

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043122.D
 Acq On : 10 Oct 2019 3:58
 Operator : JU
 Sample : K5175-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP90

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	3.161	7	12	20	rBV	180751	358995	16.17%	1.521%
2	3.237	20	25	43	rVB	369170	602547	27.14%	2.553%
3	3.502	65	70	74	rBV4	8198	12544	0.57%	0.053%
4	3.925	136	142	146	rBV4	3111	5697	0.26%	0.024%
5	4.019	154	158	166	rVB3	12289	18841	0.85%	0.080%
6	4.142	176	179	184	rBV3	5050	6163	0.28%	0.026%
7	4.242	191	196	202	rVB4	3965	6374	0.29%	0.027%
8	4.794	288	290	296	rVB6	1965	3183	0.14%	0.013%
9	5.153	346	351	359	rBV2	15145	26746	1.20%	0.113%
10	7.227	696	704	718	rBV2	124327	319722	14.40%	1.354%
11	7.379	723	730	744	rVB	112079	212512	9.57%	0.900%
12	7.591	759	766	779	rBV	156525	311402	14.03%	1.319%
13	8.055	837	845	854	rBV	181968	338208	15.24%	1.433%
14	8.120	854	856	859	rVB2	3324	3448	0.16%	0.015%
15	8.766	958	966	979	rBV	127583	295059	13.29%	1.250%
16	9.213	1031	1042	1055	rBV	150931	315811	14.23%	1.338%
17	9.642	1111	1115	1119	rVB3	5689	8677	0.39%	0.037%
18	9.941	1159	1166	1179	rBV	139189	286733	12.92%	1.215%
19	10.488	1251	1259	1273	rBV	174947	403200	18.16%	1.708%
20	10.858	1314	1322	1337	rBV	264989	512610	23.09%	2.172%
21	10.999	1337	1346	1359	rBV	106161	279793	12.60%	1.185%
22	11.257	1387	1390	1394	rVB2	2218	3411	0.15%	0.014%
23	12.379	1574	1581	1583	rBV2	5022	8579	0.39%	0.036%
24	12.444	1589	1592	1596	rVB2	3915	4192	0.19%	0.018%
