

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
 Data File : BG019061.D
 Acq On : 7 Oct 2015 1:01
 Operator : UM/NP
 Sample : G3865-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY4

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	3.159	49	54	62	rBV	31710	58013	6.74%	0.707%
2	3.229	62	66	75	rVV	61717	89301	10.37%	1.088%
3	3.329	82	83	90	rVB5	1524	2046	0.24%	0.025%
4	3.488	106	110	115	rBV	4511	6443	0.75%	0.078%
5	3.758	152	156	167	rVB2	3385	5229	0.61%	0.064%
6	5.156	386	394	397	rBV5	1076	2451	0.28%	0.030%
7	5.244	405	409	413	rBV3	3177	4226	0.49%	0.051%
8	5.685	481	484	490	rVB3	1425	2103	0.24%	0.026%
9	6.061	544	548	552	rBV3	2417	3722	0.43%	0.045%
10	7.201	735	742	752	rVB	74032	126787	14.73%	1.544%
11	7.365	762	770	777	rBV	69836	109905	12.77%	1.339%
12	7.577	798	806	813	rBV	78874	132362	15.37%	1.612%
13	7.694	818	826	830	rVB3	1541	3137	0.36%	0.038%
14	8.041	880	885	892	rVV	62633	102632	11.92%	1.250%
15	8.100	892	895	900	rVB3	2404	3390	0.39%	0.041%
16	8.182	900	909	914	rVB4	3776	8094	0.94%	0.099%
17	8.746	997	1005	1013	rBV	81163	132747	15.42%	1.617%
18	9.199	1074	1082	1090	rVV	85761	153422	17.82%	1.869%
