

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
 Data File : BG019269.D
 Acq On : 20 Oct 2015 22:40
 Operator : UM/NP
 Sample : G4074-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H7

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-BG101515.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	2.867	3	5	12	rVB4	3972	4916	1.16%	0.109%
2	3.084	35	42	50	rBV	41345	70462	16.65%	1.564%
3	3.161	50	55	70	rVB	202156	282585	66.78%	6.273%
4	3.419	96	99	104	rVB4	1337	2096	0.50%	0.047%
5	3.654	135	139	141	rBV3	474	743	0.18%	0.016%
6	4.494	280	282	286	rVB3	937	993	0.23%	0.022%
7	4.653	308	309	313	rBV	589	792	0.19%	0.018%
8	5.094	378	384	392	rVB	5368	7732	1.83%	0.172%
9	7.168	732	737	746	rVB	31300	52424	12.39%	1.164%
10	7.315	756	762	769	rBV	23376	37912	8.96%	0.842%
11	7.526	792	798	805	rBV	31696	52251	12.35%	1.160%
12	7.990	871	877	884	rVB	65127	103414	24.44%	2.296%
13	8.707	993	999	1007	rVB	37857	64400	15.22%	1.430%
14	9.154	1069	1075	1083	rVB2	34154	59166	13.98%	1.313%
15	9.283	1095	1097	1101	rVV2	861	824	0.19%	0.018%
16	9.876	1191	1198	1204	rBV	31368	54391	12.85%	1.207%
17	10.423	1283	1291	1299	rBV2	43249	76513	18.08%	1.699%
