

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020328.D
 Acq On : 20 Dec 2015 1:37
 Operator : UM/SJ
 Sample : G4866-10
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43M2

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-BG121415.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	3.114	42	47	55	rBV	21950	42447	5.24%	0.528%
2	3.191	56	60	70	rVB	14088	21042	2.60%	0.262%
3	3.467	102	107	111	rVB	3925	6078	0.75%	0.076%
4	5.165	388	396	399	rBV4	1174	2215	0.27%	0.028%
5	7.239	742	749	759	rVB	84208	142568	17.60%	1.772%
6	7.409	771	778	787	rVB	65138	105147	12.98%	1.307%
7	7.615	806	813	821	rBV	84650	140959	17.41%	1.752%
8	8.091	887	894	901	rBB	68722	113999	14.08%	1.417%
9	8.790	1006	1013	1021	rBB	105676	176314	21.77%	2.192%
10	9.254	1085	1092	1100	rBV	85141	148113	18.29%	1.841%
11	9.366	1106	1111	1115	rBB	962	1403	0.17%	0.017%
12	9.983	1209	1216	1224	rBV	76999	132983	16.42%	1.653%
13	10.517	1300	1307	1316	rVB	119163	208403	25.73%	2.591%
14	10.905	1366	1373	1380	rBV	100544	177356	21.90%	2.205%
15	11.035	1388	1395	1406	rBV	108099	191129	23.60%	2.376%
16	12.486	1638	1642	1645	rBB2	1450	2147	0.27%	0.027%