25	12.738	1636	1642	1645	rBV4	2282	5088	0.23%	0.022%
26	13.038	1690	1693	1697	rBV2	2408	3517	0.16%	0.015%
27	13.331	1738	1743	1748	rVB2	3057	5481	0.25%	0.023%
28	13.913	1836	1842	1852	rBV3	10914	28113	1.27%	0.119%
29	13.995	1854	1856	1861	rVB2	3358	4102	0.18%	0.017%
30	14.077	1863	1870	1875	rBV	497902	778220	35.06%	3.297%
31	14.124	1875	1878	1888	rVB	175163	263727	11.88%	1.117%
32	14.371	1914	1920	1935	rBV	534424	902688	40.66%	3.824%
33	14.565	1950	1953	1956	rBV3	4145	5264	0.24%	0.022%
34	14.677	1965	1972	1980	rBV	491579	783622	35.30%	3.320%

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35	14.741	1980	1983	1990	rVB4	7786	12102	0.55%	0.051%
36	14.824	1990	1997	2003	rBV4	8017	12962	0.58%	0.055%
37	14.918	2003	2013	2028	rBV	905756	1835754	82.70%	7.777%
38	15.088	2038	2042	2047	rVB8	12434	24875	1.12%	0.105%
39	15.129	2047	2049	2052	rVV4	4465	3807	0.17%	0.016%
40	15.200	2058	2061	2064	rVB3	3918	4330	0.20%	0.018%
41	15.482	2103	2109	2113	rBV3	13832	25713	1.16%	0.109%
42	15.517	2113	2115	2119	rVB3	11563	13345	0.60%	0.057%
43	15.670	2130	2141	2148	rVV	710822	1229840	55.40%	5.210%
44	15.717	2148	2149	2154	rVV4	20262	28101	1.27%	0.119%
45	15.781	2154	2160	2175	rVV	180754	342975	15.45%	1.453%
46	15.922	2175	2184	2191	rVV	12491	37735	1.70%	0.160%
47	15.969	2191	2192	2195	rVV3	5011	3226	0.15%	0.014%
48	16.016	2197	2200	2206	rVB6	5897	9059	0.41%	0.038%
49	16.240	2234	2238	2239	rBV3	3989	3460	0.16%	0.015%
