

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019188.D
 Acq On : 13 Oct 2015 20:54
 Operator : UM/NP
 Sample : G3996-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LG2

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-BG100415.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	2.922	11	14	22	rVB3	6796	9422	2.18%	0.172%
2	3.145	47	52	59	rBV	54120	89938	20.81%	1.641%
3	3.216	59	64	80	rVB	320084	432136	100.00%	7.886%
4	3.997	193	197	200	rVB5	2942	3462	0.80%	0.063%
5	4.221	232	235	242	rVB2	5277	7471	1.73%	0.136%
6	5.137	386	391	399	rVB3	7279	10658	2.47%	0.194%
7	7.194	734	741	753	rBV	45368	75228	17.41%	1.373%
8	7.358	763	769	775	rVB	30424	49097	11.36%	0.896%
9	7.564	798	804	812	rVB2	40935	65662	15.19%	1.198%
10	8.034	878	884	891	rVB	65649	109642	25.37%	2.001%
11	8.733	996	1003	1011	rBV	55273	93748	21.69%	1.711%
12	9.127	1065	1070	1075	rBV	5054	7827	1.81%	0.143%
13	9.191	1075	1081	1087	rVB	44631	77380	17.91%	1.412%
14	9.914	1198	1204	1214	rVB	36840	63523	14.70%	1.159%
15	10.454	1290	1296	1305	rVB	55132	94001	21.75%	1.715%
16	10.736	1337	1344	1350	rBV3	4329	7235	1.67%	0.132%
17	10.836	1353	1361	1367	rVV	103946	181202	41.93%	3.307%
18	10.966	1378	1383	1390	rBV4	7823	13446	3.11%	0.245%
19	11.242	1427	1430	1437	rVB2	1889	2710	0.63%	0.049%
20	12.000	1555	1559	1563	rBV3	3387	4914	1.14%	0.090%
21	12.246	1598	1601	1606	rVB2	2509	3244	0.75%	0.059%
22	12.493	1638	1643	1647	rBV3	2084	3432	0.79%	0.063%