18	10.799	1347	1355	1363	rVB	100320	174226	41.17%	3.868%
19	10.934	1372	1378	1387	rBV2	29570	52941	12.51%	1.175%
20	12.379	1621	1624	1626	rBV2	635	746	0.18%	0.017%
21	12.984	1721	1727	1731	rVV3	2172	2751	0.65%	0.061%
22	13.237	1765	1770	1773	rVV3	2510	3395	0.80%	0.075%
23	14.030	1899	1905	1909	rBV	104426	145644	34.42%	3.233%
24	14.077	1909	1913	1919	rVB	33868	47476	11.22%	1.054%
25	14.318	1947	1954	1962	rVB	106234	159906	37.79%	3.550%
26	14.624	1999	2006	2014	rVB2	181311	281531	66.53%	6.250%
27	14.841	2036	2043	2052	rBV	36078	62144	14.69%	1.380%
28	14.906	2052	2054	2056	rVB2	943	775	0.18%	0.017%
29	15.035	2075	2076	2080	rVB2	1191	876	0.21%	0.019%
30	15.417	2134	2141	2146	rBV4	2218	3852	0.91%	0.086%
31	15.458	2146	2148	2155	rVB2	3045	3868	0.91%	0.086%
32	15.617	2168	2175	2183	rBV	152503	219507	51.88%	4.873%
33	15.734	2191	2195	2201	rVB	46615	65409	15.46%	1.452%
34	15.852	2212	2215	2217	rBV3	1453	2090	0.49%	0.046%

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 Title : SVOA CALIBRATION

35	15.869	2217	2218	2222	rVB	1903	1395	0.33%	0.031%
36	15.957	2231	2233	2235	rBV	792	771	0.18%	0.017%
