

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043148.D
 Acq On : 10 Oct 2019 21:48
 Operator : JU
 Sample : K5177-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEPK2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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	3.158	7	12	21	rBV	258535	531026	41.08%	4.796%
2	3.235	21	25	37	rVB	480568	737459	57.05%	6.660%
3	3.475	64	66	67	rBV2	2599	1758	0.14%	0.016%
4	3.640	92	94	97	rVB3	2445	1991	0.15%	0.018%
5	3.716	105	107	109	rVB2	3429	2475	0.19%	0.022%
6	3.916	139	141	145	rVB4	2162	2196	0.17%	0.020%
7	4.022	156	159	161	rBV3	5512	6478	0.50%	0.059%
8	4.151	178	181	186	rVB4	5999	8039	0.62%	0.073%
9	4.310	204	208	212	rVB4	2140	2781	0.22%	0.025%
10	4.480	235	237	240	rVB3	2866	2245	0.17%	0.020%
11	4.715	275	277	280	rVB4	2094	2524	0.20%	0.023%
12	4.739	280	281	285	rVB2	1557	1514	0.12%	0.014%
13	5.015	325	328	330	rBV2	1556	2087	0.16%	0.019%
14	5.156	347	352	360	rVB3	9260	17306	1.34%	0.156%
15	5.267	366	371	374	rBV3	1392	1979	0.15%	0.018%
16	5.361	385	387	392	rBV3	1450	2738	0.21%	0.025%
17	5.679	438	441	443	rBV2	1597	1791	0.14%	0.016%
18	6.049	502	504	506	rBV2	1419	1527	0.12%	0.014%
19	6.901	647	649	652	rVB2	1828	1632	0.13%	0.015%
20	6.960	654	659	661	rBV	1172	1751	0.14%	0.016%
21	7.077	675	679	682	rVB2	1336	1588	0.12%	0.014%
22	7.230	695	705	722	rBV3	40504	130147	10.07%	1.175%
23	7.383	724	731	740	rVV	33158	66952	5.18%	0.605%
24	7.594	759	767	779	rBV2	51341	109782	8.49%	0.992%