19	9.281	1090	1096	1099	rVB4	1718	3163	0.37%	0.039%
20	9.328	1099	1104	1108	rBV4	3178	6550	0.76%	0.080%
21	9.927	1198	1206	1213	rBV	74058	132488	15.39%	1.614%
22	10.468	1290	1298	1305	rBV	110661	193610	22.49%	2.358%
23	10.620	1318	1324	1326	rBV3	2054	3360	0.39%	0.041%
24	10.850	1353	1363	1369	rBV	95319	170780	19.84%	2.080%
25	10.979	1379	1385	1395	rVB	84233	154494	17.95%	1.882%
26	12.260	1601	1603	1607	rBV2	1893	2028	0.24%	0.025%
27	12.501	1639	1644	1650	rVB2	6033	9646	1.12%	0.118%
28	12.718	1675	1681	1686	rBV2	5154	8140	0.95%	0.099%
29	13.029	1730	1734	1739	rBV3	3599	5517	0.64%	0.067%
30	13.211	1762	1765	1770	rVB5	2013	2597	0.30%	0.032%
31	13.276	1773	1776	1782	rVB3	4724	6769	0.79%	0.082%
32	13.499	1808	1814	1817	rVB3	2494	3431	0.40%	0.042%
33	13.881	1876	1879	1884	rVB3	2433	3347	0.39%	0.041%
34	13.987	1893	1897	1902	rBV5	4461	7866	0.91%	0.096%

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35	14.075	1902	1912	1916	rBV	250870	360316	41.85%	4.389%
36	14.122	1916	1920	1925	rVB	142536	200818	23.33%	2.446%
37	14.228	1930	1938	1942	rVV5	4624	7743	0.90%	0.094%
38	14.310	1947	1952	1954	rVV3	1628	2334	0.27%	0.028%
