

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021858.D
 Acq On : 12 May 2016 00:21
 Operator : UM/SJ
 Sample : H2936-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF4

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-BG050916.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	3.261	69	72	76	rVV2	6655	6898	0.47%	0.043%
2	3.302	76	79	83	rVB	8677	12841	0.88%	0.081%
3	3.572	121	125	132	rVB6	6312	11275	0.77%	0.071%
4	3.995	195	197	205	rVB6	2760	4797	0.33%	0.030%
5	4.107	209	216	223	rBV	9261	17631	1.21%	0.111%
6	4.330	248	254	260	rBV3	4552	9365	0.64%	0.059%
7	5.347	422	427	432	rBV7	3146	5917	0.41%	0.037%
8	5.793	499	503	504	rBV3	3682	3733	0.26%	0.023%
9	6.175	564	568	573	rBV6	4746	8153	0.56%	0.051%
10	6.822	672	678	684	rVB7	3715	9402	0.64%	0.059%
11	7.156	728	735	738	rBV6	2960	5284	0.36%	0.033%
12	7.333	757	765	781	rVV	84823	187317	12.82%	1.176%
13	7.503	786	794	807	rVV	88180	178953	12.25%	1.123%
14	7.715	822	830	838	rBV	111806	226660	15.51%	1.422%
15	7.820	846	848	855	rVB4	3950	6306	0.43%	0.040%
16	8.185	897	910	921	rBV	171113	352606	24.14%	2.213%
17	8.296	927	929	933	rVB3	3691	4146	0.28%	0.026%