25	8.052	838	845	862	rBV	151530	310783	24.04%	2.807%
26	8.663	946	949	953	rBV2	1292	2458	0.19%	0.022%
27	8.775	961	968	980	rBV2	37651	97861	7.57%	0.884%
28	8.881	983	986	995	rVB5	7009	14719	1.14%	0.133%
29	9.216	1036	1043	1055	rBV2	47729	107970	8.35%	0.975%
30	9.568	1101	1103	1107	rVB	1133	1755	0.14%	0.016%
31	9.639	1107	1115	1122	rBV3	3418	7697	0.60%	0.070%
32	9.745	1130	1133	1135	rVB	1473	1511	0.12%	0.014%
33	9.880	1152	1156	1159	rBV	1348	1886	0.15%	0.017%
34	9.944	1159	1167	1173	rBV2	42962	90607	7.01%	0.818%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043148.D
 Acq On : 10 Oct 2019 21:48
 Operator : JU
 Sample : K5177-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEPK2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Title : SVOA CALIBRATION

35	10.297	1225	1227	1232	rVV3	2264	2497	0.19%	0.023%
36	10.491	1252	1260	1275	rBV3	45825	133362	10.32%	1.204%
37	10.614	1279	1281	1284	rVB3	2030	2519	0.19%	0.023%
38	10.861	1314	1323	1332	rBV	225247	432952	33.49%	3.910%
39	11.008	1340	1348	1363	rBV4	21242	70600	5.46%	0.638%
40	11.460	1424	1425	1430	rBV4	1075	1585	0.12%	0.014%
41	11.848	1487	1491	1495	rBV2	1160	2084	0.16%	0.019%
42	14.075	1862	1870	1875	rBV	172665	271696	21.02%	2.454%
43	14.122	1875	1878	1891	rVB2	67806	116309	9.00%	1.050%
44	14.369	1913	1920	1932	rBV2	182339	313936	24.28%	2.835%
45	14.674	1962	1972	1984	rBV	413325	713258	55.18%	6.442%