17	13.532	1816	1820	1823	rBV	1739	1725	0.21%	0.021%
18	14.119	1914	1920	1924	rBV	247645	349691	43.18%	4.347%
19	14.166	1924	1928	1936	rVB	88896	123410	15.24%	1.534%
20	14.419	1964	1971	1978	rBV	253304	407425	50.31%	5.065%
21	14.601	1998	2002	2007	rBV2	7603	9551	1.18%	0.119%
22	14.724	2016	2023	2030	rVB2	174399	282973	34.94%	3.518%
23	14.906	2048	2054	2069	rBV	97705	158400	19.56%	1.969%
24	15.042	2073	2077	2084	rVB3	1674	3782	0.47%	0.047%
25	15.094	2084	2086	2087	rBV	1544	1393	0.17%	0.017%
26	15.159	2093	2097	2099	rVB2	1412	1556	0.19%	0.019%
27	15.212	2103	2106	2112	rBV2	2125	3219	0.40%	0.040%
28	15.282	2115	2118	2121	rBV3	1255	1319	0.16%	0.016%
29	15.547	2158	2163	2168	rBV2	13584	16978	2.10%	0.211%
30	15.606	2170	2173	2174	rBV	1137	1365	0.17%	0.017%
31	15.711	2182	2191	2198	rBV	359067	553565	68.35%	6.881%
32	15.823	2204	2210	2222	rVB	100945	152454	18.82%	1.895%
33	15.952	2225	2232	2236	rBV4	7266	13403	1.65%	0.167%
34	15.993	2236	2239	2242	rVV3	1327	1335	0.16%	0.017%

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35	16.052	2244	2249	2251	rVB3	1984	2617	0.32%	0.033%
36	16.105	2254	2258	2260	rBV3	1883	2728	0.34%	0.034%