39	14.363	1954	1961	1973	rVB	272583	420310	48.82%	5.120%
40	14.563	1988	1995	2001	rBV	6096	8895	1.03%	0.108%
41	14.669	2006	2013	2022	rBV2	163480	266761	30.99%	3.250%
42	14.857	2039	2045	2051	rBV	96827	150919	17.53%	1.838%
43	14.956	2059	2062	2067	rVB3	3591	4569	0.53%	0.056%
44	15.074	2076	2082	2084	rBV4	4671	6996	0.81%	0.085%
45	15.186	2097	2101	2104	rBV3	2079	2911	0.34%	0.035%
46	15.221	2104	2107	2111	rVV2	2403	3169	0.37%	0.039%
47	15.462	2144	2148	2153	rVV4	6894	11697	1.36%	0.142%
48	15.515	2153	2157	2164	rVB	13729	17020	1.98%	0.207%
49	15.662	2176	2182	2188	rBV	377052	564076	65.52%	6.871%
50	15.703	2188	2189	2194	rVB3	2288	2422	0.28%	0.030%
51	15.767	2194	2200	2208	rBV	106939	156602	18.19%	1.908%
52	15.902	2218	2223	2224	rBV2	5722	7118	0.83%	0.087%
53	16.014	2240	2242	2248	rVB4	2563	3733	0.43%	0.045%
54	16.067	2248	2251	2258	rVB5	2728	5194	0.60%	0.063%
55	16.143	2258	2264	2265	rBV3	2725	4108	0.48%	0.050%
56	16.378	2300	2304	2306	rBV	18669	25047	2.91%	0.305%
57	16.402	2306	2308	2314	rVB	20659	25949	3.01%	0.316%
58	16.549	2329	2333	2340	rVV7	4913	8553	0.99%	0.104%
59	16.713	2358	2361	2366	rVV6	2626	4522	0.53%	0.055%