46	14.927	2003	2015	2025	rBV6	12141	49238	3.81%	0.445%
47	15.056	2034	2037	2038	rBV3	1780	1494	0.12%	0.013%
48	15.467	2102	2107	2108	rBV3	1966	2363	0.18%	0.021%
49	15.520	2113	2116	2121	rVB3	2042	3576	0.28%	0.032%
50	15.561	2121	2123	2125	rBV	2125	1643	0.13%	0.015%
51	15.667	2132	2141	2155	rBV2	238903	421845	32.63%	3.810%
52	15.785	2155	2161	2171	rVV2	44581	90073	6.97%	0.814%
53	15.855	2171	2173	2176	rVV2	2600	2610	0.20%	0.024%
54	15.908	2180	2182	2186	rVB2	3060	3362	0.26%	0.030%
55	16.008	2198	2199	2202	rBV	1914	1617	0.13%	0.015%
56	16.049	2202	2206	2209	rVB2	1653	2126	0.16%	0.019%
57	16.143	2219	2222	2226	rVB	1245	1998	0.15%	0.018%
58	16.372	2258	2261	2265	rBV2	2190	2579	0.20%	0.023%
59	16.460	2274	2276	2281	rVB2	1510	1906	0.15%	0.017%
60	16.578	2294	2296	2299	rVB	1685	1546	0.12%	0.014%
61	16.889	2348	2349	2352	rBV2	1559	1975	0.15%	0.018%
62	17.007	2367	2369	2372	rBV2	2223	2590	0.20%	0.023%
63	17.206	2399	2403	2406	rBV2	2404	3216	0.25%	0.029%
64	17.342	2424	2426	2431	rBV3	979	1519	0.12%	0.014%
65	17.418	2432	2439	2450	rVV2	549765	941046	72.80%	8.499%
66	17.518	2450	2456	2473	rVV	263092	473261	36.61%	4.274%
67	17.624	2473	2474	2477	rVB	2921	2401	0.19%	0.022%
68	17.712	2487	2489	2495	rVB3	1928	2637	0.20%	0.024%
69	17.812	2502	2506	2507	rVB2	1746	1681	0.13%	0.015%
70	17.835	2507	2510	2513	rBV2	1699	2035	0.16%	0.018%
71	17.906	2519	2522	2524	rBV2	2128	2454	0.19%	0.022%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043148.D
