

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042237.D
 Acq On : 15 Aug 2019 20:12
 Operator : HP/JU
 Sample : K4183-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH6

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-BG080319MA.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	3.141	5	9	29	rVB	1352627	2235734	74.04%	11.872%
2	3.412	53	55	61	rVB4	5678	6613	0.22%	0.035%
3	4.076	162	168	177	rVB	9698	17526	0.58%	0.093%
4	4.170	182	184	189	rVB3	3248	3649	0.12%	0.019%
5	4.264	196	200	205	rVB4	2561	4342	0.14%	0.023%
6	5.092	337	341	349	rVB2	5168	8543	0.28%	0.045%
7	6.702	608	615	622	rBV	73029	123858	4.10%	0.658%
8	6.866	639	643	648	rVB	3706	5549	0.18%	0.029%
9	7.013	663	668	676	rVB5	5016	8720	0.29%	0.046%
10	7.184	690	697	709	rBV	88204	182724	6.05%	0.970%
11	7.342	718	724	735	rBV	69642	124294	4.12%	0.660%
12	7.460	739	744	753	rVB6	4825	10814	0.36%	0.057%
13	7.554	753	760	768	rBV	106769	195301	6.47%	1.037%
14	8.024	833	840	851	rBV	202670	353639	11.71%	1.878%
15	8.253	876	879	885	rVB4	1978	3119	0.10%	0.017%
16	8.741	955	962	969	rBV	115544	220542	7.30%	1.171%
17	8.788	969	970	978	rVB4	7275	12066	0.40%	0.064%
18	9.193	1031	1039	1049	rBV	91507	176284	5.84%	0.936%
19	9.628	1109	1113	1120	rBV3	2812	4229	0.14%	0.022%
20	9.922	1156	1163	1176	rVB	77455	148117	4.90%	0.786%