37	16.022	2241	2244	2247	rVV2	796	798	0.19%	0.018%
38	16.087	2251	2255	2257	rBV	724	729	0.17%	0.016%
39	16.210	2274	2276	2280	rVB	854	804	0.19%	0.018%
40	16.322	2289	2295	2298	rBV2	5846	8189	1.94%	0.182%
41	16.351	2298	2300	2305	rVV4	2479	3099	0.73%	0.069%
42	16.451	2315	2317	2319	rBV2	740	923	0.22%	0.020%
43	16.510	2322	2327	2330	rBV5	3313	5402	1.28%	0.120%
44	16.539	2330	2332	2335	rVB2	740	743	0.18%	0.016%
45	16.574	2335	2338	2340	rBV2	1107	1201	0.28%	0.027%
46	16.698	2355	2359	2360	rVB	685	820	0.19%	0.018%
47	16.733	2360	2365	2367	rBV2	969	1260	0.30%	0.028%
48	16.762	2367	2370	2379	rVB5	2916	4896	1.16%	0.109%
49	16.845	2379	2384	2388	rVB3	1249	2059	0.49%	0.046%
50	16.898	2390	2393	2394	rBV2	1735	1338	0.32%	0.030%
51	16.992	2406	2409	2410	rBV3	744	764	0.18%	0.017%
52	17.021	2410	2414	2418	rBV3	2776	3525	0.83%	0.078%
53	17.115	2426	2430	2435	rVV3	7191	9318	2.20%	0.207%
54	17.174	2435	2440	2442	rVV3	2850	3630	0.86%	0.081%
55	17.250	2450	2453	2455	rBV2	1198	1521	0.36%	0.034%
56	17.268	2455	2456	2458	rVV2	1393	963	0.23%	0.021%
57	17.291	2458	2460	2462	rVB2	1061	936	0.22%	0.021%
58	17.368	2467	2473	2481	rVB2	240577	362200	85.60%	8.041%
