

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
 Data File : BG019628.D
 Acq On : 15 Nov 2015 23:49
 Operator : UM/NP
 Sample : G4309-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KQ0

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-BG102815.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	3.097	39	44	53	rBV2	35089	67296	5.47%	0.529%
2	3.179	53	58	70	rVB	121292	178412	14.50%	1.404%
3	3.455	101	105	113	rVB3	5742	9466	0.77%	0.074%
4	5.188	396	400	404	rBV	4559	6879	0.56%	0.054%
5	7.304	753	760	773	rVB	144120	257665	20.95%	2.027%
6	7.468	780	788	798	rBV	119474	190651	15.50%	1.500%
7	7.680	818	824	834	rBV	135905	235775	19.17%	1.855%
8	8.156	899	905	915	rBV	113435	190316	15.47%	1.497%
9	8.467	953	958	961	rBV2	3448	4107	0.33%	0.032%
10	8.861	1018	1025	1032	rBV2	177471	297269	24.16%	2.339%
11	9.331	1098	1105	1115	rVB	147150	259012	21.05%	2.038%
12	10.053	1221	1228	1237	rBV	128039	227844	18.52%	1.793%
13	10.282	1261	1267	1277	rBV	24407	45515	3.70%	0.358%
14	10.600	1314	1321	1332	rVB	193539	335370	27.26%	2.639%
15	10.735	1340	1344	1351	rBV2	3195	5296	0.43%	0.042%
16	10.982	1378	1386	1395	rVB	154400	282817	22.99%	2.225%
17	11.117	1402	1409	1417	rBV	159943	284113	23.10%	2.235%