60	16.778	2368	2372	2376	rVV5	1894	3524	0.41%	0.043%
61	16.901	2387	2393	2397	rBV6	4147	7681	0.89%	0.094%
62	16.954	2399	2402	2405	rVV4	6927	10157	1.18%	0.124%
63	16.978	2405	2406	2410	rVV3	2597	2949	0.34%	0.036%
64	17.031	2410	2415	2418	rVV6	1641	2618	0.30%	0.032%
65	17.060	2418	2420	2424	rVB5	2515	2403	0.28%	0.029%
66	17.125	2429	2431	2434	rBV2	1851	2395	0.28%	0.029%
67	17.172	2434	2439	2444	rVV2	17828	26538	3.08%	0.323%
68	17.224	2445	2448	2453	rVB2	7068	10082	1.17%	0.123%
69	17.412	2474	2480	2486	rBV2	239415	376893	43.78%	4.591%
70	17.512	2491	2497	2505	rVV	444538	673607	78.24%	8.205%
71	17.700	2525	2529	2530	rBV3	2873	3002	0.35%	0.037%

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72	17.788	2539	2544	2550	rBV4	13177	21609	2.51%	0.263%
73	17.912	2561	2565	2568	rVB	17497	19287	2.24%	0.235%
74	18.023	2582	2584	2588	rBV4	2712	3674	0.43%	0.045%
75	18.188	2608	2612	2614	rVV5	3044	3546	0.41%	0.043%
76	18.305	2628	2632	2642	rBV2	51966	78488	9.12%	0.956%
77	18.458	2655	2658	2659	rBV3	2033	2215	0.26%	0.027%
78	18.605	2679	2683	2686	rBV2	12035	14908	1.73%	0.182%
79	18.734	2704	2705	2709	rVB4	3213	3272	0.38%	0.040%
