

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001960.D
 Acq On : 16 Jul 2015 23:33
 Operator : TP/UM
 Sample : G2998-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H9

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_M\METHODS\SOM02.2-EPA-BM071315.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	2.722	3	6	13	rVB	22967	25286	1.55%	0.107%
2	2.799	13	19	27	rVV2	51183	90371	5.55%	0.381%
3	2.869	27	31	49	rVB	1199092	1588471	97.58%	6.702%
4	3.128	72	75	82	rVB	18651	23050	1.42%	0.097%
5	4.410	289	293	297	rBV	5861	8211	0.50%	0.035%
6	4.452	297	300	306	rVB2	6487	8453	0.52%	0.036%
7	4.763	347	353	361	rVB	78514	112933	6.94%	0.476%
8	6.822	696	703	710	rBV	350318	555560	34.13%	2.344%
9	6.987	725	731	740	rVB	281208	427334	26.25%	1.803%
10	7.181	758	764	771	rBV	379233	581981	35.75%	2.456%
11	7.651	838	844	851	rBB	305546	477842	29.36%	2.016%
12	8.357	956	964	976	rBV	480018	760003	46.69%	3.207%
13	8.810	1034	1041	1048	rVB	356709	569008	34.96%	2.401%
14	8.922	1056	1060	1065	rBV	8733	13833	0.85%	0.058%
15	9.528	1156	1163	1170	rBV	317467	511576	31.43%	2.158%
16	10.057	1246	1253	1265	rVB	482074	791539	48.63%	3.340%
