

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043125.D
 Acq On : 10 Oct 2019 5:53
 Operator : JU
 Sample : K5175-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEPG4

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	3.165	7	13	21	rBV	200890	454276	23.57%	2.317%
2	3.242	21	26	39	rVV	416841	686781	35.63%	3.504%
3	3.500	66	70	79	rVB4	11956	18921	0.98%	0.097%
4	3.953	145	147	152	rVB2	2124	2919	0.15%	0.015%
5	4.152	175	181	186	rVB4	5705	10676	0.55%	0.054%
6	5.163	345	353	358	rBV3	13453	24288	1.26%	0.124%
7	7.225	697	704	715	rBV	151152	362021	18.78%	1.847%
8	7.378	723	730	741	rBV	133251	245763	12.75%	1.254%
9	7.595	759	767	781	rBV	190525	376966	19.56%	1.923%
10	7.748	789	793	798	rVB4	2045	4023	0.21%	0.021%
11	8.054	839	845	855	rBV	154695	291936	15.15%	1.489%
12	8.118	855	856	861	rVV3	3524	4127	0.21%	0.021%
13	8.765	958	966	983	rBV	168967	385660	20.01%	1.967%
14	9.211	1035	1042	1061	rBV	186461	382092	19.83%	1.949%
15	9.640	1112	1115	1119	rBV2	4090	5080	0.26%	0.026%
16	9.940	1157	1166	1175	rBV	166006	334082	17.33%	1.704%
17	10.486	1251	1259	1275	rBV	208916	470620	24.42%	2.401%
18	10.856	1315	1322	1331	rBV	224132	424196	22.01%	2.164%
19	10.992	1337	1345	1364	rBV	170502	430058	22.31%	2.194%
20	12.454	1589	1594	1597	rVB3	3129	4811	0.25%	0.025%
21	14.076	1864	1870	1875	rBV	580219	871323	45.21%	4.445%
22	14.123	1875	1878	1889	rVV	165639	261983	13.59%	1.337%