37	16.181	2265	2271	2276	rVB3	8615	12411	1.53%	0.154%
38	16.405	2305	2309	2312	rBV	15064	20412	2.52%	0.254%
39	16.587	2336	2340	2343	rVB2	1371	1742	0.22%	0.022%
40	16.751	2364	2368	2372	rBV4	2094	3106	0.38%	0.039%
41	16.839	2377	2383	2391	rVB6	3436	7299	0.90%	0.091%
42	16.916	2391	2396	2399	rBV2	1822	1996	0.25%	0.025%
43	16.980	2403	2407	2410	rBV2	1271	1498	0.18%	0.019%
44	17.204	2439	2445	2449	rBV2	7155	10209	1.26%	0.127%
45	17.251	2449	2453	2460	rBV3	2390	3575	0.44%	0.044%
46	17.339	2464	2468	2470	rBV3	3627	4653	0.57%	0.058%
47	17.404	2473	2479	2483	rVB3	2251	2515	0.31%	0.031%
48	17.468	2483	2490	2495	rBV2	231294	363707	44.91%	4.521%
49	17.562	2500	2506	2518	rVB	411206	643750	79.49%	8.003%
50	17.938	2566	2570	2575	rBV2	2020	2640	0.33%	0.033%
51	18.208	2611	2616	2624	rBV2	7455	12746	1.57%	0.158%
52	18.273	2624	2627	2633	rBV3	5811	8272	1.02%	0.103%
53	18.338	2633	2638	2649	rBV2	69887	103161	12.74%	1.282%
54	18.549	2669	2674	2677	rVB2	1175	2039	0.25%	0.025%
55	18.637	2685	2689	2692	rVB2	2222	2941	0.36%	0.037%
56	18.761	2707	2710	2714	rVB3	4092	5131	0.63%	0.064%
57	18.996	2747	2750	2754	rBV3	1223	2213	0.27%	0.028%