21	10.474	1249	1257	1275	rBV	128077	271736	9.00%	1.443%
22	10.850	1313	1321	1329	rBV	283033	515905	17.08%	2.739%
23	10.979	1336	1343	1360	rBV2	97252	214078	7.09%	1.137%
24	12.448	1587	1593	1599	rBV5	2437	4869	0.16%	0.026%
25	12.701	1632	1636	1638	rBV4	2403	3891	0.13%	0.021%
26	13.065	1691	1698	1704	rVB4	3066	6117	0.20%	0.032%
27	13.294	1731	1737	1740	rVB3	1791	3100	0.10%	0.016%
28	13.435	1755	1761	1763	rBV2	2189	3355	0.11%	0.018%
29	13.570	1776	1784	1790	rVB2	33032	48281	1.60%	0.256%
30	14.017	1854	1860	1866	rVV	507205	763816	25.29%	4.056%
31	14.082	1866	1871	1876	rVV	298570	469710	15.55%	2.494%
32	14.129	1876	1879	1886	rVB	109038	159535	5.28%	0.847%
33	14.381	1915	1922	1930	rBV	334258	560020	18.54%	2.974%
34	14.534	1942	1948	1953	rBV5	7856	11119	0.37%	0.059%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Title : SVOA CALIBRATION

35	14.646	1960	1967	1970	rBV	262271	395668	13.10%	2.101%
36	14.687	1970	1974	1982	rVB	454206	718692	23.80%	3.816%
37	14.757	1982	1986	1989	rBV3	11507	16518	0.55%	0.088%
38	14.892	2002	2009	2014	rBV2	45896	99772	3.30%	0.530%
39	14.945	2014	2018	2026	rVV4	31918	69565	2.30%	0.369%
40	15.022	2026	2031	2037	rVV6	8561	18113	0.60%	0.096%
41	15.110	2039	2046	2053	rVB7	4022	8259	0.27%	0.044%
42	15.480	2105	2109	2112	rBV2	2534	3170	0.10%	0.017%
43	15.574	2121	2125	2131	rVB6	3375	4259	0.14%	0.023%