50	16.310	2246	2250	2253	rVV6	6053	8594	0.39%	0.036%
51	16.381	2257	2262	2264	rBV4	14946	22449	1.01%	0.095%
52	16.398	2264	2265	2270	rVB3	13255	14612	0.66%	0.062%
53	16.439	2270	2272	2275	rBV3	5283	5128	0.23%	0.022%
54	16.651	2304	2308	2311	rVB5	6334	8122	0.37%	0.034%
55	16.698	2311	2316	2317	rBV4	4476	6684	0.30%	0.028%
56	16.727	2317	2321	2324	rBV6	6287	8561	0.39%	0.036%
57	16.774	2325	2329	2330	rBV3	6570	6645	0.30%	0.028%
58	16.839	2336	2340	2342	rBV5	3653	4710	0.21%	0.020%
59	16.921	2352	2354	2356	rBV3	3551	3963	0.18%	0.017%
60	16.956	2357	2360	2362	rVV4	8526	10614	0.48%	0.045%
61	16.986	2363	2365	2366	rVV2	5078	3667	0.17%	0.016%
62	16.998	2366	2367	2368	rVV	8048	4262	0.19%	0.018%
63	17.021	2368	2371	2377	rVV3	9261	15197	0.68%	0.064%
64	17.086	2377	2382	2388	rVV7	8966	18315	0.83%	0.078%
65	17.168	2393	2396	2399	rVV5	8712	11307	0.51%	0.048%
66	17.238	2403	2408	2413	rVB5	9107	16408	0.74%	0.070%
67	17.291	2415	2417	2420	rVB4	3454	3361	0.15%	0.014%
68	17.321	2420	2422	2424	rBV3	7418	8679	0.39%	0.037%
69	17.421	2432	2439	2444	rBV2	659438	1061923	47.84%	4.499%
70	17.462	2444	2446	2450	rVV	137762	173505	7.82%	0.735%
71	17.520	2450	2456	2467	rVB2	770286	1325424	59.71%	5.615%

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72	17.756	2494	2496	2497	rBV2	5718	4010	0.18%	0.017%
73	17.820	2503	2507	2512	rBV4	17042	34770	1.57%	0.147%
74	17.908	2519	2522	2526	rVB5	7876	9165	0.41%	0.039%
75	17.979	2533	2534	2535	rBV	6358	4301	0.19%	0.018%