58	19.190	2779	2783	2784	rBV	1688	2165	0.27%	0.027%
59	19.243	2790	2792	2795	rVB3	1926	2164	0.27%	0.027%
60	19.483	2825	2833	2835	rBV2	9840	16357	2.02%	0.203%
61	19.507	2835	2837	2843	rVB	14523	20208	2.50%	0.251%
62	19.601	2848	2853	2864	rBV2	15079	23134	2.86%	0.288%
63	19.736	2872	2876	2884	rVB3	4254	8582	1.06%	0.107%
64	19.848	2888	2895	2907	rVB	559839	800665	98.86%	9.953%
65	20.324	2974	2976	2980	rBV3	1757	2460	0.30%	0.031%
66	20.359	2980	2982	2987	rVB3	3472	3959	0.49%	0.049%
67	20.741	3042	3047	3050	rBV	5226	7486	0.92%	0.093%
68	20.788	3053	3055	3058	rVB3	3501	3704	0.46%	0.046%
69	21.317	3143	3145	3147	rBV2	2007	2072	0.26%	0.026%
70	21.358	3147	3152	3165	rVV	75557	124374	15.36%	1.546%
71	21.740	3210	3217	3223	rBV	294348	486948	60.13%	6.053%

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72	22.080	3273	3275	3276	rBV3	2276	1326	0.16%	0.016%
73	22.539	3348	3353	3359	rBV6	6216	14812	1.83%	0.184%
74	23.109	3448	3450	3453	rBV3	1600	1770	0.22%	0.022%
75	23.226	3466	3470	3475	rBV5	8294	14347	1.77%	0.178%
76	23.426	3498	3504	3511	rVB	52707	98701	12.19%	1.227%
77	23.590	3525	3532	3537	rBV9	7909	19058	2.35%	0.237%
78	23.961	3591	3595	3602	rBV7	3951	8938	1.10%	0.111%