59	17.467	2484	2490	2496	rVB	155265	235785	55.72%	5.234%
60	17.538	2498	2502	2504	rBV3	1474	1645	0.39%	0.037%
61	17.650	2517	2521	2524	rBV4	1699	2353	0.56%	0.052%
62	17.749	2537	2538	2540	rVB2	1209	788	0.19%	0.017%
63	17.779	2540	2543	2546	rVB4	1538	2077	0.49%	0.046%
64	17.802	2546	2547	2551	rVB3	802	962	0.23%	0.021%
65	17.861	2551	2557	2560	rBV3	4925	7285	1.72%	0.162%
66	17.920	2564	2567	2569	rBV3	1557	1925	0.45%	0.043%
67	17.979	2574	2577	2578	rBV3	1349	1397	0.33%	0.031%
68	17.996	2578	2580	2586	rBV4	703	873	0.21%	0.019%
69	18.061	2589	2591	2592	rBV	1398	1063	0.25%	0.024%
70	18.096	2594	2597	2600	rVB5	1082	1475	0.35%	0.033%
71	18.125	2600	2602	2604	rBV2	2012	1779	0.42%	0.039%

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72	18.196	2610	2614	2619	rBV2	17842	25702	6.07%	0.571%
73	18.261	2620	2625	2632	rVV	76581	102097	24.13%	2.267%
74	18.325	2634	2636	2642	rVV	10394	14241	3.37%	0.316%
75	18.396	2644	2648	2651	rBV4	1563	2076	0.49%	0.046%
76	18.425	2651	2653	2656	rBV4	1620	1454	0.34%	0.032%
77	18.502	2664	2666	2668	rBV3	1080	823	0.19%	0.018%
78	18.549	2672	2674	2679	rVB3	2661	3614	0.85%	0.080%