80	18.993	2746	2749	2753	rBV5	4753	5704	0.66%	0.069%
81	19.157	2773	2777	2782	rBV8	7997	12808	1.49%	0.156%
82	19.228	2786	2789	2792	rVB	12188	13022	1.51%	0.159%
83	19.439	2821	2825	2826	rVV3	6554	8768	1.02%	0.107%
84	19.463	2827	2829	2832	rVB	8041	8517	0.99%	0.104%
85	19.575	2846	2848	2850	rBV3	5452	4922	0.57%	0.060%
86	19.686	2864	2867	2871	rBV3	6552	9043	1.05%	0.110%
87	19.798	2880	2886	2897	rVB	572840	832983	96.76%	10.147%
88	20.338	2975	2978	2982	rVB	13578	16194	1.88%	0.197%
89	20.767	3047	3051	3053	rBV5	6497	8985	1.04%	0.109%
90	20.832	3059	3062	3067	rVB	21420	24520	2.85%	0.299%
91	21.337	3143	3148	3159	rBV2	53127	90918	10.56%	1.108%
92	21.684	3201	3207	3213	rBV	305752	501012	58.20%	6.103%
93	22.506	3345	3347	3353	rVB2	15131	19258	2.24%	0.235%
94	23.212	3463	3467	3472	rBV4	12843	25057	2.91%	0.305%
95	24.022	3601	3605	3615	rVB2	20429	40015	4.65%	0.487%
96	24.357	3660	3662	3664	rVB4	4924	3395	0.39%	0.041%
97	24.698	3709	3720	3733	rVB2	305231	860919	100.00%	10.487%
98	24.921	3748	3758	3766	rBV2	162149	465180	54.03%	5.667%
99	26.132	3958	3964	3974	rVB3	19736	52733	6.13%	0.642%
100	31.149	4815	4818	4819	rBV3	5212	4897	0.57%	0.060%