76	18.308	2585	2590	2593	rBV4	63644	104111	4.69%	0.441%
77	18.343	2593	2596	2601	rVB2	37613	63423	2.86%	0.269%
78	18.490	2616	2621	2625	rBV4	49232	87191	3.93%	0.369%
79	18.602	2637	2640	2643	rBV5	13997	16785	0.76%	0.071%
80	18.795	2670	2673	2675	rBV2	19753	24189	1.09%	0.102%
81	18.831	2675	2679	2685	rVB6	39392	68497	3.09%	0.290%
82	19.207	2740	2743	2747	rBV3	31667	56203	2.53%	0.238%
83	19.348	2763	2767	2772	rBV8	26071	38827	1.75%	0.164%
84	19.471	2783	2788	2794	rVB	326013	467646	21.07%	1.981%
85	19.806	2839	2845	2856	rBV2	1110020	2219852	100.00%	9.404%
86	21.575	3143	3146	3150	rVB	86824	114701	5.17%	0.486%
87	21.692	3158	3166	3171	rBV2	755453	1561896	70.36%	6.616%
88	21.733	3171	3173	3182	rVB	179926	293514	13.22%	1.243%
89	21.886	3195	3199	3206	rVB4	74186	138531	6.24%	0.587%
90	22.491	3298	3302	3308	rVB2	114012	176435	7.95%	0.747%
91	23.184	3417	3420	3427	rVB2	97106	157082	7.08%	0.665%
92	23.890	3534	3540	3548	rBV2	113427	337284	15.19%	1.429%
93	23.989	3554	3557	3563	rVB2	124917	217162	9.78%	0.920%
94	24.689	3668	3676	3684	rBV	558166	1454657	65.53%	6.162%
95	24.918	3705	3715	3728	rBV2	469680	1527043	68.79%	6.469%
96	26.063	3905	3910	3920	rVB4	112386	331403	14.93%	1.404%
97	27.421	4135	4141	4151	rVB4	88237	274888	12.38%	1.164%
98	29.048	4410	4418	4431	rVB4	91355	354952	15.99%	1.504%
99	32.139	4942	4944	4945	rBV2	11029	7414	0.33%	0.031%
100	32.626	5025	5027	5028	rBV2	9923	6526	0.29%	0.028%

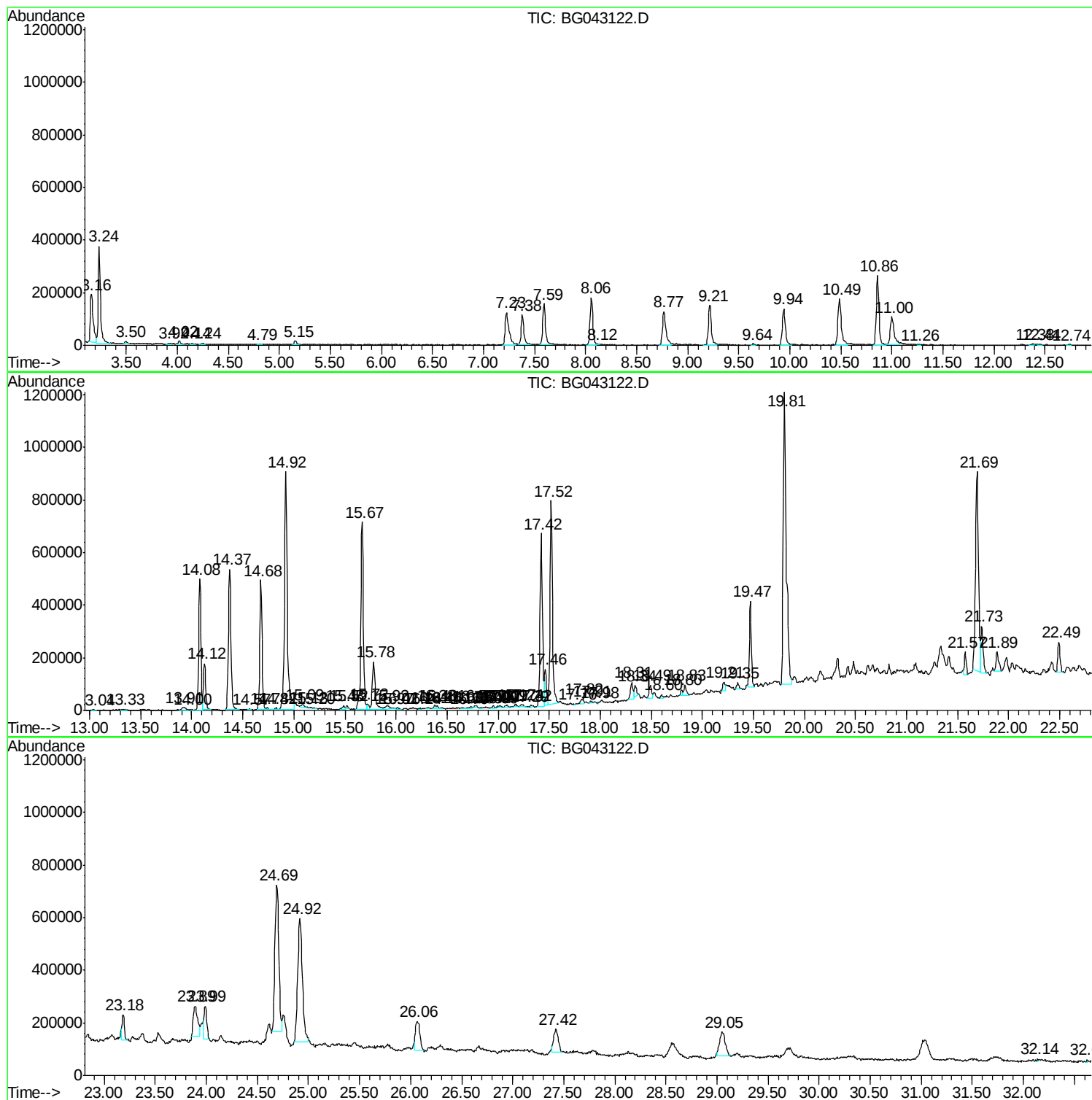