44	15.680	2136	2143	2156	rVV	460321	716722	23.73%	3.806%
45	15.803	2159	2164	2174	rVB2	40493	67004	2.22%	0.356%
46	15.921	2180	2184	2189	rVB2	5257	7569	0.25%	0.040%
47	16.020	2196	2201	2206	rBV4	9403	17279	0.57%	0.092%
48	16.067	2206	2209	2212	rVV4	5824	8428	0.28%	0.045%
49	16.097	2212	2214	2218	rVV4	4070	4810	0.16%	0.026%
50	16.161	2218	2225	2234	rVB2	25726	42504	1.41%	0.226%
51	16.261	2237	2242	2244	rBV2	2481	3703	0.12%	0.020%
52	16.543	2281	2290	2295	rBV6	5870	15629	0.52%	0.083%
53	17.084	2378	2382	2386	rBV2	2457	3174	0.11%	0.017%
54	17.436	2436	2442	2451	rBV2	545966	868293	28.75%	4.611%
55	17.536	2453	2459	2467	rVV2	504366	775023	25.66%	4.115%
56	17.718	2485	2490	2493	rBV5	3721	6695	0.22%	0.036%
57	18.335	2589	2595	2600	rBV6	7663	14910	0.49%	0.079%
58	18.400	2603	2606	2610	rVB	4220	5552	0.18%	0.029%
59	18.617	2641	2643	2645	rBV3	4941	5152	0.17%	0.027%
60	19.252	2748	2751	2754	rBV4	4048	4541	0.15%	0.024%
61	19.463	2780	2787	2791	rBV2	11266	20185	0.67%	0.107%
62	19.610	2809	2812	2813	rBV2	3103	3411	0.11%	0.018%
63	19.716	2827	2830	2833	rBV2	4911	7678	0.25%	0.041%
64	19.828	2843	2849	2856	rBV	669122	954201	31.60%	5.067%
65	20.004	2876	2879	2880	rBV2	3865	3323	0.11%	0.018%
66	20.233	2916	2918	2925	rVB	19725	19685	0.65%	0.105%
67	20.357	2934	2939	2941	rBV3	30222	43259	1.43%	0.230%
68	20.639	2983	2987	2990	rBV	20776	27262	0.90%	0.145%