18	11.745	1512	1516	1518	rBV2	2559	3290	0.27%	0.026%
19	11.975	1553	1555	1565	rBB3	2712	4911	0.40%	0.039%
20	12.556	1649	1654	1657	rBV	2733	4008	0.33%	0.032%
21	13.050	1735	1738	1745	rBV3	8536	14212	1.16%	0.112%
22	13.144	1750	1754	1761	rVB4	7086	10553	0.86%	0.083%
23	13.391	1790	1796	1802	rVB3	10159	15322	1.25%	0.121%
24	13.590	1827	1830	1836	rVB3	3243	4568	0.37%	0.036%
25	13.708	1846	1850	1853	rVB2	2386	2449	0.20%	0.019%
26	14.184	1925	1931	1935	rBV	391412	566691	46.07%	4.459%
27	14.231	1935	1939	1946	rVB	155248	219100	17.81%	1.724%
28	14.407	1964	1969	1974	rBV3	3259	4040	0.33%	0.032%
29	14.483	1976	1982	1990	rVB	389007	619482	50.36%	4.874%
30	14.660	2006	2012	2017	rVB2	15168	19952	1.62%	0.157%
31	14.724	2020	2023	2028	rVV3	1853	3156	0.26%	0.025%
32	14.789	2028	2034	2043	rVB2	289614	460419	37.43%	3.622%
33	14.977	2059	2066	2077	rBV	179381	295349	24.01%	2.324%
34	15.095	2084	2086	2089	rBV3	1912	2441	0.20%	0.019%

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35	15.159	2094	2097	2103	rVV5	2718	5628	0.46%	0.044%
36	15.212	2104	2106	2111	rVB3	3462	3704	0.30%	0.029%
37	15.271	2113	2116	2124	rVV4	3669	6222	0.51%	0.049%
38	15.347	2124	2129	2132	rVB4	2682	4042	0.33%	0.032%
39	15.559	2162	2165	2169	rBV3	4108	6305	0.51%	0.050%