79	18.731	2702	2705	2707	rBV4	1411	1714	0.41%	0.038%
80	18.801	2714	2717	2718	rBV3	1656	2105	0.50%	0.047%
81	18.907	2731	2735	2736	rBV4	2350	2670	0.63%	0.059%
82	18.925	2736	2738	2740	rVV3	1318	1015	0.24%	0.023%
83	19.007	2750	2752	2753	rBV2	1713	1282	0.30%	0.028%
84	19.054	2757	2760	2761	rVV3	2041	1711	0.40%	0.038%
85	19.118	2770	2771	2774	rVB3	3549	2311	0.55%	0.051%
86	19.171	2777	2780	2784	rBV6	3229	5987	1.41%	0.133%
87	19.218	2787	2788	2789	rVV	1892	996	0.24%	0.022%
88	19.254	2792	2794	2796	rVB3	1514	729	0.17%	0.016%
89	19.295	2800	2801	2802	rBV	2345	1130	0.27%	0.025%
90	19.312	2802	2804	2805	rVB2	1624	1041	0.25%	0.023%
91	19.389	2812	2817	2819	rBV5	5168	7557	1.79%	0.168%
92	19.530	2836	2841	2847	rBV3	21892	32590	7.70%	0.723%
93	19.753	2874	2879	2887	rBV	179513	253717	59.96%	5.632%
94	20.282	2967	2969	2973	rVB5	14025	14517	3.43%	0.322%
95	21.281	3135	3139	3147	rVB	55050	80279	18.97%	1.782%
96	21.633	3193	3199	3207	rBV	259838	423146	100.00%	9.394%
97	22.426	3331	3334	3342	rBV4	22467	40531	9.58%	0.900%
98	23.919	3583	3588	3593	rBV4	26469	53079	12.54%	1.178%
99	24.612	3699	3706	3713	rVB	92911	238705	56.41%	5.299%