69	21.003	3046	3049	3054	rBV	31328	44543	1.48%	0.237%
70	21.179	3073	3079	3085	rVB	2205038	3019809	100.00%	16.035%
71	21.373	3108	3112	3124	rVB6	32744	85426	2.83%	0.454%

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72	21.720	3165	3171	3183	rBV2	573008	997259	33.02%	5.295%
73	21.919	3203	3205	3211	rVB2	29829	36416	1.21%	0.193%
74	22.536	3306	3310	3315	rBV	45977	81923	2.71%	0.435%
75	23.247	3426	3431	3440	rVB2	63605	126731	4.20%	0.673%
76	24.070	3566	3571	3578	rVB	84668	174439	5.78%	0.926%
77	24.763	3680	3689	3699	rVB	354447	976994	32.35%	5.188%
78	24.992	3719	3728	3749	rVB	364215	1235017	40.90%	6.558%
79	26.209	3927	3935	3945	rVB3	65168	192863	6.39%	1.024%

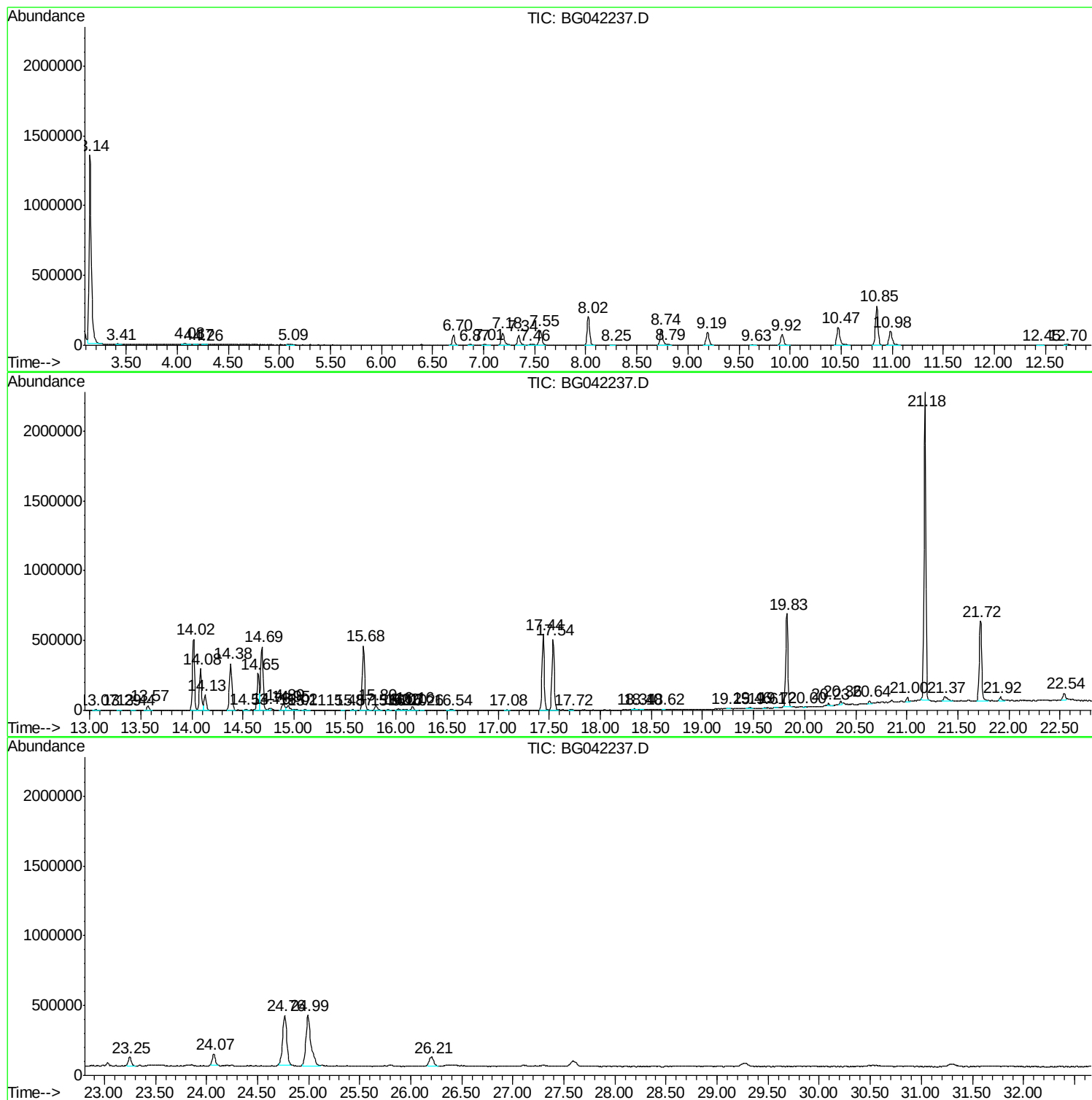
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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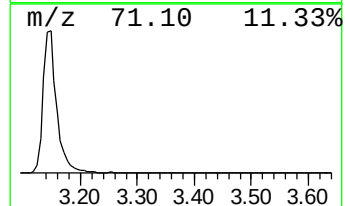
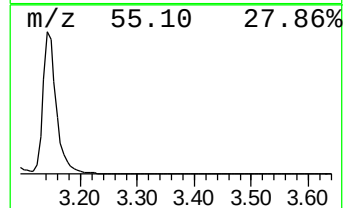
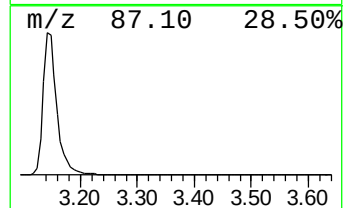
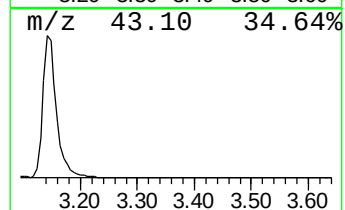
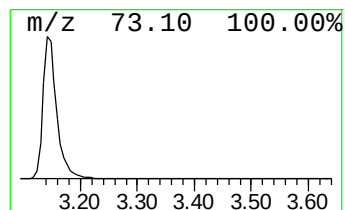
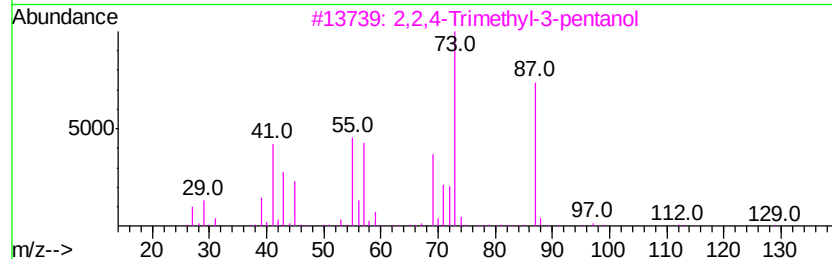
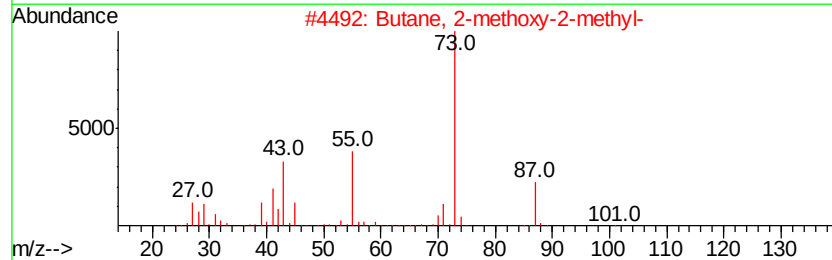
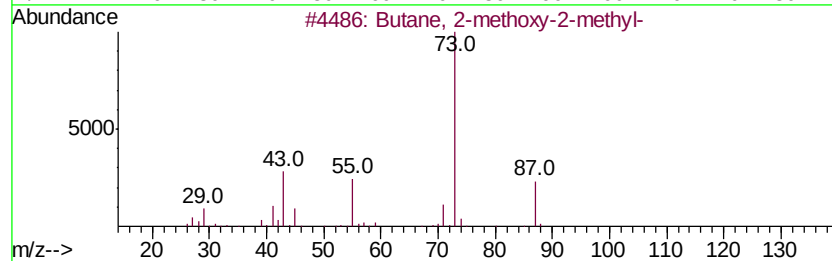
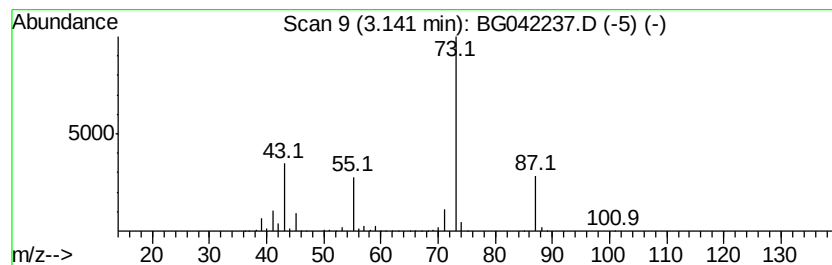
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	126.44 ng/ul	2235730	1,4-Dichlorobenzene-d4	8.02