40	15.606	2169	2173	2178	rVB2	25541	30446	2.47%	0.240%
41	15.670	2178	2184	2188	rBV5	3760	6182	0.50%	0.049%
42	15.729	2190	2194	2196	rVV2	2091	3035	0.25%	0.024%
43	15.776	2196	2202	2210	rVB	564319	836687	68.01%	6.583%
44	15.888	2214	2221	2229	rVB	191317	282963	23.00%	2.226%
45	16.017	2235	2243	2247	rBV3	12377	22269	1.81%	0.175%
46	16.052	2247	2249	2254	rVB3	2067	2653	0.22%	0.021%
47	16.111	2254	2259	2261	rBV3	3334	4553	0.37%	0.036%
48	16.164	2264	2268	2274	rVB5	4056	5317	0.43%	0.042%
49	16.223	2276	2278	2283	rVB4	3995	5256	0.43%	0.041%
50	16.463	2315	2319	2322	rBV2	22623	29137	2.37%	0.229%
51	16.593	2338	2341	2345	rVB2	5895	7284	0.59%	0.057%
52	16.651	2346	2351	2355	rBV5	7032	12094	0.98%	0.095%
53	16.716	2358	2362	2366	rBV3	6909	8506	0.69%	0.067%
54	16.751	2366	2368	2374	rVB6	5118	6602	0.54%	0.052%
55	16.804	2374	2377	2380	rBV4	5110	7563	0.61%	0.060%
56	16.869	2386	2388	2391	rVB4	5001	3792	0.31%	0.030%
57	16.910	2391	2395	2403	rVB6	7092	14044	1.14%	0.110%
58	16.981	2403	2407	2412	rBV2	7793	12905	1.05%	0.102%
59	17.057	2416	2420	2424	rVB6	6807	10152	0.83%	0.080%
60	17.257	2448	2454	2459	rBV2	11873	16480	1.34%	0.130%
61	17.304	2459	2462	2464	rBV2	3965	4755	0.39%	0.037%