100	24.835	3736	3744	3756	rVB2	138082	412310	97.44%	9.153%

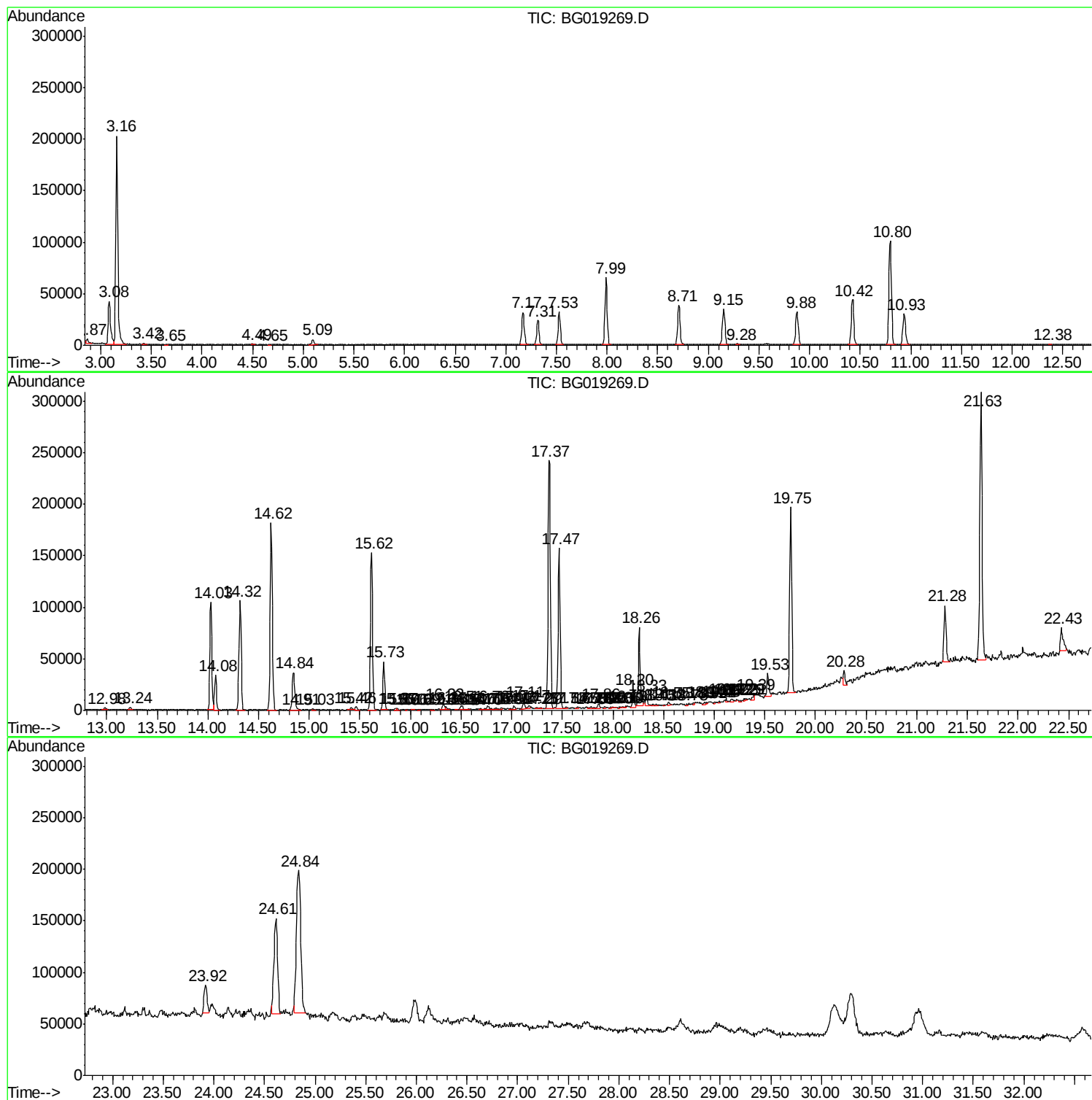
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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



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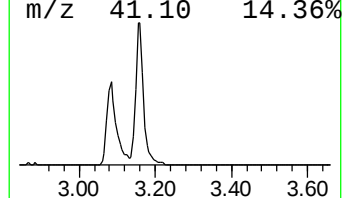
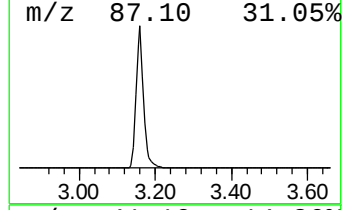
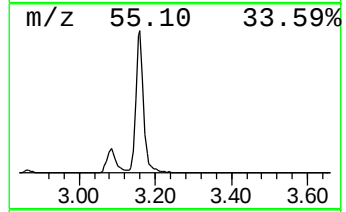
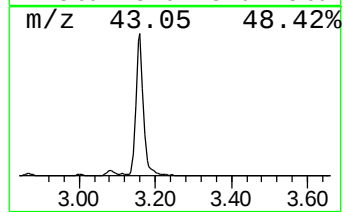
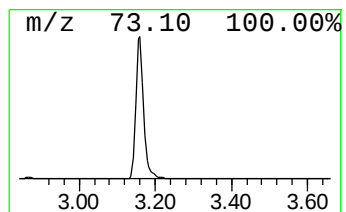
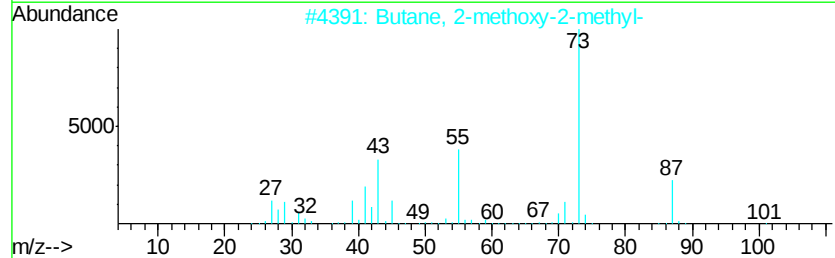
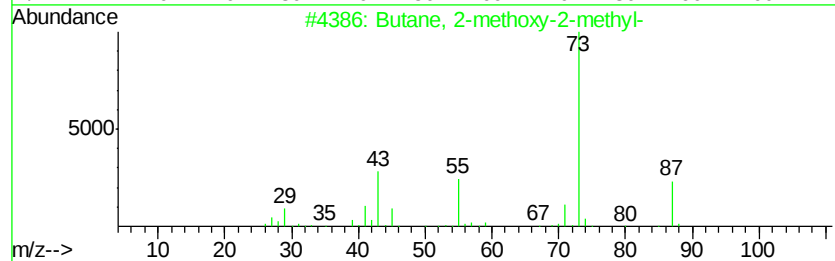
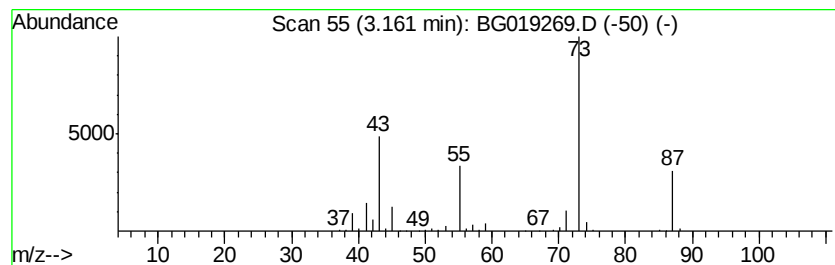
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	54.65 ng/ul	282585	1,4-Dichlorobenzene-d4	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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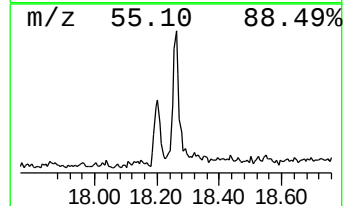
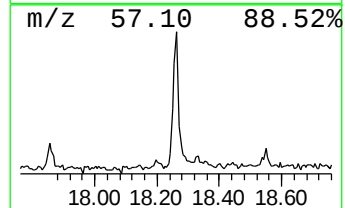
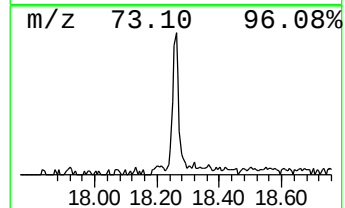
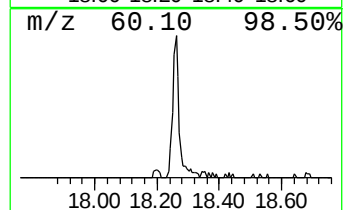
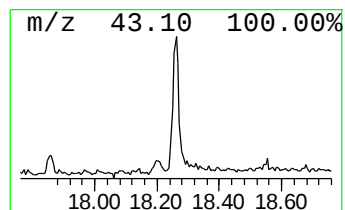
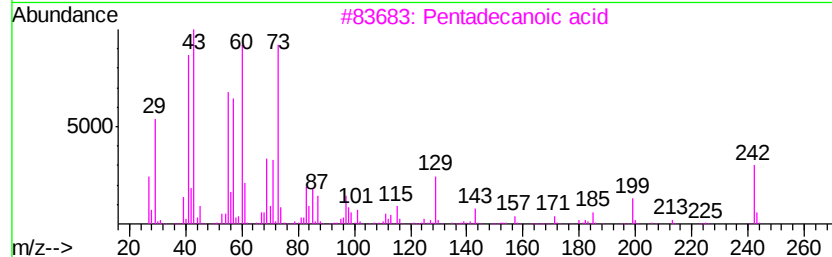
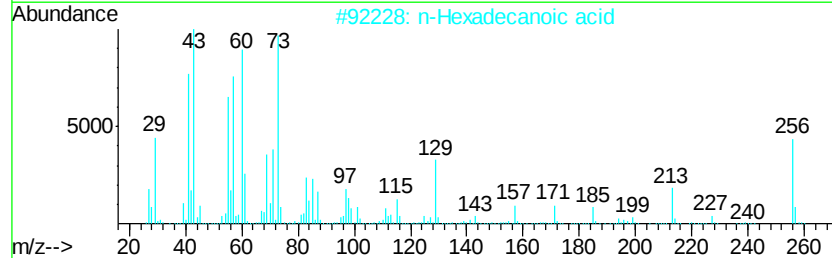
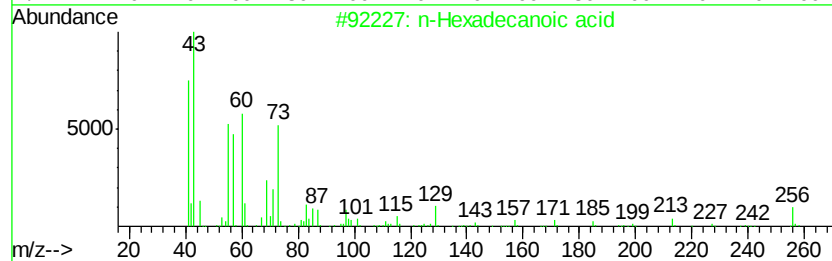
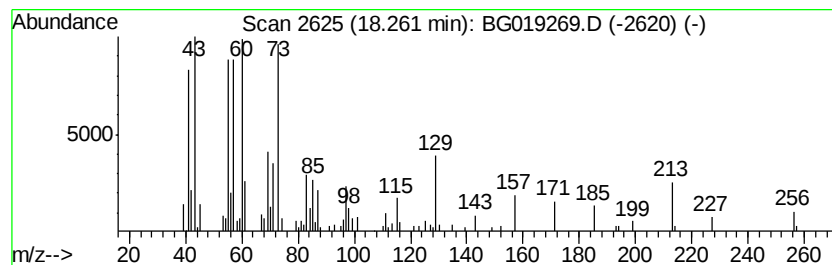