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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



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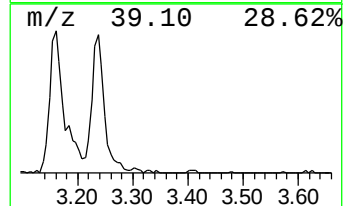
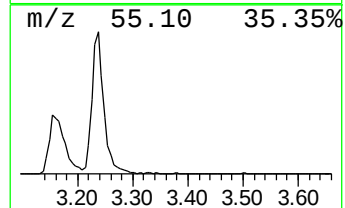
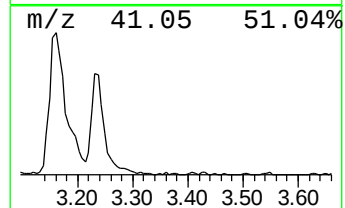
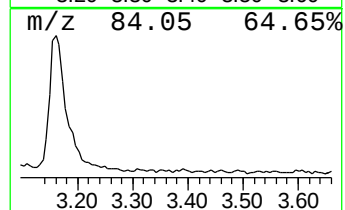
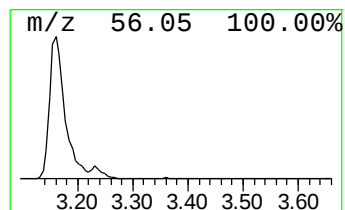
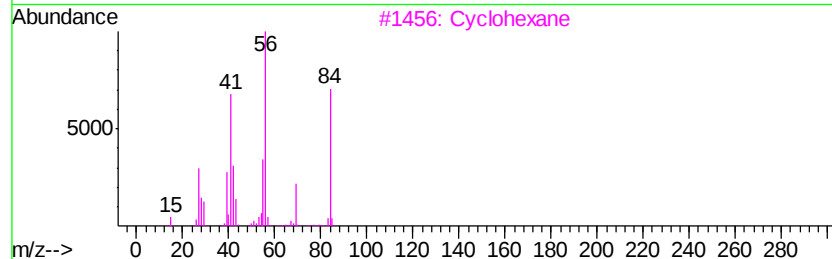
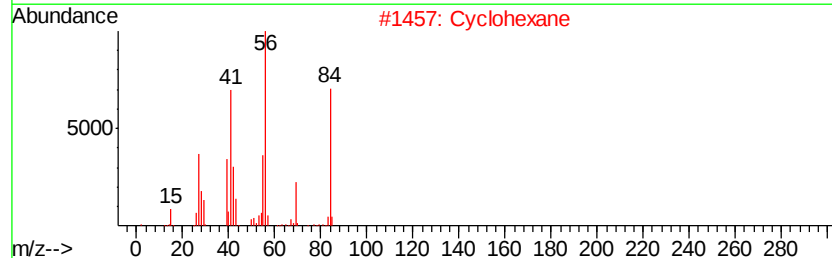
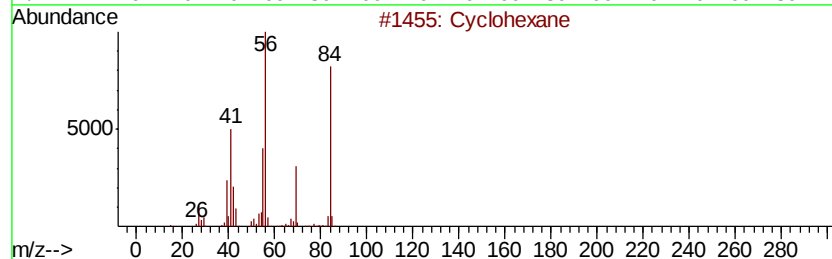
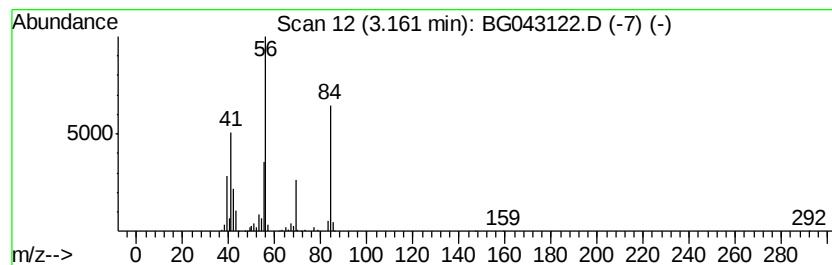
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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	21.23 ng/ul	358995	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	94
2		Cyclohexane	84	C6H12	000110-82-7	91
3		Cyclohexane	84	C6H12	000110-82-7	90
4		2-Amino-oxazole	84	C3H4N2O	004570-45-0	87
5		Cyclohexane	84	C6H12	000110-82-7	87



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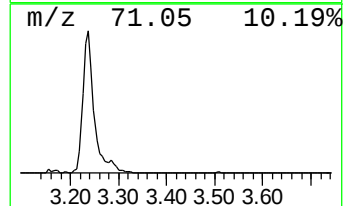
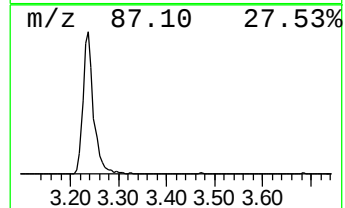
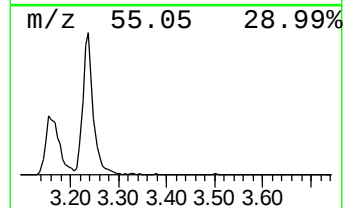
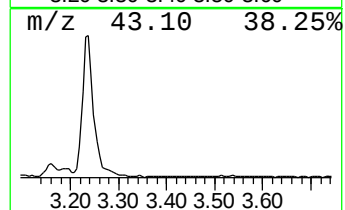
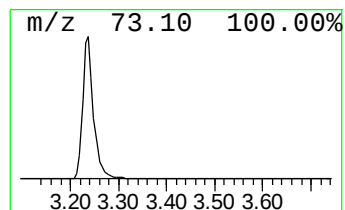
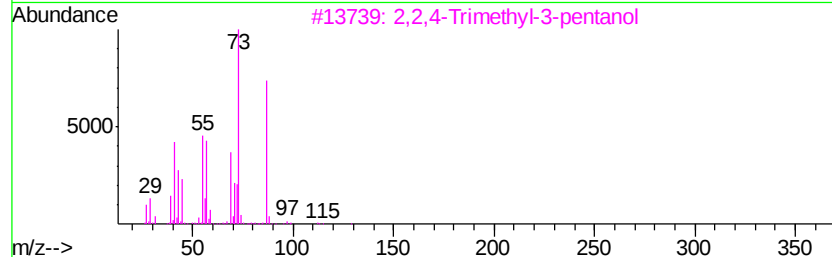
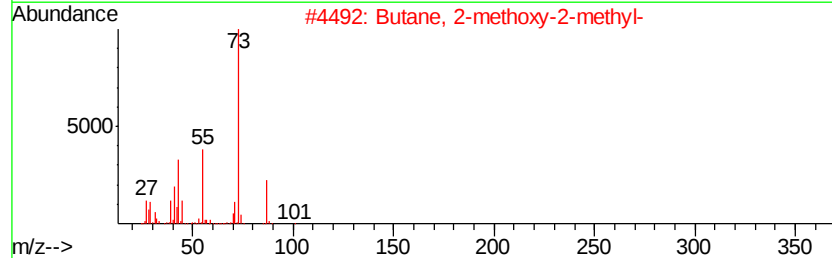
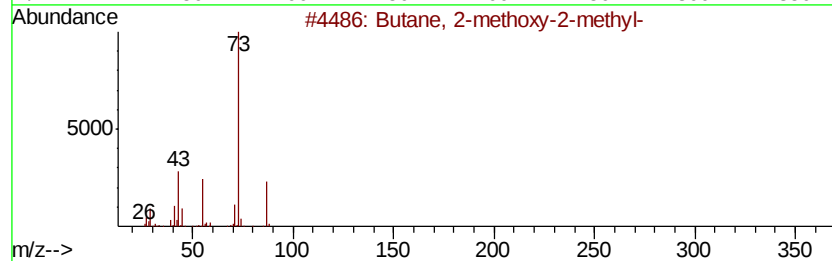
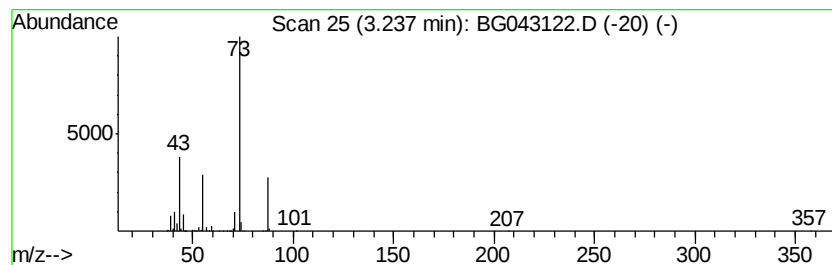
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	35.63 ng/ul	602547	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	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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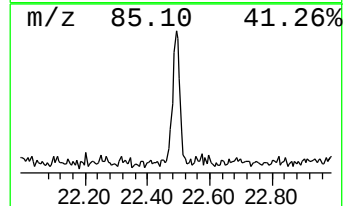