 Acq On : 10 Oct 2019 21:48
 Operator : JU
 Sample : K5177-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEPK2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Title : SVOA CALIBRATION

72	18.082	2550	2552	2553	rBV2	1560	1535	0.12%	0.014%
73	18.111	2556	2557	2560	rBV2	1693	1515	0.12%	0.014%
74	18.188	2567	2570	2571	rBV	1670	1845	0.14%	0.017%
75	18.217	2573	2575	2577	rVB	1637	1535	0.12%	0.014%
76	18.252	2580	2581	2585	rBV3	1672	2391	0.18%	0.022%
77	18.311	2585	2591	2594	rBV5	16782	27778	2.15%	0.251%
78	18.534	2627	2629	2632	rVV4	2089	1804	0.14%	0.016%
79	18.640	2645	2647	2650	rVB2	2243	1832	0.14%	0.017%
80	18.664	2650	2651	2653	rVB2	2966	1690	0.13%	0.015%
81	18.687	2653	2655	2657	rBV2	1451	1659	0.13%	0.015%
82	18.799	2672	2674	2675	rBV	2301	1731	0.13%	0.016%
83	18.869	2685	2686	2687	rBV	3216	1621	0.13%	0.015%
84	18.887	2687	2689	2690	rVB2	2910	1866	0.14%	0.017%
85	19.104	2722	2726	2729	rBV5	3777	6534	0.51%	0.059%
86	19.151	2733	2734	2737	rVB3	3099	2118	0.16%	0.019%
87	19.233	2744	2748	2751	rVB5	4737	5974	0.46%	0.054%
88	19.557	2802	2803	2804	rBV	2695	1524	0.12%	0.014%
89	19.680	2823	2824	2825	rBV	3128	1876	0.15%	0.017%
90	19.803	2839	2845	2854	rBV	406319	633862	49.03%	5.725%
91	20.332	2932	2935	2941	rVB3	17061	20695	1.60%	0.187%
92	21.331	3100	3105	3114	rBV2	113905	239752	18.55%	2.165%
93	21.689	3159	3166	3183	rBV	655816	1178518	91.17%	10.644%
94	22.512	3297	3306	3316	rBV2	115225	354412	27.42%	3.201%