23	14.211	1891	1893	1897	rVV2	3668	4036	0.21%	0.021%
24	14.370	1913	1920	1934	rBV2	582704	1002478	52.01%	5.114%
25	14.564	1951	1953	1959	rBV3	2604	3512	0.18%	0.018%
26	14.675	1965	1972	1985	rBV	393032	651824	33.82%	3.325%
27	14.893	2001	2009	2022	rBV3	55942	208039	10.79%	1.061%
28	15.093	2040	2043	2049	rVV5	7383	13755	0.71%	0.070%
29	15.257	2068	2071	2073	rVB3	2874	2931	0.15%	0.015%
30	15.516	2113	2115	2120	rVB3	3410	5496	0.29%	0.028%
31	15.668	2134	2141	2154	rBV	788749	1279363	66.38%	6.527%
32	15.780	2154	2160	2176	rVV	200217	367039	19.04%	1.872%
33	15.915	2178	2183	2188	rVV4	12429	24871	1.29%	0.127%
34	15.968	2190	2192	2195	rVV2	2829	3378	0.18%	0.017%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043125.D
 Acq On : 10 Oct 2019 5:53
 Operator : JU
 Sample : K5175-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEPG4

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	16.385	2259	2263	2265	rBV2	2830	3190	0.17%	0.016%
36	16.450	2268	2274	2279	rBV5	5383	9124	0.47%	0.047%
37	16.497	2279	2282	2288	rBV4	2200	3468	0.18%	0.018%
38	16.955	2356	2360	2363	rBV4	4705	5865	0.30%	0.030%
39	17.419	2431	2439	2449	rVV2	500548	847169	43.96%	4.322%
40	17.519	2449	2456	2468	rVV	824845	1444247	74.94%	7.368%
41	17.601	2468	2470	2475	rVV5	10594	20063	1.04%	0.102%
42	18.089	2549	2553	2554	rVV4	2860	3069	0.16%	0.016%
43	18.183	2565	2569	2573	rBV5	3589	4942	0.26%	0.025%
