

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026828.D
 Acq On : 2 May 2017 5:02
 Operator : SJ/MA
 Sample : I2850-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSY8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.427	54	58	64	rBV2	35365	54583	1.40%	0.110%
2	4.508	237	242	249	rVB2	56997	87136	2.23%	0.176%
3	5.108	339	344	353	rVB	135089	212997	5.45%	0.430%
4	7.188	691	698	716	rBV	649409	1263612	32.32%	2.552%
5	7.329	716	722	734	rVB	550190	910931	23.30%	1.840%
6	7.546	752	759	770	rBV	698368	1191529	30.47%	2.407%
7	8.010	830	838	846	rVB	480066	828867	21.20%	1.674%
8	8.727	953	960	981	rBV	813057	1599210	40.90%	3.230%
9	9.168	1027	1035	1047	rVB	637527	1166696	29.84%	2.357%
10	9.326	1059	1062	1069	rVB3	11557	22777	0.58%	0.046%
11	9.591	1102	1107	1114	rBV4	17317	31830	0.81%	0.064%
12	9.890	1150	1158	1173	rVB	559704	1017159	26.01%	2.055%
13	10.437	1244	1251	1279	rVB	839630	1642323	42.00%	3.317%
14	10.807	1306	1314	1324	rVB	871764	1524984	39.00%	3.080%
15	10.942	1330	1337	1356	rVB	849786	1600358	40.93%	3.233%
16	11.864	1492	1494	1500	rVB5	4497	6966	0.18%	0.014%
17	11.947	1506	1508	1515	rVV3	4111	5635	0.14%	0.011%
18	12.217	1550	1554	1560	rVB6	4371	6412	0.16%	0.013%
19	12.317	1564	1571	1578	rBV2	64827	120058	3.07%	0.243%