18	8.884	1023	1029	1039	rVV	91428	185680	12.71%	1.165%
19	9.019	1045	1052	1058	rBV	11560	23615	1.62%	0.148%
20	9.078	1058	1062	1068	rVB5	3717	6901	0.47%	0.043%
21	9.354	1101	1109	1122	rBV	92056	213841	14.64%	1.342%
22	9.501	1129	1134	1136	rBV6	2507	4752	0.33%	0.030%
23	10.077	1224	1232	1248	rBV	72550	170354	11.66%	1.069%
24	10.400	1283	1287	1289	rBV3	3702	4671	0.32%	0.029%
25	10.617	1317	1324	1334	rBV	137091	282329	19.32%	1.772%
26	10.952	1377	1381	1382	rVV	6086	7490	0.51%	0.047%
27	11.005	1382	1390	1405	rVB	290753	648438	44.38%	4.069%
28	11.140	1405	1413	1425	rBV2	49522	125309	8.58%	0.786%
29	11.669	1496	1503	1504	rBV4	2930	5268	0.36%	0.033%
30	11.810	1525	1527	1534	rVB5	3168	5936	0.41%	0.037%
31	11.892	1536	1541	1548	rVV4	3411	7282	0.50%	0.046%
32	11.998	1554	1559	1565	rBV4	12772	24329	1.67%	0.153%
33	12.303	1609	1611	1615	rVB3	3371	3983	0.27%	0.025%
34	12.386	1621	1625	1629	rBV3	9344	14365	0.98%	0.090%

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35	12.579	1652	1658	1660	rVV3	3816	6493	0.44%	0.041%
36	12.650	1663	1670	1679	rVB	24444	47424	3.25%	0.298%
37	12.779	1688	1692	1697	rBV3	3676	5966	0.41%	0.037%