44	18.312	2585	2591	2596	rBV4	49731	99624	5.17%	0.508%
45	18.442	2612	2613	2616	rVB3	4556	3026	0.16%	0.015%
46	18.653	2646	2649	2650	rBV2	4990	5093	0.26%	0.026%
47	18.729	2661	2662	2668	rVB5	4807	5182	0.27%	0.026%
48	18.776	2668	2670	2673	rBV3	2546	3255	0.17%	0.017%
49	18.806	2673	2675	2677	rVB2	4107	3487	0.18%	0.018%
50	18.906	2689	2692	2695	rBV4	2842	4546	0.24%	0.023%
51	19.282	2753	2756	2758	rBV3	2441	3533	0.18%	0.018%
52	19.440	2777	2783	2786	rVV4	12570	24865	1.29%	0.127%
53	19.470	2786	2788	2792	rVB2	12681	16406	0.85%	0.084%
54	19.640	2814	2817	2818	rBV3	2725	3021	0.16%	0.015%
55	19.693	2821	2826	2829	rBV	10319	17776	0.92%	0.091%
56	19.734	2831	2833	2836	rVV4	5608	4463	0.23%	0.023%
57	19.805	2838	2845	2861	rBV	1199757	1919246	99.58%	9.791%
58	20.298	2927	2929	2932	rBV3	5057	5671	0.29%	0.029%
59	20.333	2932	2935	2939	rVV5	11150	15698	0.81%	0.080%
60	20.457	2954	2956	2957	rBV2	5099	4502	0.23%	0.023%
61	20.516	2964	2966	2971	rVB6	4379	4655	0.24%	0.024%
62	20.633	2982	2986	2987	rBV4	5033	5484	0.28%	0.028%
63	20.657	2988	2990	2991	rBV2	6370	3854	0.20%	0.020%
64	20.827	3016	3019	3022	rVB4	14144	15226	0.79%	0.078%
65	21.091	3062	3064	3065	rBV2	4598	4273	0.22%	0.022%
66	21.268	3092	3094	3095	rBV2	6634	5221	0.27%	0.027%
67	21.332	3100	3105	3113	rVV3	131131	268212	13.92%	1.368%
68	21.415	3115	3119	3123	rVB	39362	60975	3.16%	0.311%
69	21.691	3159	3166	3183	rVB2	571862	1111237	57.66%	5.669%