23	12.540	1647	1651	1656	rBV2	4058	6435	1.49%	0.117%
24	12.664	1663	1672	1676	rBV5	2840	6484	1.50%	0.118%
25	13.145	1752	1754	1759	rVB2	2138	2878	0.67%	0.053%
26	13.269	1770	1775	1783	rVB2	4284	5878	1.36%	0.107%
27	13.480	1807	1811	1815	rVB3	7099	9673	2.24%	0.177%
28	13.551	1815	1823	1825	rBV4	2741	4852	1.12%	0.089%
29	13.980	1891	1896	1901	rBV4	4252	6853	1.59%	0.125%
30	14.062	1901	1910	1914	rBV	115615	175292	40.56%	3.199%
31	14.109	1914	1918	1923	rVB	59498	83854	19.40%	1.530%
32	14.209	1930	1935	1940	rBV4	2372	4532	1.05%	0.083%
33	14.350	1951	1959	1967	rVB	114931	186294	43.11%	3.400%
34	14.473	1975	1980	1983	rBV3	4327	5825	1.35%	0.106%

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 Title : SVOA CALIBRATION

35	14.550	1989	1993	1999	rBV2	13746	19764	4.57%	0.361%
36	14.661	2003	2012	2020	rBV2	168788	287110	66.44%	5.239%
37	14.855	2039	2045	2055	rVB	43666	74964	17.35%	1.368%
38	15.055	2074	2079	2084	rBV5	3654	6950	1.61%	0.127%
39	15.131	2089	2092	2095	rBV3	3253	4687	1.08%	0.086%
40	15.272	2113	2116	2119	rBV3	2613	3315	0.77%	0.060%
41	15.378	2131	2134	2137	rBV2	1970	2732	0.63%	0.050%
42	15.431	2137	2143	2144	rBV4	7423	10983	2.54%	0.200%
43	15.501	2152	2155	2159	rVB	24906	28357	6.56%	0.517%
44	15.648	2174	2180	2186	rBV	166773	242344	56.08%	4.422%
45	15.760	2193	2199	2208	rBV2	44593	67794	15.69%	1.237%
46	15.913	2223	2225	2228	rVB3	3384	3094	0.72%	0.056%
47	15.972	2231	2235	2236	rBV3	3494	3538	0.82%	0.065%
