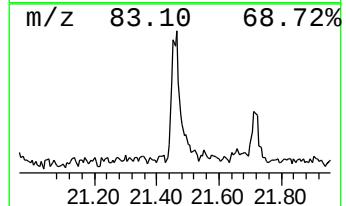
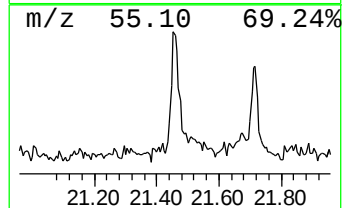
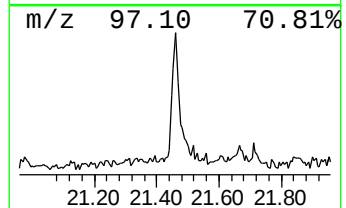
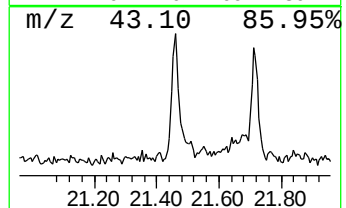
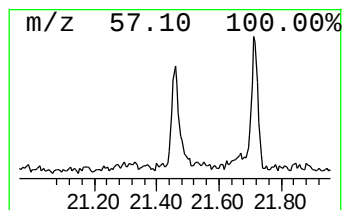
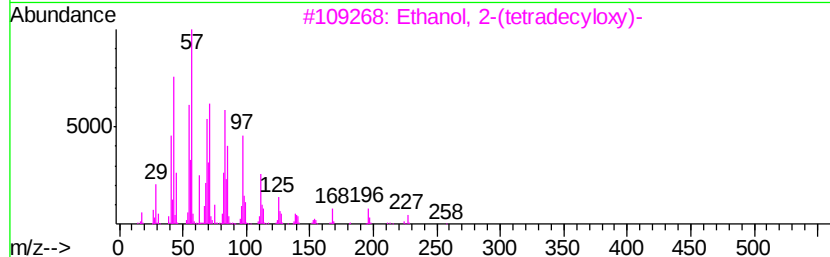
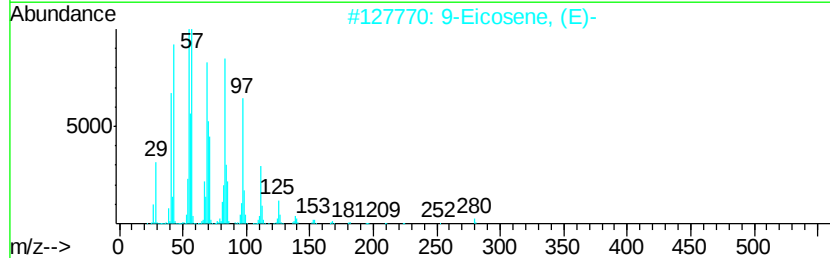
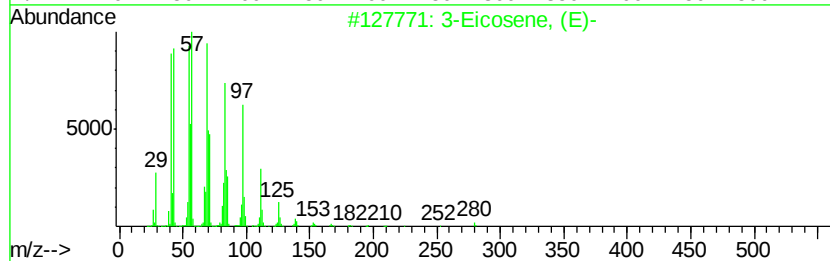
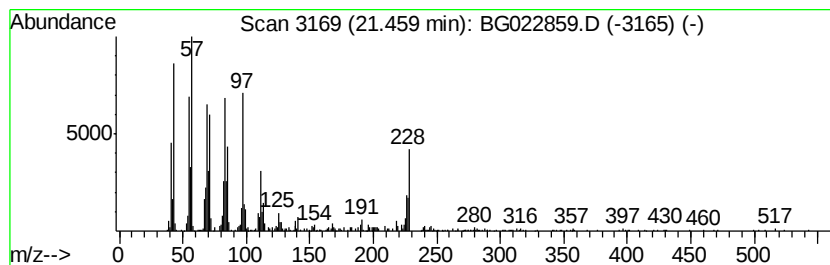
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.46 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.46	3.32 ng/ul	661596	Chrysene-d12	21.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	83
3	Ethanol, 2-(tetradecyl)-	258	C16H34O2	002136-70-1	81
4	Cyclohexadecane	224	C16H32	000295-65-8	78
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022859.D
Acq On : 5 Jul 2016 20:46
Operator : UM/SJ
Sample : H3811-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW2

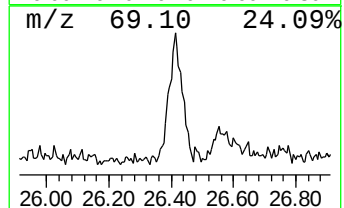
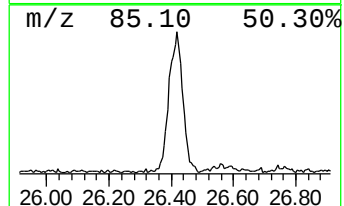
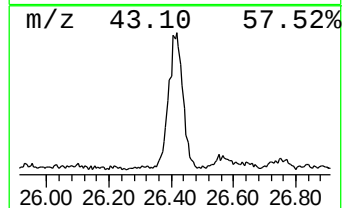