20	12.393	1578	1584	1592	rVB5	18610	34633	0.89%	0.070%
21	12.611	1614	1621	1623	rVB6	2703	5671	0.15%	0.011%
22	13.075	1699	1700	1709	rVB7	4585	5625	0.14%	0.011%
23	13.233	1722	1727	1730	rBV5	6101	9764	0.25%	0.020%
24	13.439	1755	1762	1767	rVB7	7474	13763	0.35%	0.028%
25	13.510	1771	1774	1781	rVV7	5846	10492	0.27%	0.021%
26	13.586	1786	1787	1796	rVB6	4931	10607	0.27%	0.021%
27	13.827	1825	1828	1835	rVB8	4385	6371	0.16%	0.013%
28	14.021	1853	1861	1866	rBV	1606651	2378436	60.83%	4.804%
29	14.068	1866	1869	1878	rVV	348755	472062	12.07%	0.954%
30	14.315	1901	1911	1921	rBV	2040587	3202847	81.91%	6.470%
31	14.508	1936	1944	1952	rVV2	37019	52695	1.35%	0.106%
32	14.620	1952	1963	1975	rVV2	1330264	2123448	54.31%	4.289%
33	14.837	1994	2000	2017	rBV	350944	880399	22.52%	1.778%
34	15.061	2036	2038	2043	rVB6	9053	11364	0.29%	0.023%

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35	15.125	2045	2049	2055	rVB6	13993	28286	0.72%	0.057%
36	15.190	2055	2060	2065	rBV5	12088	20367	0.52%	0.041%
37	15.349	2083	2087	2090	rVB6	5093	5548	0.14%	0.011%
38	15.401	2093	2096	2101	rBV2	13217	23013	0.59%	0.046%
39	15.454	2101	2105	2110	rVB	75731	97748	2.50%	0.197%
40	15.519	2110	2116	2120	rBV5	6596	12240	0.31%	0.025%
41	15.607	2124	2131	2143	rVV	2422377	3778742	96.64%	7.633%
