

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000294.D
 Acq On : 21 Jan 2015 10:37
 Operator : TP/IZ
 Sample : G1105-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AS9

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\SOM01.2-EPA-BM122914.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	2.981	46	50	58	rBV	376615	575808	21.67%	1.376%
2	3.052	58	62	71	rVB	1342682	1670030	62.84%	3.992%
3	3.287	98	102	109	rBV3	161332	262499	9.88%	0.627%
4	4.563	316	319	324	rVB2	94774	126112	4.75%	0.301%
5	6.981	724	730	743	rVB	720249	1266191	47.64%	3.027%
6	7.151	754	759	767	rVB	510857	778225	29.28%	1.860%
7	7.351	787	793	800	rVB	677526	1075617	40.47%	2.571%
8	7.440	805	808	813	rVB3	45755	65163	2.45%	0.156%
9	7.816	866	872	879	rVB	744085	1204392	45.32%	2.879%
10	8.516	985	991	999	rVB2	808534	1259429	47.39%	3.010%
11	8.975	1062	1069	1076	rBV	743148	1209239	45.50%	2.890%
12	9.692	1180	1191	1204	rVB	550288	1000708	37.65%	2.392%
13	10.228	1275	1282	1290	rBV	765264	1269288	47.76%	3.034%
14	10.610	1340	1347	1354	rVB	934805	1564551	58.87%	3.740%
15	10.745	1363	1370	1380	rBV	373252	702946	26.45%	1.680%
16	11.539	1502	1505	1507	rBV3	3376	2994	0.11%	0.007%
17	11.928	1566	1571	1578	rVB5	18059	35282	1.33%	0.084%
18	12.086	1595	1598	1602	rVB	2779	3405	0.13%	0.008%
19	12.198	1610	1617	1622	rVB4	12240	19600	0.74%	0.047%
20	12.645	1690	1693	1695	rBV2	3167	3219	0.12%	0.008%
21	12.698	1695	1702	1706	rVB3	13762	21722	0.82%	0.052%
22	13.057	1761	1763	1768	rVB3	3014	3705	0.14%	0.009%
23	13.186	1780	1785	1786	rBV2	2880	3665	0.14%	0.009%
24	13.222	1786	1791	1792	rVV2	2589	4044	0.15%	0.010%
25	13.275	1794	1800	1804	rVB4	8039	12769	0.48%	0.031%
26	13.363	1814	1815	1819	rVB	3748	2961	0.11%	0.007%
27	13.863	1894	1900	1905	rBV	1246827	1702340	64.06%	4.069%
28	13.904	1905	1907	1914	rVB	92696	119102	4.48%	0.285%
29	14.080	1931	1937	1940	rBV5	6787	11942	0.45%	0.029%
30	14.145	1940	1948	1960	rVB	1327675	1984212	74.66%	4.743%
31	14.351	1977	1983	1988	rVB4	13973	19837	0.75%	0.047%
32	14.457	1993	2001	2009	rVV	1262154	1846785	69.49%	4.414%
33	14.516	2009	2011	2016	rVV4	2859	4080	0.15%	0.010%
34	14.645	2027	2033	2045	rBV	500044	796192	29.96%	1.903%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	14.869	2067	2071	2075	rBV5	10210	16108	0.61%	0.039%
36	14.957	2083	2086	2090	rBV4	6950	10597	0.40%	0.025%
37	15.098	2105	2110	2111	rBV3	3351	4794	0.18%	0.011%
38	15.269	2136	2139	2142	rVV3	3502	6475	0.24%	0.015%
39	15.298	2142	2144	2148	rVB3	6469	8644	0.33%	0.021%
40	15.451	2163	2170	2177	rBV	1583216	2321003	87.33%	5.548%
41	15.563	2182	2189	2195	rBV	403297	551149	20.74%	1.317%
42	15.686	2206	2210	2214	rVV3	18066	22891	0.86%	0.055%
43	15.810	2227	2231	2236	rBV	71626	94979	3.57%	0.227%
44	16.163	2288	2291	2292	rBV3	4769	4582	0.17%	0.011%
45	16.404	2326	2332	2335	rBV5	3454	6118	0.23%	0.015%
46	16.427	2335	2336	2339	rVB2	4135	3164	0.12%	0.008%
47	16.504	2347	2349	2352	rBV3	4743	4821	0.18%	0.012%
48	16.586	2358	2363	2366	rBV4	7262	14269	0.54%	0.034%
49	16.610	2366	2367	2372	rVB3	3014	3302	0.12%	0.008%
50	16.716	2384	2385	2389	rBV3	1815	3031	0.11%	0.007%
51	16.980	2428	2430	2436	rVB2	6437	10233	0.39%	0.024%
52	17.198	2461	2467	2474	rVV	1518997	2134608	80.32%	5.102%
53	17.298	2477	2484	2493	rVV	1699962	2450065	92.19%	5.856%
54	17.504	2517	2519	2524	rVB6	2877	4105	0.15%	0.010%
55	17.786	2564	2567	2571	rVB4	3589	6302	0.24%	0.015%
56	17.851	2574	2578	2580	rBV4	3633	5969	0.22%	0.014%
57	18.086	2613	2618	2627	rBV	368440	556282	20.93%	1.330%
58	18.280	2647	2651	2653	rVB3	5596	6026	0.23%	0.014%
59	18.345	2659	2662	2663	rBV3	4135	4516	0.17%	0.011%
60	18.462	2679	2682	2685	rBV3	5426	5476	0.21%	0.013%
61	18.580	2700	2702	2704	rBV2	4734	3891	0.15%	0.009%
62	18.680	2717	2719	2721	rVB2	3416	3009	0.11%	0.007%
63	18.757	2731	2732	2736	rVV3	6527	4579	0.17%	0.011%
64	18.815	2740	2742	2743	rBV	5178	3152	0.12%	0.008%
65	18.868	2749	2751	2754	rBV3	3630	3642	0.14%	0.009%
66	18.904	2754	2757	2759	rVB2	3278	3377	0.13%	0.008%
67	18.980	2767	2770	2772	rBV3	4953	6583	0.25%	0.016%
68	19.086	2785	2788	2789	rBV2	2907	3326	0.13%	0.008%
69	19.221	2807	2811	2819	rBV6	29442	67361	2.53%	0.161%
70	19.368	2832	2836	2852	rBV	267243	421569	15.86%	1.008%
71	19.480	2852	2855	2858	rVV2	20808	28872	1.09%	0.069%