62	17.527	2494	2500	2507	rBV	414157	639416	51.98%	5.031%
63	17.627	2511	2517	2526	rVB	661897	963293	78.30%	7.579%
64	17.703	2528	2530	2534	rBV4	2161	2475	0.20%	0.019%
65	17.785	2541	2544	2548	rBV3	2371	3727	0.30%	0.029%
66	17.991	2577	2579	2581	rBV3	2293	2506	0.20%	0.020%
67	18.050	2586	2589	2592	rVB4	3316	3496	0.28%	0.028%
68	18.156	2602	2607	2608	rBV3	2654	2809	0.23%	0.022%
69	18.173	2608	2610	2613	rVB3	2761	2594	0.21%	0.020%
70	18.291	2628	2630	2634	rBV4	2889	3912	0.32%	0.031%
71	18.391	2643	2647	2652	rBV4	7117	9431	0.77%	0.074%

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72	18.749	2705	2708	2709	rBV3	2370	2374	0.19%	0.019%
73	18.902	2729	2734	2740	rBV4	7314	11211	0.91%	0.088%
74	18.990	2746	2749	2754	rBV6	7753	10556	0.86%	0.083%
75	19.125	2770	2772	2774	rBV3	3298	2662	0.22%	0.021%
76	19.154	2775	2777	2780	rVB3	6408	6895	0.56%	0.054%
77	19.243	2788	2792	2798	rVB4	17834	22368	1.82%	0.176%
78	19.307	2799	2803	2807	rVV7	8794	14113	1.15%	0.111%
79	19.431	2822	2824	2825	rBV	3099	2052	0.17%	0.016%
80	19.536	2838	2842	2844	rBV	10626	14971	1.22%	0.118%
81	19.560	2844	2846	2853	rVB4	14802	21923	1.78%	0.172%
82	19.783	2881	2884	2889	rVB2	27348	37082	3.01%	0.292%
83	19.848	2893	2895	2897	rVV	10029	8207	0.67%	0.065%