17	10.439	1309	1318	1325	rBV	449463	727688	44.70%	3.070%
18	10.581	1335	1342	1353	rVV	445208	745031	45.77%	3.144%
19	12.333	1635	1640	1644	rBB2	4143	6700	0.41%	0.028%
20	12.904	1733	1737	1741	rBV	7425	9181	0.56%	0.039%
21	13.622	1854	1859	1864	rBV	4331	6986	0.43%	0.029%
22	13.722	1870	1876	1880	rVV	868369	1203906	73.96%	5.080%
23	13.769	1880	1884	1890	rVB	350132	468087	28.76%	1.975%
24	13.998	1916	1923	1933	rVB	788574	1181693	72.60%	4.986%
25	14.204	1954	1958	1962	rBV	8231	9404	0.58%	0.040%
26	14.310	1969	1976	1983	rBV2	672138	1028994	63.21%	4.342%
27	14.374	1983	1987	1991	rVB	8954	12200	0.75%	0.051%
28	14.510	2005	2010	2022	rBV	330304	465872	28.62%	1.966%
29	14.704	2038	2043	2047	rBV2	5700	7839	0.48%	0.033%
30	15.104	2105	2111	2115	rBV2	10765	16593	1.02%	0.070%
31	15.157	2117	2120	2125	rVB	17682	20522	1.26%	0.087%
32	15.304	2138	2145	2151	rBV	925063	1297015	79.68%	5.472%
33	15.357	2151	2154	2159	rVB2	12554	16377	1.01%	0.069%
34	15.427	2161	2166	2173	rVV	189608	254971	15.66%	1.076%

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 Title : SVOA CALIBRATION