48	16.312	2291	2293	2297	rVV2	6759	7390	1.71%	0.135%
49	16.365	2297	2302	2310	rVV	33813	53265	12.33%	0.972%
50	16.430	2311	2313	2317	rVB4	3477	3797	0.88%	0.069%
51	16.477	2317	2321	2326	rBV5	3003	4916	1.14%	0.090%
52	16.530	2326	2330	2337	rVV5	4554	10094	2.34%	0.184%
53	16.588	2337	2340	2346	rVB4	4780	5429	1.26%	0.099%
54	16.688	2352	2357	2362	rBV6	9089	16271	3.77%	0.297%
55	16.941	2395	2400	2403	rBV4	3804	5645	1.31%	0.103%
56	17.053	2417	2419	2425	rBV4	2164	3128	0.72%	0.057%
57	17.111	2425	2429	2432	rBV2	7438	10947	2.53%	0.200%
58	17.158	2433	2437	2441	rVB	34835	40031	9.26%	0.731%
59	17.258	2449	2454	2457	rVB3	5123	8289	1.92%	0.151%
60	17.299	2459	2461	2467	rVV4	2285	3260	0.75%	0.059%
61	17.405	2472	2479	2486	rVV2	232915	348610	80.67%	6.362%
62	17.505	2490	2496	2504	rVB	177291	266834	61.75%	4.869%
63	17.781	2537	2543	2547	rBV2	22677	34180	7.91%	0.624%
64	17.852	2553	2555	2558	rVB2	6473	6472	1.50%	0.118%
65	17.899	2558	2563	2571	rVB	38021	51968	12.03%	0.948%
66	18.075	2590	2593	2596	rBV4	3137	4888	1.13%	0.089%
67	18.198	2611	2614	2620	rVV4	2499	3639	0.84%	0.066%
68	18.292	2625	2630	2634	rBV5	6685	10312	2.39%	0.188%
69	18.404	2647	2649	2652	rBV3	2265	2927	0.68%	0.053%
70	18.445	2652	2656	2660	rVV3	7955	10998	2.55%	0.201%
71	18.551	2669	2674	2677	rBV2	8144	9973	2.31%	0.182%

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72	18.586	2677	2680	2686	rVV	36724	47837	11.07%	0.873%
73	18.715	2698	2702	2709	rVB3	10939	13603	3.15%	0.248%