42	15.731	2145	2152	2166	rBV	620930	934340	23.90%	1.887%
43	15.848	2166	2172	2178	rBV4	50466	99267	2.54%	0.201%
44	15.901	2178	2181	2184	rVV5	5372	6491	0.17%	0.013%
45	15.954	2186	2190	2195	rVB7	12215	21386	0.55%	0.043%
46	16.007	2195	2199	2205	rBV8	14591	23281	0.60%	0.047%
47	16.071	2207	2210	2214	rVB4	13775	17170	0.44%	0.035%
48	16.312	2240	2251	2261	rBV	96636	174416	4.46%	0.352%
49	16.565	2289	2294	2296	rBV6	6896	11769	0.30%	0.024%
50	16.653	2304	2309	2313	rBV8	16476	26515	0.68%	0.054%
51	16.718	2317	2320	2323	rVB4	10581	13173	0.34%	0.027%
52	16.770	2323	2329	2333	rBV9	10344	21155	0.54%	0.043%
53	16.817	2333	2337	2342	rVB7	10058	15474	0.40%	0.031%
54	16.888	2346	2349	2352	rBV5	8388	10416	0.27%	0.021%
55	17.099	2379	2385	2390	rBV	56730	73849	1.89%	0.149%
56	17.152	2390	2394	2406	rVB6	25518	47015	1.20%	0.095%
57	17.252	2406	2411	2420	rVB10	9538	20610	0.53%	0.042%
58	17.358	2420	2429	2439	rBV2	1472595	2204800	56.39%	4.454%
59	17.458	2439	2446	2461	rVB	2465611	3688817	94.34%	7.451%
60	17.570	2462	2465	2470	rVB7	3962	5558	0.14%	0.011%
61	17.628	2472	2475	2483	rVB9	6589	12699	0.32%	0.026%
62	17.752	2491	2496	2502	rBV10	6830	16394	0.42%	0.033%
63	17.834	2503	2510	2514	rBV4	25555	39180	1.00%	0.079%
64	18.016	2537	2541	2545	rVB7	7679	12276	0.31%	0.025%