35	15.563	2184	2189	2194	rVB3	6444	12696	0.78%	0.054%
36	15.657	2200	2205	2209	rBV	4836	6735	0.41%	0.028%
37	16.021	2261	2267	2275	rBV2	26200	49597	3.05%	0.209%
38	16.363	2319	2325	2329	rVV5	6110	10836	0.67%	0.046%
39	16.410	2329	2333	2338	rVB3	4341	7360	0.45%	0.031%
40	16.810	2394	2401	2405	rBV2	26594	38383	2.36%	0.162%
41	16.874	2405	2412	2416	rVB4	13025	25179	1.55%	0.106%
42	17.057	2437	2443	2447	rBV	880467	1256592	77.20%	5.302%
43	17.098	2447	2450	2454	rVV	154583	202983	12.47%	0.856%
44	17.157	2454	2460	2469	rVV	865974	1261133	77.48%	5.321%
45	17.251	2469	2476	2479	rVV6	4823	7806	0.48%	0.033%
46	17.468	2504	2513	2517	rBV6	6086	12598	0.77%	0.053%
47	17.551	2522	2527	2537	rVV2	28120	38858	2.39%	0.164%
48	17.633	2537	2541	2547	rVB2	8848	12165	0.75%	0.051%
49	17.780	2561	2566	2570	rBV	4513	7267	0.45%	0.031%
50	17.951	2586	2595	2598	rBV2	139177	235284	14.45%	0.993%
51	17.974	2598	2599	2605	rVV	56674	56327	3.46%	0.238%
52	18.057	2609	2613	2617	rVV	13574	18831	1.16%	0.079%
53	18.121	2617	2624	2628	rVV3	40752	84101	5.17%	0.355%
54	18.157	2628	2630	2636	rVB	26683	35216	2.16%	0.149%
55	18.245	2639	2645	2649	rBV3	17597	23293	1.43%	0.098%