38	12.867	1699	1707	1714	rBV	25302	47920	3.28%	0.301%
39	13.185	1756	1761	1768	rVB8	4405	9062	0.62%	0.057%
40	13.261	1768	1774	1779	rBV8	3060	7942	0.54%	0.050%
41	13.326	1779	1785	1792	rVB4	11691	22937	1.57%	0.144%
42	13.402	1795	1798	1805	rVB6	3783	7090	0.49%	0.044%
43	13.614	1828	1834	1837	rBV3	16091	26848	1.84%	0.168%
44	13.678	1843	1845	1850	rVB5	8100	11925	0.82%	0.075%
45	13.843	1866	1873	1876	rBV6	3577	7371	0.50%	0.046%
46	13.978	1890	1896	1905	rVB4	12318	31932	2.19%	0.200%
47	14.078	1910	1913	1916	rVV3	3028	4036	0.28%	0.025%
48	14.125	1916	1921	1926	rVV2	26382	50016	3.42%	0.314%
49	14.201	1926	1934	1939	rVV	315286	555529	38.02%	3.486%
50	14.248	1939	1942	1950	rVV	79949	141772	9.70%	0.890%
51	14.313	1950	1953	1956	rVV4	4375	5927	0.41%	0.037%
52	14.360	1956	1961	1972	rVB5	13520	33020	2.26%	0.207%
53	14.501	1978	1985	2000	rBV	426687	780066	53.39%	4.895%
54	14.630	2003	2007	2011	rVV5	5632	9683	0.66%	0.061%
55	14.677	2011	2015	2021	rVB2	31292	46223	3.16%	0.290%
56	14.806	2026	2037	2045	rBV2	510283	952711	65.21%	5.979%
57	14.871	2045	2048	2054	rVB4	11472	21846	1.50%	0.137%
58	15.006	2065	2071	2080	rBV3	32546	95195	6.52%	0.597%