65	18.087	2549	2553	2556	rBV6	4954	7154	0.18%	0.014%
66	18.122	2556	2559	2563	rVB6	6369	11153	0.29%	0.023%
67	18.233	2572	2578	2587	rBV	213631	361553	9.25%	0.730%
68	18.298	2587	2589	2601	rVB	27385	60885	1.56%	0.123%
69	18.533	2623	2629	2634	rVB7	8689	16795	0.43%	0.034%
70	18.586	2634	2638	2643	rBV8	9462	18869	0.48%	0.038%
71	18.657	2644	2650	2656	rVV3	83006	99158	2.54%	0.200%

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72	18.821	2677	2678	2683	rBV5	5374	7665	0.20%	0.015%
73	18.892	2688	2690	2695	rVB5	5697	8652	0.22%	0.017%
74	19.009	2709	2710	2715	rBV5	5529	9065	0.23%	0.018%
75	19.150	2730	2734	2742	rBV10	12579	28959	0.74%	0.058%
76	19.373	2767	2772	2781	rBV	35753	72937	1.87%	0.147%
77	19.503	2787	2794	2805	rBV5	59870	156436	4.00%	0.316%
78	19.626	2805	2815	2822	rVV3	39980	120489	3.08%	0.243%
79	19.738	2824	2834	2849	rBV2	2627792	3910038	100.00%	7.898%
80	19.920	2858	2865	2869	rBV10	15740	41353	1.06%	0.084%
81	20.037	2879	2885	2886	rBV6	9829	17851	0.46%	0.036%
82	20.184	2905	2910	2918	rBV10	32036	76643	1.96%	0.155%
83	20.255	2919	2922	2926	rVB6	17211	19720	0.50%	0.040%
84	20.572	2972	2976	2978	rBV5	11820	16607	0.42%	0.034%
85	20.689	2993	2996	2998	rBV4	8783	11500	0.29%	0.023%
86	20.748	3003	3006	3009	rVB4	15388	15524	0.40%	0.031%