95	23.182	3417	3420	3425	rVB2	31390	51188	3.96%	0.462%
96	23.987	3552	3557	3564	rVB3	62344	130573	10.10%	1.179%
97	24.686	3668	3676	3689	rVB2	214370	589504	45.60%	5.324%
98	24.909	3704	3714	3726	rBV3	419133	1292716	100.00%	11.675%
99	26.061	3904	3910	3922	rVB3	50822	148175	11.46%	1.338%
100	26.901	4051	4053	4056	rBV3	6972	5358	0.41%	0.048%

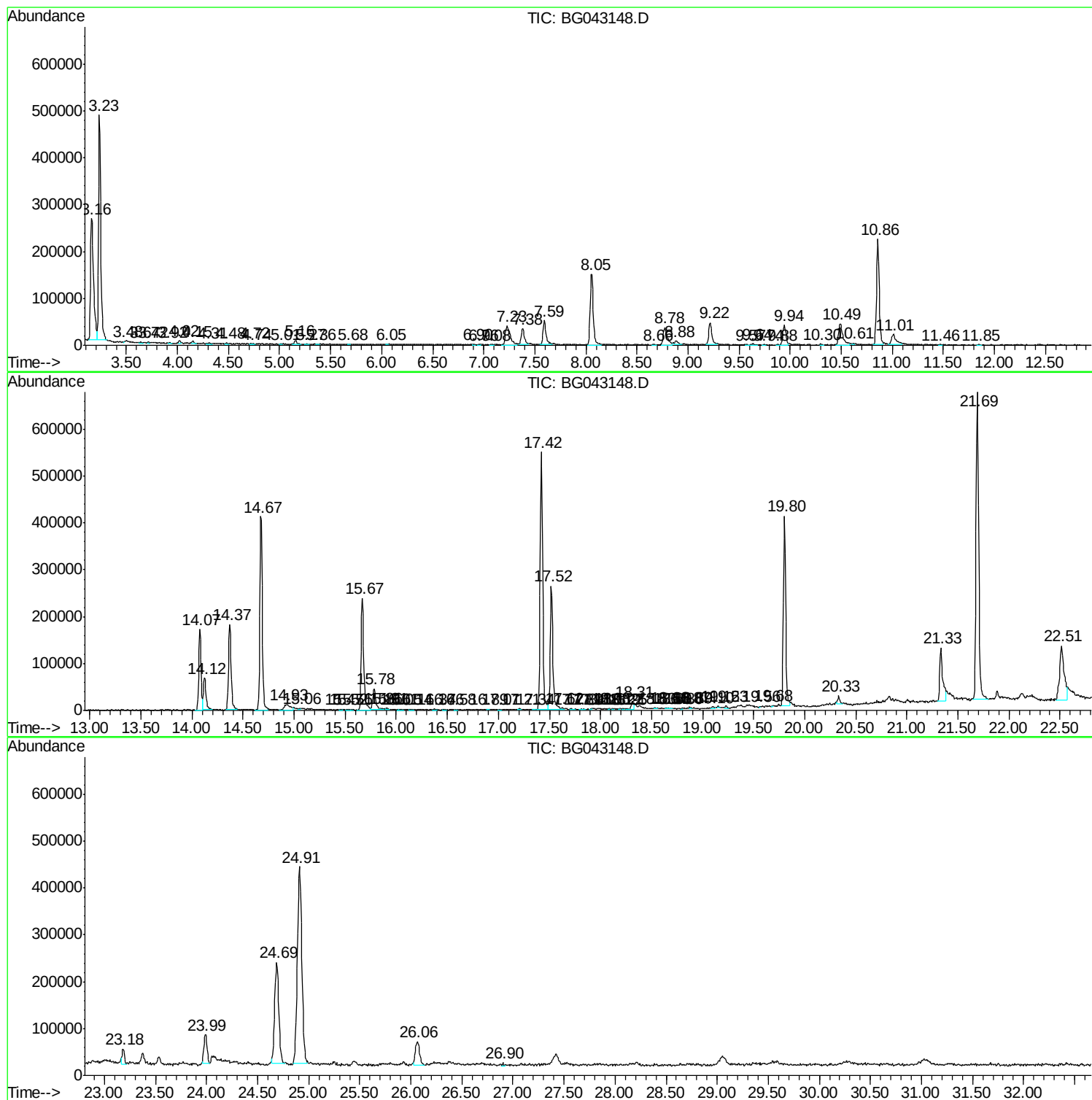
Sum of corrected areas: 11072183

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043148.D
Acq On : 10 Oct 2019 21:48
Operator : JU
Sample : K5177-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043148.D
Acq On : 10 Oct 2019 21:48
Operator : JU
Sample : K5177-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPK2

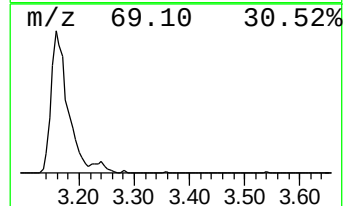
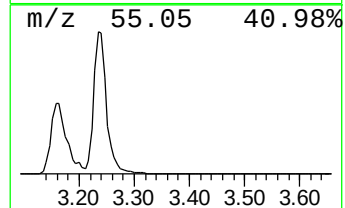
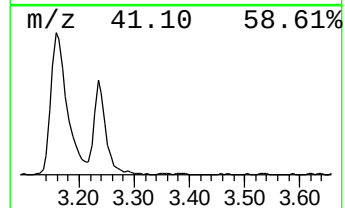
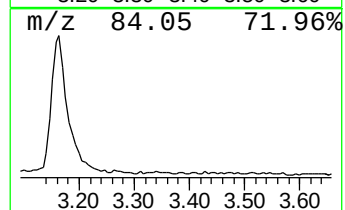
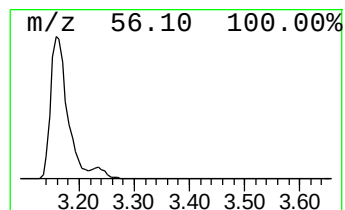
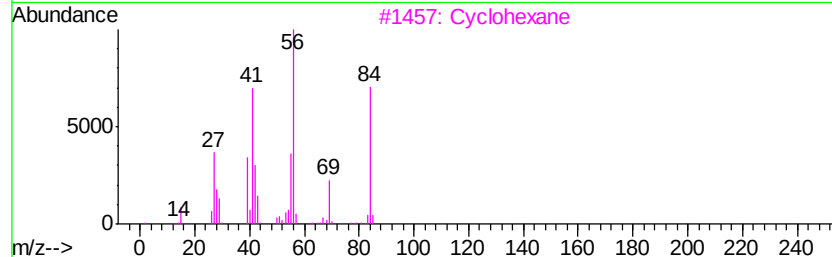
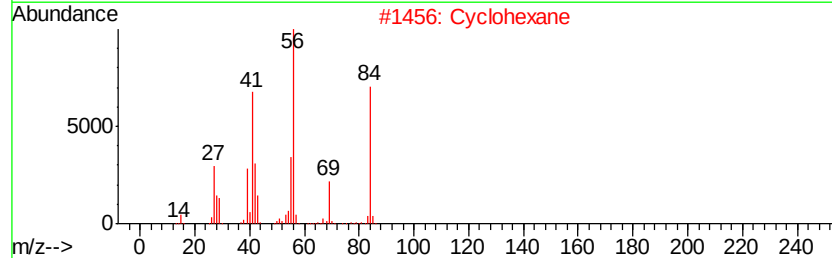
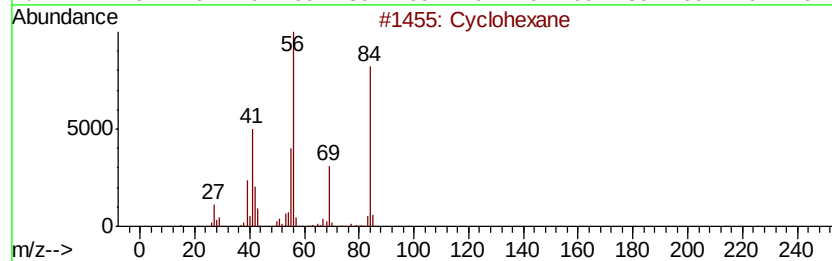
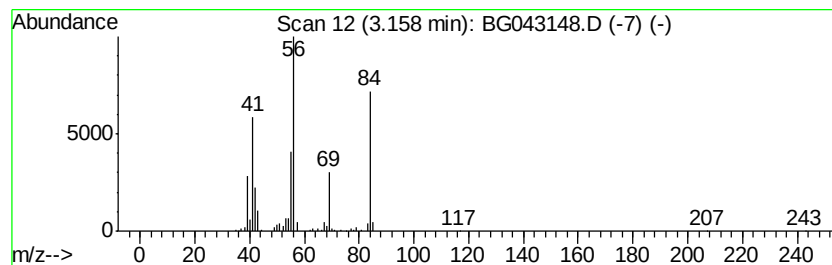
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	34.17 ng/ul	531026	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	91
2		Cyclohexane	84	C6H12	000110-82-7	91
3		Cyclohexane	84	C6H12	000110-82-7	91
4		Cyclohexane	84	C6H12	000110-82-7	86
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043148.D
Acq On : 10 Oct 2019 21:48
Operator : JU