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	45
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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ClientSampled :
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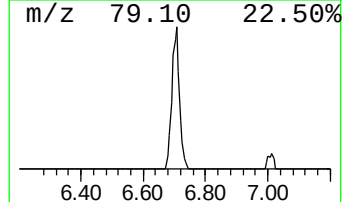
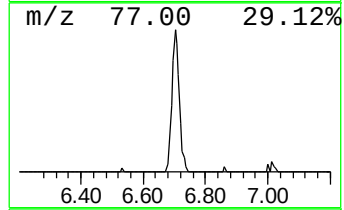
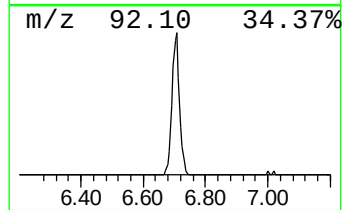
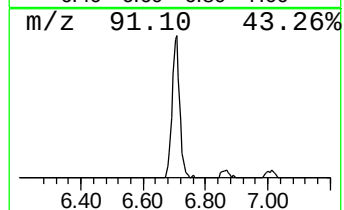
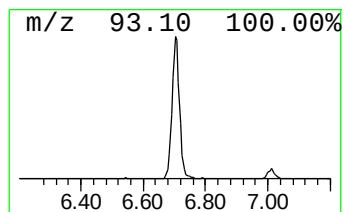
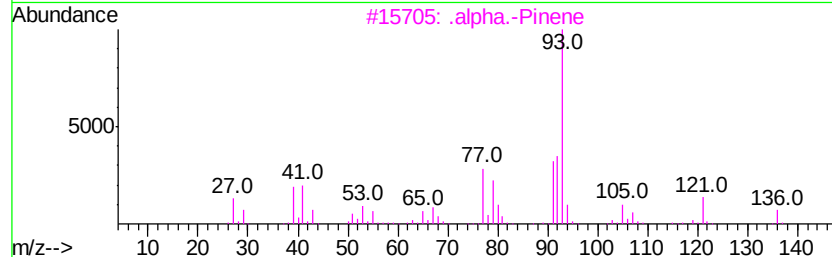
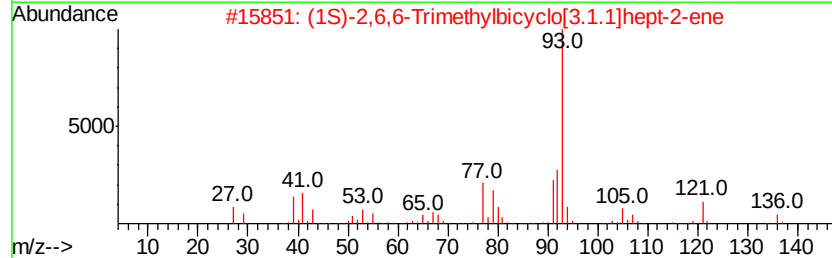
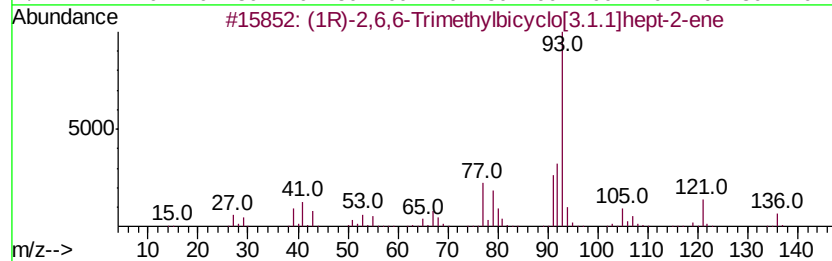
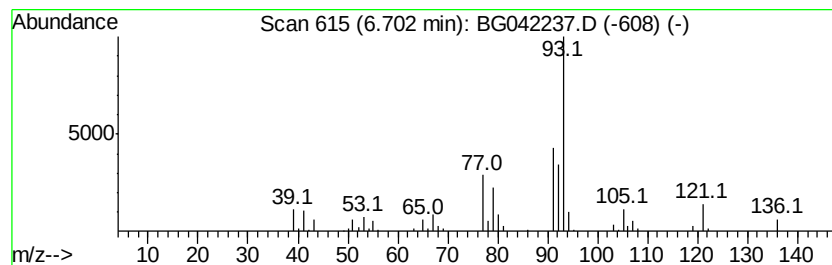
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	7.00 ng/ul	123858	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
2		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	97
3		.alpha.-Pinene	136	C10H16	000080-56-8	96
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	94



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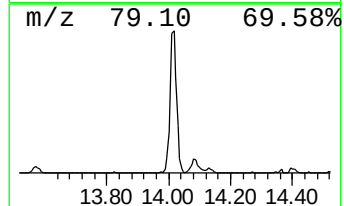
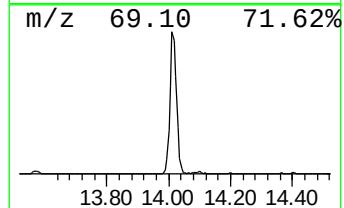
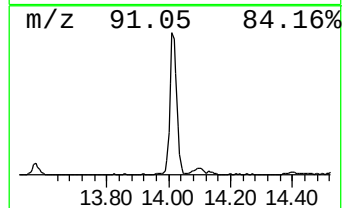
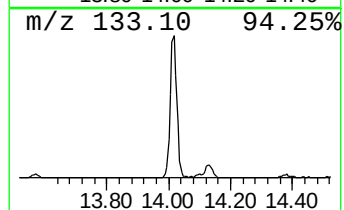
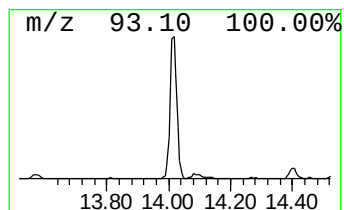
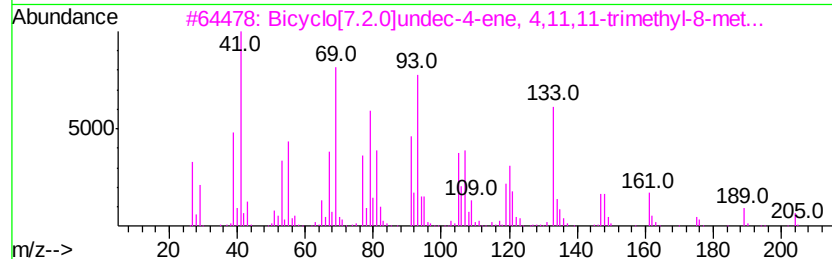
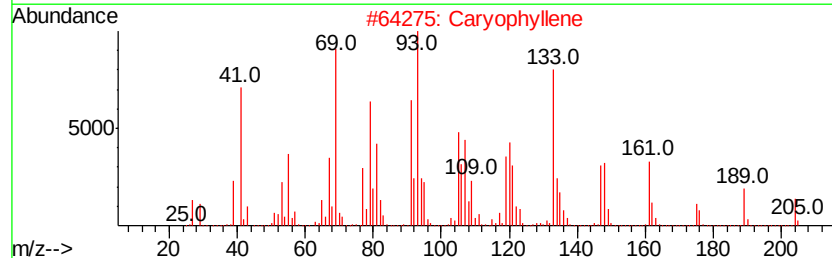
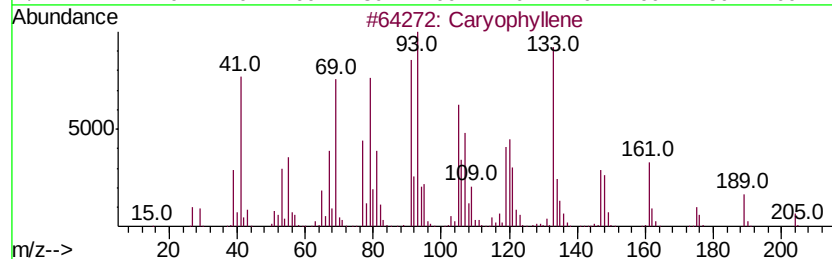
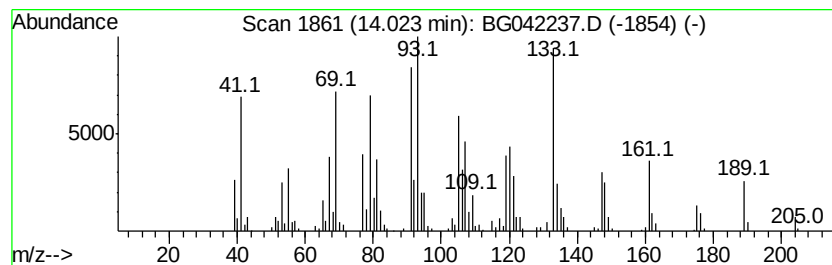