59	15.200	2097	2104	2110	rVB4	20713	44057	3.02%	0.276%
60	15.276	2113	2117	2118	rBV4	7594	9449	0.65%	0.059%
61	15.359	2128	2131	2135	rVB4	5949	7024	0.48%	0.044%
62	15.411	2135	2140	2146	rBV	12350	23502	1.61%	0.147%
63	15.470	2146	2150	2154	rVB2	7959	12360	0.85%	0.078%
64	15.582	2162	2169	2172	rBV6	18971	32794	2.24%	0.206%
65	15.623	2172	2176	2181	rVB	47834	72079	4.93%	0.452%
66	15.793	2198	2205	2211	rBV	544442	911873	62.42%	5.723%
67	15.840	2211	2213	2218	rVV4	28045	40342	2.76%	0.253%
68	15.905	2219	2224	2234	rVB	82609	143188	9.80%	0.899%
69	16.028	2238	2245	2256	rVB4	23905	55664	3.81%	0.349%
70	16.140	2258	2264	2268	rVB3	14718	27462	1.88%	0.172%
71	16.252	2279	2283	2285	rBV4	6930	9869	0.68%	0.062%

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72	16.287	2285	2289	2295	rVB3	12818	23256	1.59%	0.146%
73	16.510	2325	2327	2335	rVB3	68779	94985	6.50%	0.596%
74	16.686	2356	2357	2361	rVB4	4657	4514	0.31%	0.028%
75	16.992	2405	2409	2416	rVB10	8579	17392	1.19%	0.109%
76	17.074	2418	2423	2427	rBV6	17234	33375	2.28%	0.209%
77	17.203	2440	2445	2450	rBV	29008	48911	3.35%	0.307%