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.26	5.64 ng/ul	102097	Phenanthrene-d10	17.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



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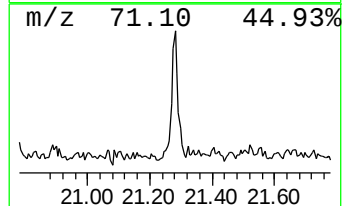
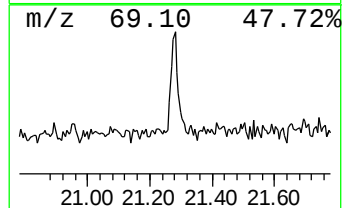
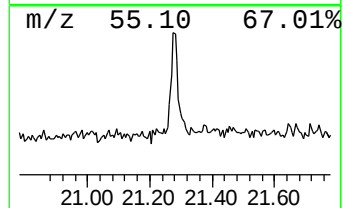
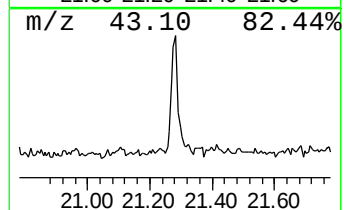
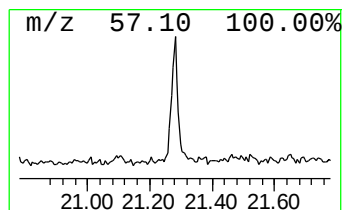
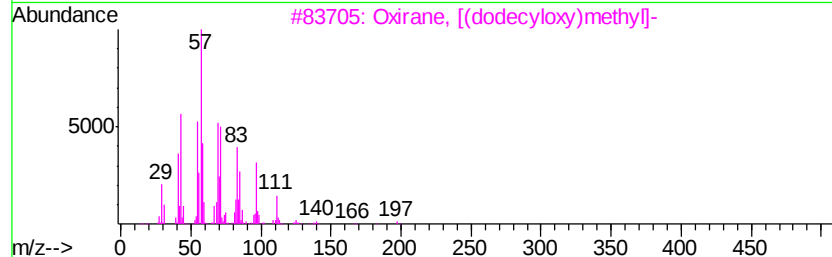
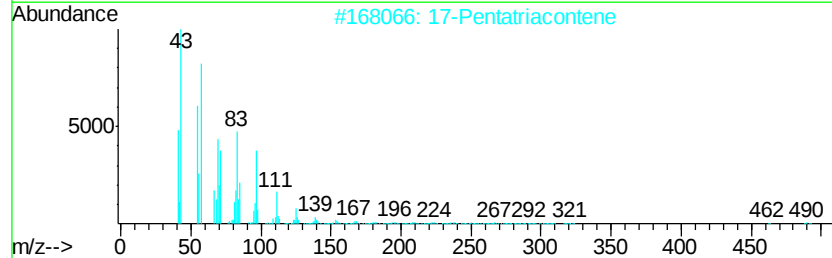
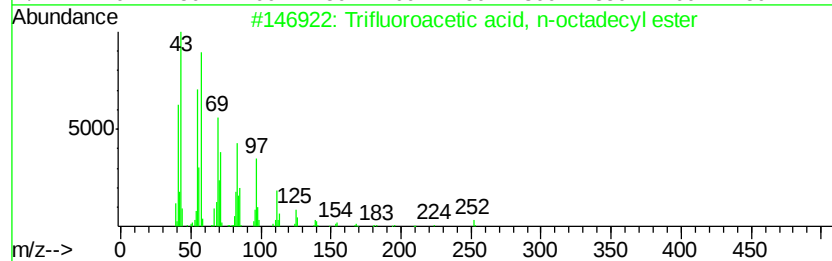
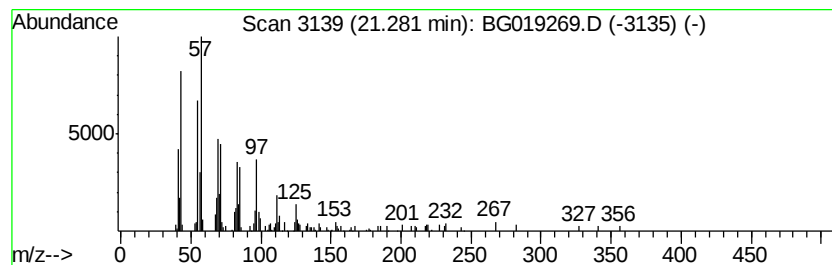
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Peak Number 4 Trifluoroacetic acid, n-oct... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	3.79 ng/ul	80279	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
2		17-Pentatriacontene	491	C35H70	006971-40-0	86
3		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	74
4		1-Docosene	308	C22H44	001599-67-3	62
5		Decane	142	C10H22	000124-18-5	55



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ClientSampleId :
JG9H7

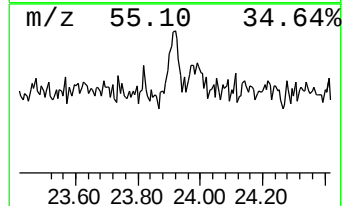
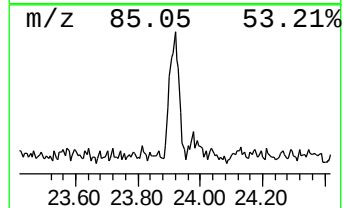