87	20.860	3023	3025	3032	rBV7	12322	19396	0.50%	0.039%
88	21.242	3087	3090	3095	rVB6	19601	31647	0.81%	0.064%
89	21.400	3107	3117	3128	rBV6	33492	147437	3.77%	0.298%
90	21.600	3144	3151	3162	rVB	1387985	2264930	57.93%	4.575%
91	21.747	3172	3176	3177	rBV3	17684	22584	0.58%	0.046%
92	22.370	3277	3282	3287	rBV5	33442	73481	1.88%	0.148%
93	22.511	3287	3306	3319	rVV5	76991	522253	13.36%	1.055%
94	23.045	3394	3397	3404	rVB2	41504	74177	1.90%	0.150%
95	23.833	3524	3531	3538	rBV2	72317	149721	3.83%	0.302%
96	24.550	3642	3653	3670	rVB2	1381016	3817095	97.62%	7.711%
97	24.767	3679	3690	3709	rVB2	900734	2573644	65.82%	5.199%
98	25.848	3867	3874	3884	rBV4	89896	234435	6.00%	0.474%
99	27.164	4089	4098	4109	rVB3	77119	275191	7.04%	0.556%
100	28.762	4359	4370	4381	rVB5	57556	235720	6.03%	0.476%

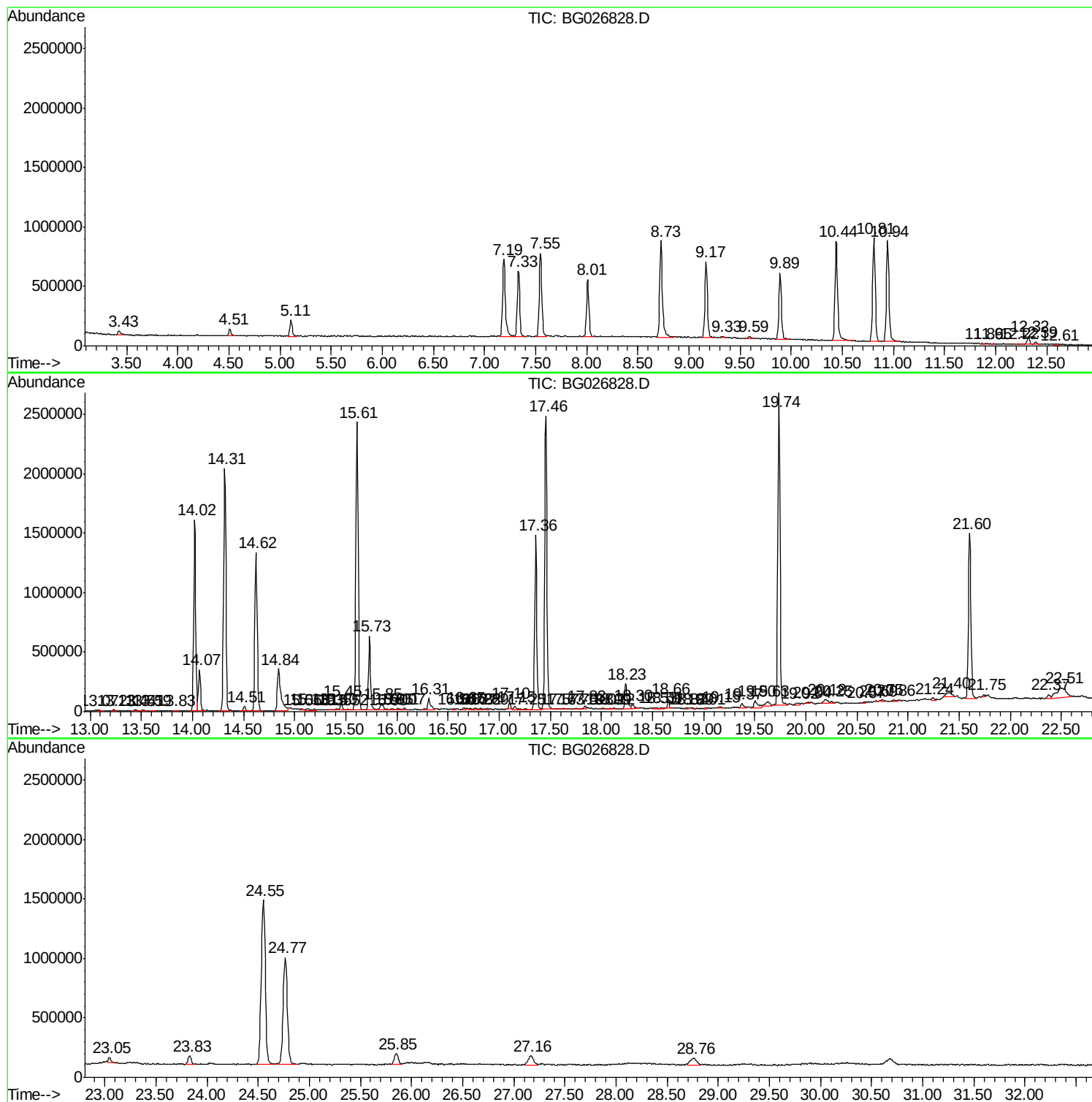
Sum of corrected areas: 49504952

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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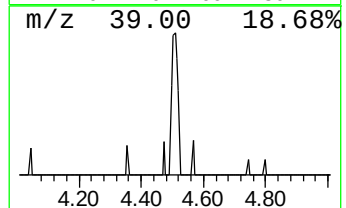
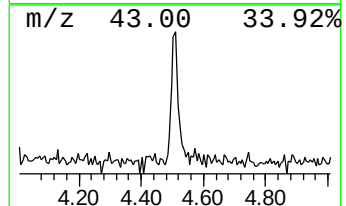
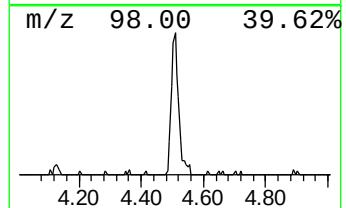
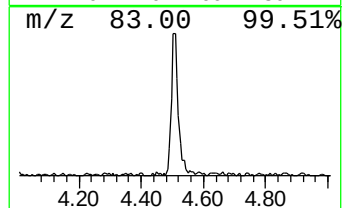
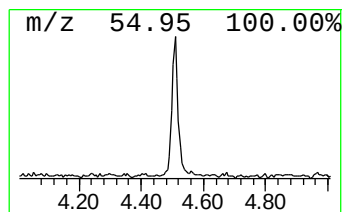
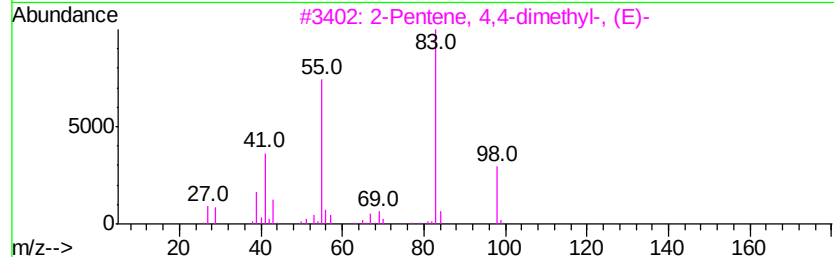
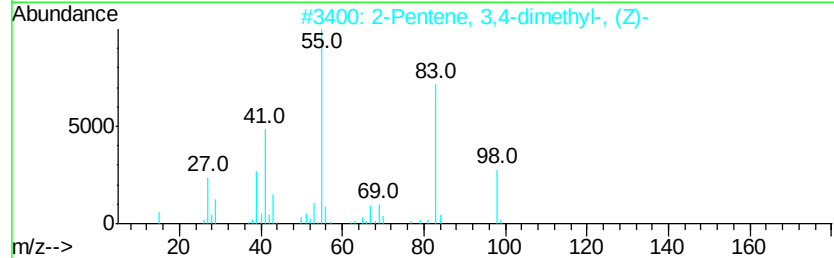