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Caryophyllene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	21.26 ng/ul	763816	Acenaphthene-d10	14.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 99
2		Caryophyllene	204 C15H24	000087-44-5 99
3		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 98
4		Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9 93
5		Caryophyllene	204 C15H24	000087-44-5 91



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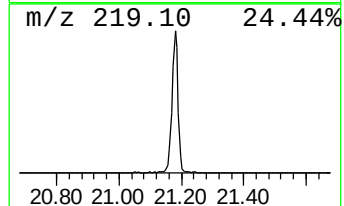
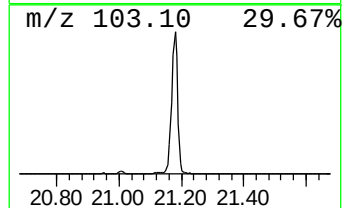
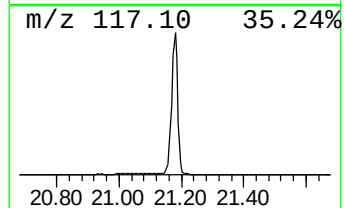
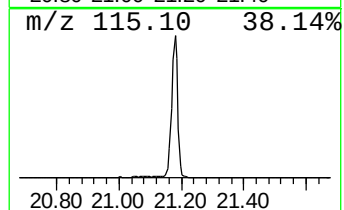
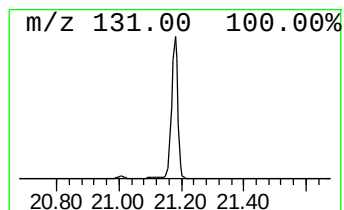
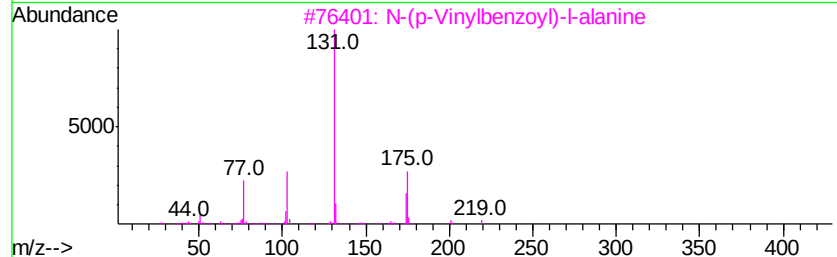
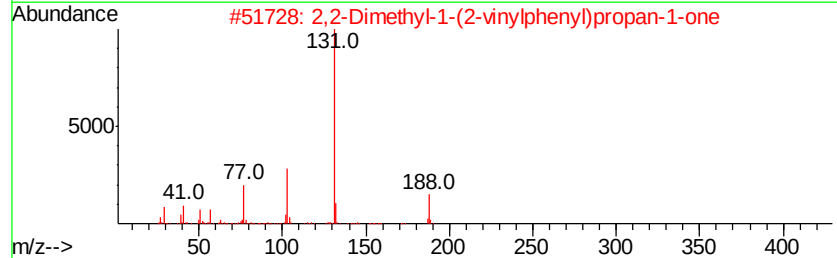
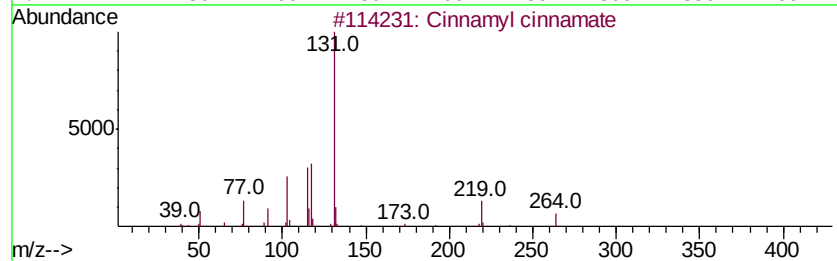
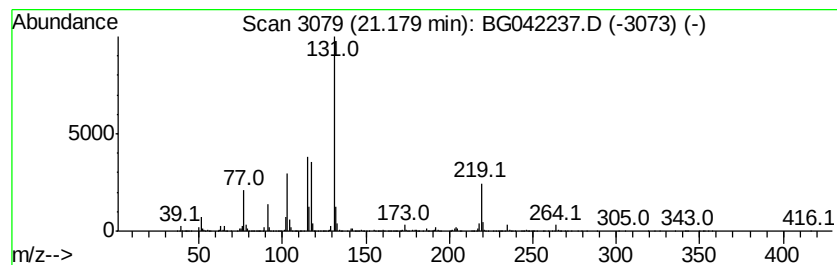
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	60.56 ng/ul	3019810	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	78
2		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	46
3		N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	43
4		trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43
5		2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042237.D
Acq On : 15 Aug 2019 20:12
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH6

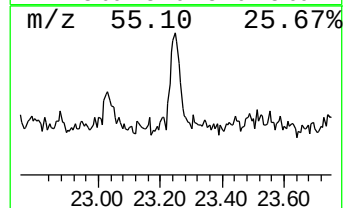