79	24.043	3604	3609	3616	rVB3	18065	35533	4.39%	0.442%
80	24.231	3639	3641	3642	rBV2	2258	1725	0.21%	0.021%
81	24.783	3725	3735	3748	rBV	300448	809866	100.00%	10.068%
82	25.006	3762	3773	3784	rBV3	179625	488781	60.35%	6.076%
83	25.541	3859	3864	3869	rBV5	3153	6580	0.81%	0.082%
84	25.964	3934	3936	3941	rVB5	2093	2409	0.30%	0.030%
85	26.158	3960	3969	3981	rVB3	21095	66360	8.19%	0.825%
86	28.720	4403	4405	4408	rBV3	2411	2527	0.31%	0.031%
87	29.190	4477	4485	4498	rVB8	13199	47641	5.88%	0.592%
88	29.589	4551	4553	4554	rBV	2289	1377	0.17%	0.017%
89	32.263	5006	5008	5009	rBV2	1646	1101	0.14%	0.014%

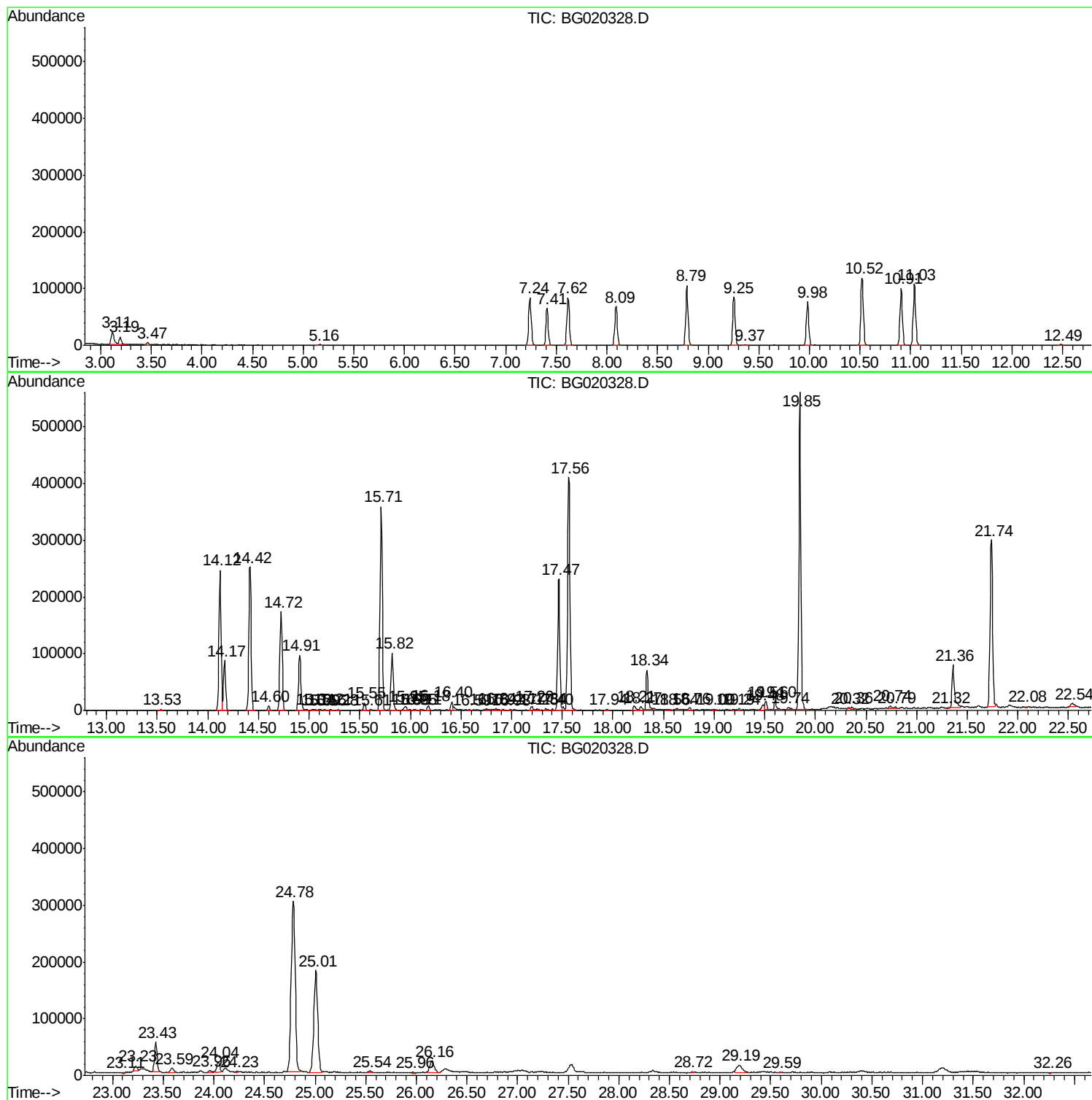
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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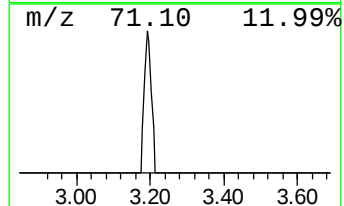
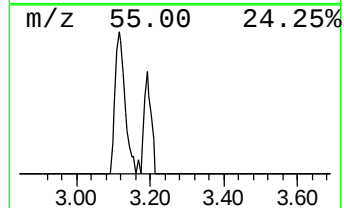
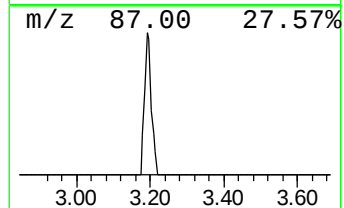
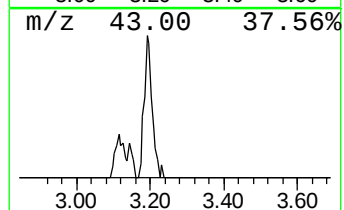
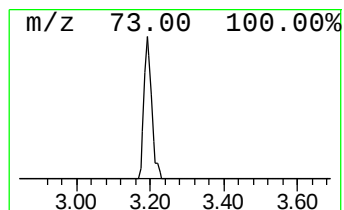
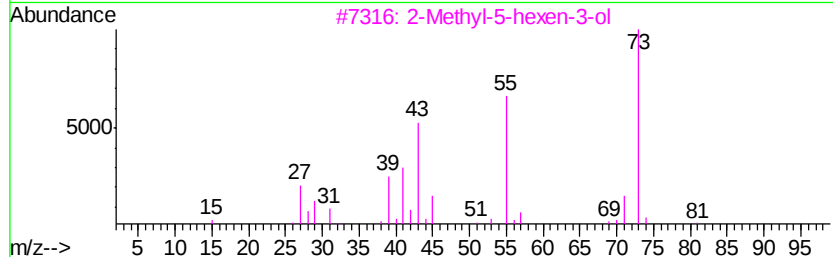
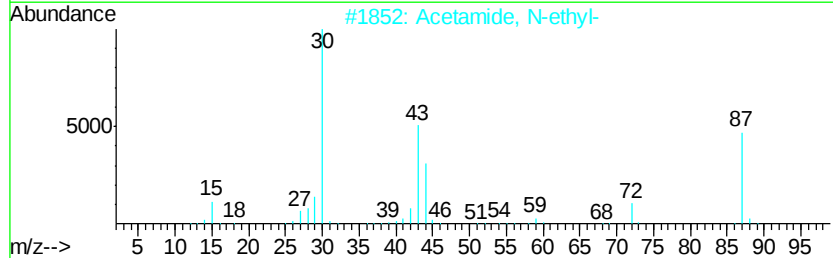
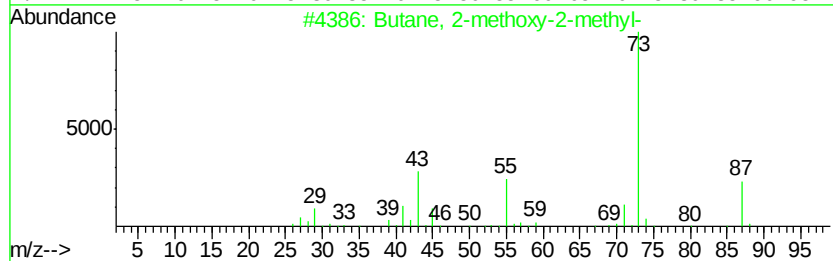
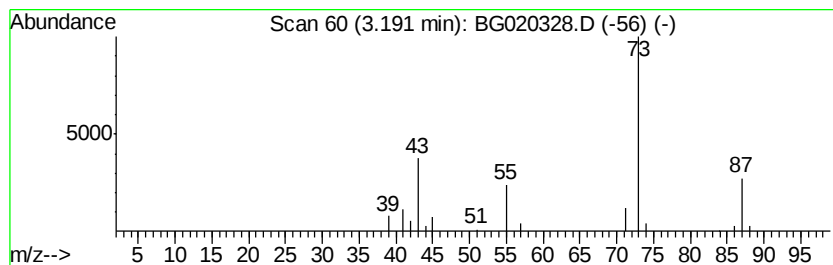