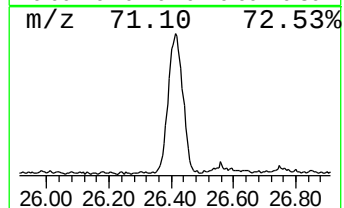
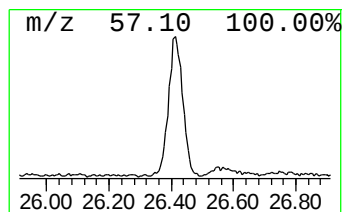
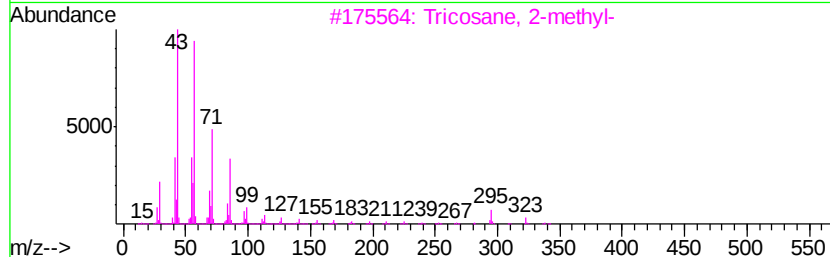
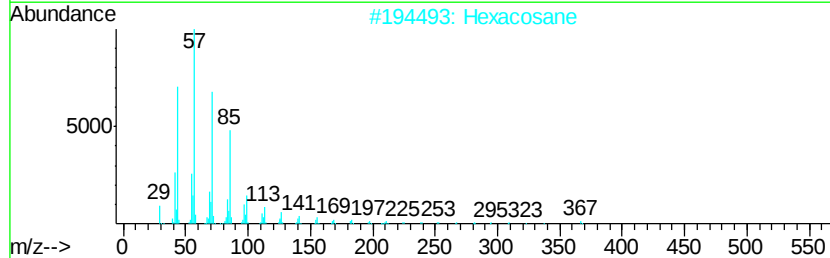
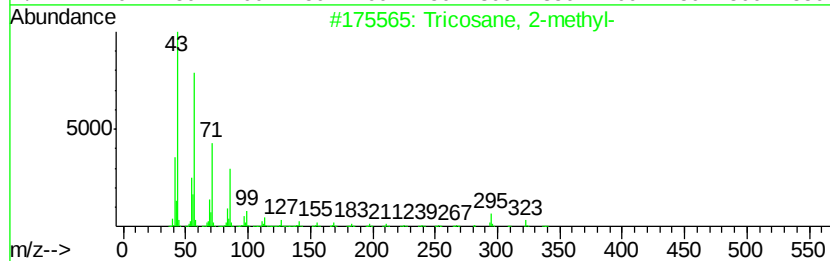
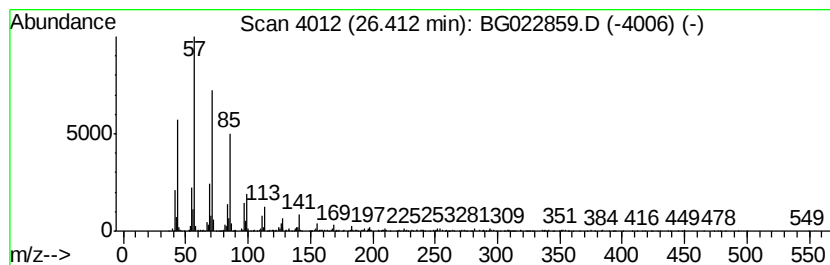
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	13.30 ng/ul	2236830	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
5		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
Data File : BG022859.D
Acq On : 5 Jul 2016 20:46
Operator : UM/SJ
Sample : H3811-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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
n-Hexadecanoic acid	18.42	5.0	ng/ul	772524	4	17.55	3123030	20.0
9,10-Dimethylantr...	19.34	2.1	ng/ul	325711	4	17.55	3123030	20.0
Ethanol, 2-butoxy...	20.92	16.7	ng/ul	3331400	5	21.85	3981520	20.0
(DEL) Alkane: Cyc...	21.46	3.3	ng/ul	661596	5	21.85	3981520	20.0
(DEL) Alkane: Str...	26.41	13.3	ng/ul	2236830	6	25.23	3362880	20.0