70	21.879	3195	3198	3202	rBV2	26236	34572	1.79%	0.176%
71	22.108	3234	3237	3238	rBV3	8570	9094	0.47%	0.046%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043125.D
 Acq On : 10 Oct 2019 5:53
 Operator : JU
 Sample : K5175-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEPG4

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	22.490	3297	3302	3308	rBV4	40782	80315	4.17%	0.410%
73	22.537	3308	3310	3311	rVB2	7323	3492	0.18%	0.018%
74	22.701	3336	3338	3342	rVB5	8746	7291	0.38%	0.037%
75	22.789	3351	3353	3356	rBV4	5731	5780	0.30%	0.029%
76	22.913	3372	3374	3376	rBV3	6465	4693	0.24%	0.024%
77	23.183	3414	3420	3426	rVB2	49942	102822	5.34%	0.525%
78	23.330	3442	3445	3447	rBV4	8033	12311	0.64%	0.063%
79	23.377	3447	3453	3460	rVB	47911	102868	5.34%	0.525%
80	23.988	3551	3557	3565	rVB	60364	137341	7.13%	0.701%
81	24.487	3640	3642	3643	rVB2	5832	3296	0.17%	0.017%
82	24.687	3665	3676	3690	rBV	696979	1927297	100.00%	9.832%
83	24.910	3704	3714	3728	rBV	402099	1228019	63.72%	6.265%
84	25.539	3819	3821	3823	rBV3	4940	3359	0.17%	0.017%
85	25.721	3850	3852	3853	rBV2	6506	6151	0.32%	0.031%
86	26.068	3903	3911	3920	rVB5	49226	149748	7.77%	0.764%
87	26.585	3997	3999	4000	rBV2	6486	4711	0.24%	0.024%
88	27.419	4134	4141	4152	rVB5	36829	113062	5.87%	0.577%
89	27.954	4230	4232	4234	rVB2	6056	3609	0.19%	0.018%
90	28.295	4288	4290	4291	rBV2	6654	3739	0.19%	0.019%
91	28.312	4291	4293	4295	rBV3	4821	3320	0.17%	0.017%