74	18.774	2710	2712	2716	rVV4	1989	2651	0.61%	0.048%
75	18.821	2718	2720	2725	rVB4	2936	3448	0.80%	0.063%
76	18.986	2745	2748	2750	rBV3	3466	2857	0.66%	0.052%
77	19.150	2771	2776	2778	rBV3	16172	21762	5.04%	0.397%
78	19.185	2780	2782	2784	rVV3	12187	12109	2.80%	0.221%
79	19.215	2784	2787	2794	rVB	45094	57127	13.22%	1.042%
80	19.415	2818	2821	2822	rBV3	3947	4293	0.99%	0.078%
81	19.791	2876	2885	2893	rBV	234134	353369	81.77%	6.448%
82	20.026	2923	2925	2930	rVB3	4448	5539	1.28%	0.101%
83	20.096	2935	2937	2940	rBV4	3687	3728	0.86%	0.068%
84	20.296	2968	2971	2972	rBV2	6997	6793	1.57%	0.124%
85	20.325	2973	2976	2981	rVB	26881	30113	6.97%	0.550%
86	20.437	2991	2995	2996	rBV4	3140	3303	0.76%	0.060%
87	20.801	3053	3057	3058	rBV	24143	27501	6.36%	0.502%
88	21.324	3141	3146	3153	rVV2	39755	67767	15.68%	1.237%
89	21.483	3169	3173	3178	rVB5	7992	12361	2.86%	0.226%
90	21.565	3185	3187	3191	rVB3	7842	8851	2.05%	0.162%
91	21.677	3199	3206	3215	rBV	257479	418642	96.88%	7.640%
92	21.859	3229	3237	3239	rBV6	18601	36533	8.45%	0.667%
93	21.917	3245	3247	3252	rVB5	9984	13255	3.07%	0.242%
94	22.511	3344	3348	3352	rBV6	8097	14267	3.30%	0.260%
95	23.251	3471	3474	3479	rVB6	10005	16904	3.91%	0.308%
96	23.375	3492	3495	3501	rVB3	9050	15484	3.58%	0.283%
97	24.003	3597	3602	3607	rBV7	3639	7960	1.84%	0.145%
98	24.679	3708	3717	3728	rVB	101721	278105	64.36%	5.075%
99	24.902	3745	3755	3774	rVB2	136494	406122	93.98%	7.411%