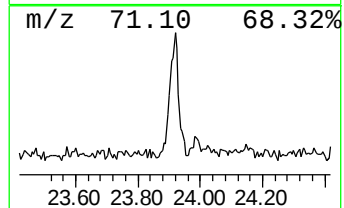
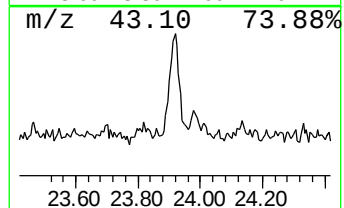
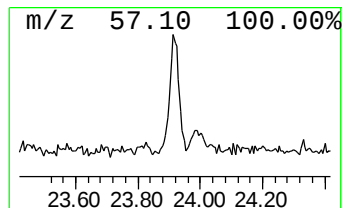
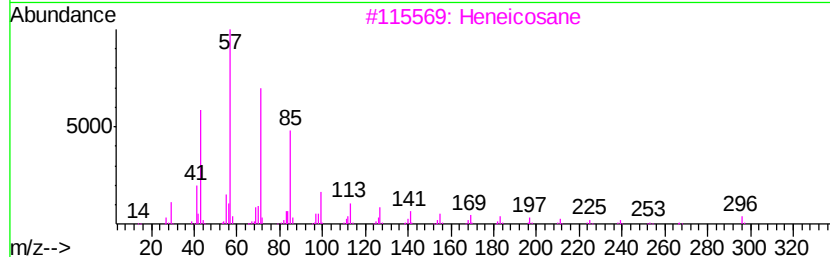
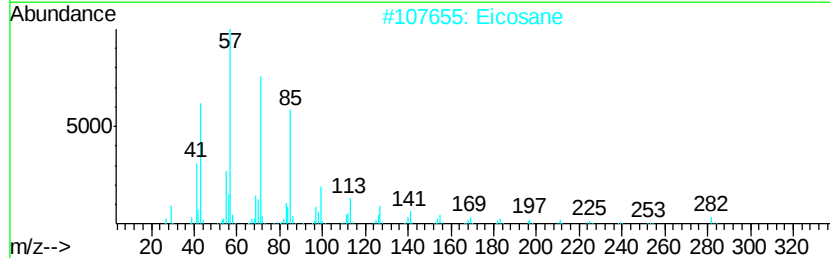
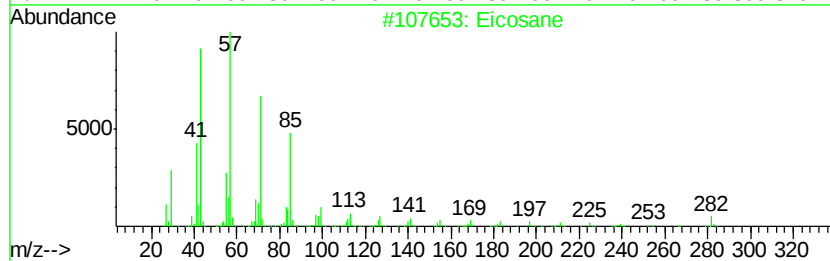
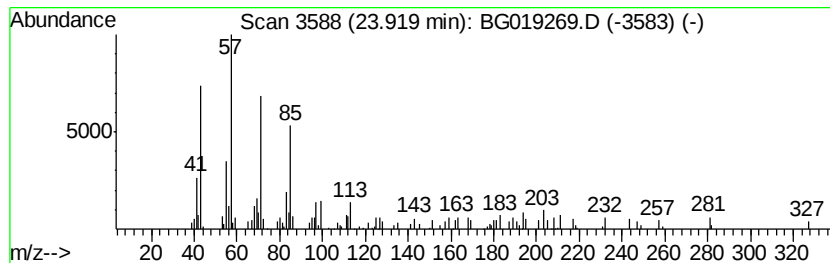
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Quant Title : SVOA CALIBRATION

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.
23.92	2.57 ng/ul	53079	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Eicosane	282	C20H42	000112-95-8	62
3		Heneicosane	296	C21H44	000629-94-7	58
4		Heptadecane	240	C17H36	000629-78-7	58
5		Tetratriacontane	479	C34H70	014167-59-0	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019269.D
Acq On : 20 Oct 2015 22:40
Operator : UM/NP
Sample : G4074-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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...	3.16	54.6	ng/ul	282585	1	7.99	103414	20.0
n-Hexadecanoic acid	18.26	5.6	ng/ul	102097	4	17.37	362200	20.0
Trifluoroacetic a...	21.28	3.8	ng/ul	80279	5	21.63	423146	20.0
(DEL) Alkane: Str...	23.92	2.6	ng/ul	53079	6	24.84	412310	20.0