Sample : K5177-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPK2

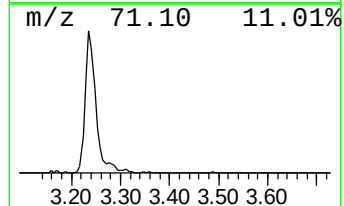
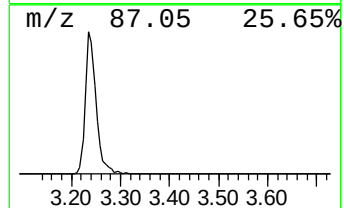
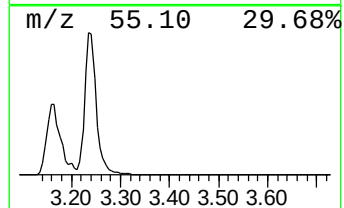
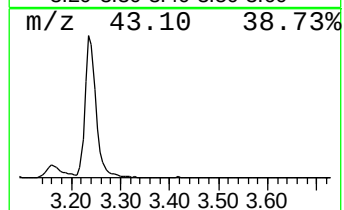
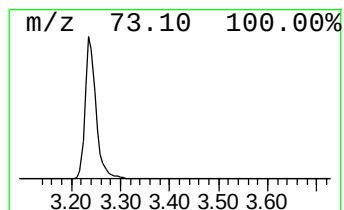
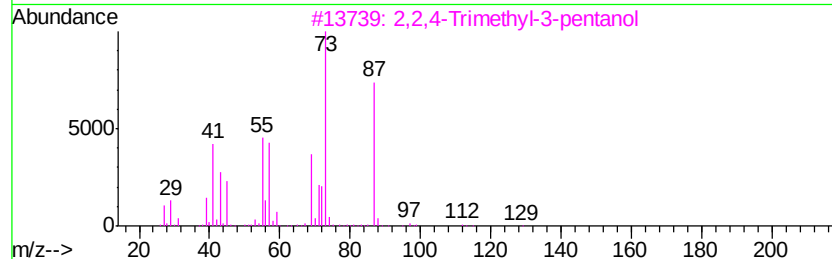
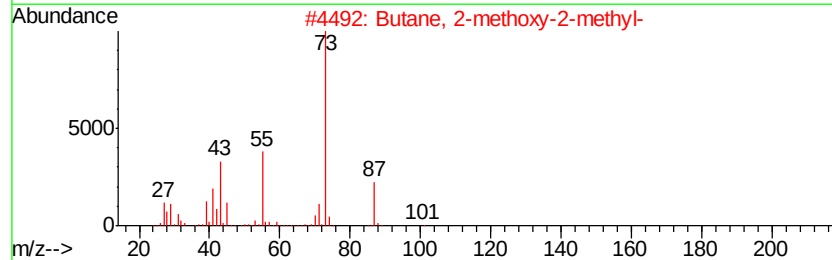
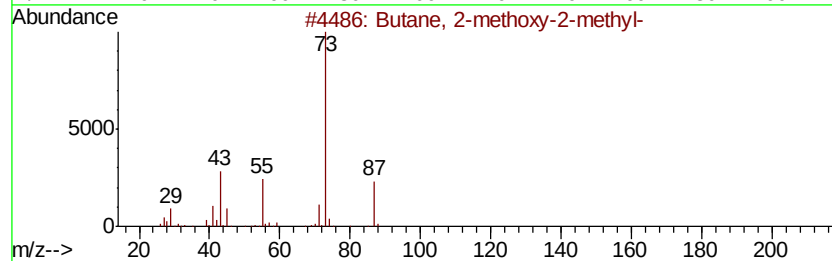
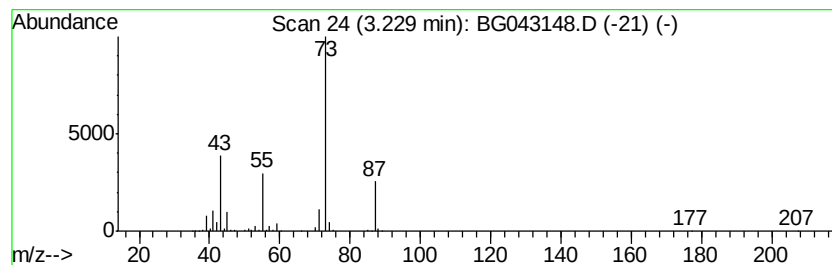
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	47.46 ng/ul	737459	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043148.D
Acq On : 10 Oct 2019 21:48
Operator : JU
Sample : K5177-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPK2

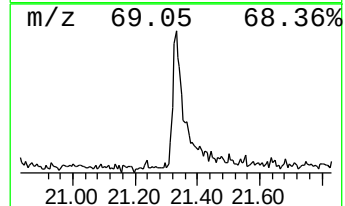
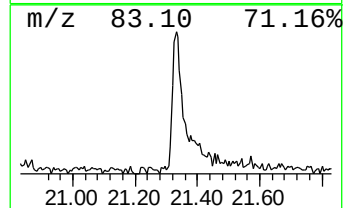
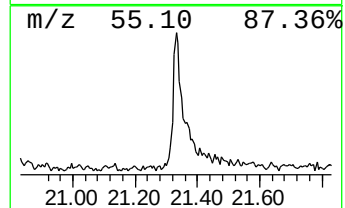
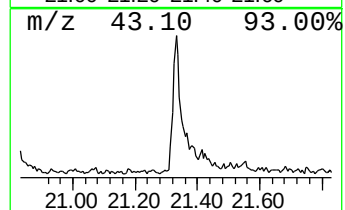
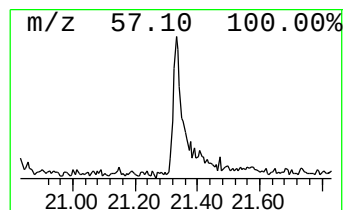
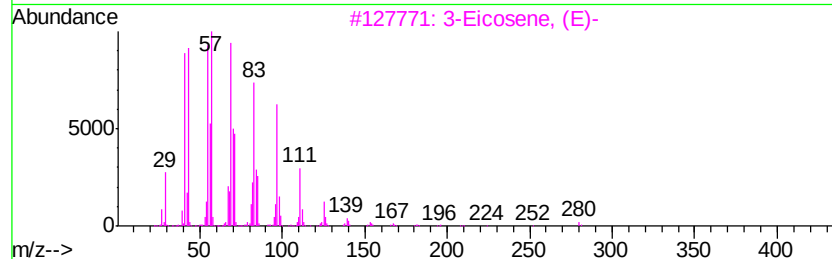
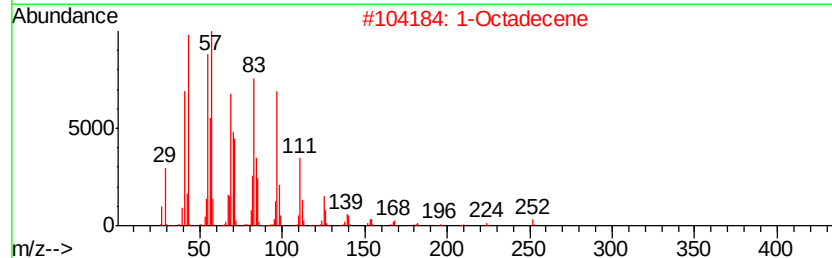
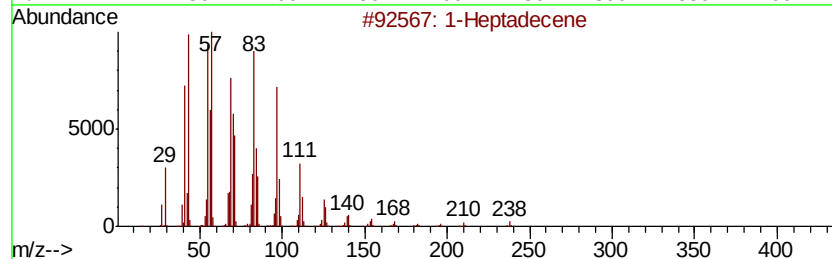
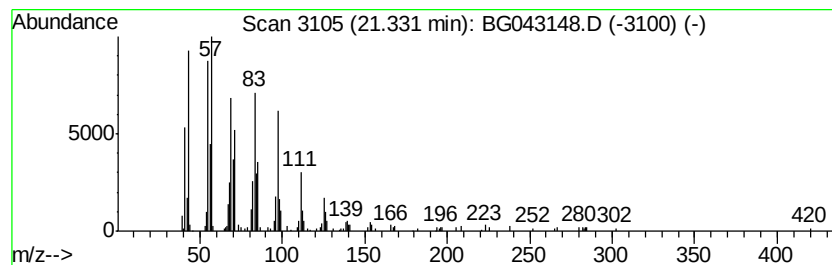
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.33 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.07 ng/ul	239752	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecene	238	C17H34	006765-39-5	98
2		1-Octadecene	252	C18H36	000112-88-9	98
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	98
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	97