100	26.083	3953	3956	3957	rBV3	3666	4470	1.03%	0.082%

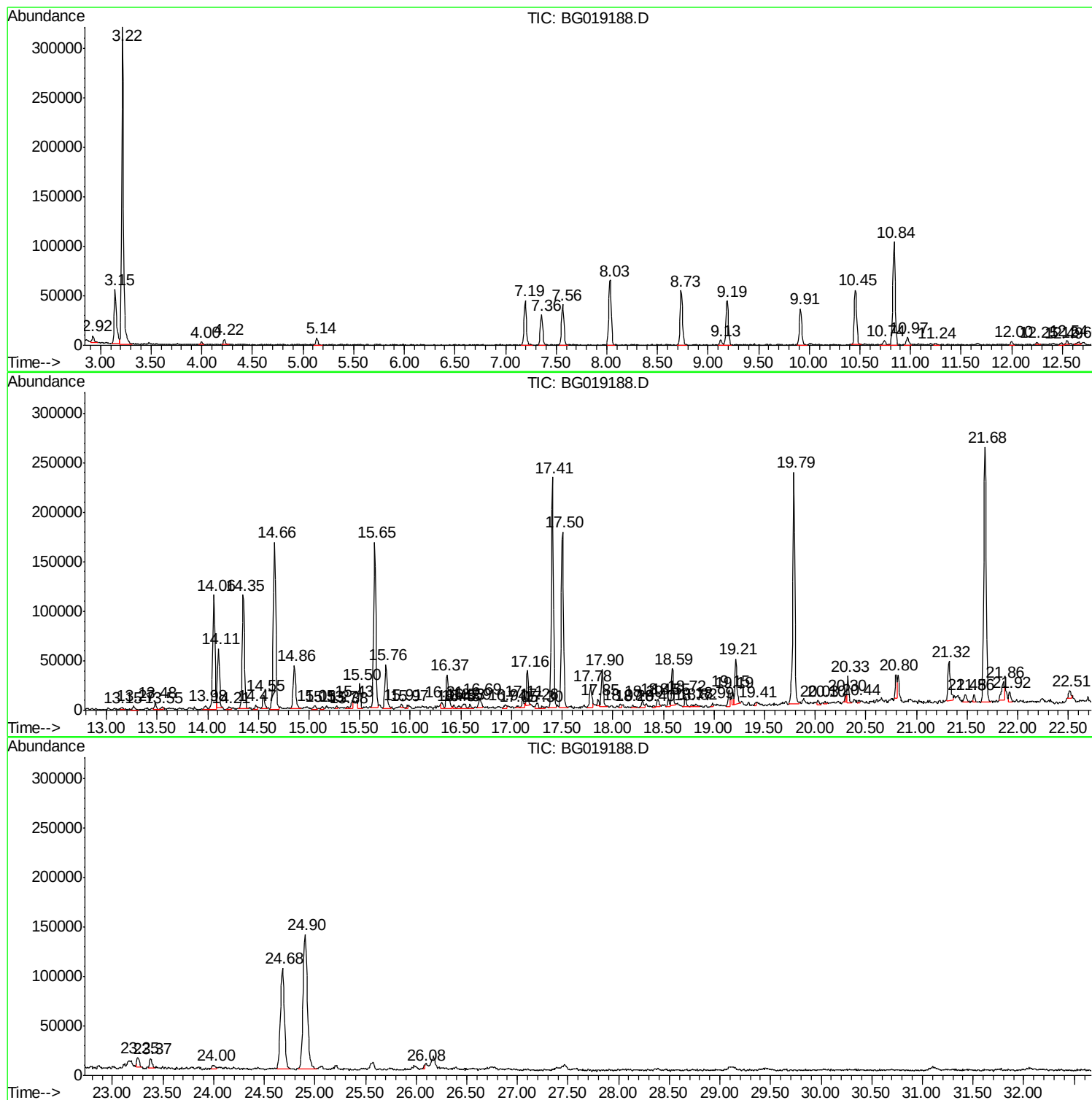
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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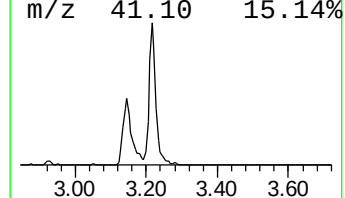
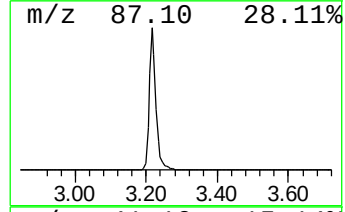
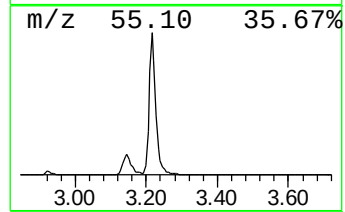
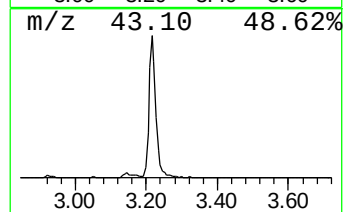
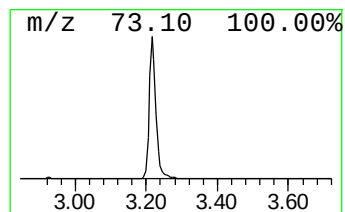
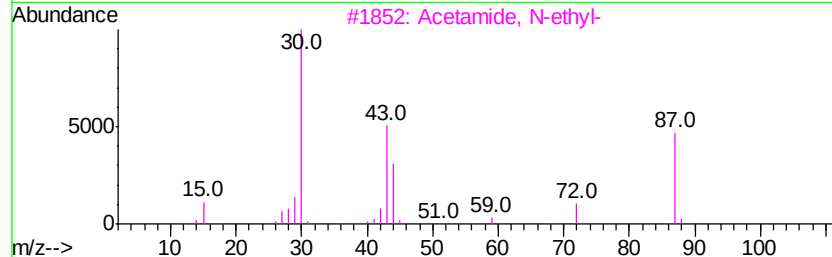
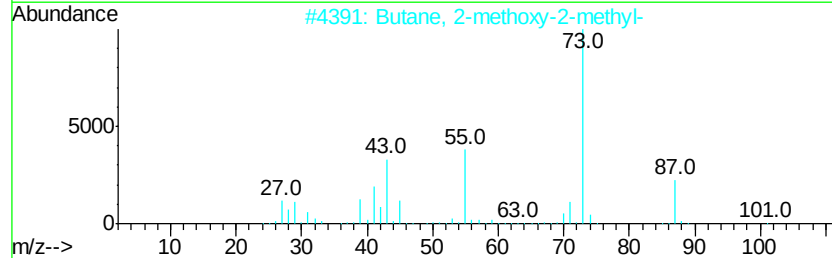
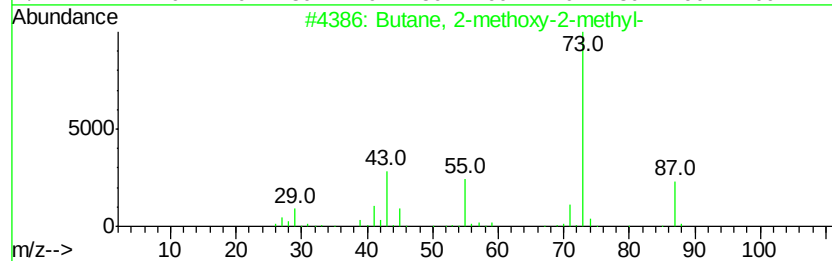
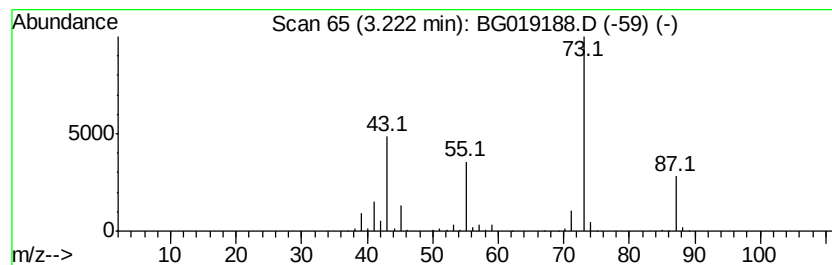
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
3.22	78.83 ng/ul	432136	1,4-Dichlorobenzene-d4	8.03

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	56
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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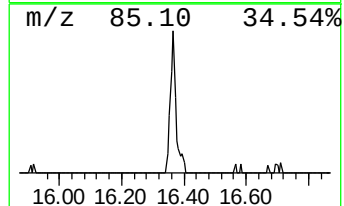
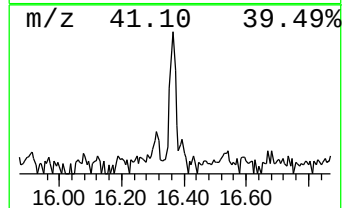
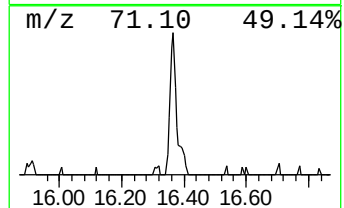
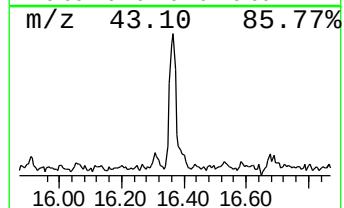
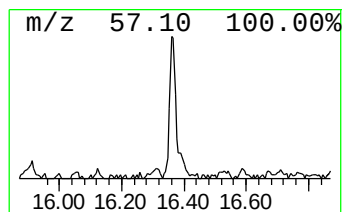
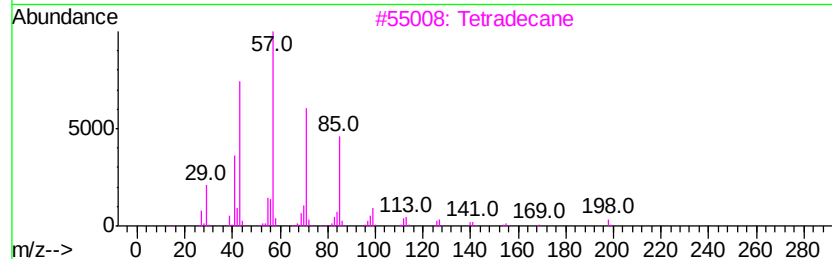
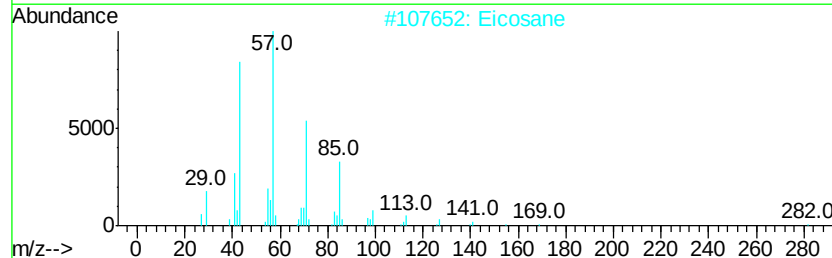
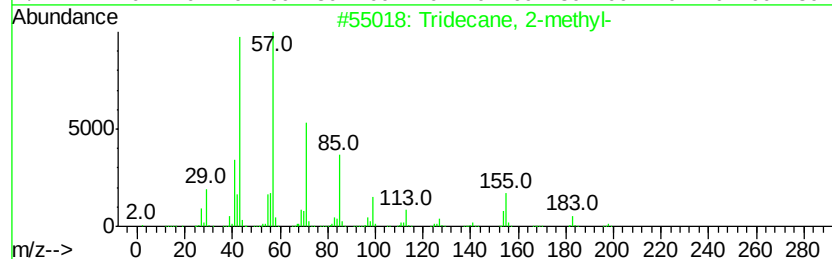
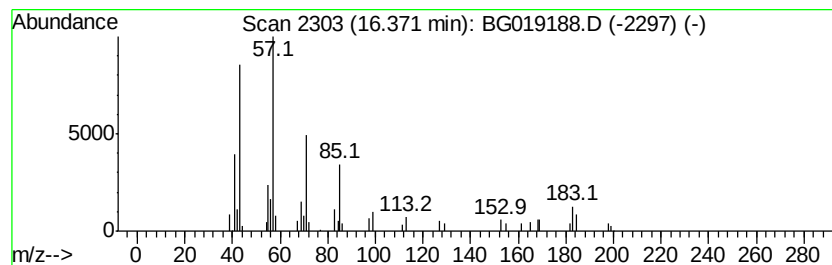
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.06 ng/ul	53265	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Tetradecane	198	C14H30	000629-59-4	81
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