56	18.374	2662	2667	2671	rBV	10416	13045	0.80%	0.055%
57	18.433	2673	2677	2681	rVB	19887	23506	1.44%	0.099%
58	18.474	2681	2684	2688	rBV2	9829	14426	0.89%	0.061%
59	18.680	2716	2719	2722	rVV2	6784	8526	0.52%	0.036%
60	18.768	2731	2734	2739	rVB3	5819	8743	0.54%	0.037%
61	18.851	2743	2748	2751	rVV	15480	23333	1.43%	0.098%
62	18.880	2751	2753	2755	rVV2	9387	10122	0.62%	0.043%
63	18.909	2756	2758	2762	rVV3	7537	12327	0.76%	0.052%
64	18.998	2772	2773	2782	rVB5	7115	11171	0.69%	0.047%
65	19.115	2786	2793	2799	rBV	132997	174271	10.71%	0.735%
66	19.233	2808	2813	2817	rBV4	23761	33732	2.07%	0.142%
67	19.456	2843	2851	2865	rBV2	929195	1486770	91.34%	6.273%
68	19.556	2865	2868	2872	rVB3	8430	11550	0.71%	0.049%
69	19.721	2892	2896	2902	rBV5	4762	8271	0.51%	0.035%
70	19.804	2906	2910	2912	rBV3	11184	15746	0.97%	0.066%
71	19.980	2930	2940	2947	rBV2	30201	67653	4.16%	0.285%

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72	20.080	2953	2957	2962	rVB	19340	23384	1.44%	0.099%
73	20.139	2962	2967	2970	rBV2	21548	30378	1.87%	0.128%
74	20.180	2970	2974	2977	rVV3	9731	12362	0.76%	0.052%