92	28.330	4295	4296	4300	rBV4	5462	6220	0.32%	0.032%
93	28.600	4340	4342	4343	rBV2	5285	3071	0.16%	0.016%
94	28.882	4388	4390	4393	rBV4	5802	6529	0.34%	0.033%
95	28.982	4405	4407	4409	rBV3	5621	4936	0.26%	0.025%
96	29.047	4413	4418	4419	rBV5	12232	19735	1.02%	0.101%
97	29.587	4508	4510	4511	rBV2	5955	3381	0.18%	0.017%
98	30.316	4632	4634	4640	rBV7	6473	9730	0.50%	0.050%
99	30.992	4744	4749	4750	rBV5	11249	16188	0.84%	0.083%
100	32.190	4951	4953	4956	rBV4	5486	6475	0.34%	0.033%

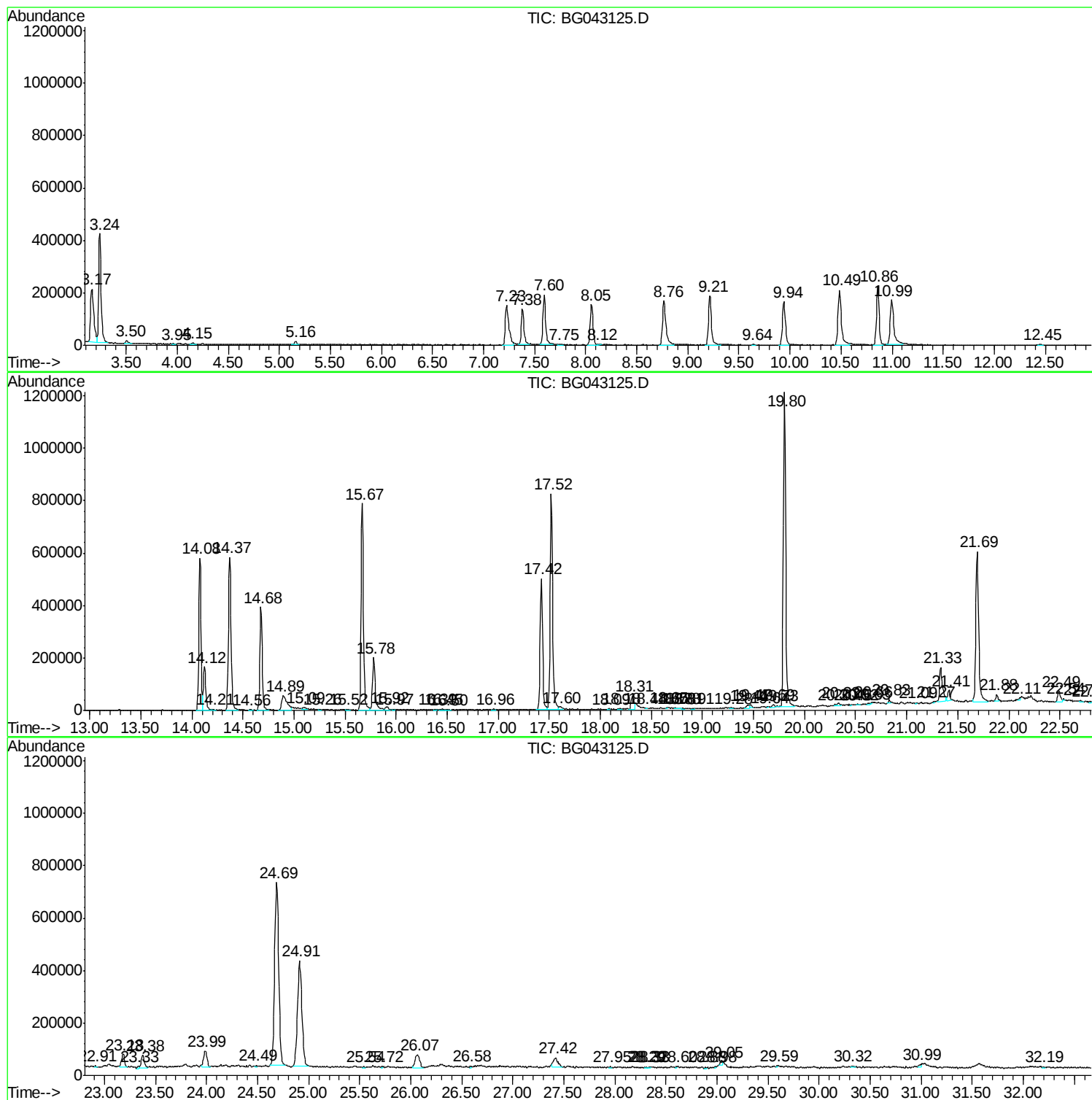
Sum of corrected areas: 19602147

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043125.D
Acq On : 10 Oct 2019 5:53
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG4

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 : BG043125.D
Acq On : 10 Oct 2019 5:53
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG4

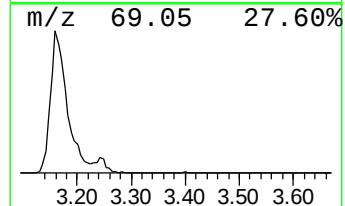
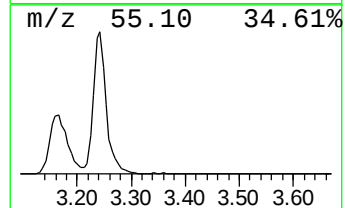
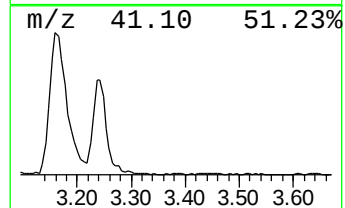
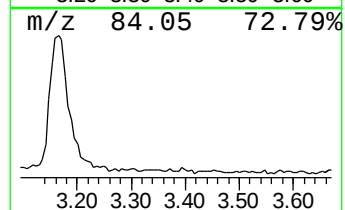
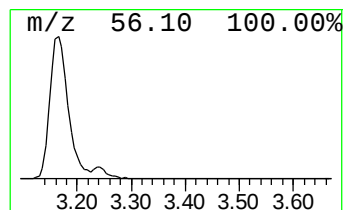
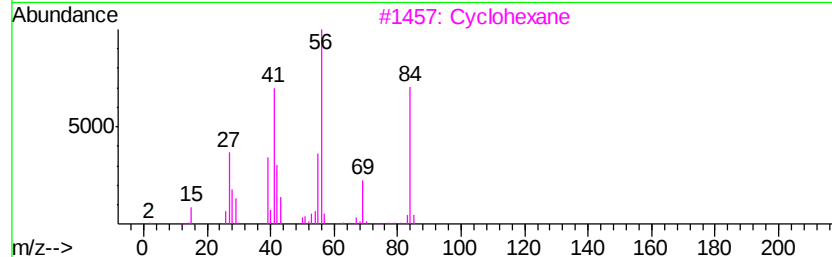
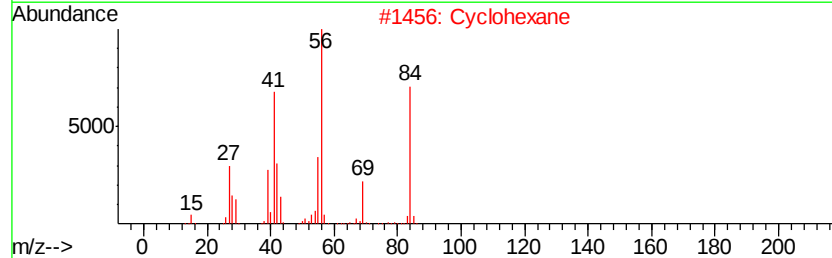
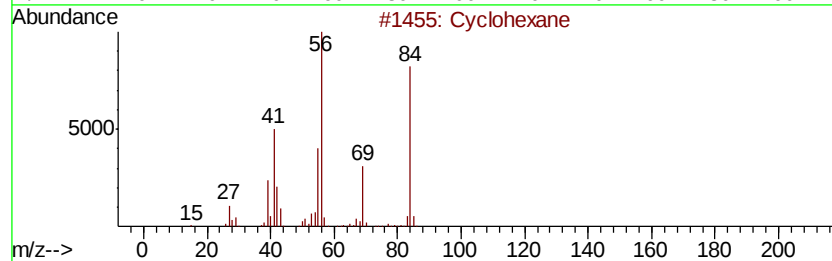
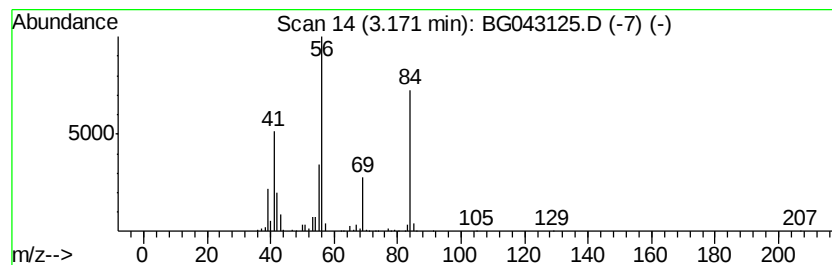
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	31.12 ng/ul	454276	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	95