78	17.280	2453	2458	2463	rBV2	49292	78493	5.37%	0.493%
79	17.333	2463	2467	2470	rVV4	11567	15925	1.09%	0.100%
80	17.368	2470	2473	2477	rVB3	10414	11943	0.82%	0.075%
81	17.415	2478	2481	2485	rBV5	15187	19997	1.37%	0.125%
82	17.491	2489	2494	2496	rBV6	9000	14171	0.97%	0.089%
83	17.550	2497	2504	2508	rBV	596539	1043301	71.41%	6.547%
84	17.591	2508	2511	2515	rVV	259306	400861	27.44%	2.516%
85	17.650	2515	2521	2531	rVB2	487678	921342	63.06%	5.782%
86	18.020	2579	2584	2588	rBV	31430	47606	3.26%	0.299%
87	18.361	2636	2642	2647	rBV4	53988	109766	7.51%	0.689%
88	18.420	2647	2652	2656	rVV2	126685	219339	15.01%	1.377%
89	18.467	2657	2660	2669	rVB2	61120	123825	8.48%	0.777%
90	18.608	2680	2684	2689	rBV2	50798	101416	6.94%	0.636%
91	18.708	2697	2701	2707	rBV3	35296	68043	4.66%	0.427%
92	18.913	2732	2736	2739	rBV	34670	51043	3.49%	0.320%
93	18.954	2740	2743	2749	rVB3	29062	49621	3.40%	0.311%
94	19.330	2802	2807	2811	rBV3	75771	114325	7.83%	0.717%
95	19.589	2846	2851	2857	rBV	386838	584512	40.01%	3.668%
96	19.924	2902	2908	2912	rBV	646449	1202871	82.33%	7.549%
97	21.698	3208	3210	3216	rVB	90468	129402	8.86%	0.812%
98	21.833	3226	3233	3239	rBV2	640636	1460969	100.00%	9.169%