75	20.221	2977	2981	2985	rVB5	4201	8097	0.50%	0.034%
76	20.280	2987	2991	2994	rBV	13783	17891	1.10%	0.075%
77	20.327	2994	2999	3003	rVV	16432	22809	1.40%	0.096%
78	20.380	3003	3008	3012	rVB3	10329	13104	0.81%	0.055%
79	20.439	3015	3018	3023	rVB6	6222	8807	0.54%	0.037%
80	20.498	3023	3028	3031	rBV2	12158	16426	1.01%	0.069%
81	20.609	3045	3047	3051	rVV3	5749	7732	0.48%	0.033%
82	20.727	3064	3067	3073	rVB2	11009	16735	1.03%	0.071%
83	20.898	3089	3096	3098	rBV3	11455	20996	1.29%	0.089%
84	20.962	3099	3107	3116	rBV5	143616	258190	15.86%	1.089%
85	21.162	3139	3141	3145	rVB2	7505	8575	0.53%	0.036%
86	21.250	3149	3156	3160	rVV	1229246	1627786	100.00%	6.868%
87	21.286	3160	3162	3168	rVB	66191	75443	4.63%	0.318%
88	21.398	3178	3181	3187	rBV2	15803	27569	1.69%	0.116%
89	21.792	3245	3248	3251	rBV2	12880	14244	0.88%	0.060%
90	21.827	3251	3254	3255	rVV	9443	8318	0.51%	0.035%
91	21.845	3255	3257	3265	rVB6	10493	19300	1.19%	0.081%
92	22.280	3327	3331	3336	rBV4	22875	33984	2.09%	0.143%
93	22.403	3348	3352	3359	rBV	23739	35113	2.16%	0.148%
94	22.797	3413	3419	3425	rBV4	27858	75303	4.63%	0.318%
95	22.968	3446	3448	3453	rVB4	8869	9850	0.61%	0.042%