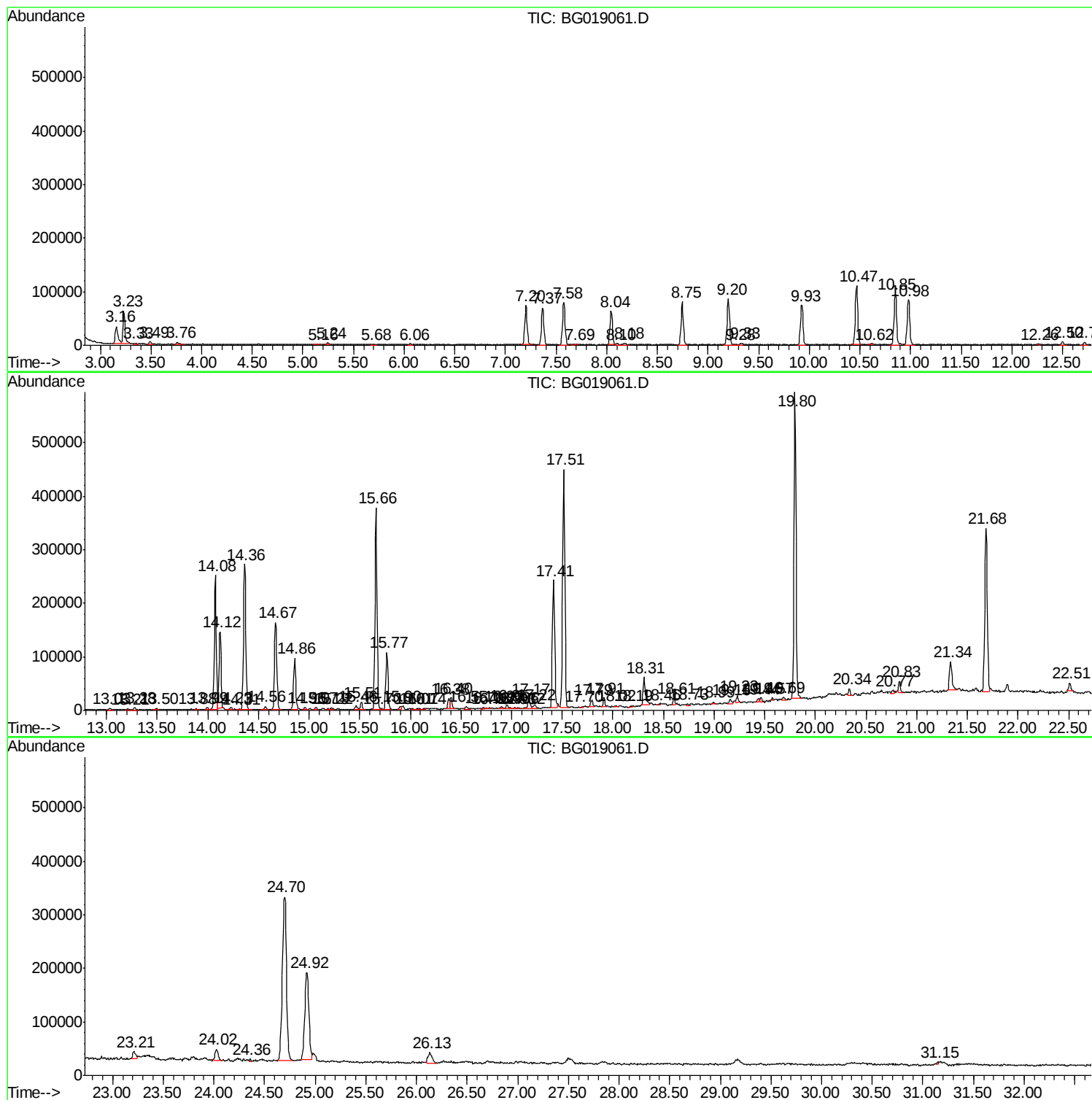
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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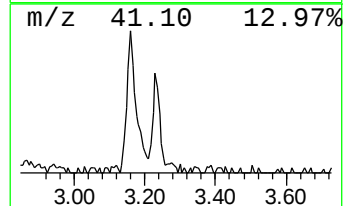
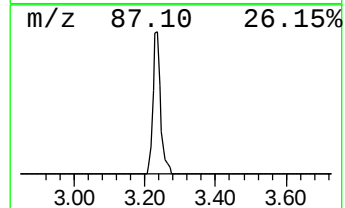
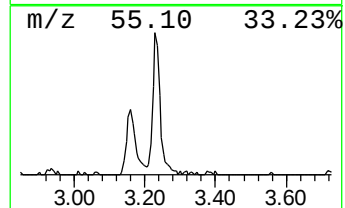
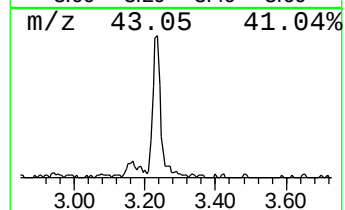
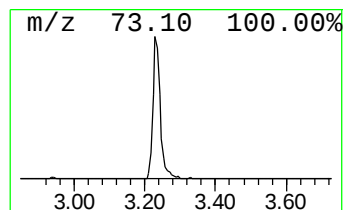
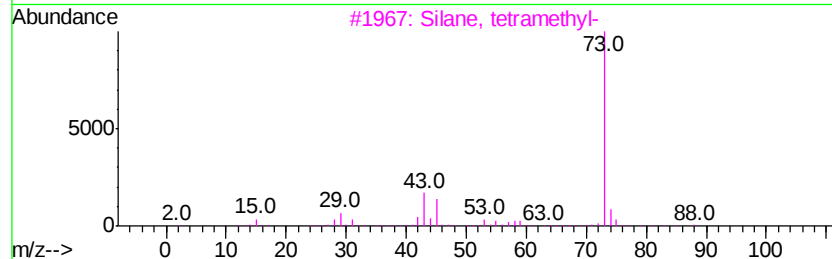
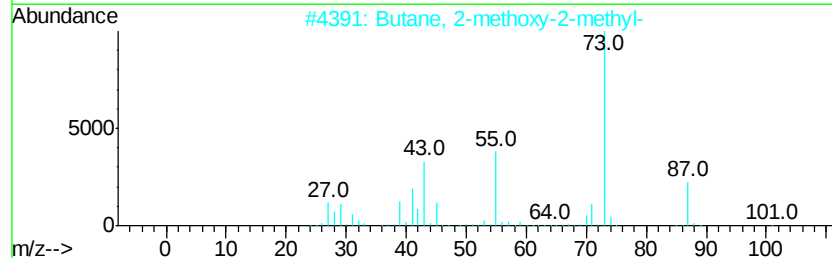
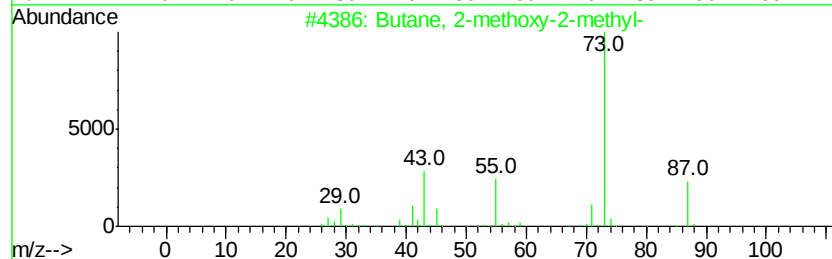
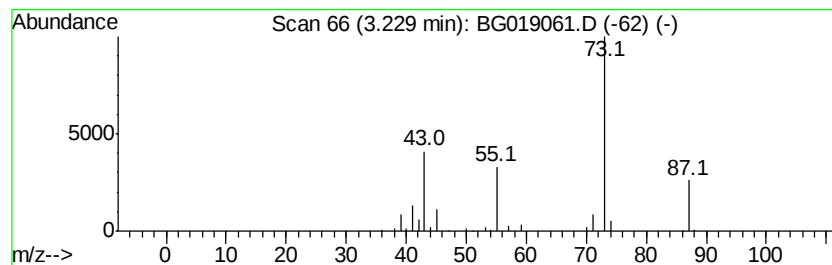
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	17.40 ng/ul	89301	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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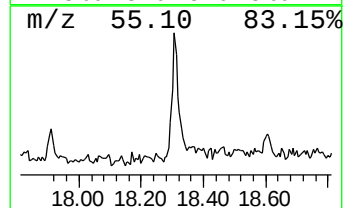
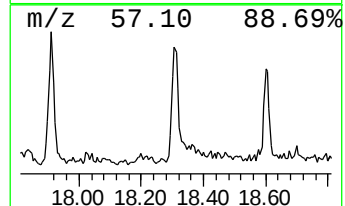
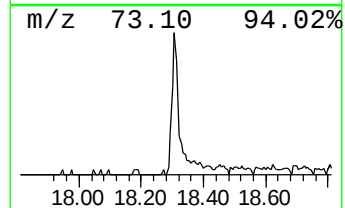
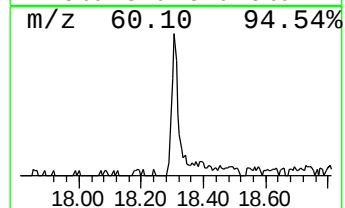
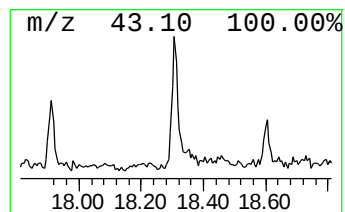
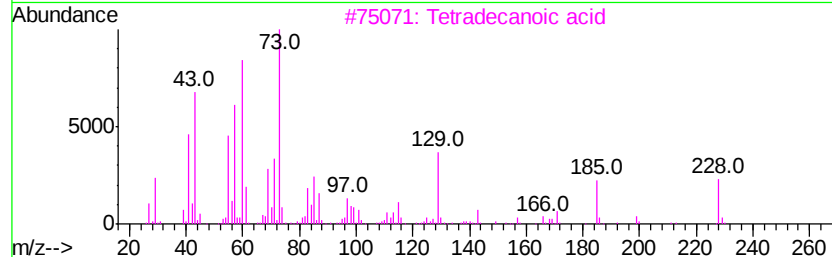
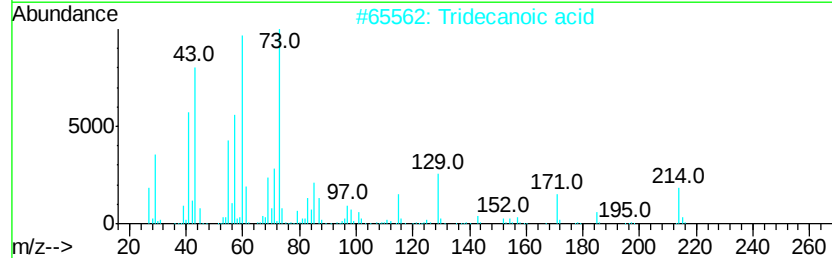
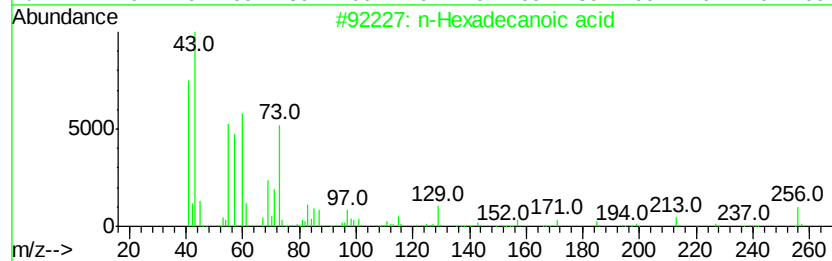
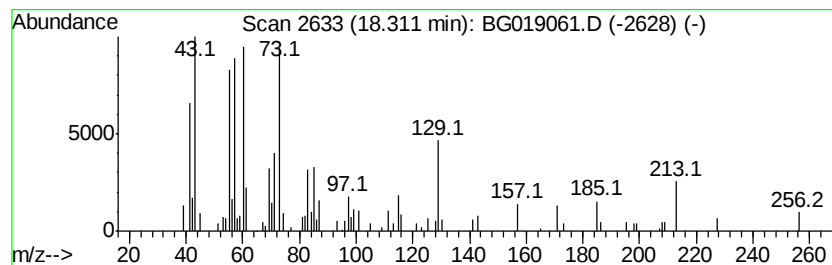