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	3.69 ng/ul	21042	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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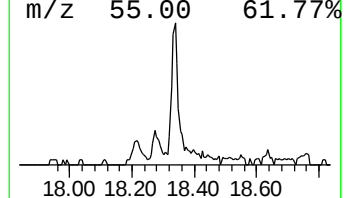
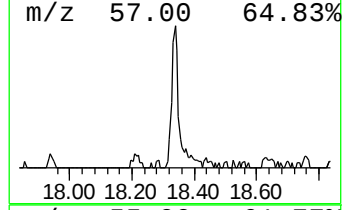
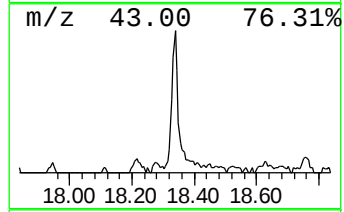
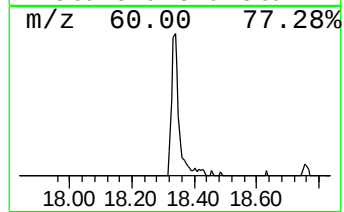
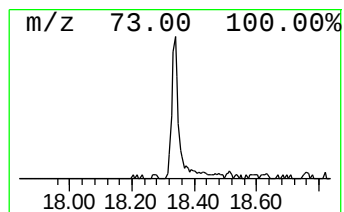
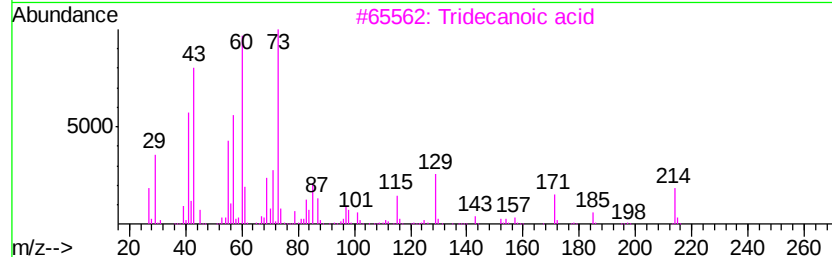
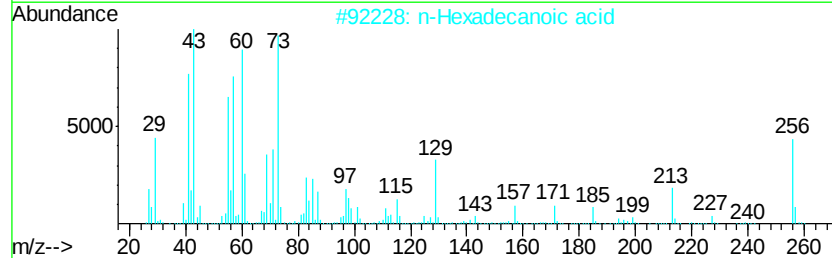
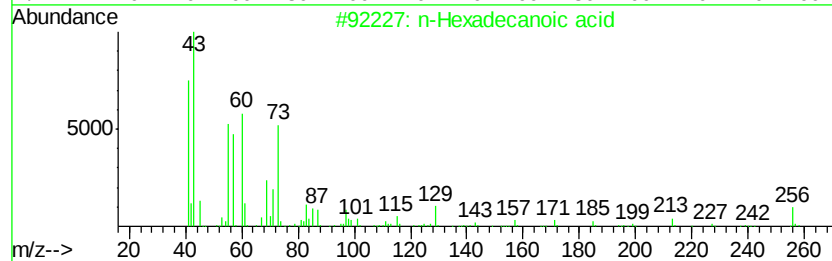
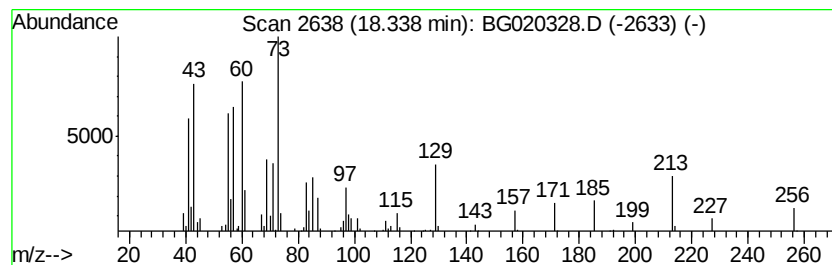
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.34	5.67 ng/ul	103161	Phenanthrene-d10	17.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81



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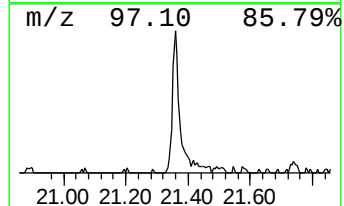
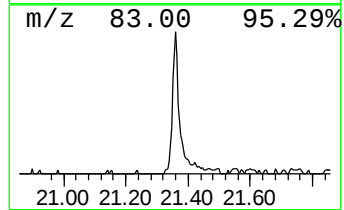
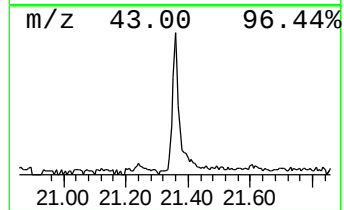
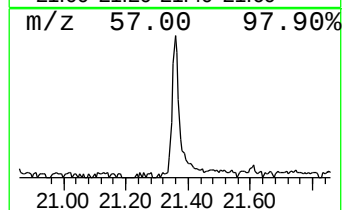
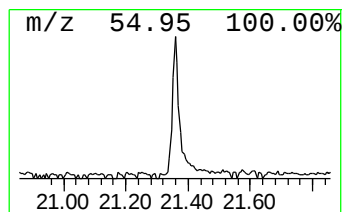
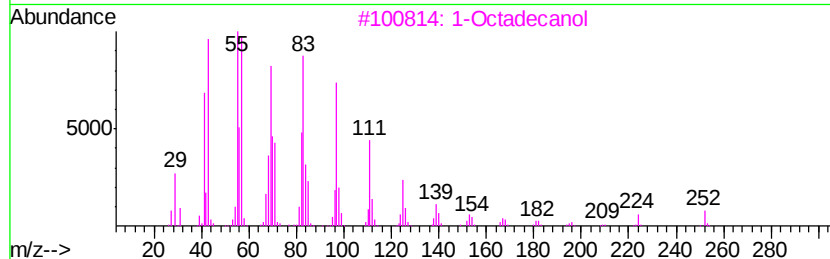
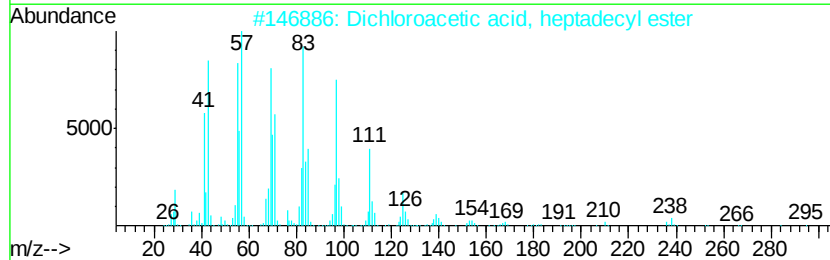
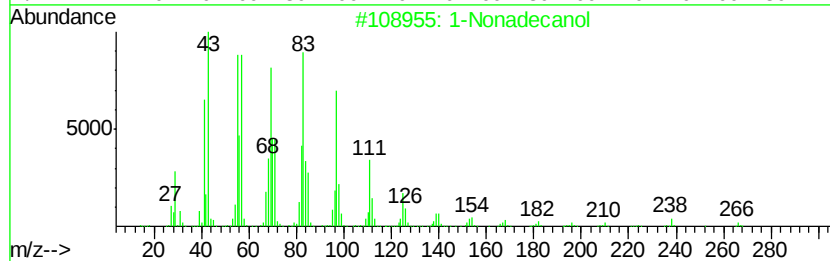
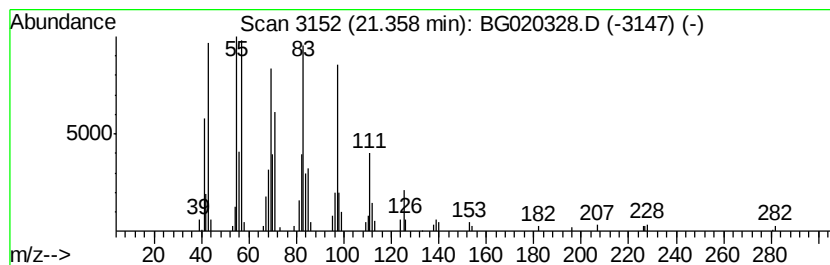