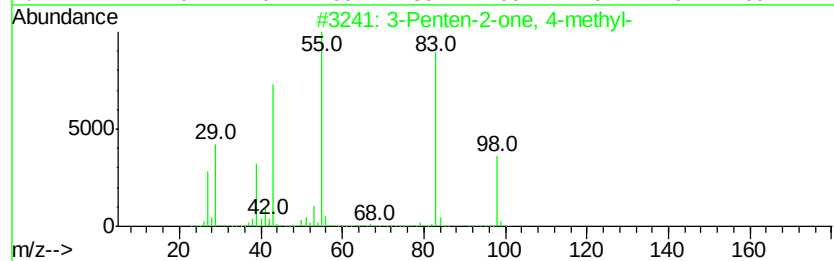
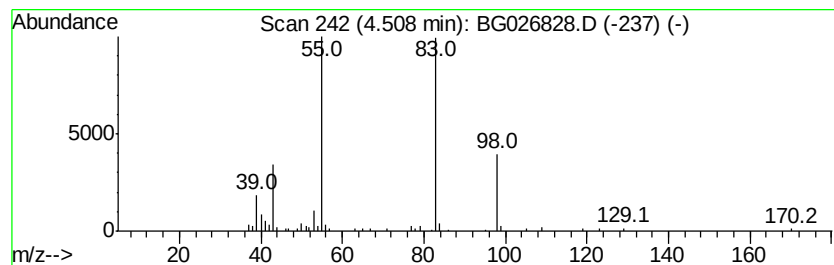
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	2.10 ng/ul	87136	1,4-Dichlorobenzene-d4	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
3			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	78
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5			2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72



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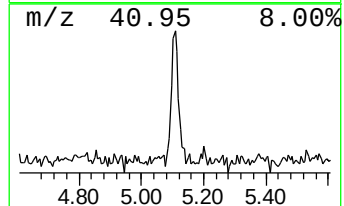
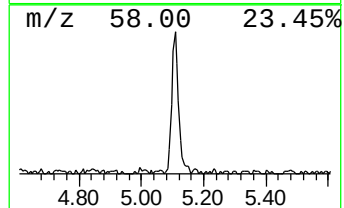
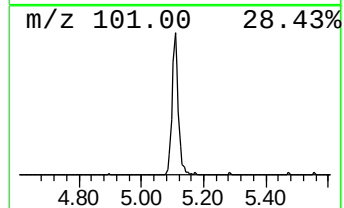
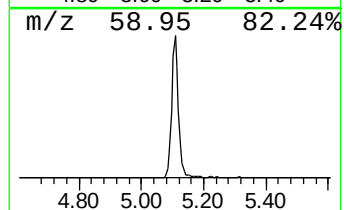
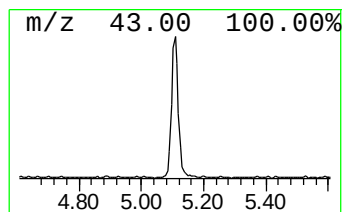
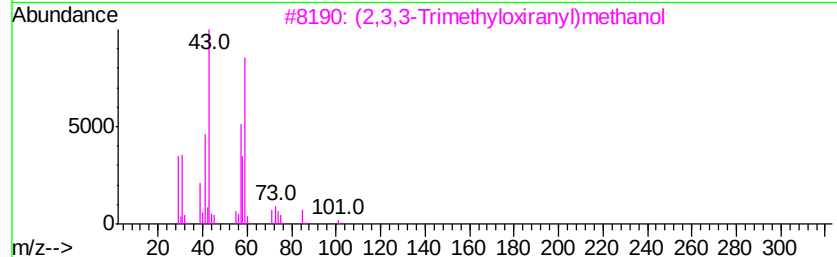
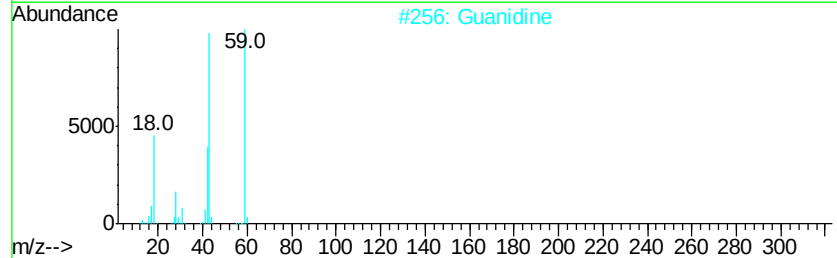
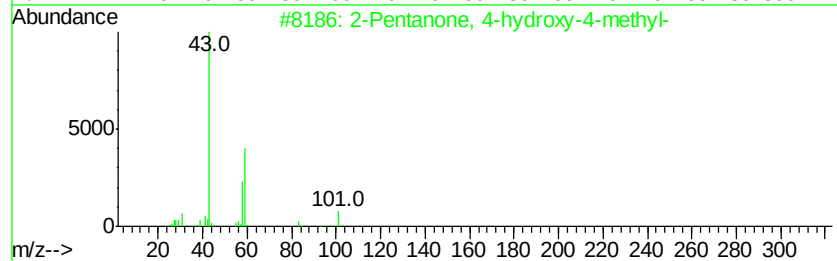
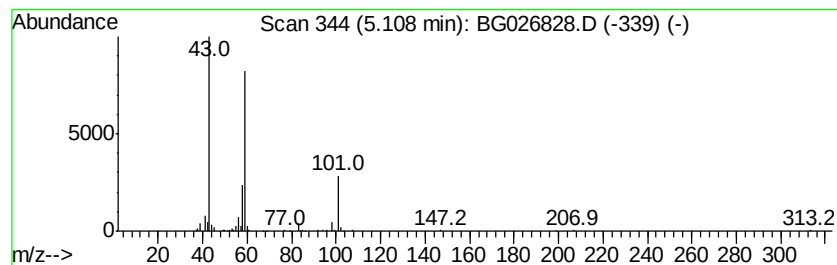
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	5.14 ng/ul	212997	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Guanidine	59	CH5N3	000113-00-8	47
3		(2,3,3-Trimethyloxiran-yl)methanol	116	C6H12O2	1000306-64-7	39
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	37



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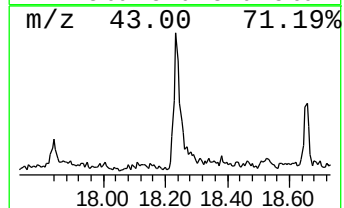
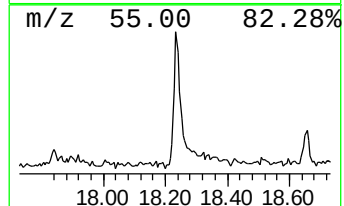
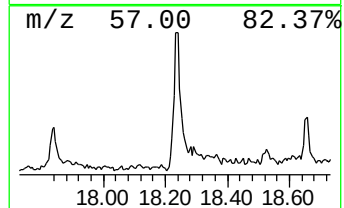