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Integration Parameters: LSCINT.P

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72	19.515	2858	2861	2865	rVV3	44513	56773	2.14%	0.136%
73	19.592	2868	2874	2879	rVV	1929018	2657591	100.00%	6.353%
74	19.639	2879	2882	2886	rVB5	27422	38823	1.46%	0.093%
75	19.715	2894	2895	2898	rVB3	4326	3084	0.12%	0.007%
76	19.786	2905	2907	2910	rBV4	5496	5444	0.20%	0.013%
77	19.862	2916	2920	2922	rBV4	5855	9138	0.34%	0.022%
78	19.933	2930	2932	2934	rBV3	6535	5020	0.19%	0.012%
79	20.004	2941	2944	2945	rBV3	5531	4266	0.16%	0.010%
80	20.133	2962	2966	2968	rBV4	20122	21633	0.81%	0.052%
81	20.321	2995	2998	3000	rBV4	6361	7214	0.27%	0.017%
82	20.427	3012	3016	3017	rBV4	6898	6928	0.26%	0.017%
83	20.456	3019	3021	3025	rVV4	9906	12205	0.46%	0.029%
84	20.492	3025	3027	3028	rVV2	8942	7911	0.30%	0.019%
85	20.515	3028	3031	3035	rVB5	15301	18018	0.68%	0.043%
86	20.562	3036	3039	3044	rBV5	40310	49422	1.86%	0.118%
87	20.627	3047	3050	3054	rVV5	13138	16880	0.64%	0.040%
88	20.745	3067	3070	3072	rBV4	10925	12127	0.46%	0.029%
89	20.792	3076	3078	3080	rBV2	9684	8638	0.33%	0.021%
90	21.092	3124	3129	3142	rBV2	428332	1074921	40.45%	2.569%
91	21.386	3173	3179	3184	rBV	2102645	2613471	98.34%	6.247%
92	21.498	3194	3198	3201	rBV2	117178	140079	5.27%	0.335%
93	21.968	3275	3278	3282	rBV5	32278	42710	1.61%	0.102%
94	22.015	3283	3286	3290	rBV6	31210	55691	2.10%	0.133%
95	22.433	3354	3357	3364	rVB3	61823	95542	3.60%	0.228%
96	22.574	3377	3381	3385	rBV2	60174	75481	2.84%	0.180%
97	22.950	3442	3445	3452	rVB3	52353	84392	3.18%	0.202%
98	23.527	3536	3543	3554	rBV2	1343507	2647170	99.61%	6.328%
99	23.674	3561	3568	3578	rVB2	1282550	2501570	94.13%	5.980%
100	24.197	3652	3657	3661	rBV4	63192	126046	4.74%	0.301%