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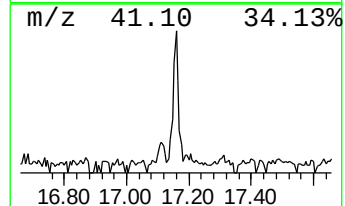
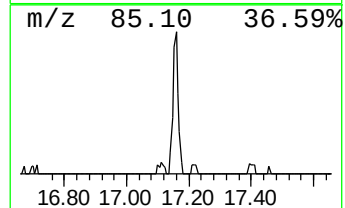
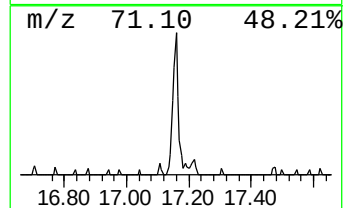
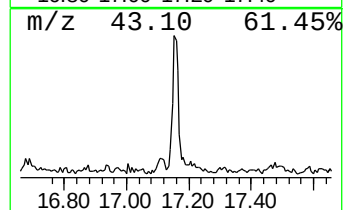
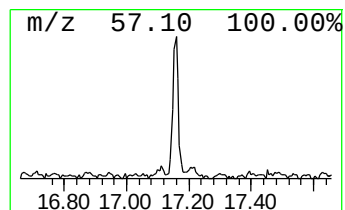
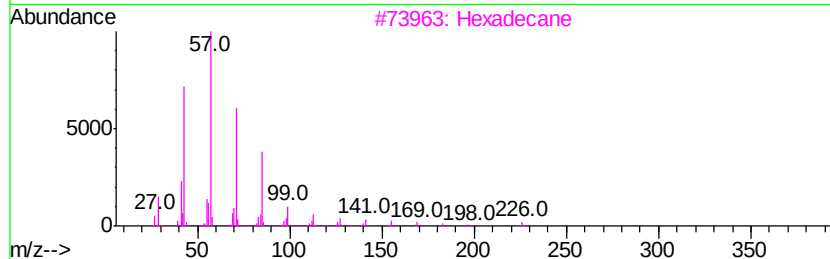
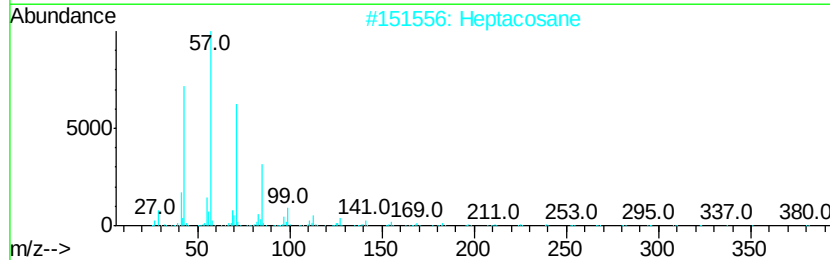
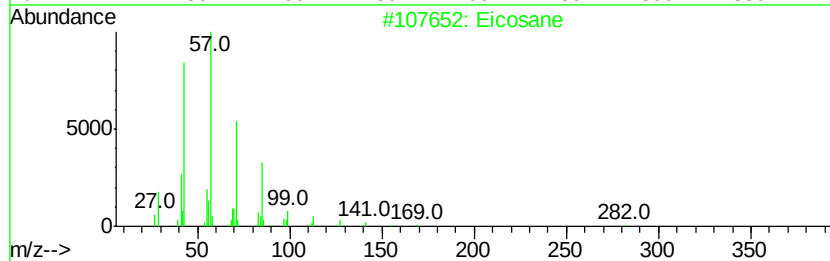
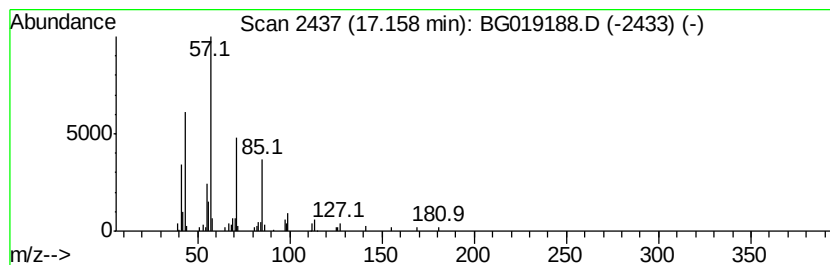
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	2.30 ng/ul	40031	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Octadecane	254	C18H38	000593-45-3	80
5		Heneicosane	296	C21H44	000629-94-7	80



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LG2

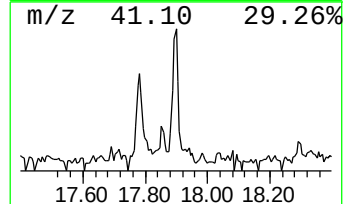
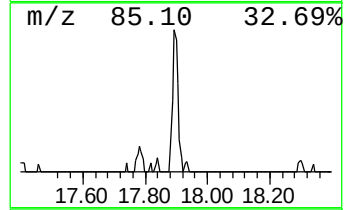
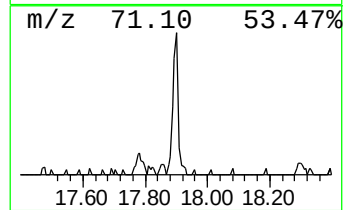
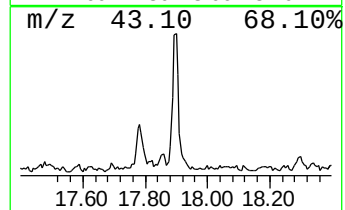
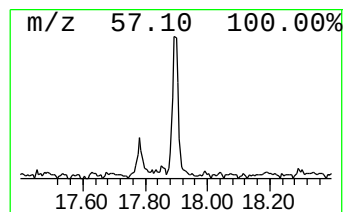
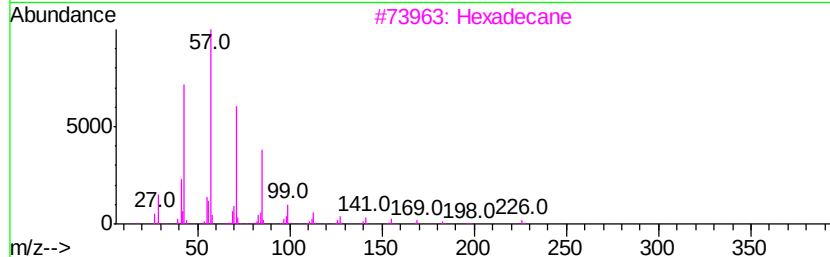
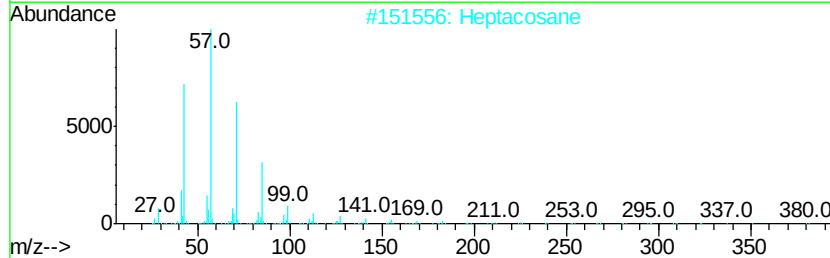
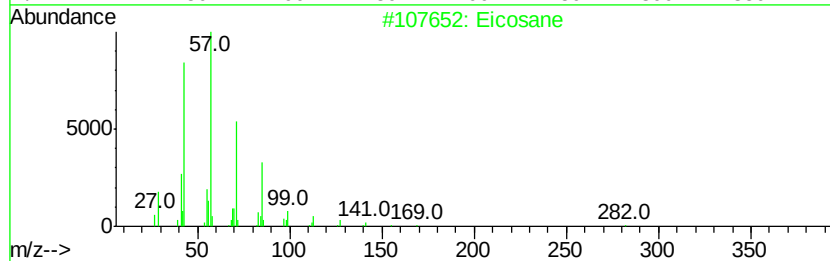
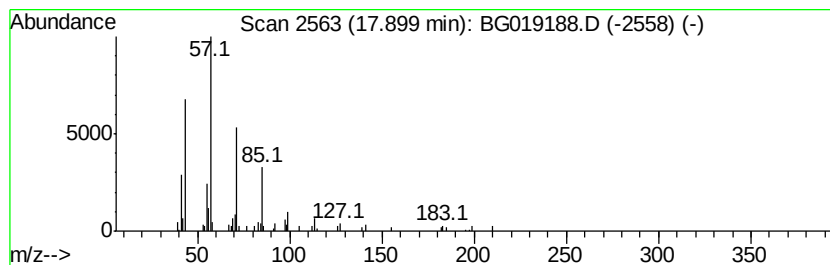
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
17.90	2.98 ng/ul	51968	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019188.D
Acq On : 13 Oct 2015 20:54
Operator : UM/NP
Sample : G3996-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LG2

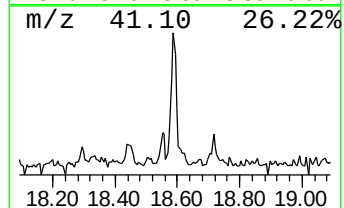
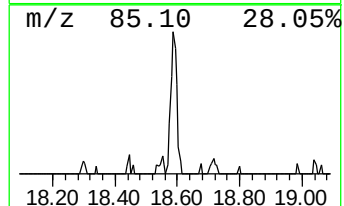
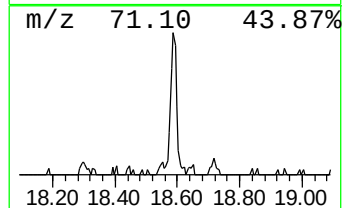
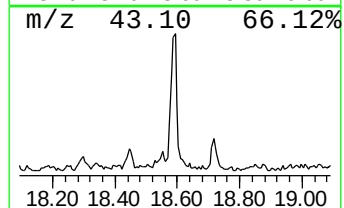