84	19.901	2898	2904	2912	rVB	840451	1230182	100.00%	9.679%
85	20.306	2970	2973	2977	rBV	16536	22427	1.82%	0.176%
86	20.788	3052	3055	3060	rVB	25014	34134	2.77%	0.269%
87	21.005	3088	3092	3095	rBV2	19709	24774	2.01%	0.195%
88	21.052	3096	3100	3104	rVB2	35104	41474	3.37%	0.326%
89	21.411	3157	3161	3167	rBV4	25054	37803	3.07%	0.297%
90	21.563	3184	3187	3194	rVB4	15824	24492	1.99%	0.193%
91	21.798	3221	3227	3235	rBV2	490708	824462	67.02%	6.487%
92	23.508	3514	3518	3525	rVB4	13339	25804	2.10%	0.203%
93	23.961	3590	3595	3603	rBV9	8843	23549	1.91%	0.185%
94	24.143	3620	3626	3637	rVB4	41626	93416	7.59%	0.735%
95	24.901	3744	3755	3765	rBV	422662	1189745	96.71%	9.361%
96	25.130	3783	3794	3804	rVB2	276499	780925	63.48%	6.144%
97	26.293	3987	3992	4001	rVB6	18881	51864	4.22%	0.408%
98	26.563	4033	4038	4039	rBV5	11838	17130	1.39%	0.135%
99	27.692	4226	4230	4231	rBV4	9005	11529	0.94%	0.091%
100	32.192	4994	4996	4997	rBV	3102	2079	0.17%	0.016%

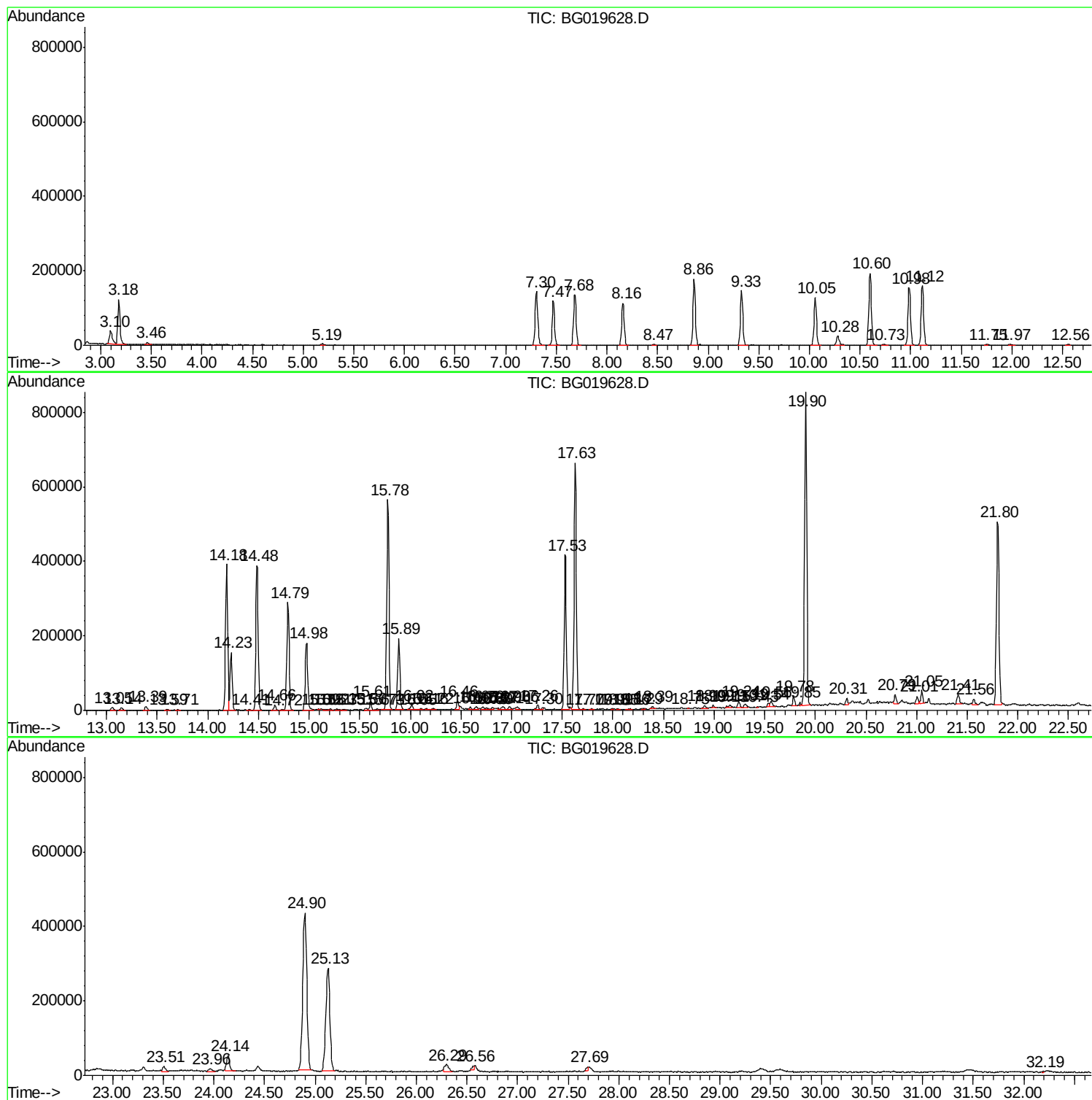
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



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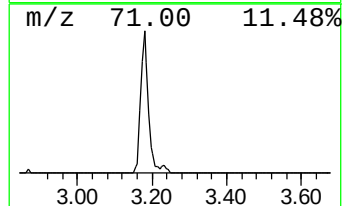
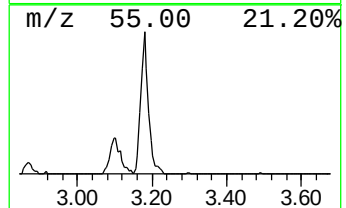
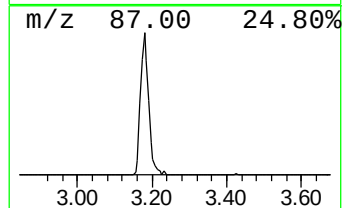