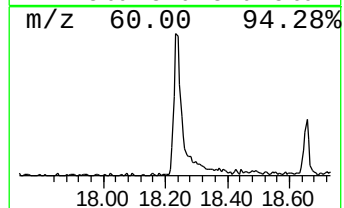
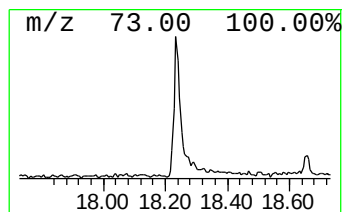
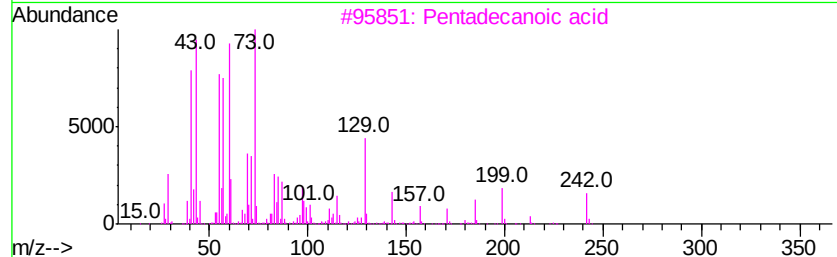
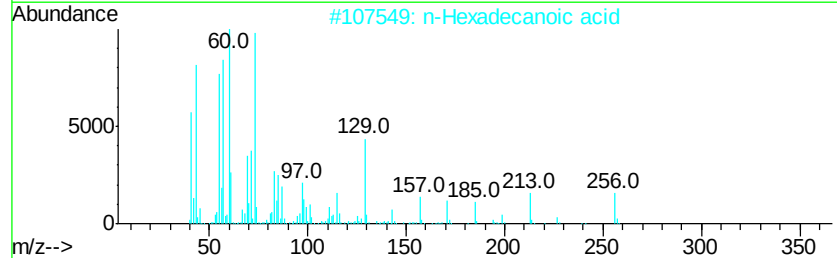
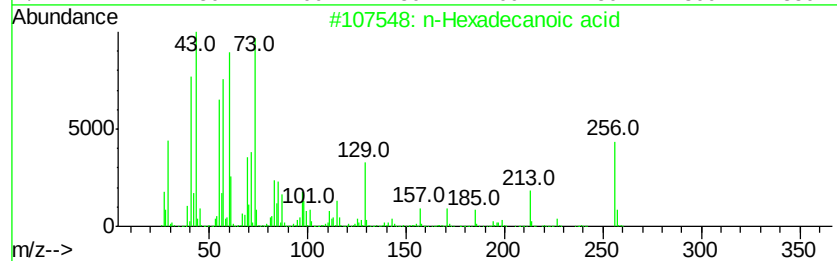
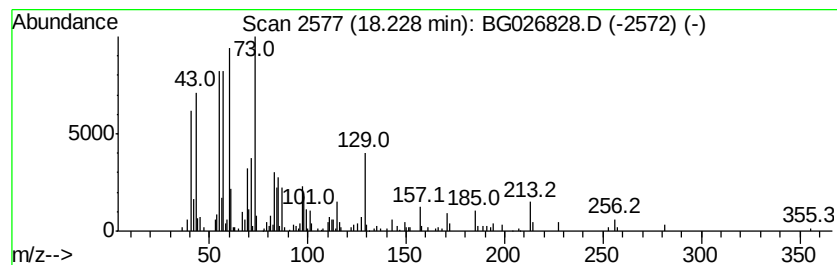
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.23	3.28 ng/ul	361553	Phenanthrene-d10		17.36		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026828.D
Acq On : 2 May 2017 5:02
Operator : SJ/MA
Sample : I2850-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

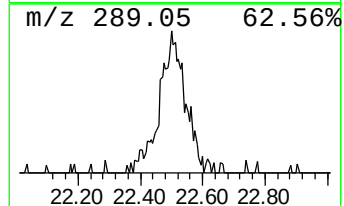
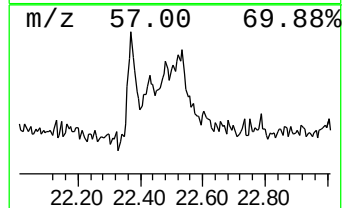
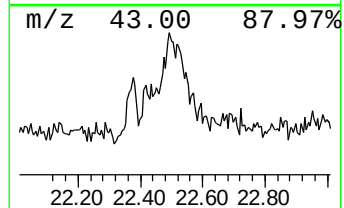
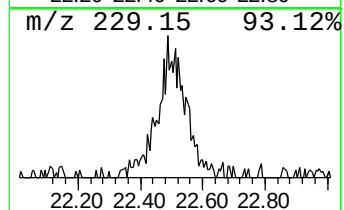
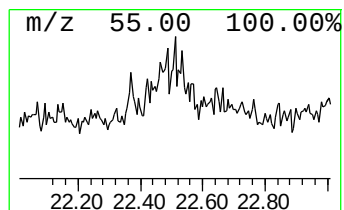
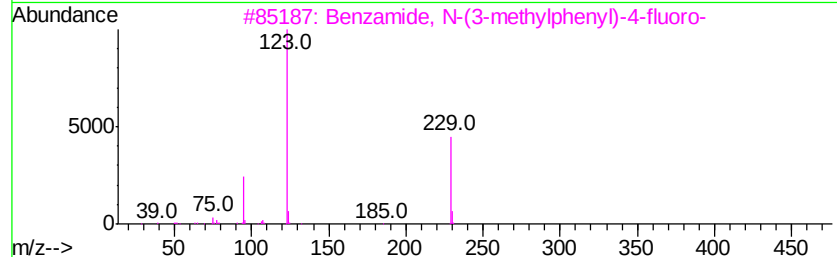
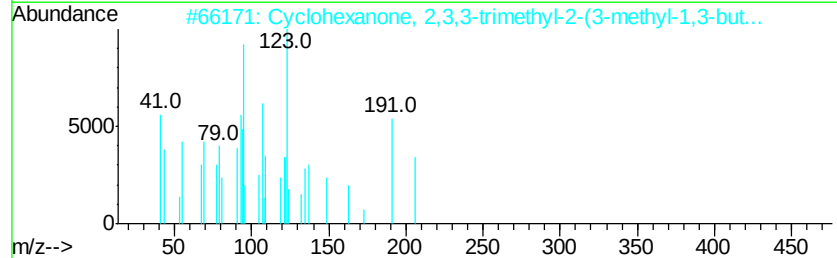
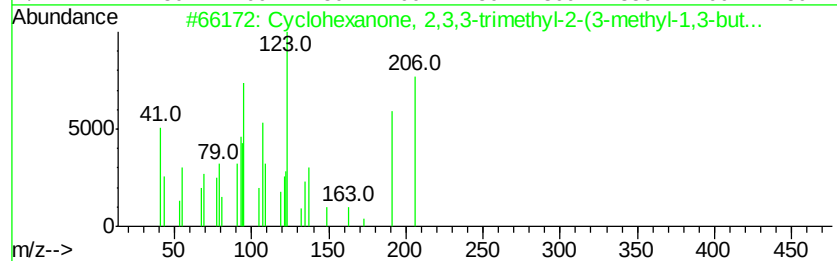
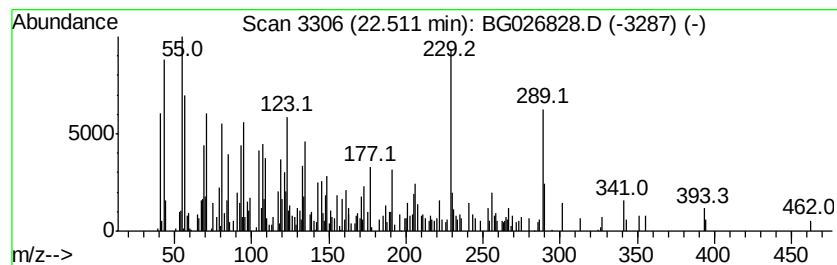
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclohexanone, 2,3,3-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.51	4.61 ng/ul	522253	Chrysene-d12	21.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	56
2		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	42
3		Benzamide, N-(3-methylphenyl)-4-...	229	C14H12FNO	1000307-10-2	35