99	24.953	3757	3764	3773	rBV2	233714	654932	44.83%	4.110%
100	25.188	3795	3804	3819	rBV2	375449	1183948	81.04%	7.430%

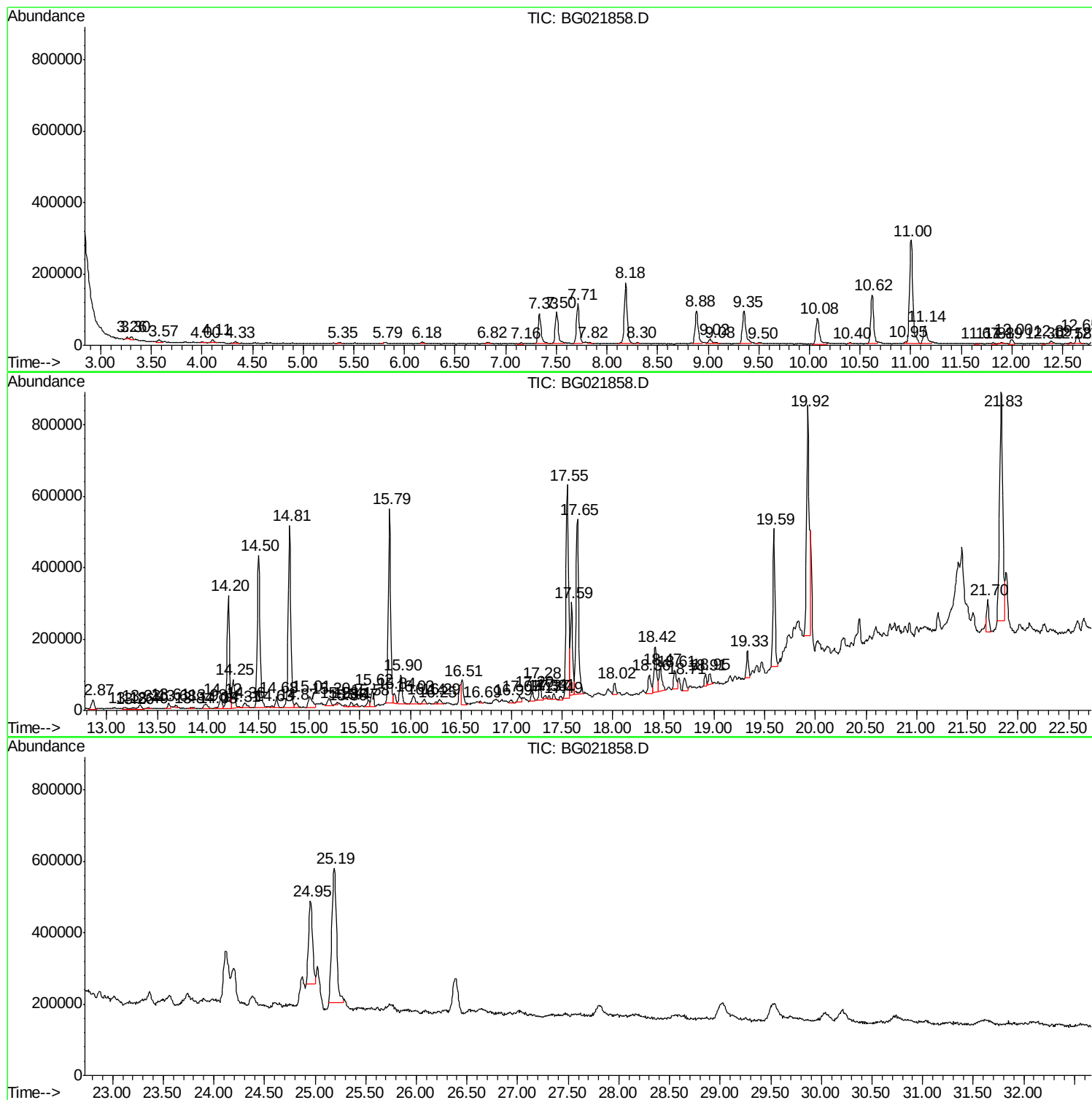
Sum of corrected areas: 15934508

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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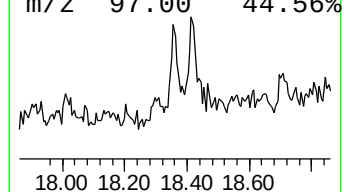
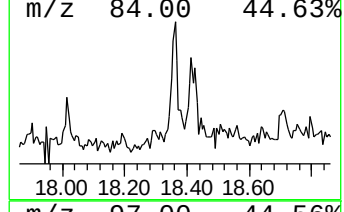
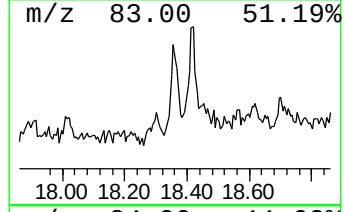
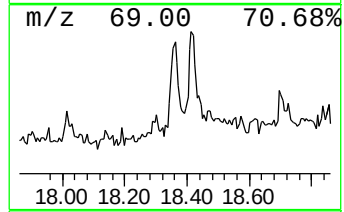
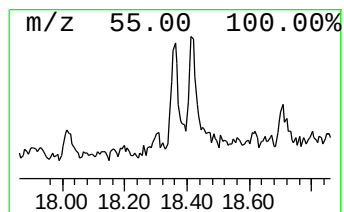
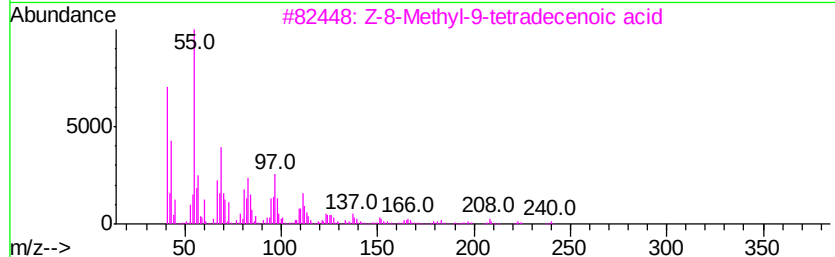
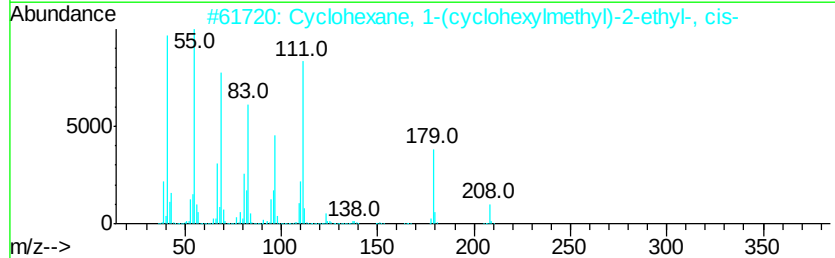
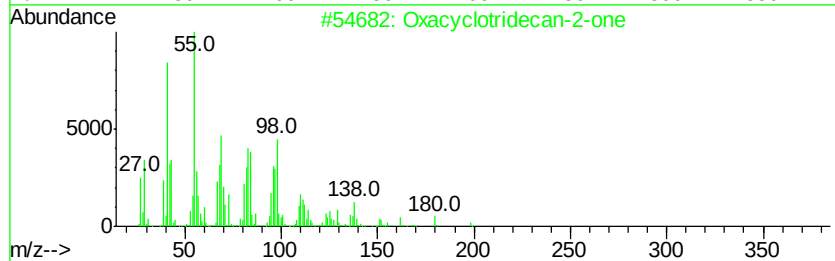
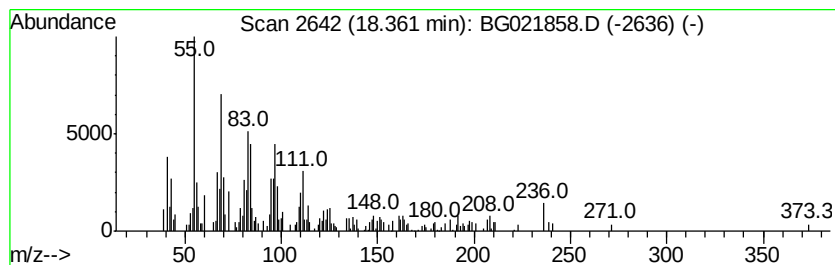
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Oxacyclotridecan-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.36	2.10 ng/ul	109766	Phenanthrene-d10	17.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	89
2		Cyclohexane, 1-(cyclohexylmethyl)-2-ethyl-, cis-	208	C15H28	054934-93-9	64
3		Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	52
4		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	52