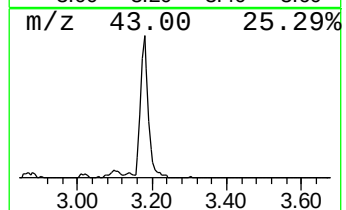
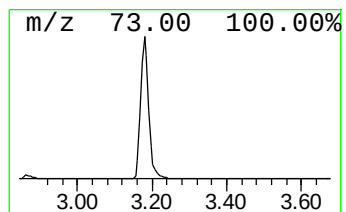
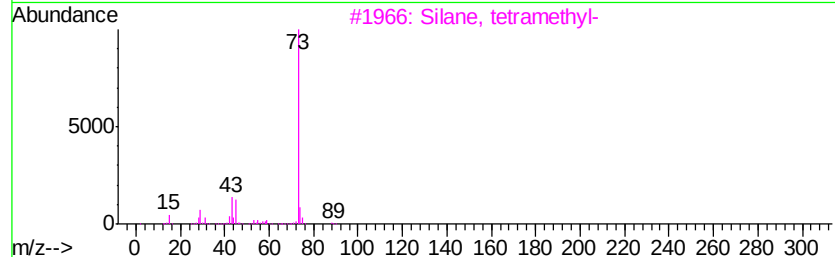
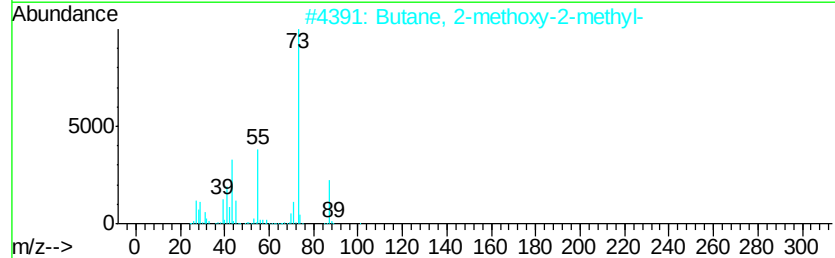
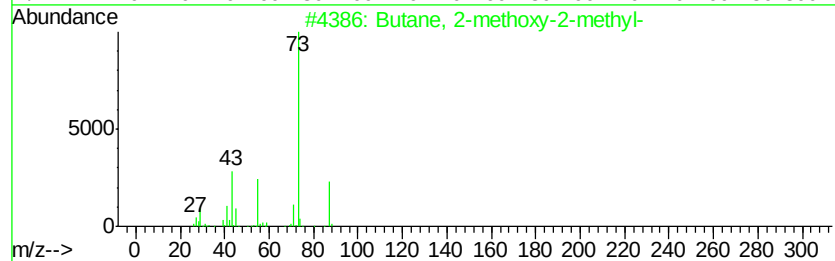
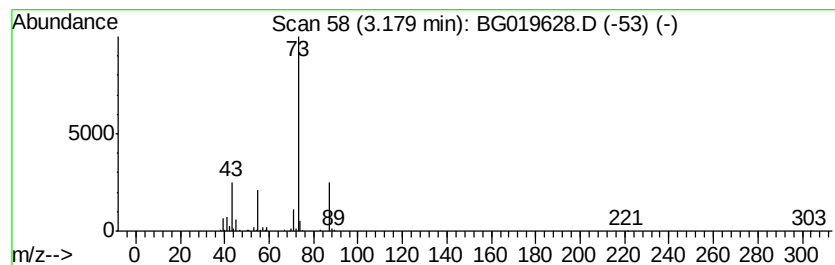
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	18.75 ng/ul	178412	1,4-Dichlorobenzene-d4	8.16

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	64
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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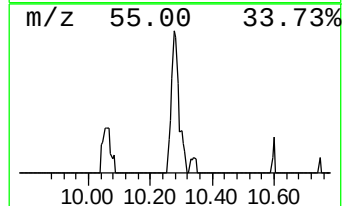
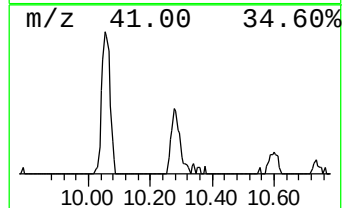
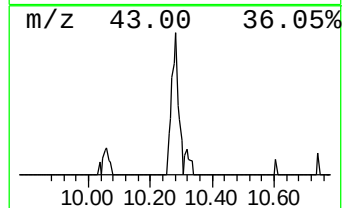
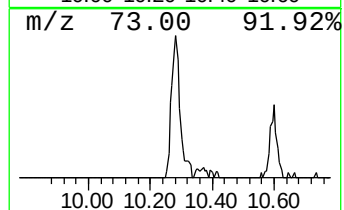
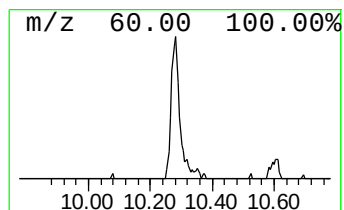
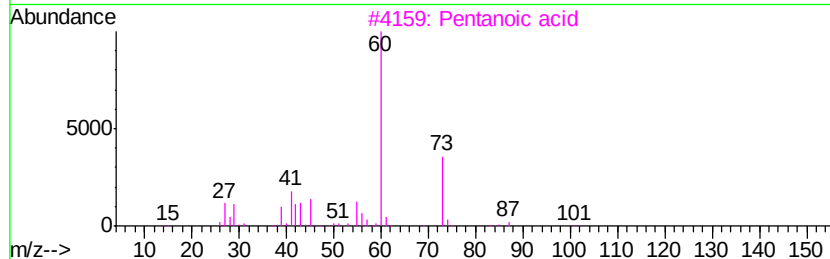
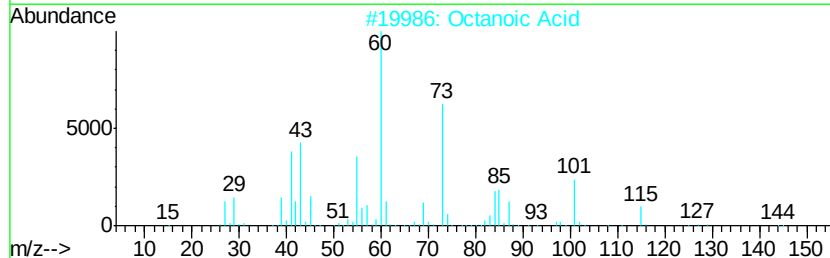
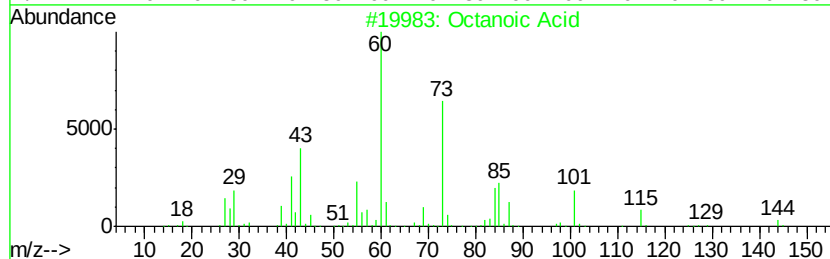
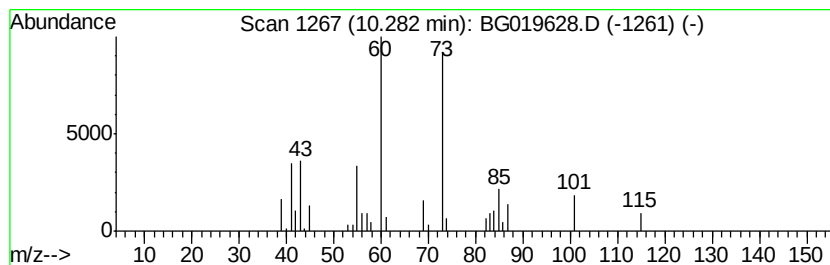
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octanoic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	3.22 ng/ul	45515	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic Acid	144	C8H16O2	000124-07-2	50
2		Octanoic Acid	144	C8H16O2	000124-07-2	47
3		Pentanoic acid	102	C5H10O2	000109-52-4	38