5		3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043148.D
Acq On : 10 Oct 2019 21:48
Operator : JU
Sample : K5177-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

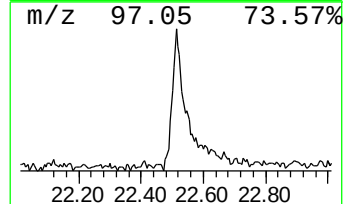
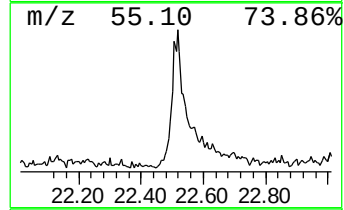
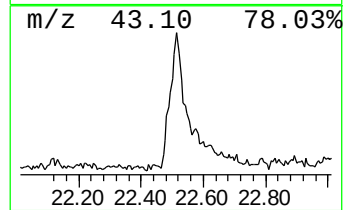
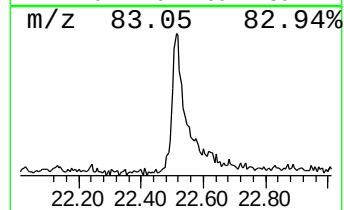
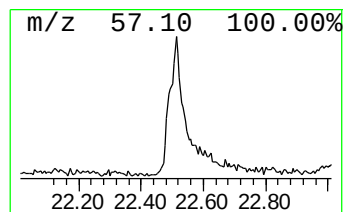
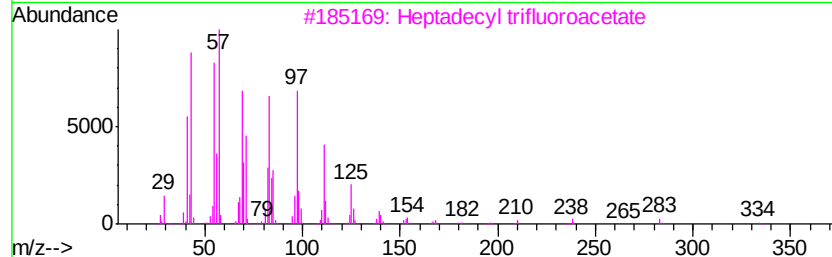
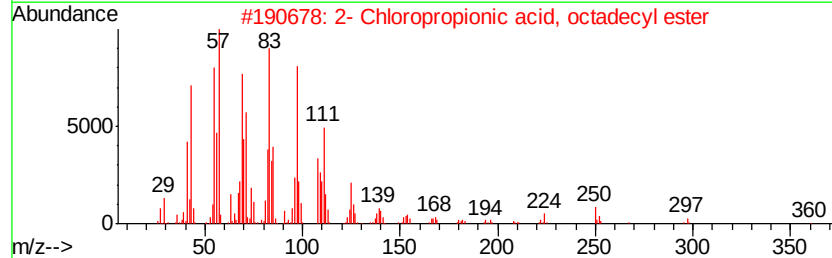
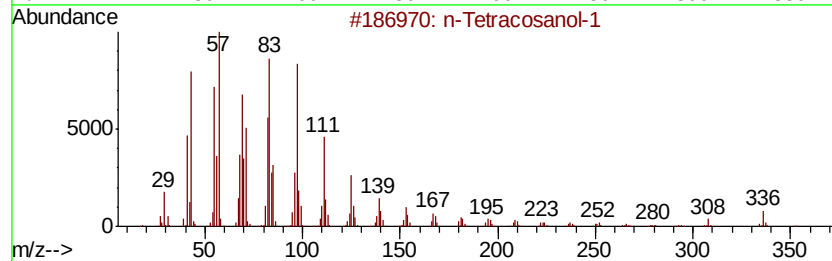
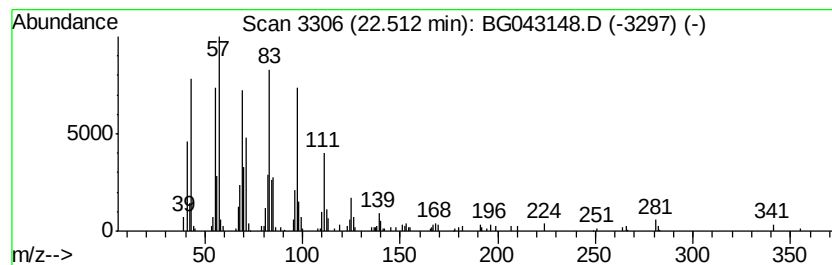
Instrument :
BNA_G
ClientSampleId :
BEPK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	6.01 ng/ul	354412	Chrysene-d12	21.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	94
2	2- Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8	94
3	Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0	93
4	1-Heptacosanol	396 C27H56O	002004-39-9	93
5	n-Tetracosanol-1	354 C24H50O	000506-51-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043148.D
Acq On : 10 Oct 2019 21:48
Operator : JU
Sample : K5177-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPK2

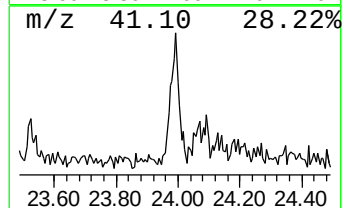
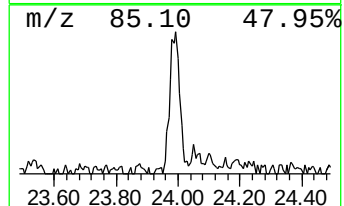
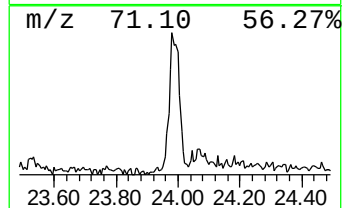
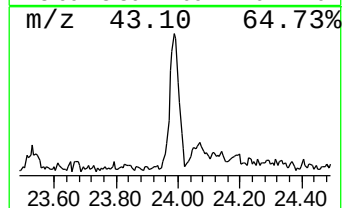
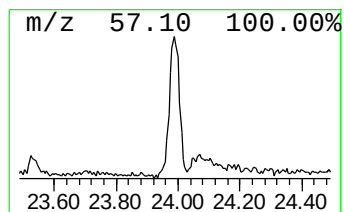
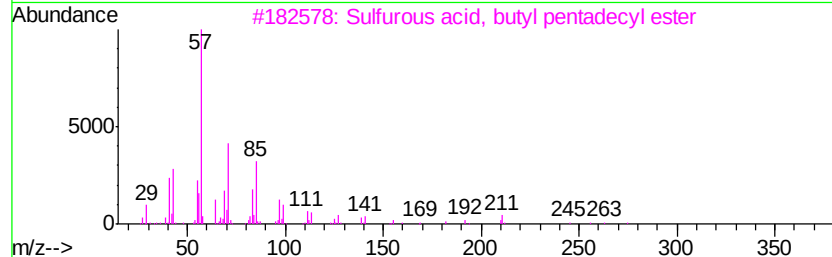
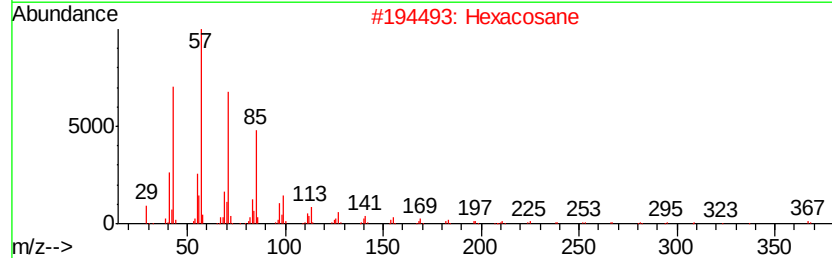
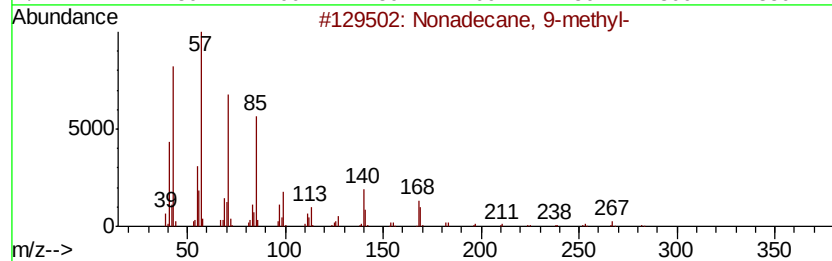