96	23.274	3498	3500	3503	rBV2	14704	17091	1.05%	0.072%
97	23.327	3503	3509	3515	rVV	355335	628818	38.63%	2.653%
98	23.474	3526	3534	3545	rVB	682327	1231829	75.68%	5.197%
99	23.974	3616	3619	3626	rVB5	15735	23830	1.46%	0.101%
100	24.074	3632	3636	3646	rBV9	16931	55728	3.42%	0.235%

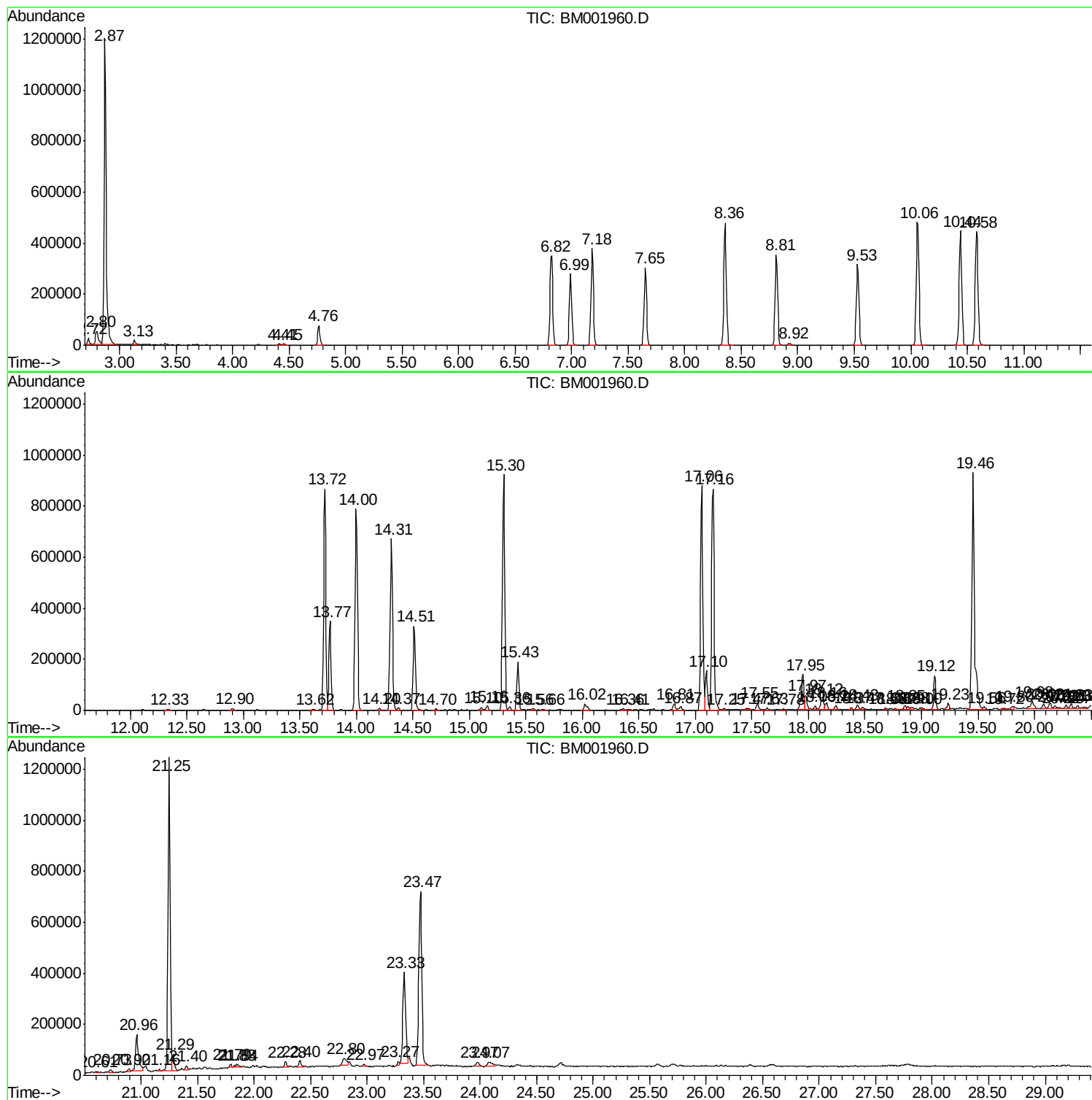
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



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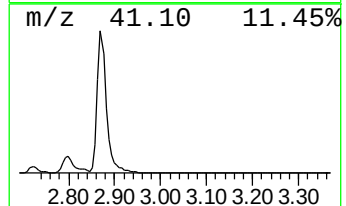
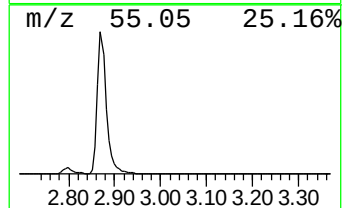
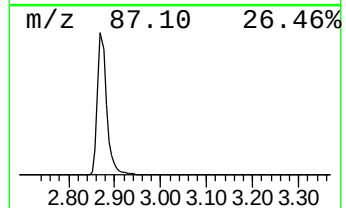
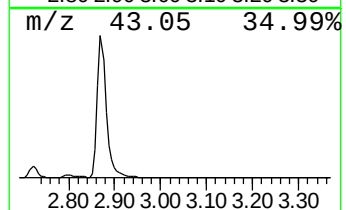
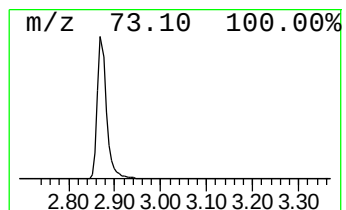
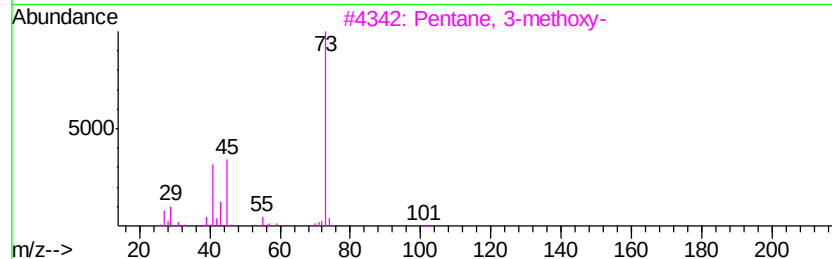
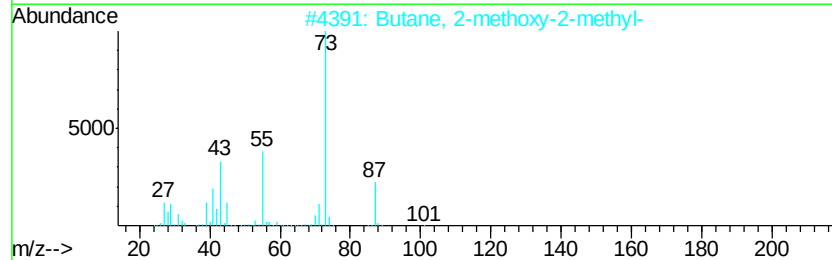
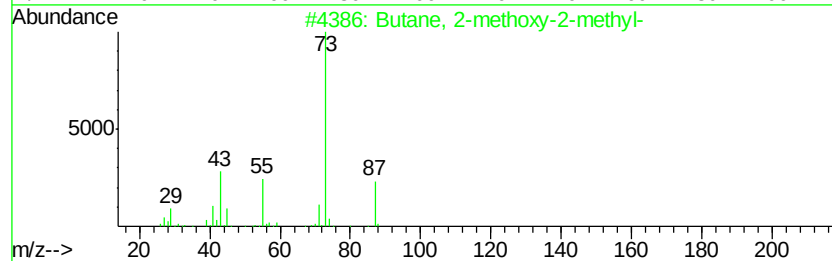
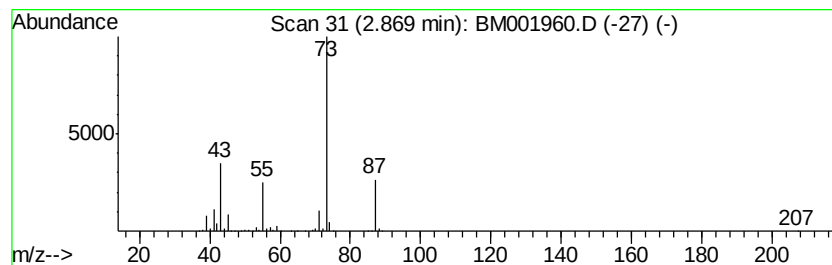
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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.
2.87	66.49 ng/ul	1588470	1,4-Dichlorobenzene-d4	7.65

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	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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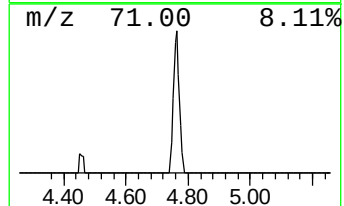