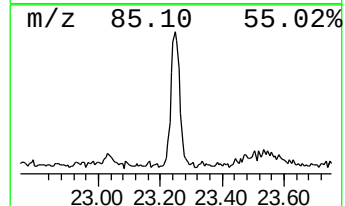
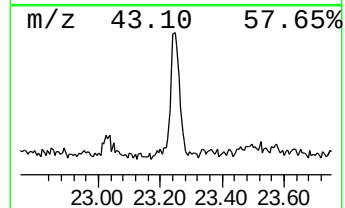
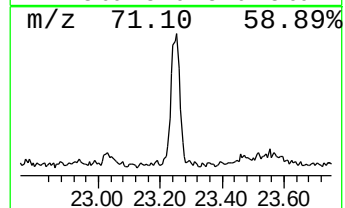
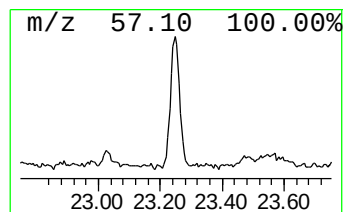
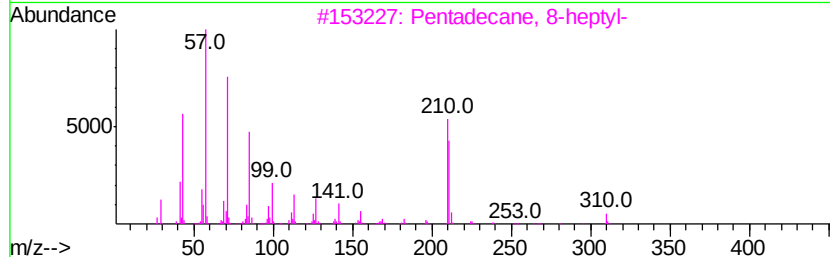
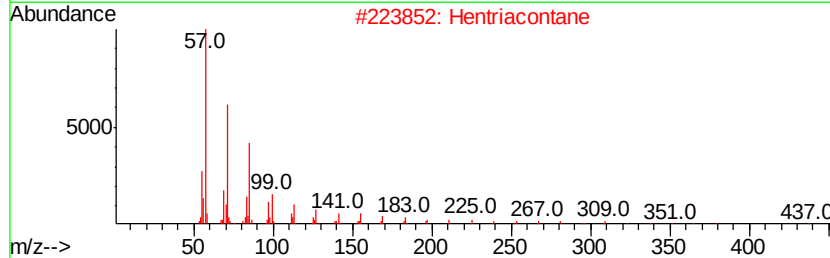
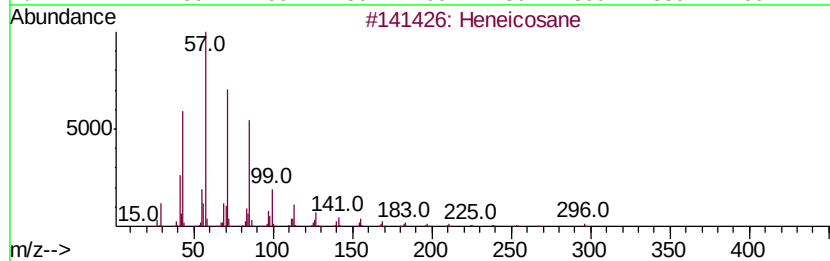
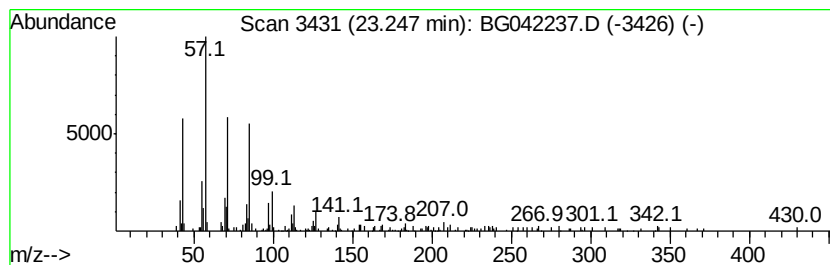
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.54 ng/ul	126731	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	92
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Docosane, 7-hexyl-	394	C28H58	055373-86-9	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042237.D
Acq On : 15 Aug 2019 20:12
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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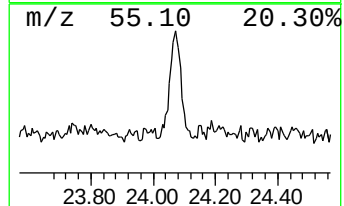
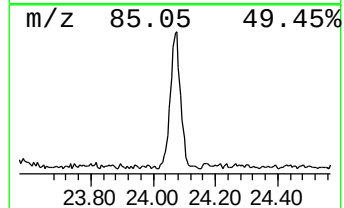
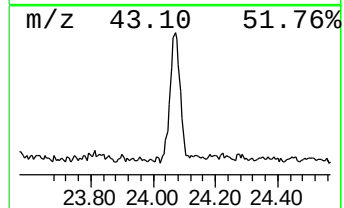
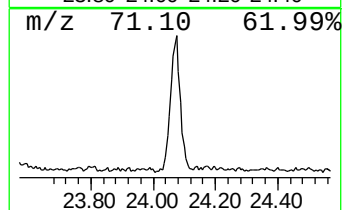
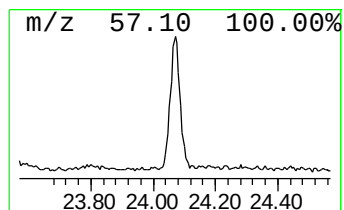
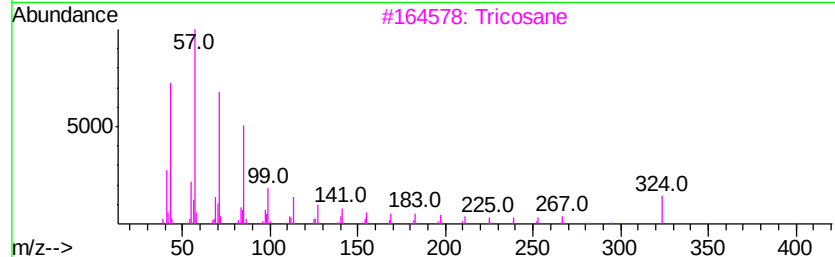
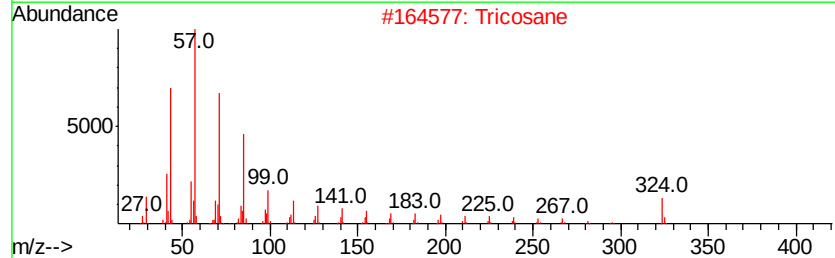
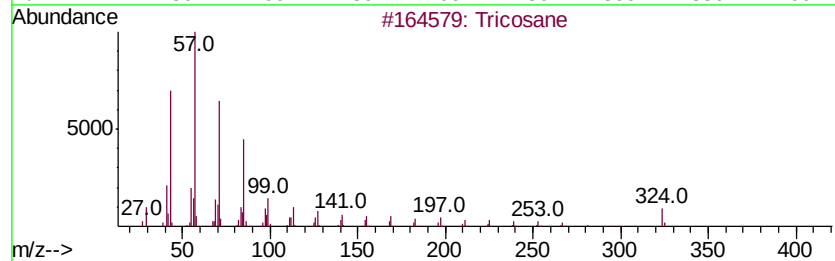
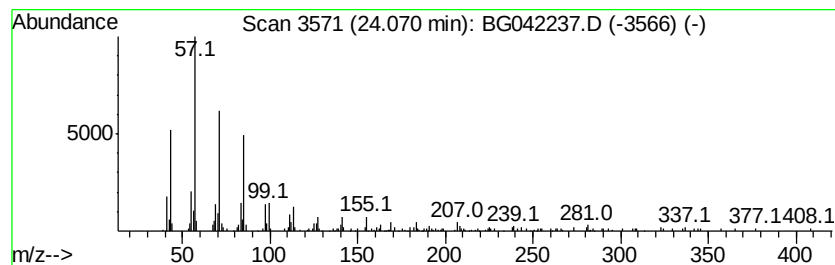
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.82 ng/ul	174439	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Tricosane	324	C23H48	000638-67-5	91
3		Tricosane	324	C23H48	000638-67-5	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042237.D