2		Cyclohexane	84	C6H12	000110-82-7	91
3		Cyclohexane	84	C6H12	000110-82-7	91
4		Cyclohexane	84	C6H12	000110-82-7	90
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043125.D
Acq On : 10 Oct 2019 5:53
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG4

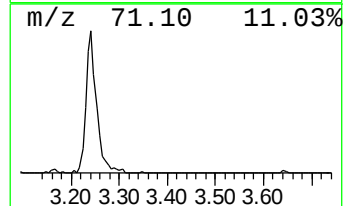
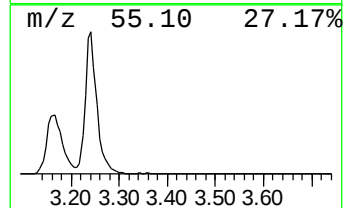
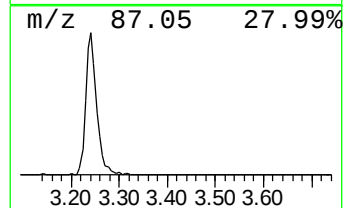
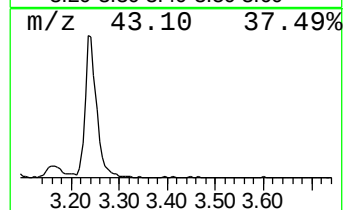
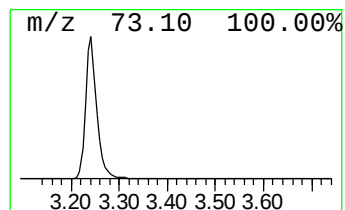
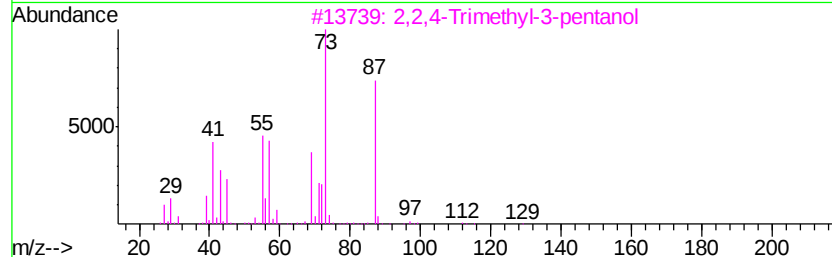
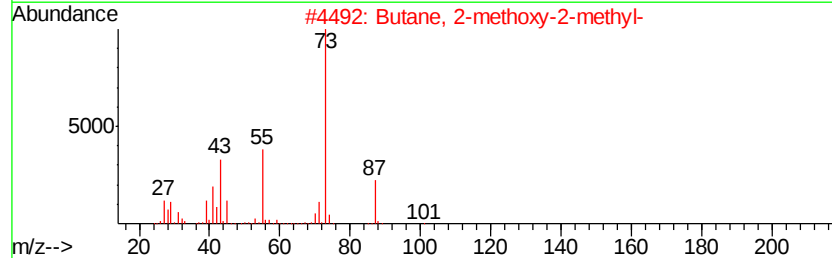
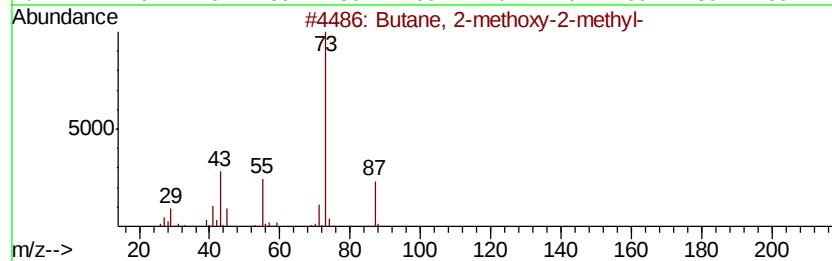
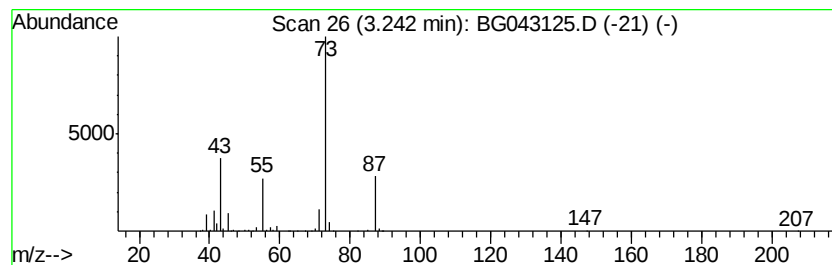
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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.
3.24	47.05 ng/ul	686781	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	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043125.D
Acq On : 10 Oct 2019 5:53
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG4

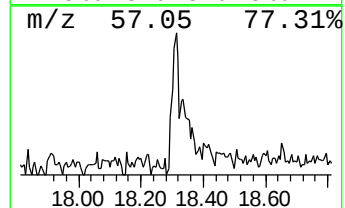
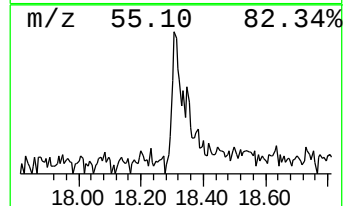
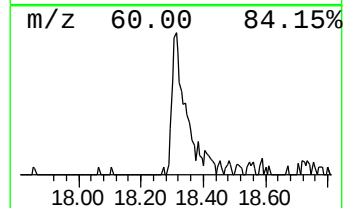
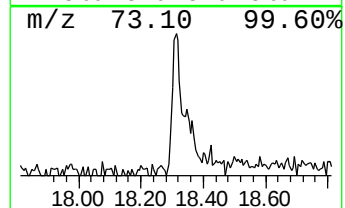
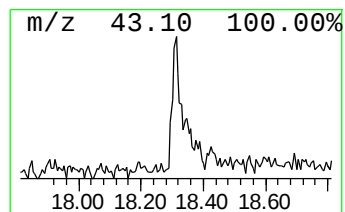
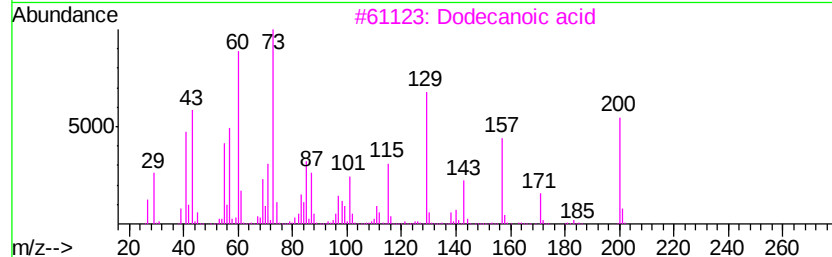
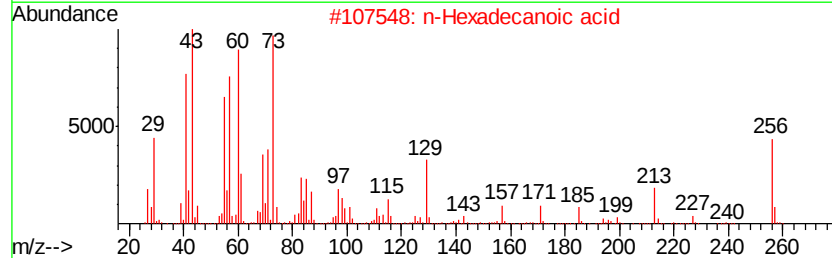
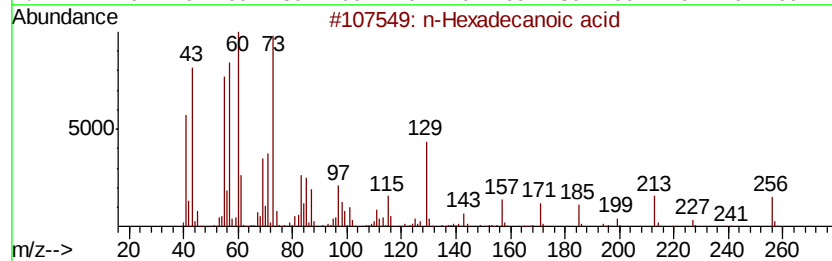
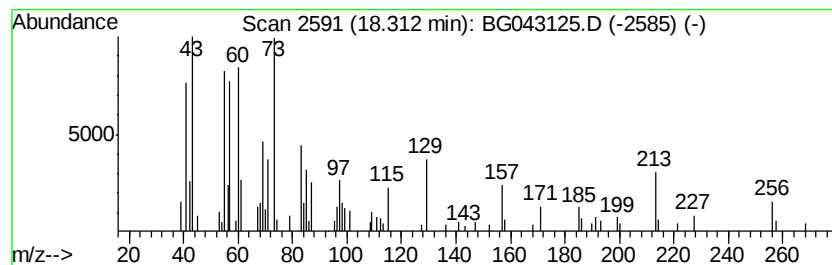