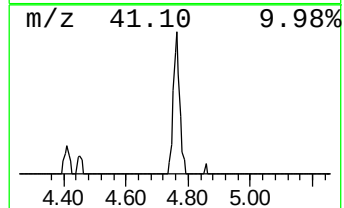
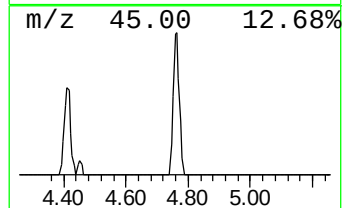
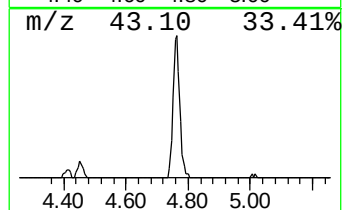
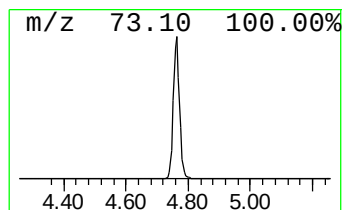
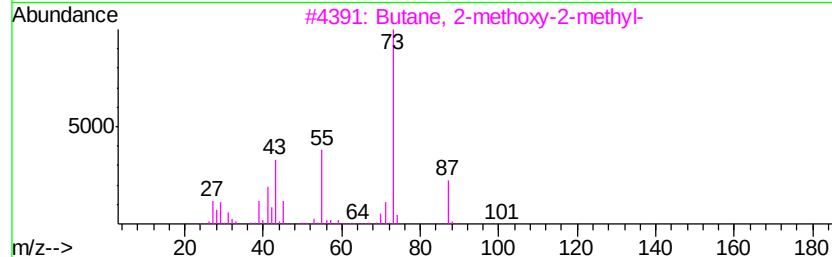
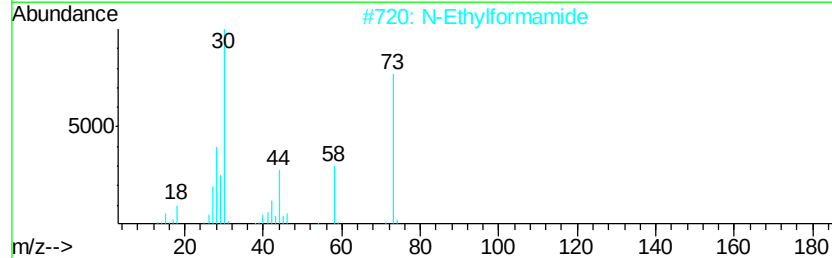
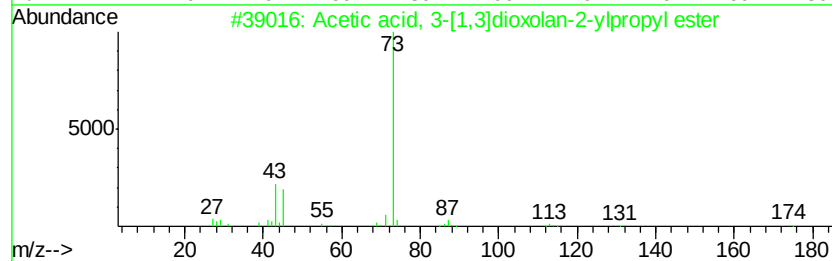
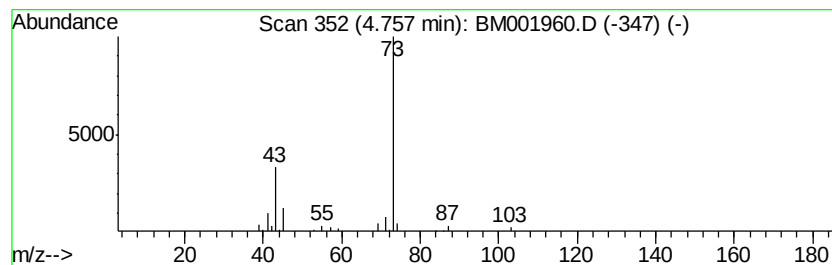
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	4.73 ng/ul	112933	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



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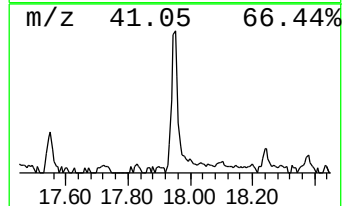
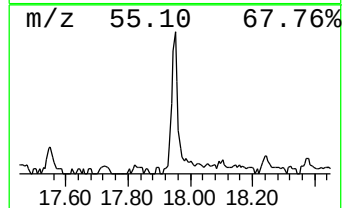
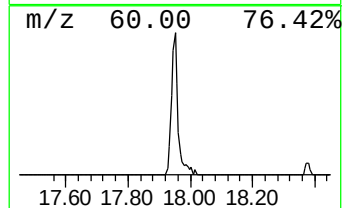
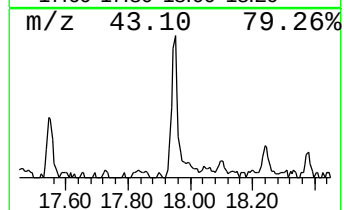
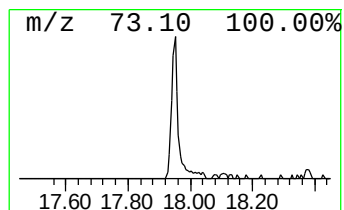
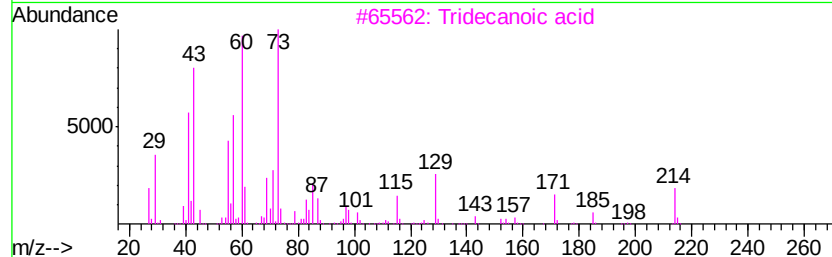
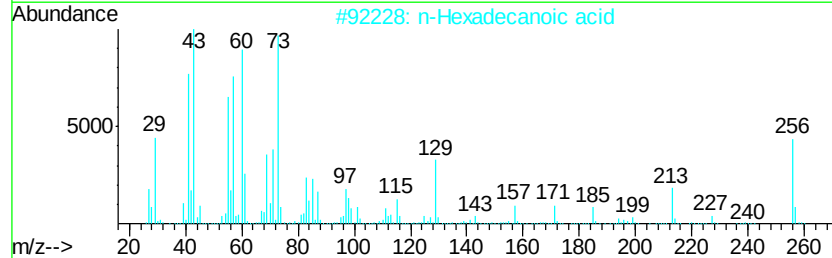
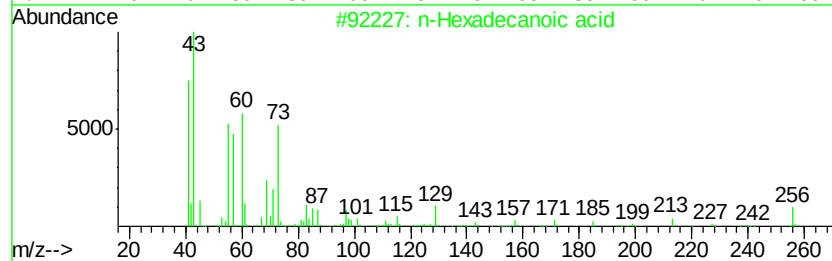
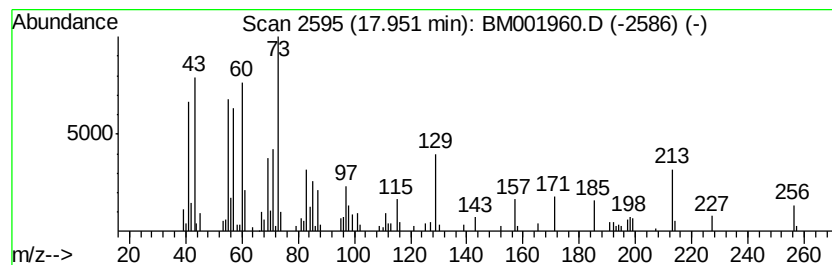
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.95	3.74 ng/ul	235284	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001960.D
Acq On : 16 Jul 2015 23:33
Operator : TP/UM