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.17 ng/ul	78488	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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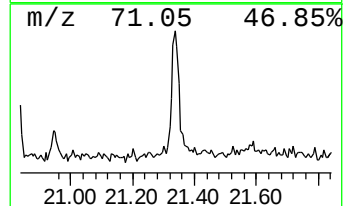
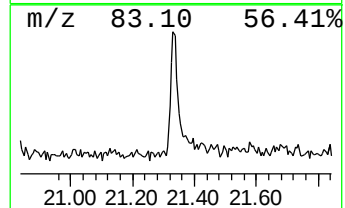
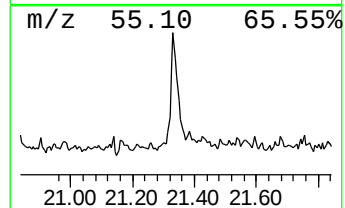
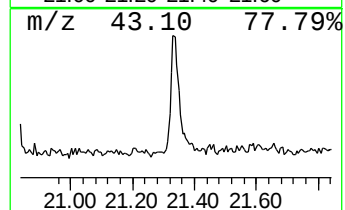
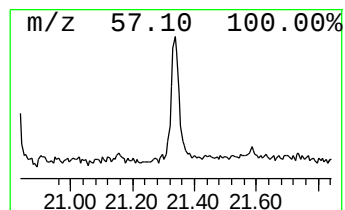
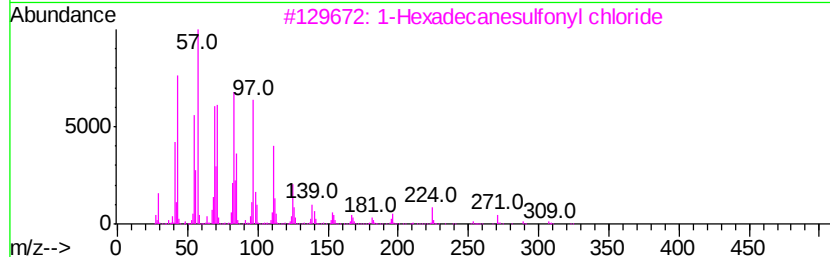
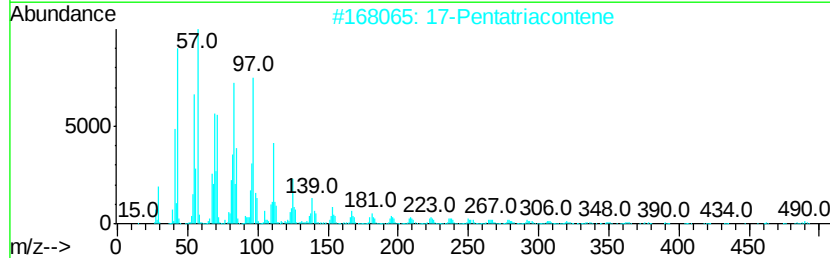
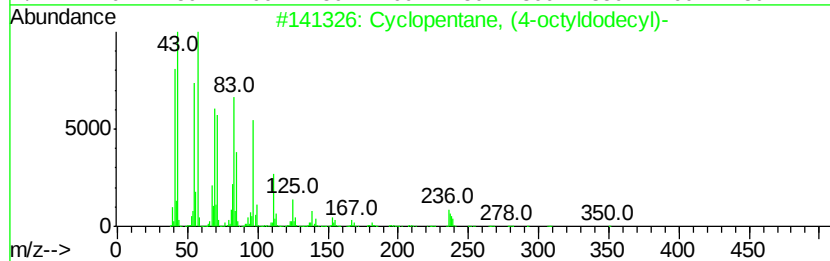
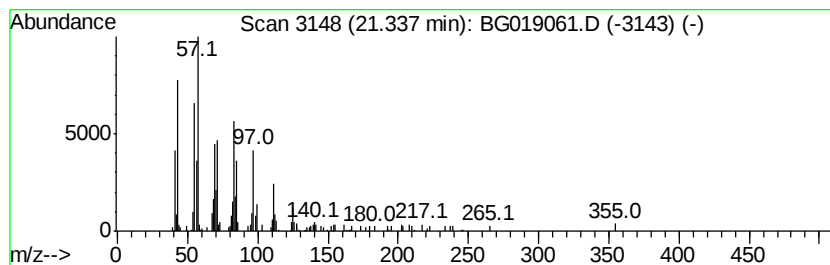
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Peak Number 4 (DEL) Alkane: Cyclic21.34 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.63 ng/ul	90918	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (4-octylidodecyl)-	350	C25H50	005638-09-5	86
2		17-Pentatriacontene	491	C35H70	006971-40-0	86
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	86
4		17-Pentatriacontene	491	C35H70	006971-40-0	80
5		10-Heneicosene (c,t)	294	C21H42	095008-11-0	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019061.D
Acq On : 7 Oct 2015 1:01
Operator : UM/NP
Sample : G3865-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5MY4