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.35 ng/ul	99624	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Dodecanoic acid	200	C12H24O2	000143-07-7	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043125.D
Acq On : 10 Oct 2019 5:53
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG4

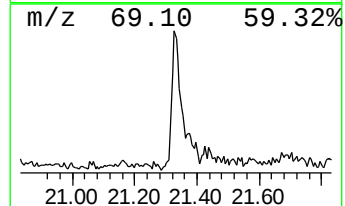
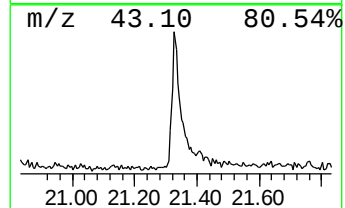
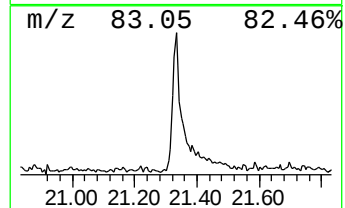
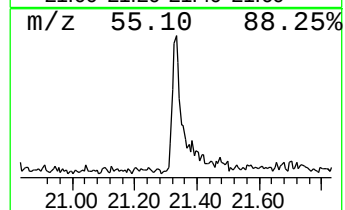
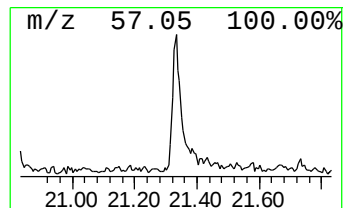
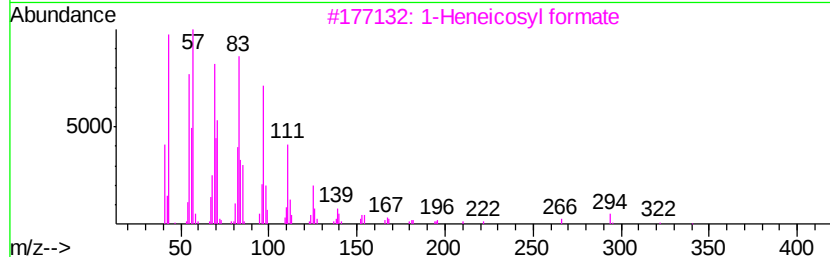
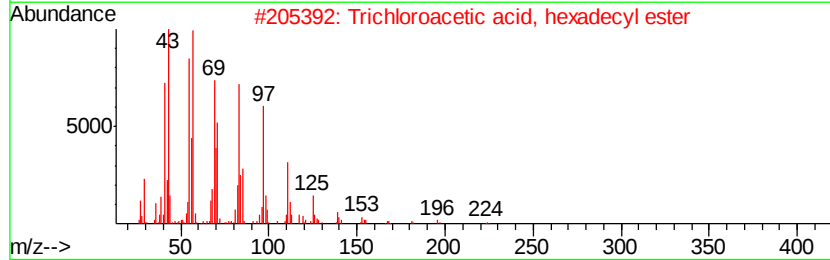
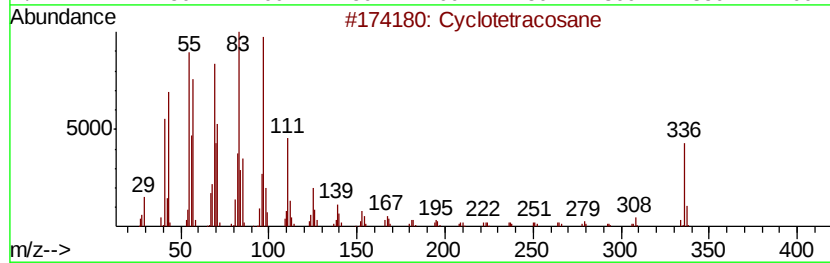
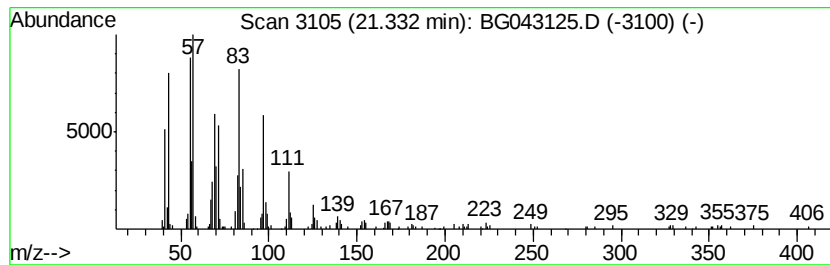
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.83 ng/ul	268212	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043125.D
Acq On : 10 Oct 2019 5:53
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG4

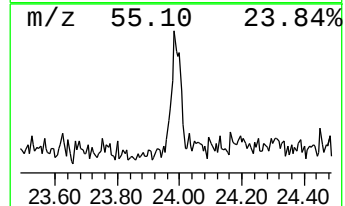
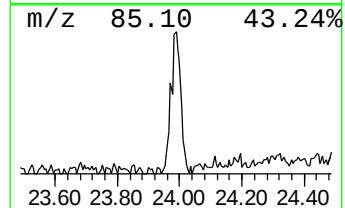
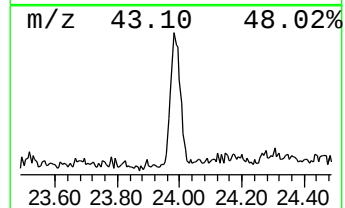
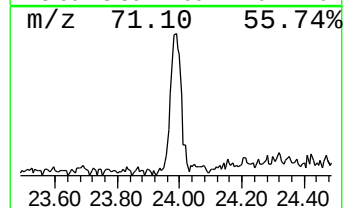
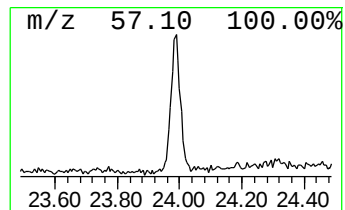
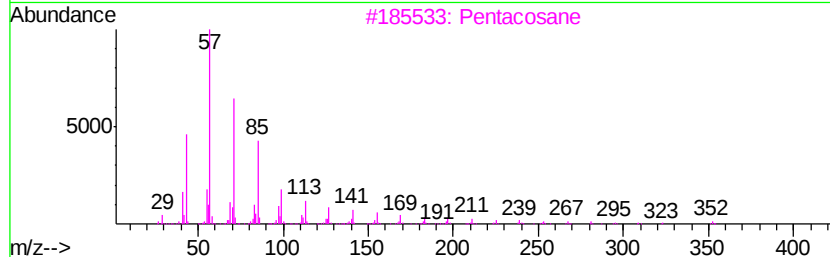
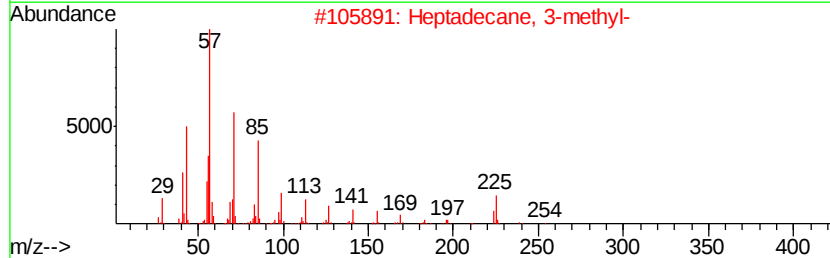
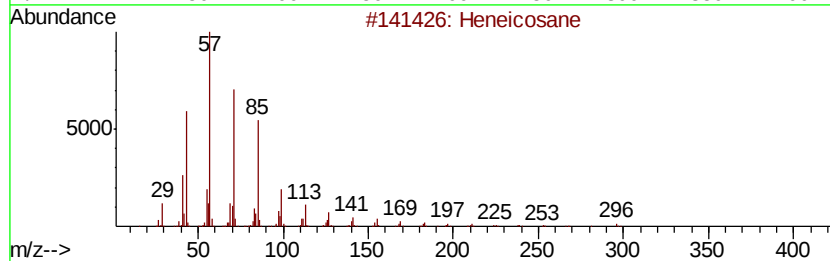
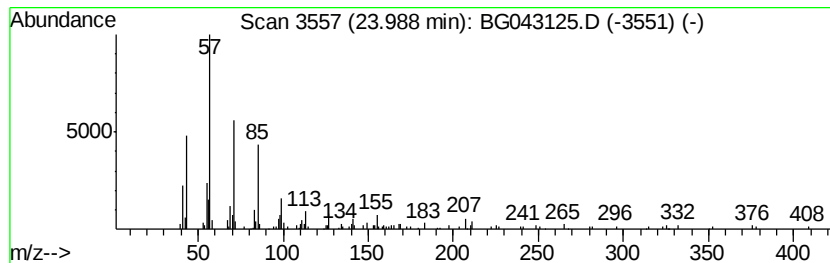
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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	2.24 ng/ul	137341	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
3		Pentacosane	352	C25H52	000629-99-2	92