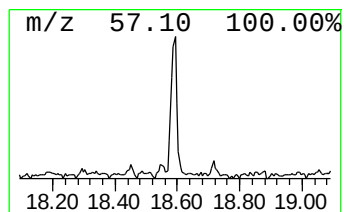
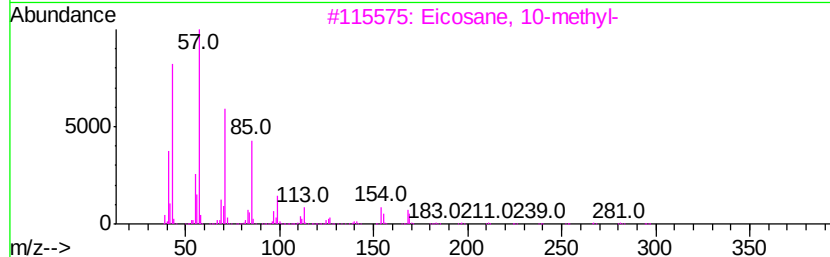
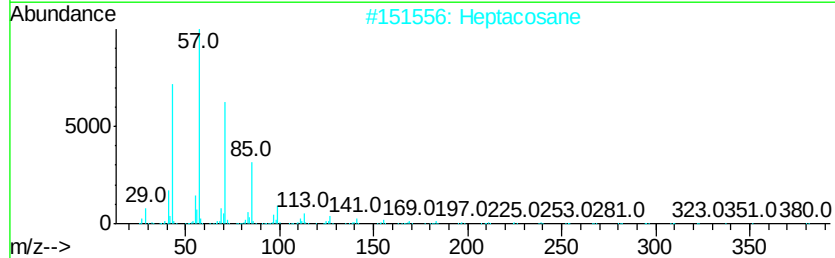
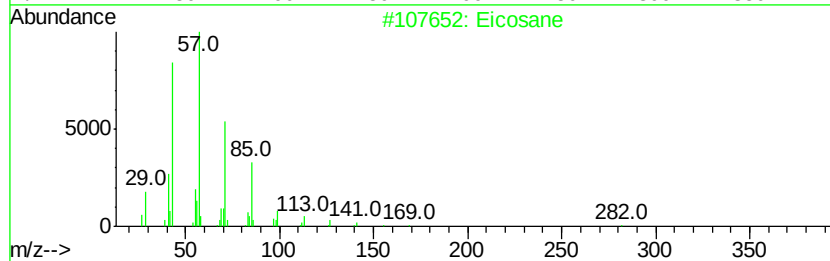
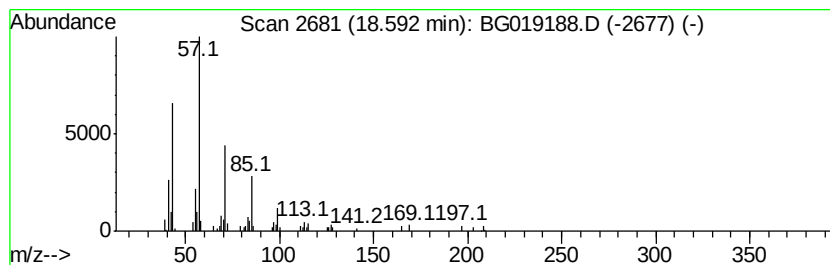
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.74 ng/ul	47837	Phenanthrene-d10	17.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Heptacosane	380	C27H56	000593-49-7	90
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4			Heptadecane	240	C17H36	000629-78-7	87
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019188.D
Acq On : 13 Oct 2015 20:54
Operator : UM/NP
Sample : G3996-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LG2

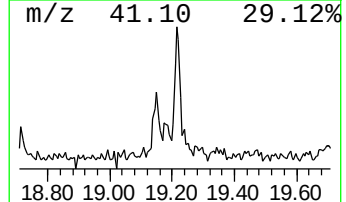
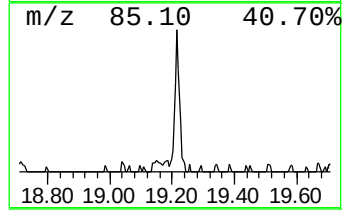
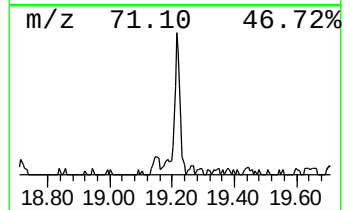
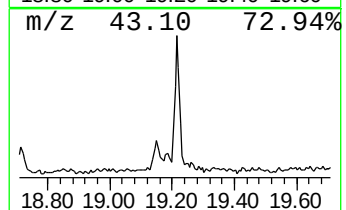
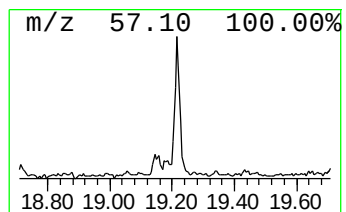
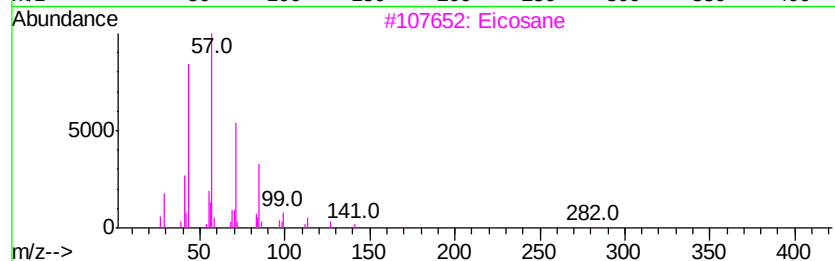
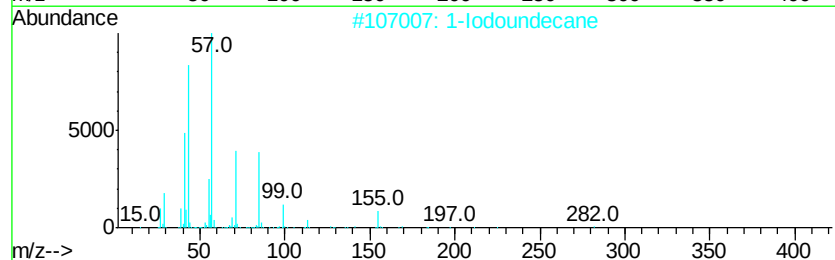
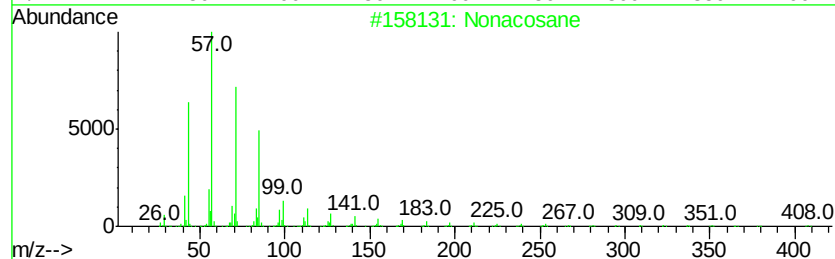
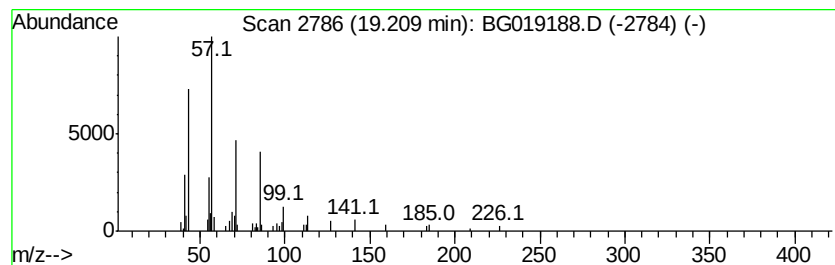
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	3.28 ng/ul	57127	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	80
2		1-Iodoundecane	282	C11H23I	004282-44-4	72
3		Eicosane	282	C20H42	000112-95-8	58
4		triacontane	422	C30H62	000638-68-6	58
5		Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019188.D
Acq On : 13 Oct 2015 20:54
Operator : UM/NP
Sample : G3996-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LG2