4		Benzamide, N-(3-methylphenyl)-3-...	229	C14H12FNO	1000307-16-4	35
5		2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026828.D
Acq On : 2 May 2017 5:02
Operator : SJ/MA
Sample : I2850-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSY8

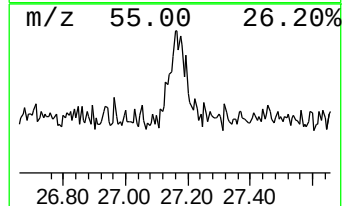
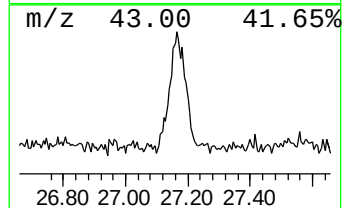
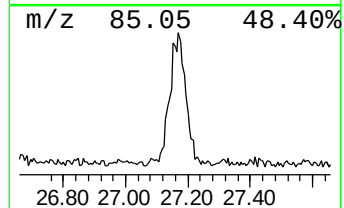
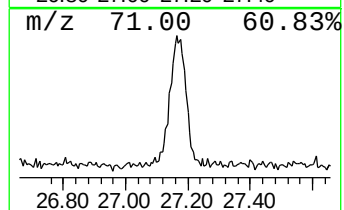
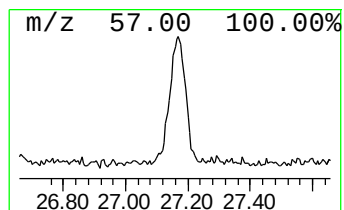
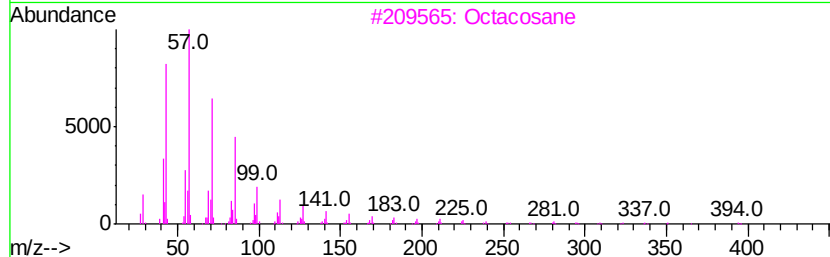
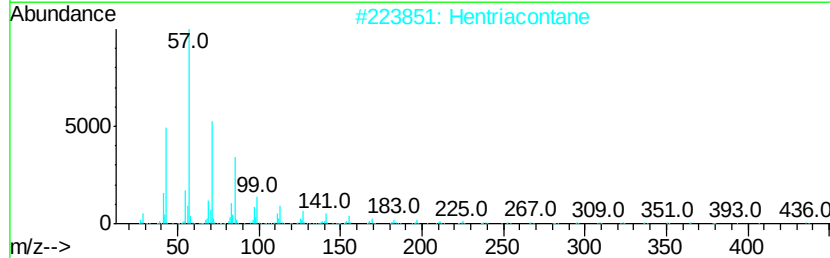
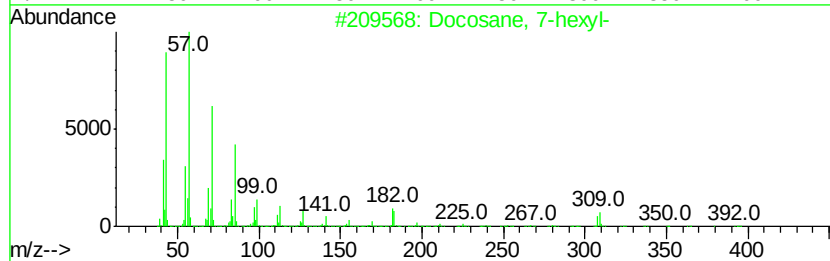
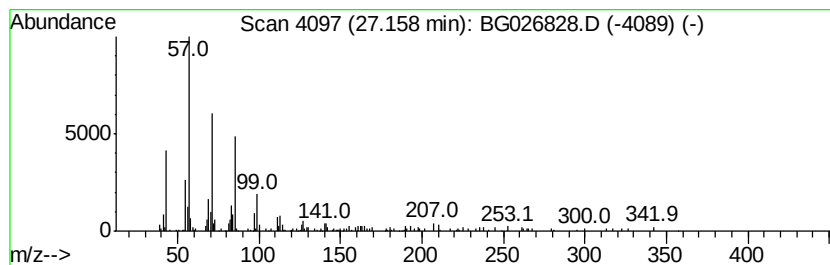
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.14 ng/ul	275191	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane	380	C27H56	000593-49-7	90



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Operator : SJ/MA
Sample : I2850-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSY8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
3-Penten-2-one, 4...	4.51	2.1	ng/ul	87136	1	8.01	828867	20.0
2-Pentanone, 4-hy...	5.11	5.1	ng/ul	212997	1	8.01	828867	20.0
n-Hexadecanoic acid	18.23	3.3	ng/ul	361553	4	17.36	2204800	20.0
Cyclohexanone, 2,...	22.51	4.6	ng/ul	522253	5	21.60	2264930	20.0
(DEL) Alkane: Str...	27.16	2.1	ng/ul	275191	6	24.77	2573640	20.0