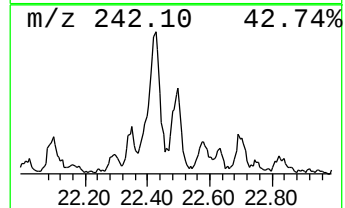
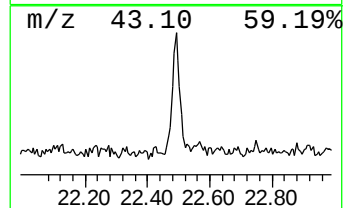
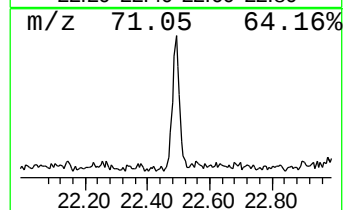
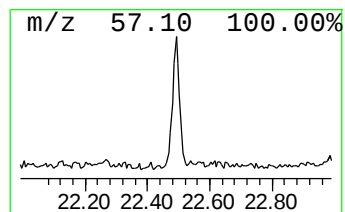
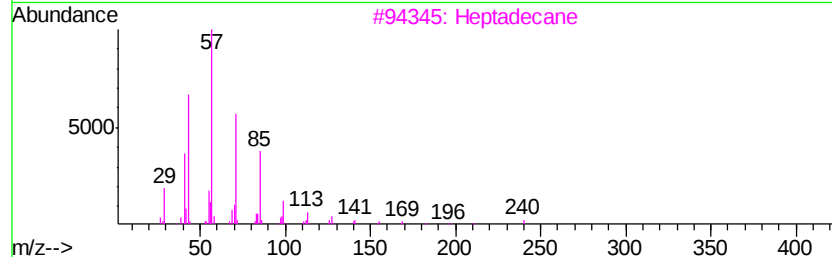
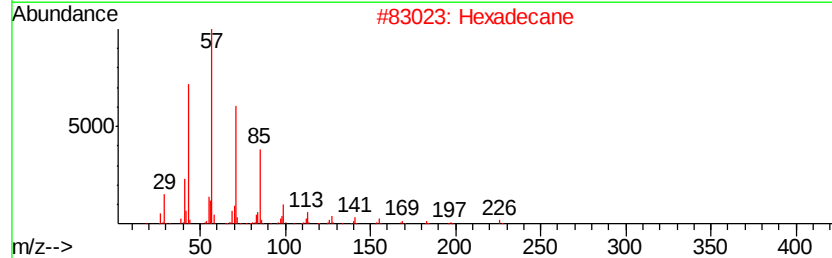
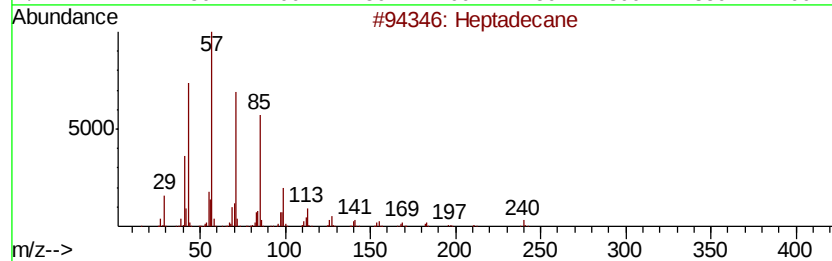
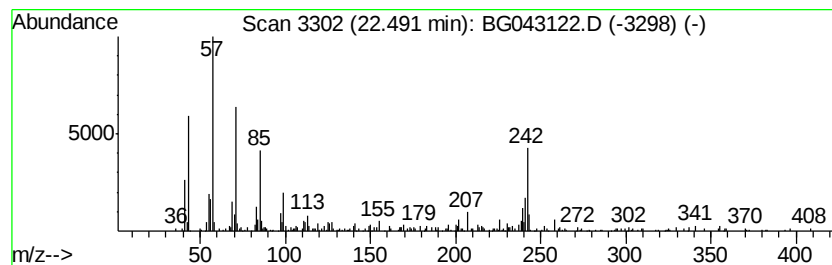
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.26 ng/ul	176435	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Tricosane	324	C23H48	000638-67-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP90

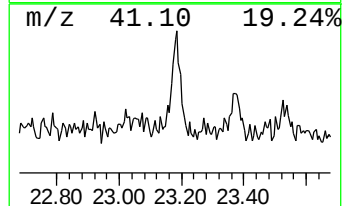
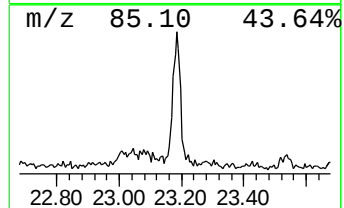
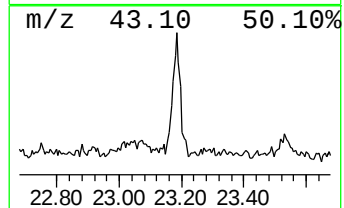
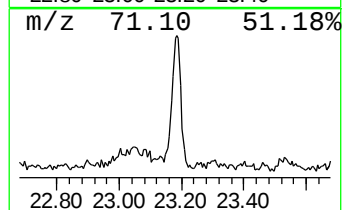
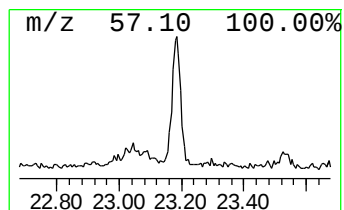
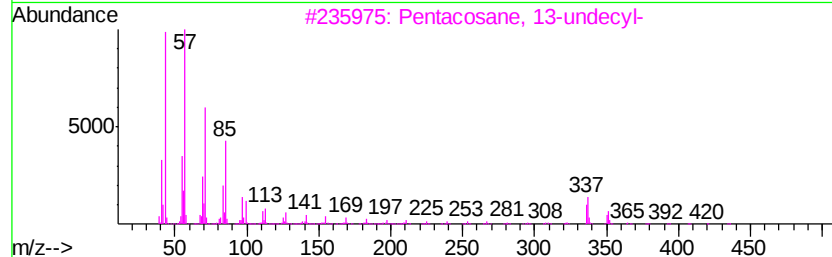
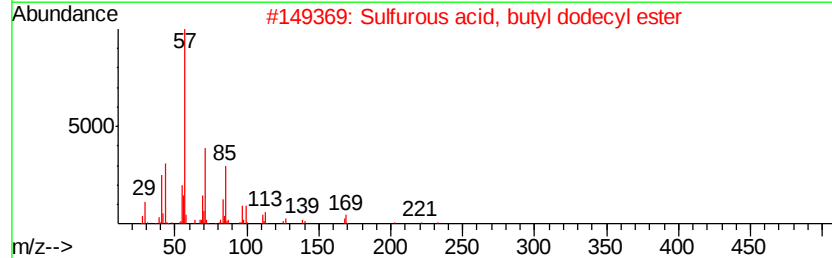
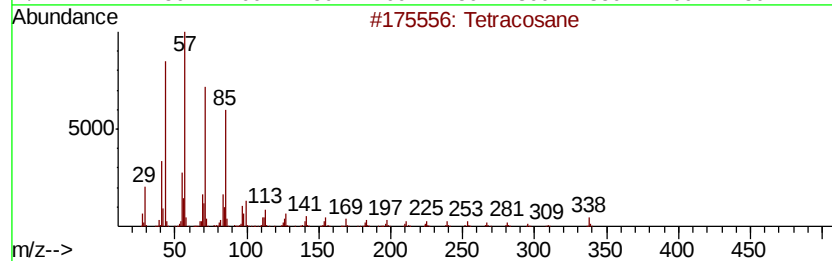
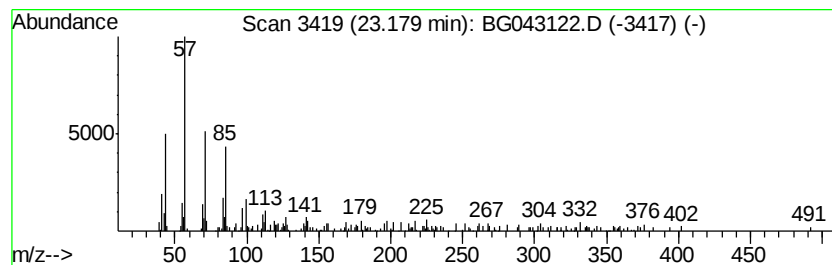
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.01 ng/ul	157082	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	64
2		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	59
3		Pentacosane, 13-undecyl-	507	C36H74	055517-89-0	49
4		1-Bromoeicosane	360	C20H41Br	004276-49-7	49
5		Octacosane	394	C28H58	000630-02-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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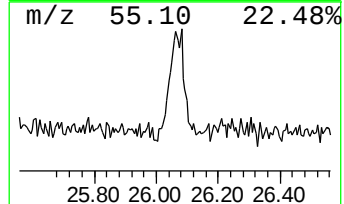