5		9-Tetradecenal, (Z)-	210	C14H26O	053939-27-8	49



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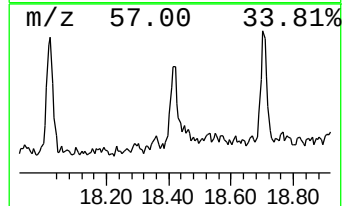
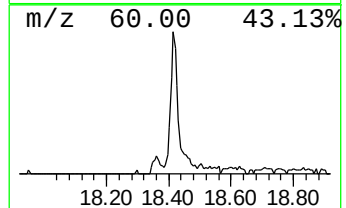
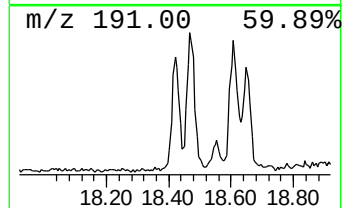
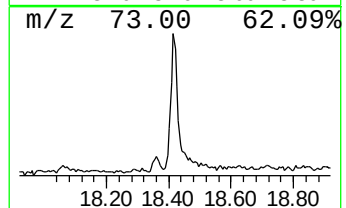
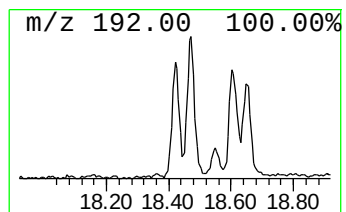
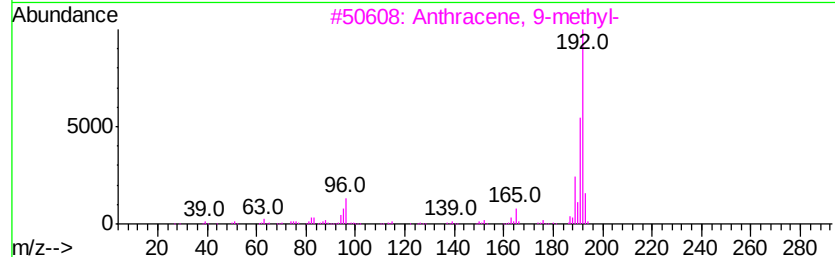
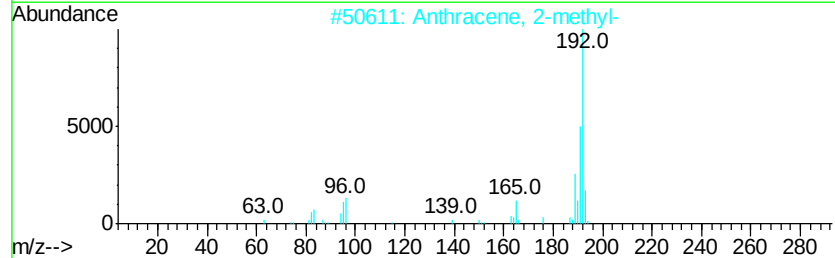
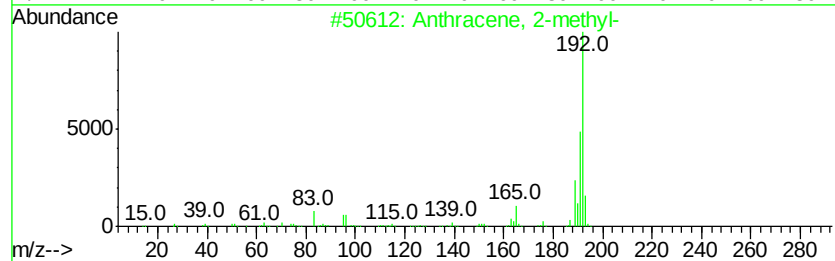
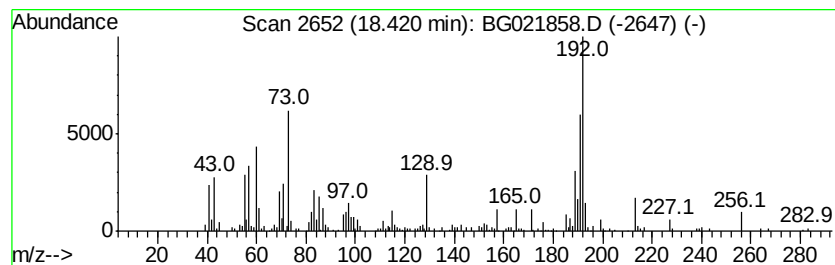
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.42	4.20 ng/ul	219339	Phenanthrene-d10		17.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55



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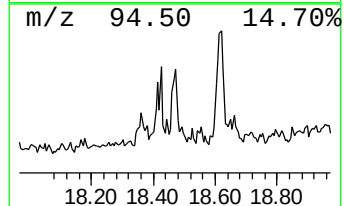
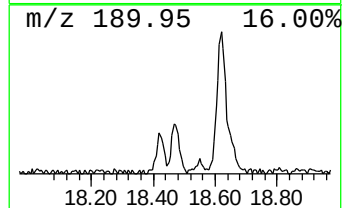
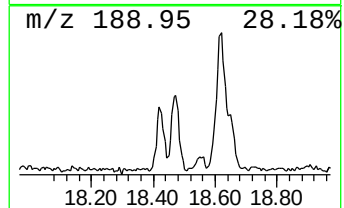
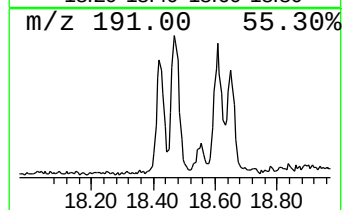
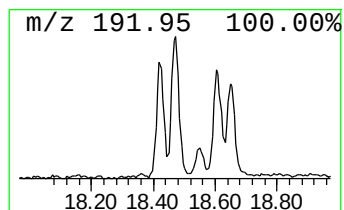
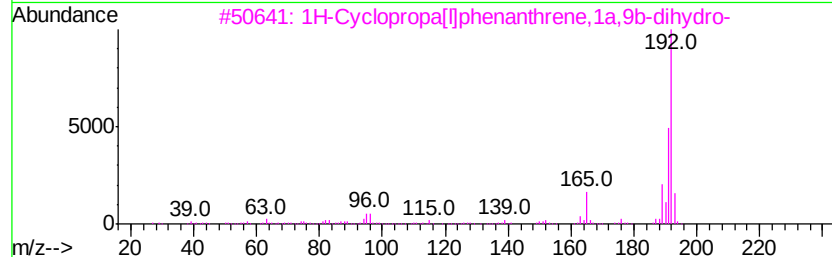
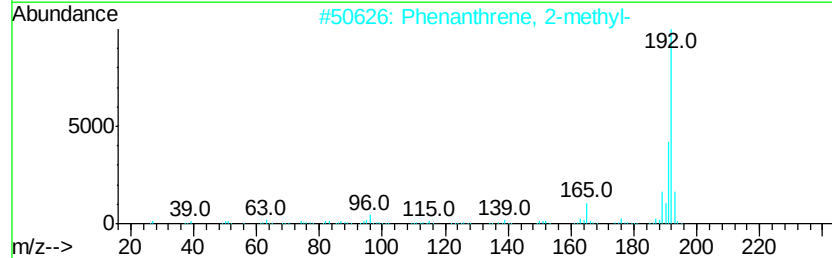
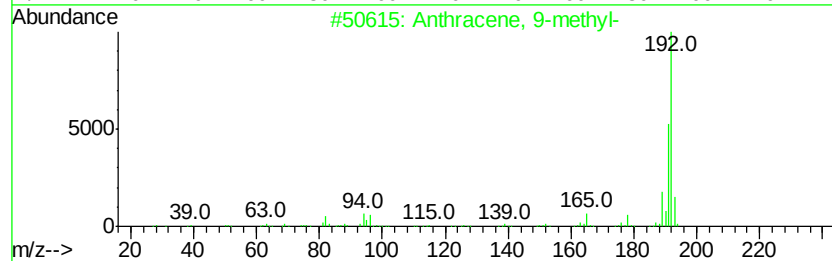
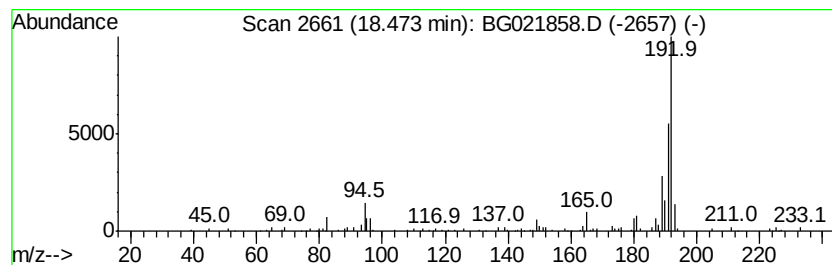