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Nonadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	5.11 ng/ul	124374	Chrysene-d12	21.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol		284	C19H40O	001454-84-8	94
2	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	93
3	1-Octadecanol		270	C18H38O	000112-92-5	91
4	Trifluoroacetic acid, n-octadecyl...		366	C20H37F3O2	079392-43-1	91
5	Trifluoroacetic acid, n-heptadecyl...		324	C17H31F3O2	1000216-79-2	91



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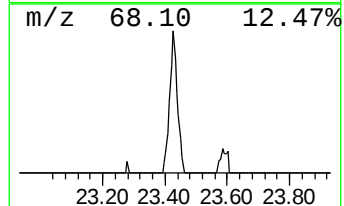
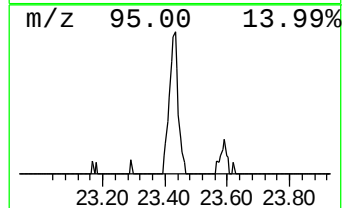
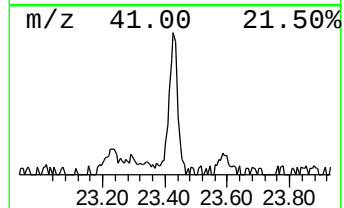
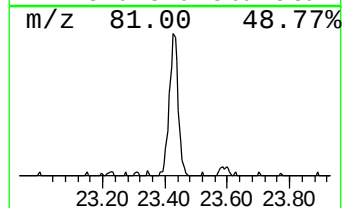
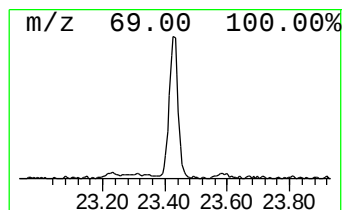
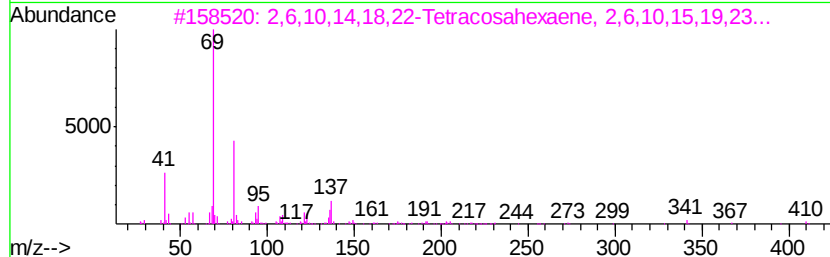
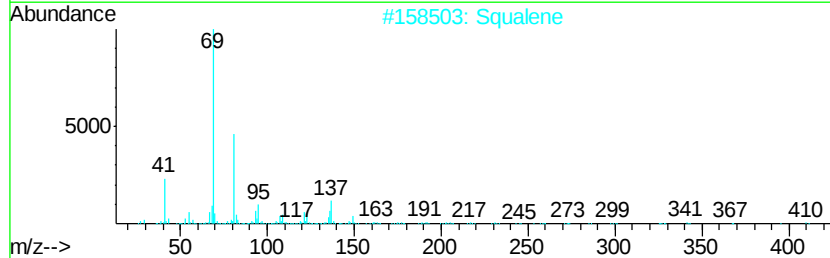
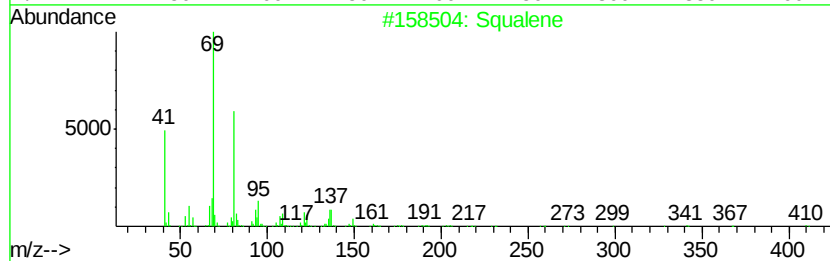
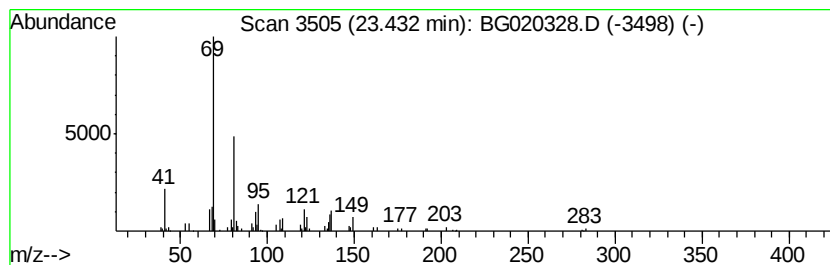
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	4.04 ng/ul	98701	Perylene-d12	25.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	90
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78
5		.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020328.D