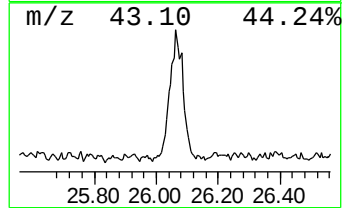
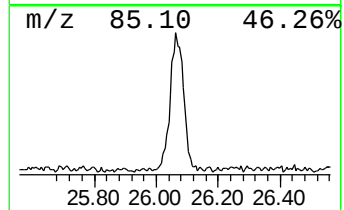
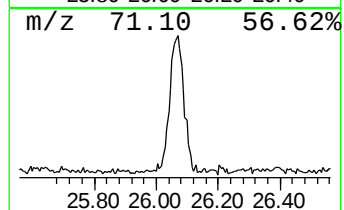
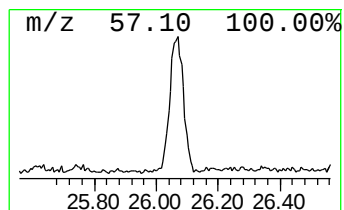
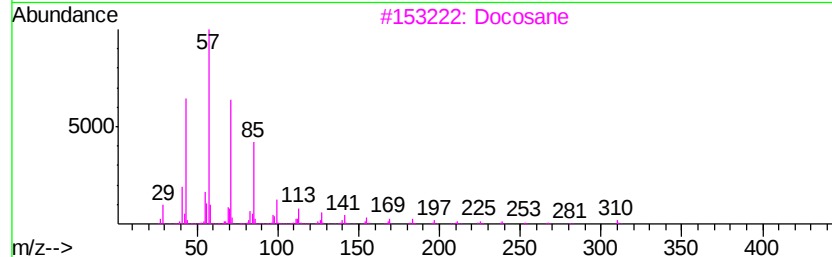
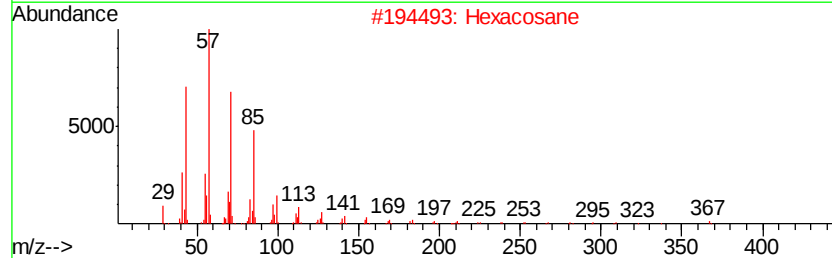
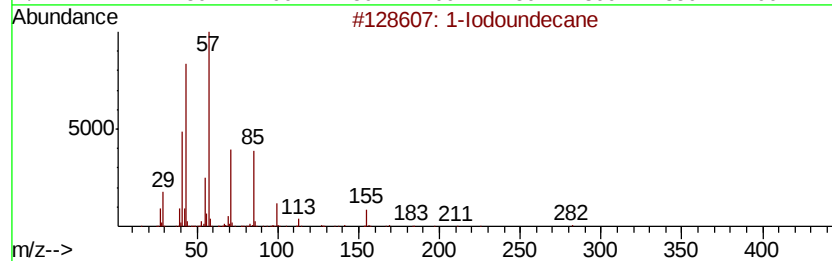
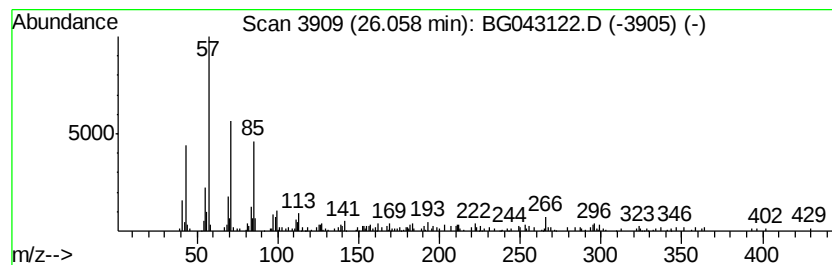
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Iodoundecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	4.34 ng/ul	331403	Perylene-d12	24.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane		282	C11H23I	004282-44-4	76
2	Hexacosane		366	C26H54	000630-01-3	74
3	Docosane		310	C22H46	000629-97-0	72
4	Decane, 1-iodo-		268	C10H21I	002050-77-3	68
5	Tridecane		184	C13H28	000629-50-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043122.D
 Acq On : 10 Oct 2019 3:58
 Operator : JU
 Sample : K5175-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP90

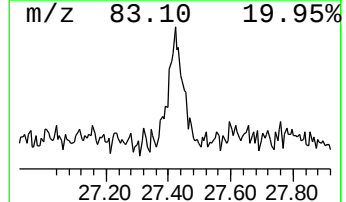
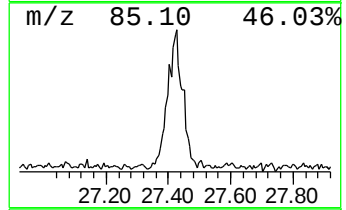
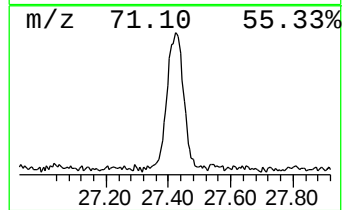
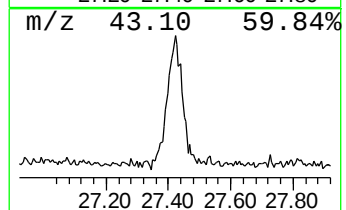
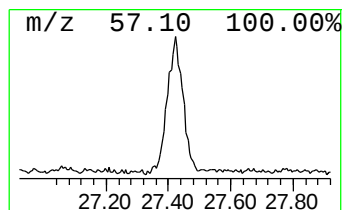
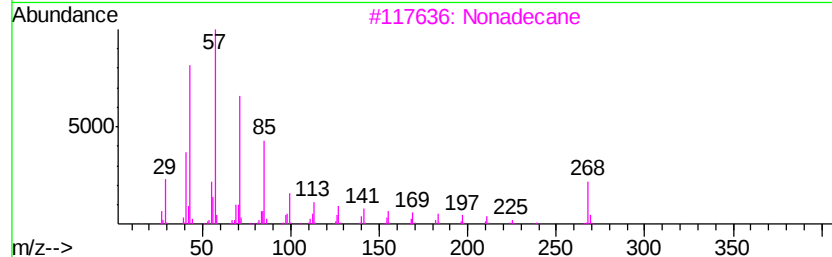
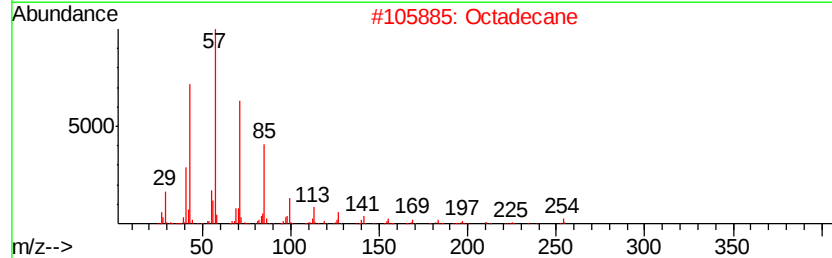
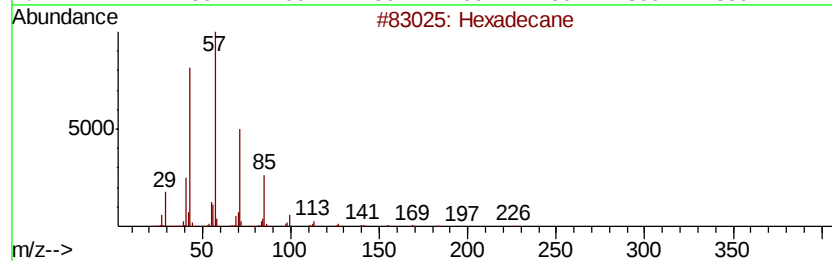
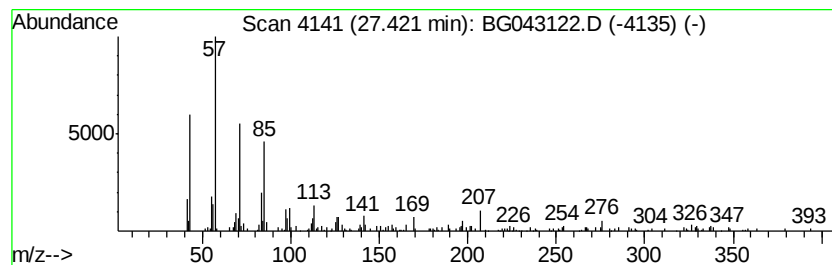
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.42	3.60 ng/ul	274888	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Octadecane	254	C18H38	000593-45-3	83