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Peak Number 3 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.47	2.37 ng/ul	123825	Phenanthrene-d10	17.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021858.D
Acq On : 12 May 2016 00:21
Operator : UM/SJ
Sample : H2936-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WF4

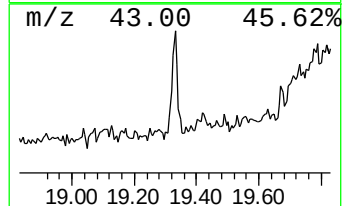
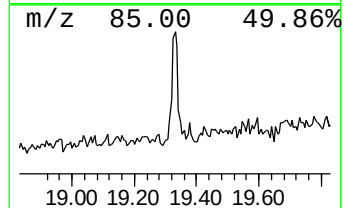
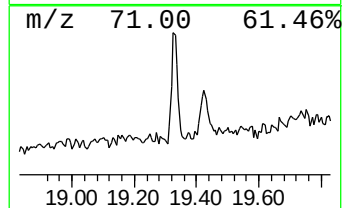
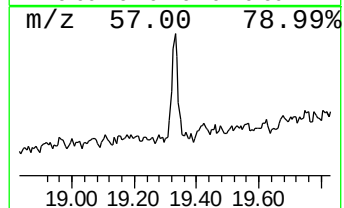
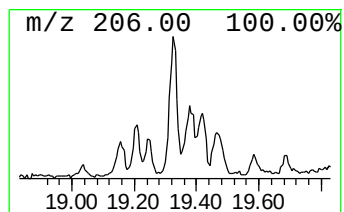
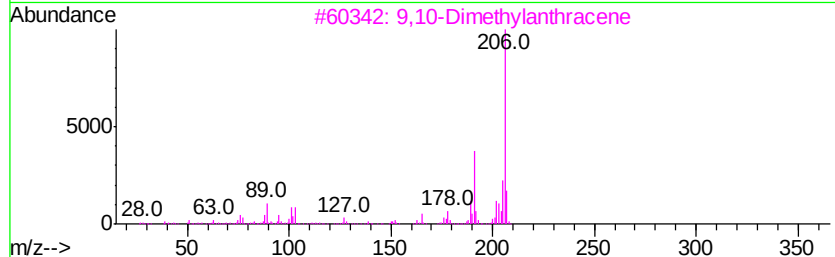
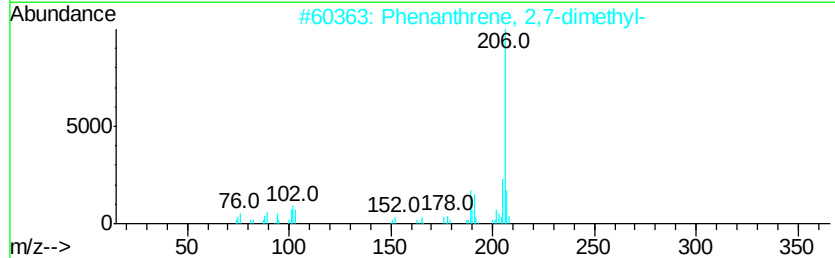
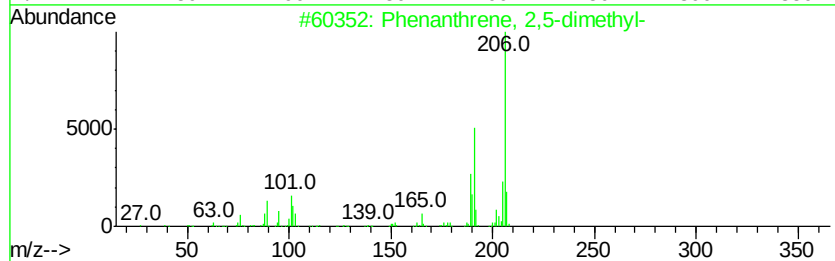
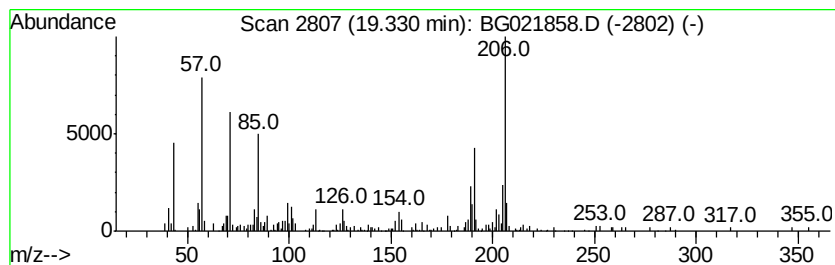
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.19 ng/ul	114325	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60



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BNA_G
ClientSampleId :
D9WF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Oxacyclotridecan-...	18.36	2.1	ng/ul	109766	4	17.55	1043300	20.0
Anthracene, 2-met...	18.42	4.2	ng/ul	219339	4	17.55	1043300	20.0
Anthracene, 9-met...	18.47	2.4	ng/ul	123825	4	17.55	1043300	20.0
Phenanthrene, 2,5...	19.33	2.2	ng/ul	114325	4	17.55	1043300	20.0