4		Pentanoic acid	102	C5H10O2	000109-52-4	37
5		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	32



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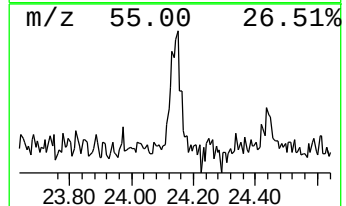
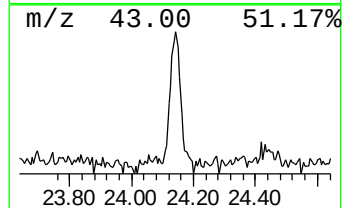
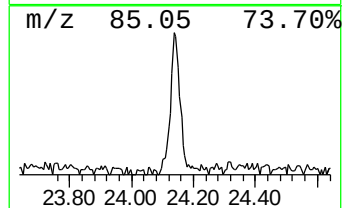
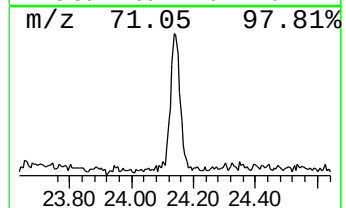
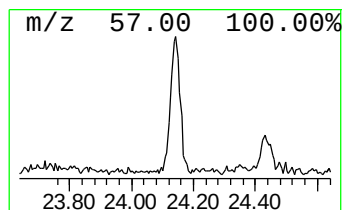
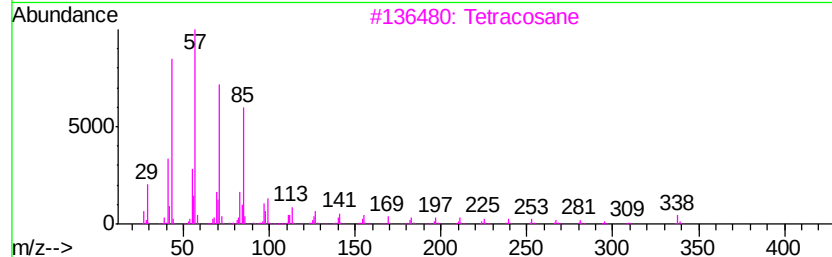
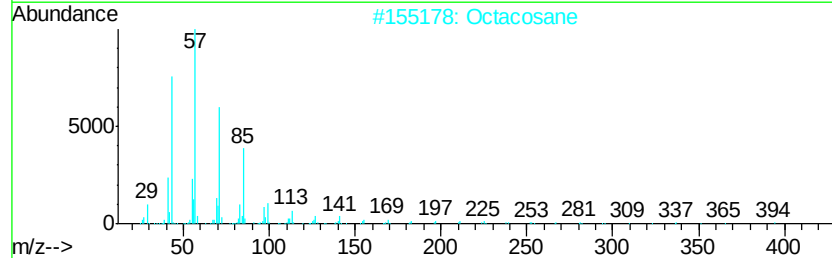
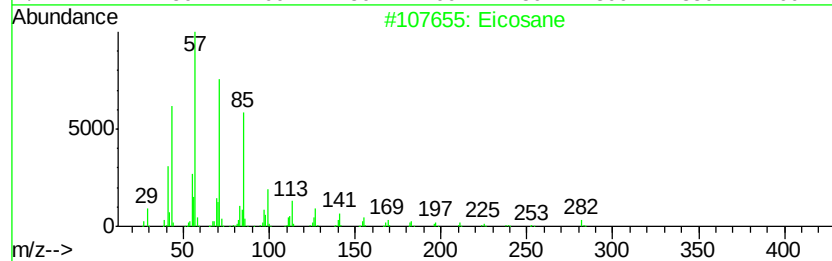
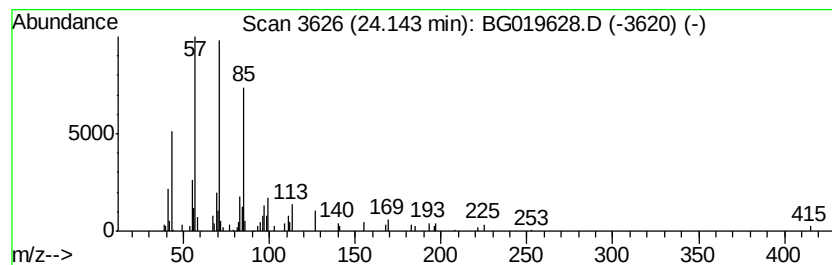
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.39 ng/ul	93416	Perylene-d12	25.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		10-Methylnonadecane	282	C20H42	056862-62-5	86
5		Tetracosane	338	C24H50	000646-31-1	86



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Data File : BG019628.D
Acq On : 15 Nov 2015 23:49
Operator : UM/NP
Sample : G4309-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KQ0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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...	3.18	18.8	ng/ul	178412	1	8.16	190316	20.0
Octanoic Acid	10.28	3.2	ng/ul	45515	2	10.99	282817	20.0
(DEL) Alkane: Str...	24.14	2.4	ng/ul	93416	6	25.13	780925	20.0