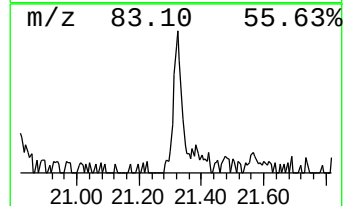
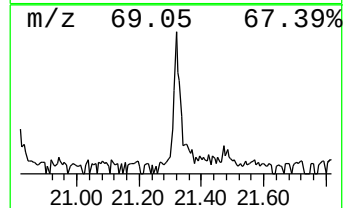
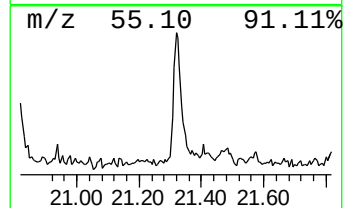
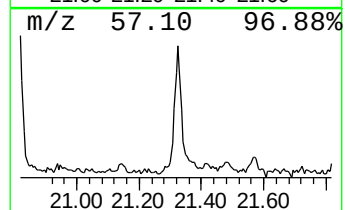
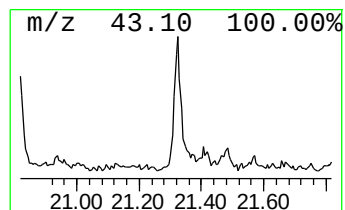
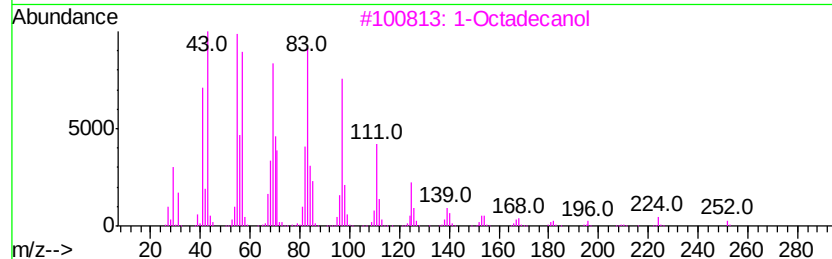
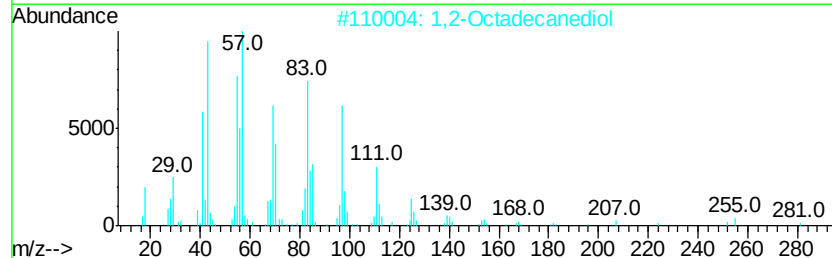
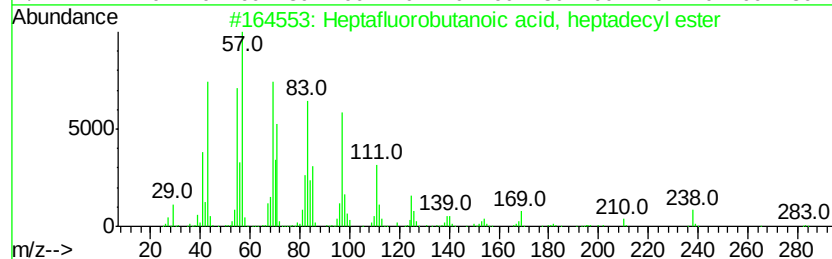
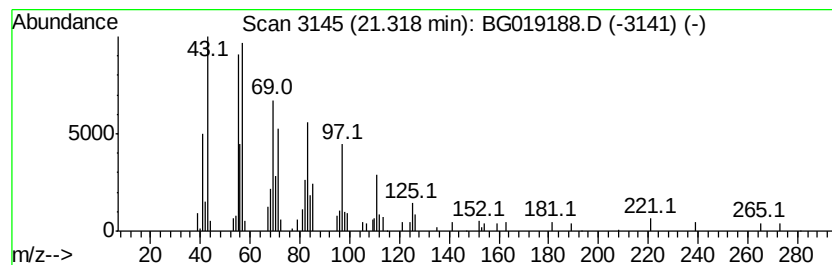
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.24 ng/ul	67767	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
2		1,2-Octadecanediol	286	C18H38O2	020294-76-2	83
3		1-Octadecanol	270	C18H38O	000112-92-5	83
4		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	83
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101415\
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Acq On : 13 Oct 2015 20:54
Operator : UM/NP
Sample : G3996-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LG2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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
Butane, 2-methoxy...	3.22	78.8	ng/ul	432136	1	8.03	109642	20.0
(DEL) Alkane: Str...	16.37	3.1	ng/ul	53265	4	17.41	348610	20.0
(DEL) Alkane: Str...	17.16	2.3	ng/ul	40031	4	17.41	348610	20.0
(DEL) Alkane: Str...	17.90	3.0	ng/ul	51968	4	17.41	348610	20.0
(DEL) Alkane: Str...	18.59	2.7	ng/ul	47837	4	17.41	348610	20.0
(DEL) Alkane: Str...	19.21	3.3	ng/ul	57127	4	17.41	348610	20.0
Heptafluorobutano...	21.32	3.2	ng/ul	67767	5	21.68	418642	20.0