Acq On : 15 Aug 2019 20:12
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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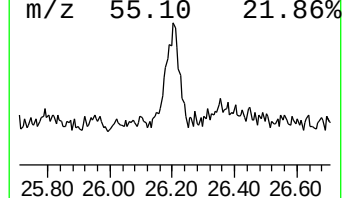
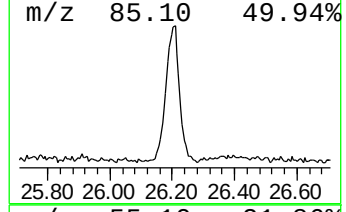
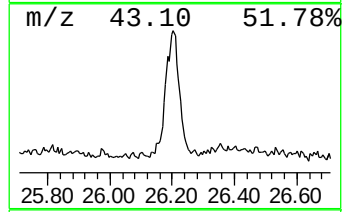
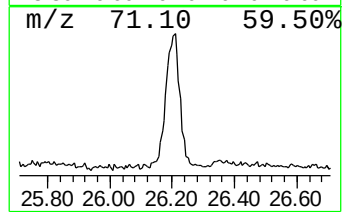
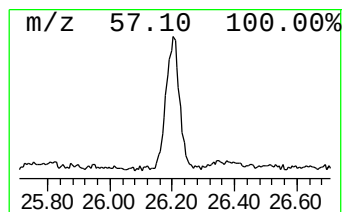
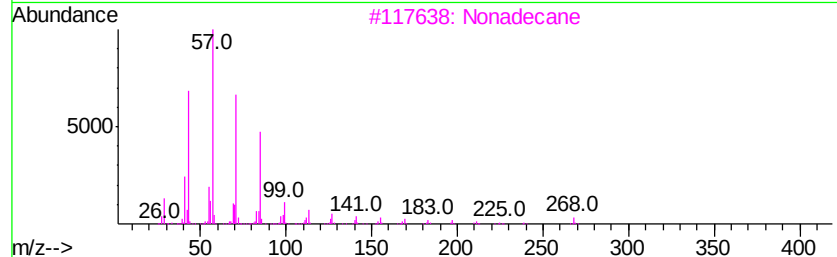
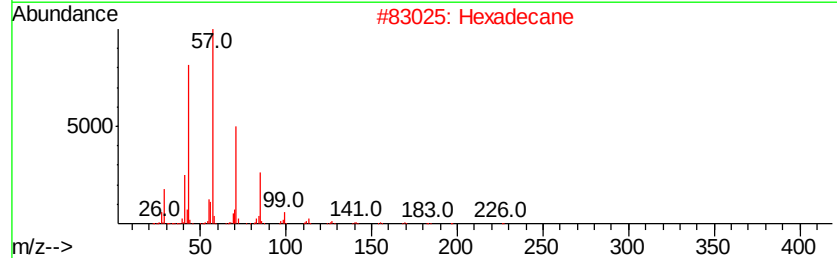
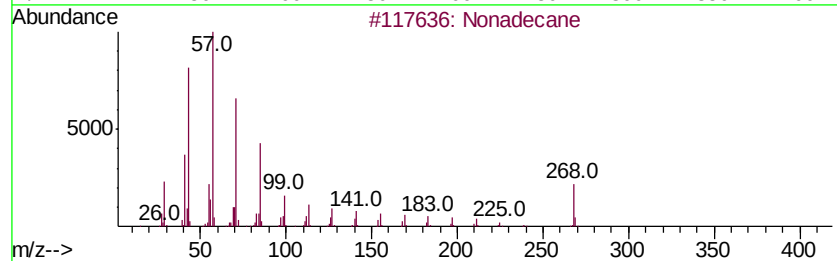
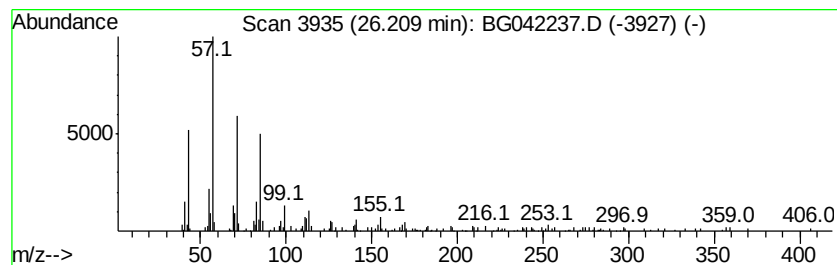
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	3.12 ng/ul	192863	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Hexadecane	226	C16H34	000544-76-3	93
3		Nonadecane	268	C19H40	000629-92-5	90
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081519\
Data File : BG042237.D
Acq On : 15 Aug 2019 20:12
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.14	126.4	ng/ul	2235730	1	8.02	353639	20.0
(1R)-2,6,6-Trimet...	6.70	7.0	ng/ul	123858	1	8.02	353639	20.0
Caryophyllene	14.02	21.3	ng/ul	763816	3	14.69	718692	20.0
Cinnamyl cinnamate	21.18	60.6	ng/ul	3019810	5	21.72	997259	20.0
(DEL) Alkane: Str...	23.25	2.5	ng/ul	126731	5	21.72	997259	20.0
(DEL) Alkane: Str...	24.07	2.8	ng/ul	174439	6	24.99	1235020	20.0
(DEL) Alkane: Str...	26.21	3.1	ng/ul	192863	6	24.99	1235020	20.0