Sample : G2998-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02H9

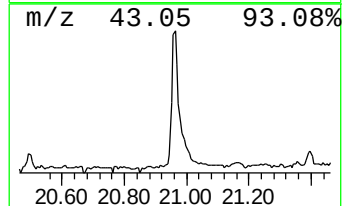
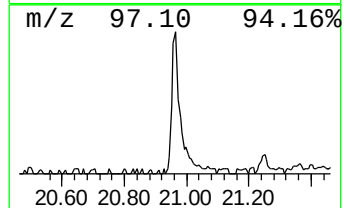
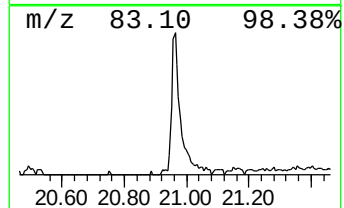
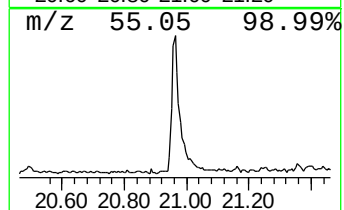
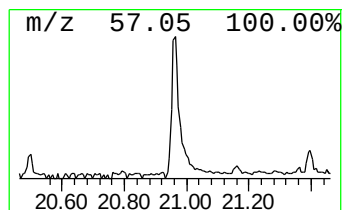
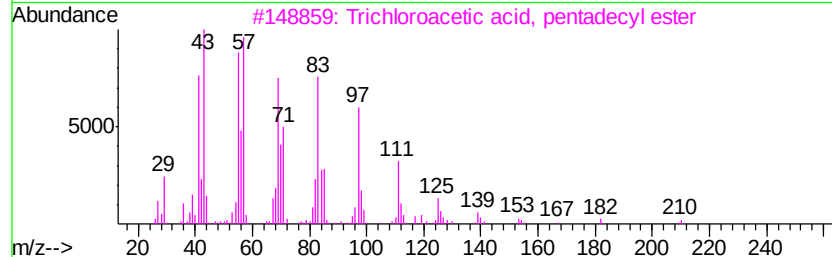
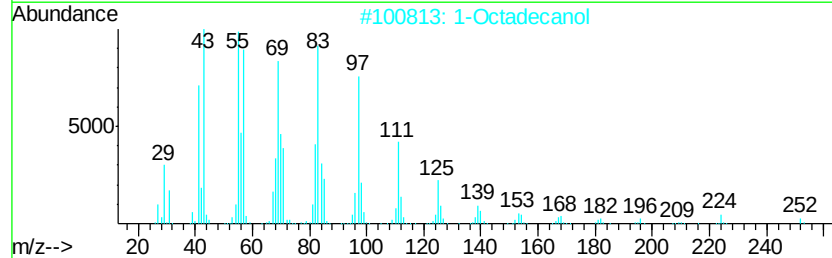
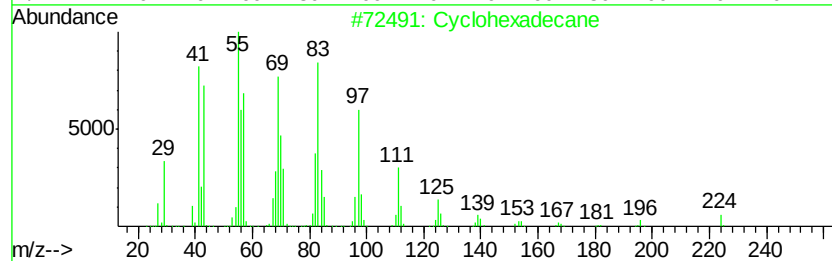
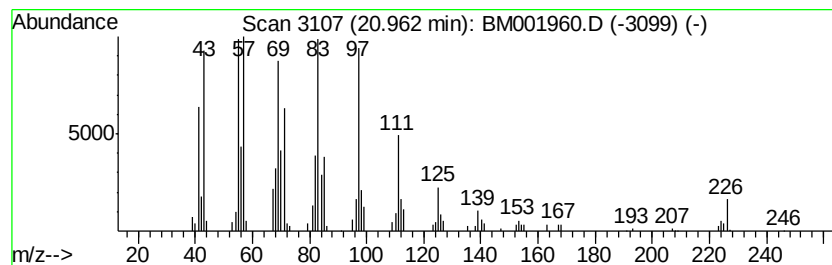
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.17 ng/ul	258190	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	97
2		1-Octadecanol	270	C18H38O	000112-92-5	93
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		1-Nonadecene	266	C19H38	018435-45-5	90



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BNA_M
ClientSampleId :
C02H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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...	2.87	66.5	ng/ul	1588470	1	7.65	477842	20.0
unknown-01	4.76	4.7	ng/ul	112933	1	7.65	477842	20.0
n-Hexadecanoic acid	17.95	3.7	ng/ul	235284	4	17.06	1256590	20.0
(DEL) Alkane: Cyc...	20.96	3.2	ng/ul	258190	5	21.25	1627790	20.0