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043125.D
Acq On : 10 Oct 2019 5:53
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG4

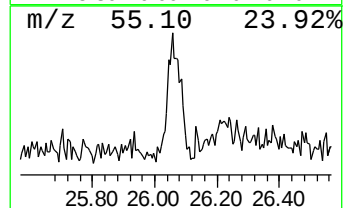
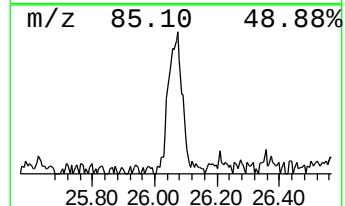
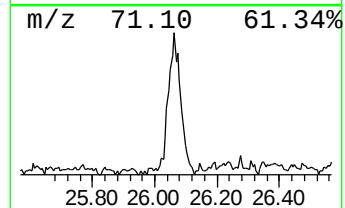
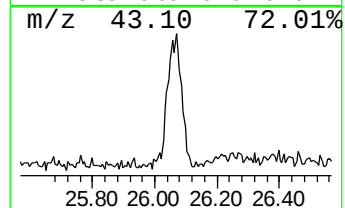
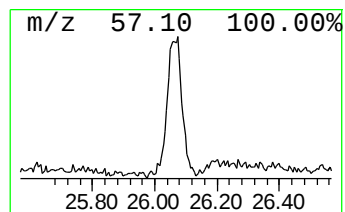
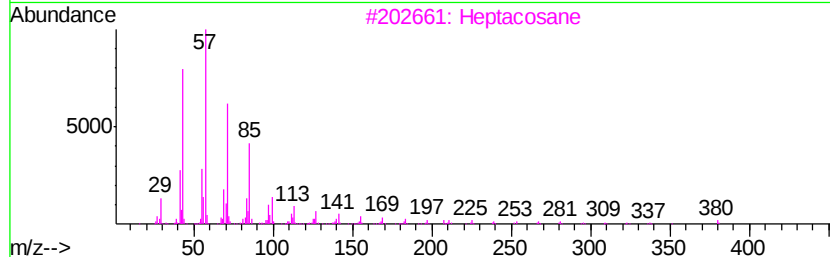
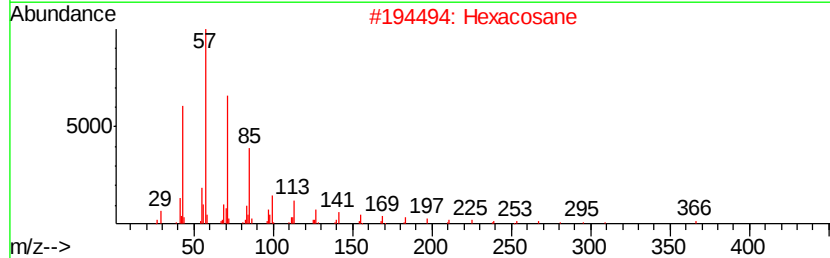
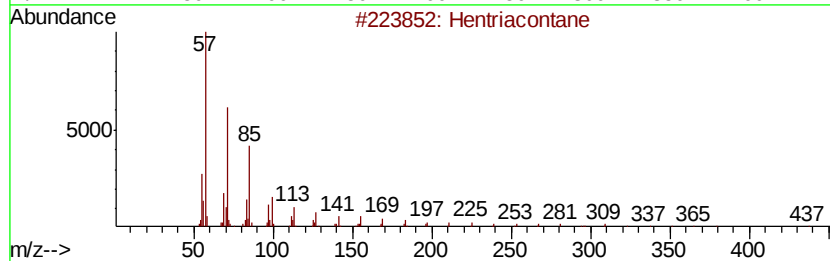
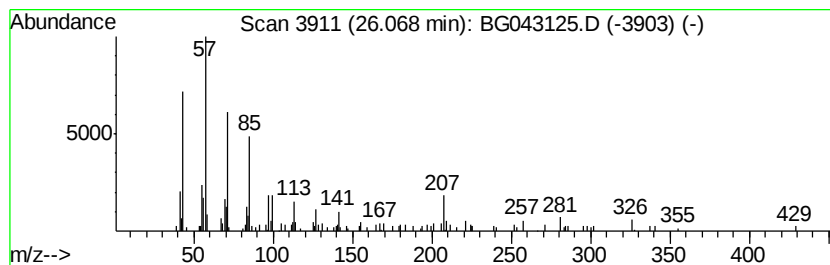
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	2.44 ng/ul	149748	Perylene-d12	24.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	68
2			Hexacosane	366	C26H54	000630-01-3	68
3			Heptacosane	380	C27H56	000593-49-7	68
4			Hexacosane	366	C26H54	000630-01-3	68
5			Octacosane	394	C28H58	000630-02-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043125.D
Acq On : 10 Oct 2019 5:53
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG4

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...	3.17	31.1	ng/ul	454276	1	8.06	291936	20.0
Butane, 2-methoxy...	3.24	47.0	ng/ul	686781	1	8.06	291936	20.0
n-Hexadecanoic acid	18.31	2.4	ng/ul	99624	4	17.42	847169	20.0
(DEL) Alkane: Cyc...	21.33	4.8	ng/ul	268212	5	21.69	1111240	20.0
(DEL) Alkane: Str...	23.99	2.2	ng/ul	137341	6	24.91	1228020	20.0
(DEL) Alkane: Str...	26.07	2.4	ng/ul	149748	6	24.91	1228020	20.0