3		Nonadecane	268	C19H40	000629-92-5	64
4		Tricosane	324	C23H48	000638-67-5	62
5		Octadecane	254	C18H38	000593-45-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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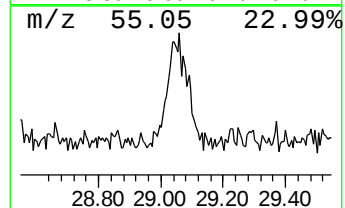
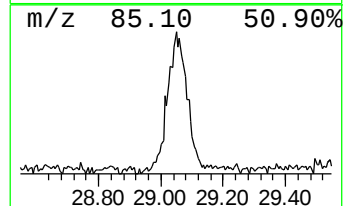
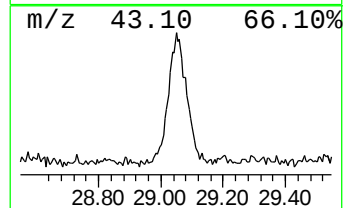
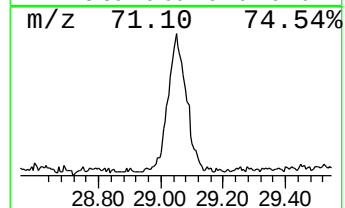
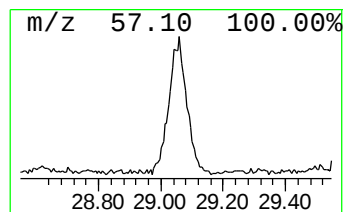
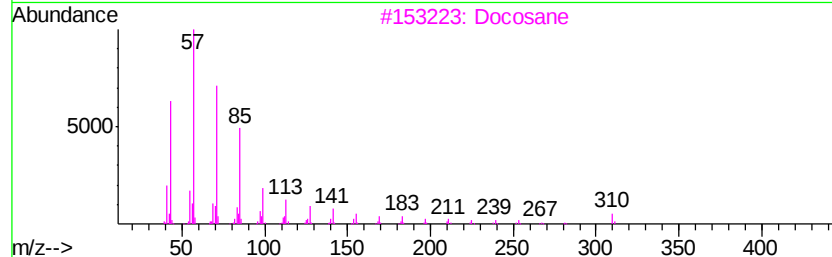
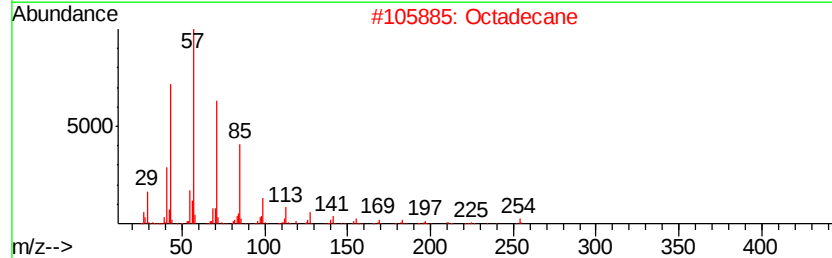
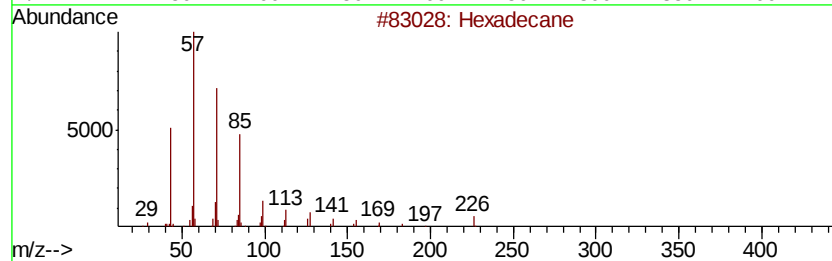
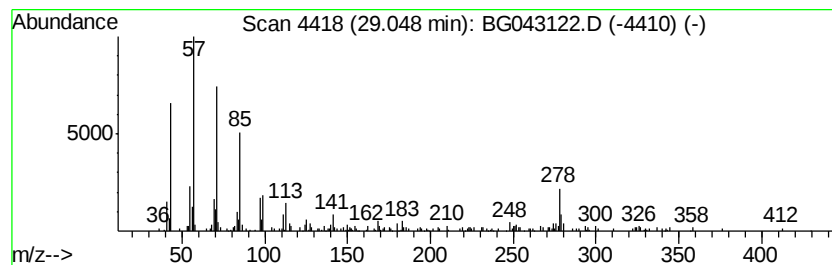
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.05	4.65 ng/ul	354952	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	70
2		Octadecane	254	C18H38	000593-45-3	70
3		Docosane	310	C22H46	000629-97-0	70
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043122.D
Acq On : 10 Oct 2019 3:58
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP90

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	21.2	ng/ul	358995	1	8.06	338208	20.0
Butane, 2-methoxy...	3.24	35.6	ng/ul	602547	1	8.06	338208	20.0
(DEL) Alkane: Str...	22.49	2.3	ng/ul	176435	5	21.69	1561900	20.0
(DEL) Alkane: Str...	23.18	2.0	ng/ul	157082	5	21.69	1561900	20.0
1-Iodoundecane	26.06	4.3	ng/ul	331403	6	24.91	1527040	20.0
(DEL) Alkane: Str...	27.42	3.6	ng/ul	274888	6	24.91	1527040	20.0
(DEL) Alkane: Str...	29.05	4.7	ng/ul	354952	6	24.91	1527040	20.0