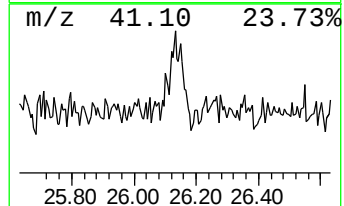
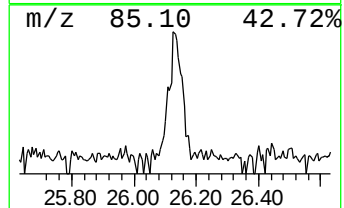
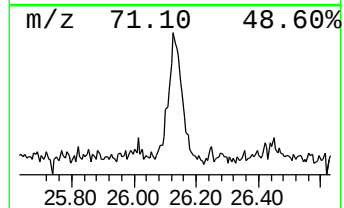
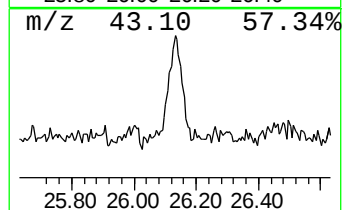
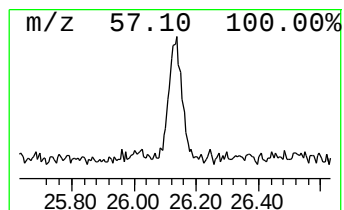
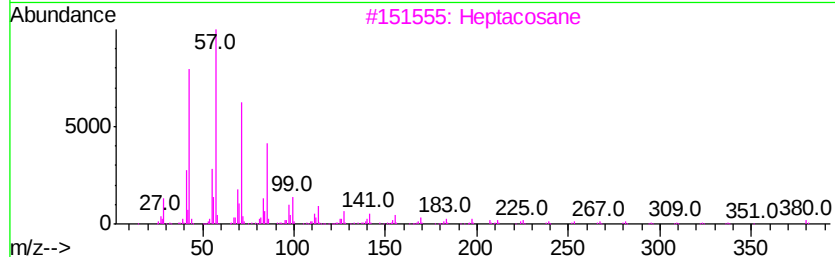
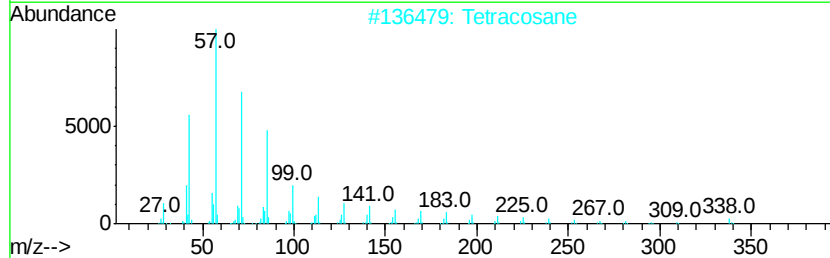
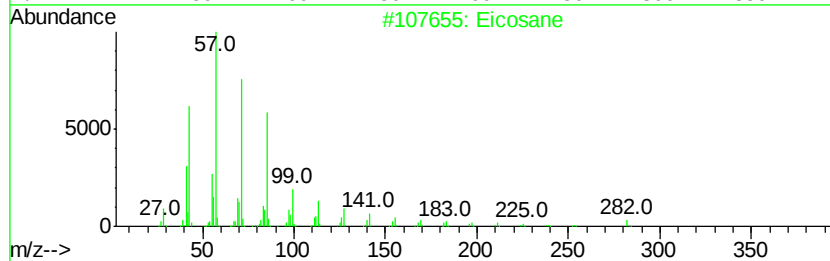
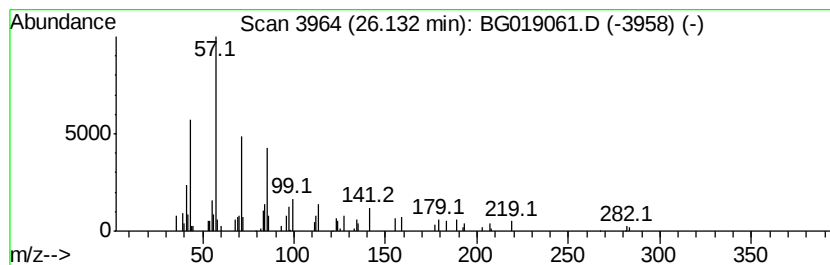
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	2.27 ng/ul	52733	Perylene-d12	24.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	74
2		Tetracosane	338	C24H50	000646-31-1	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Nonacosane	408	C29H60	000630-03-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100615\
Data File : BG019061.D
Acq On : 7 Oct 2015 1:01
Operator : UM/NP
Sample : G3865-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5MY4

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
unknown-01	3.23	17.4	ng/ul	89301	1	8.05	102632	20.0
n-Hexadecanoic acid	18.31	4.2	ng/ul	78488	4	17.41	376893	20.0
(DEL) Alkane: Cyc...	21.34	3.6	ng/ul	90918	5	21.68	501012	20.0
(DEL) Alkane: Str...	26.13	2.3	ng/ul	52733	6	24.92	465180	20.0