Acq On : 20 Dec 2015 1:37
Operator : UM/SJ
Sample : G4866-10
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43M2

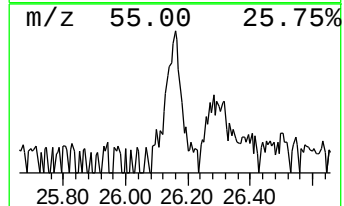
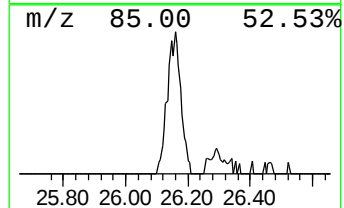
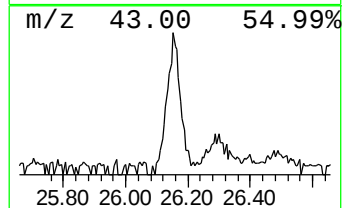
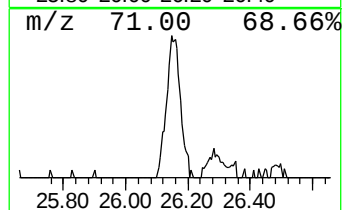
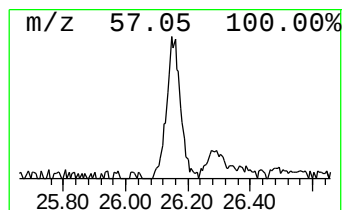
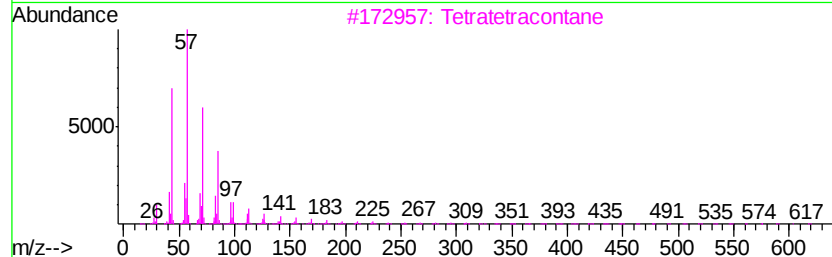
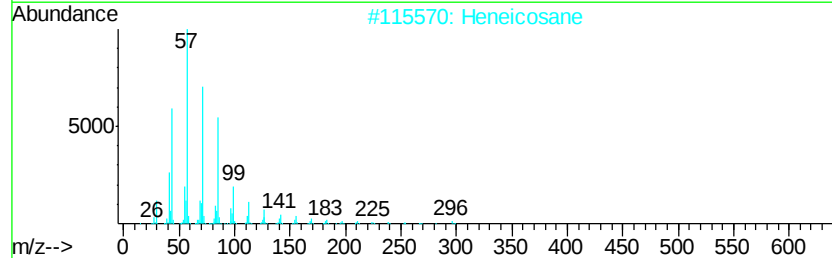
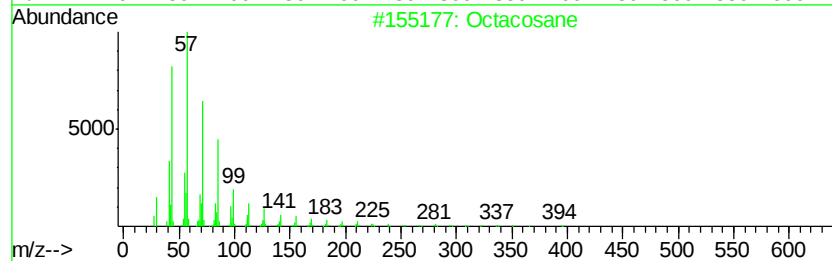
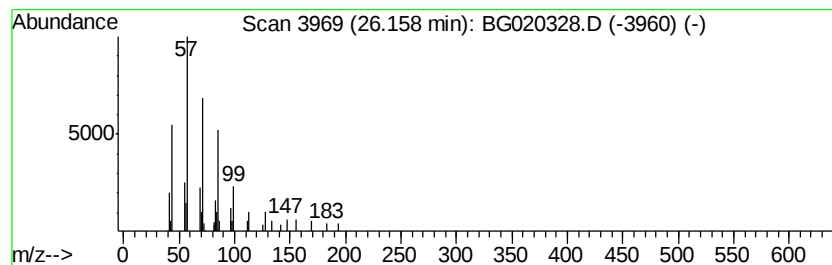
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
26.16	2.72 ng/ul	66360	Perylene-d12	25.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020328.D
Acq On : 20 Dec 2015 1:37
Operator : UM/SJ
Sample : G4866-10
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43M2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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...	3.19	3.7	ng/ul	21042	1	8.09	113999	20.0
n-Hexadecanoic acid	18.34	5.7	ng/ul	103161	4	17.47	363707	20.0
1-Nonadecanol	21.36	5.1	ng/ul	124374	5	21.74	486948	20.0
Squalene	23.43	4.0	ng/ul	98701	6	25.01	488781	20.0
(DEL) Alkane: Str...	26.16	2.7	ng/ul	66360	6	25.01	488781	20.0