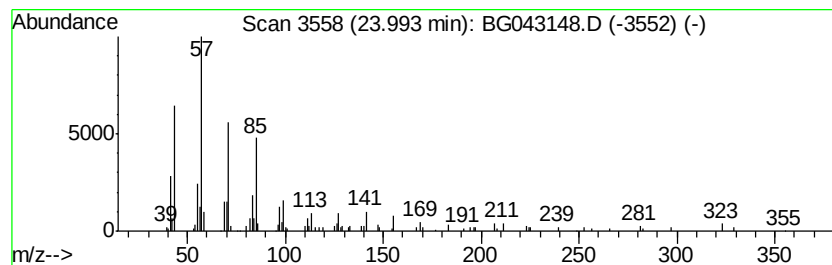
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.02 ng/ul	130573	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	95
2		Hexacosane	366	C26H54	000630-01-3	91
3		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043148.D
Acq On : 10 Oct 2019 21:48
Operator : JU
Sample : K5177-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPK2

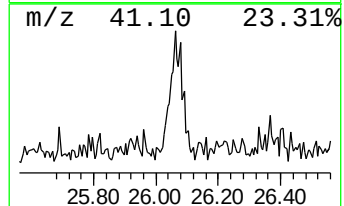
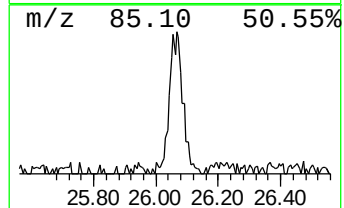
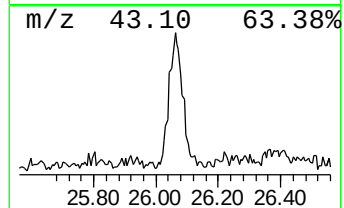
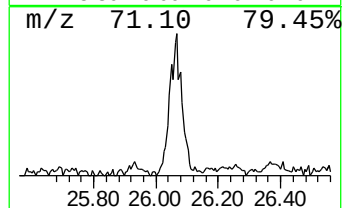
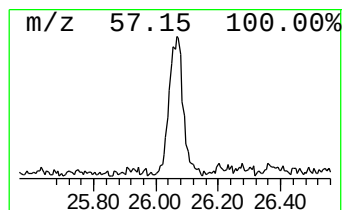
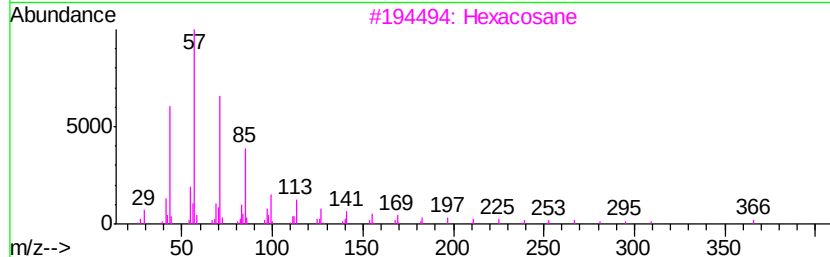
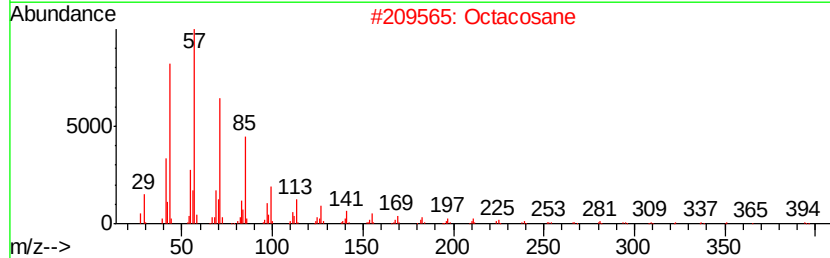
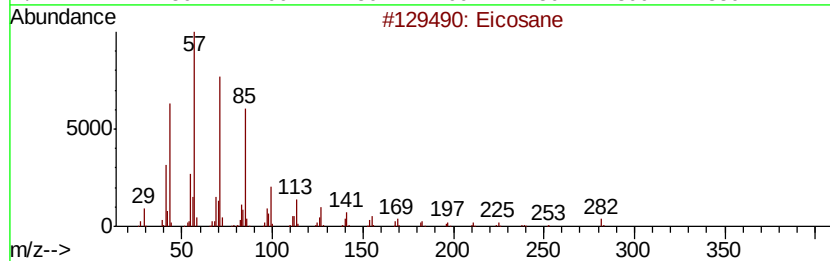
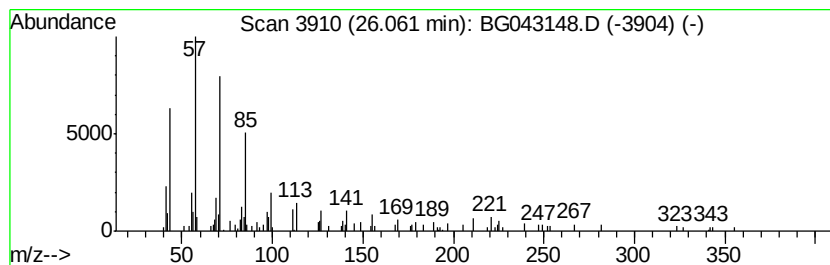
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	2.29 ng/ul	148175	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043148.D
Acq On : 10 Oct 2019 21:48
Operator : JU
Sample : K5177-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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
(DEL) Alkane: Cyc...	3.16	34.2	ng/ul	531026	1	8.06	310783	20.0
Butane, 2-methoxy...	3.23	47.5	ng/ul	737459	1	8.06	310783	20.0
(DEL) Alkane: Cyc...	21.33	4.1	ng/ul	239752	5	21.69	1178520	20.0
n-Tetracosanol-1	22.51	6.0	ng/ul	354412	5	21.69	1178520	20.0
(DEL) Alkane: Str...	23.99	2.0	ng/ul	130573	6	24.91	1292720	20.0
(DEL) Alkane: Str...	26.06	2.3	ng/ul	148175	6	24.91	1292720	20.0