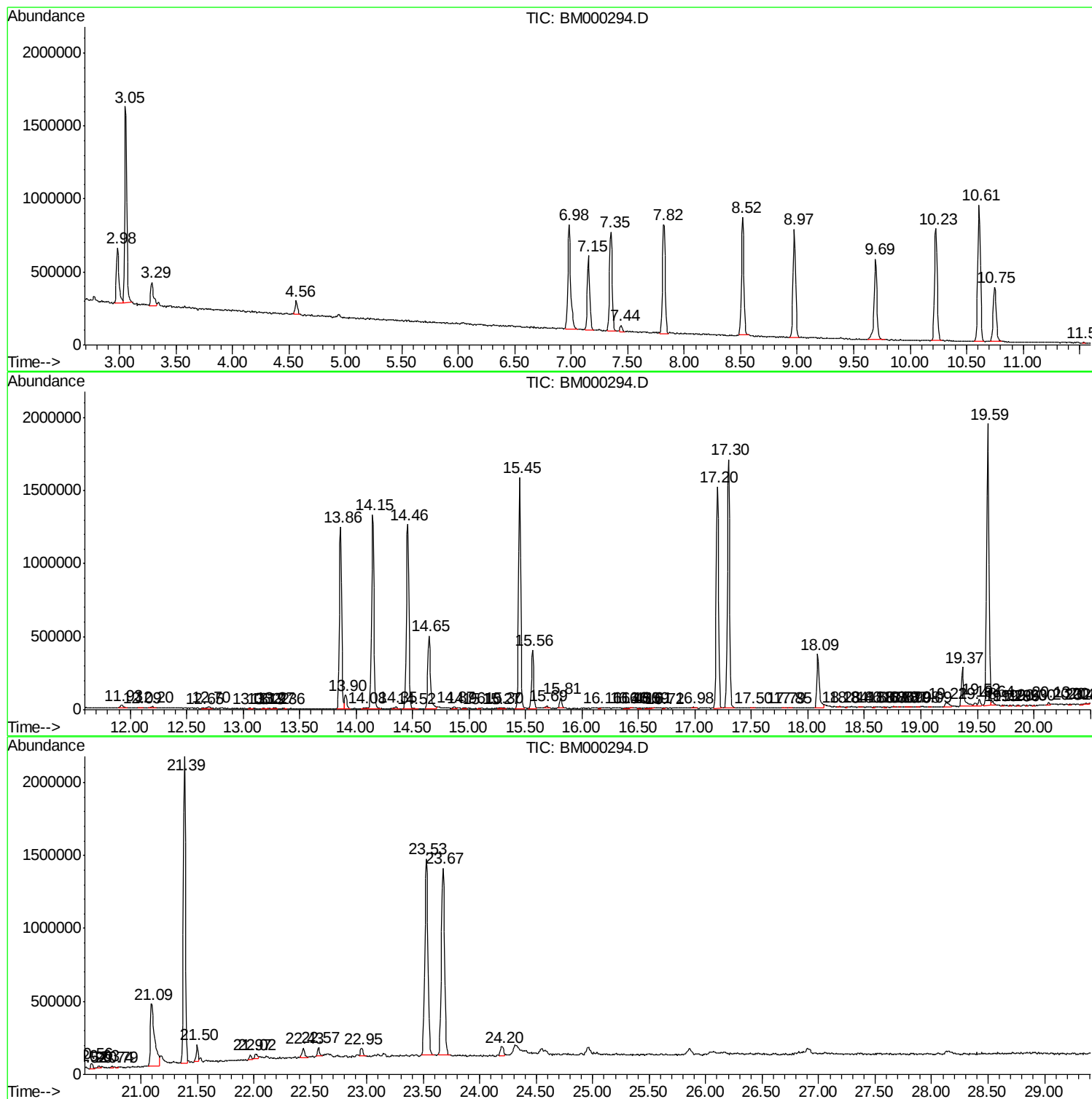
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Instrument :
ClientSampled :
C0AS9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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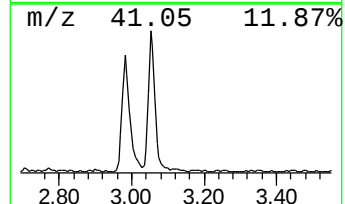
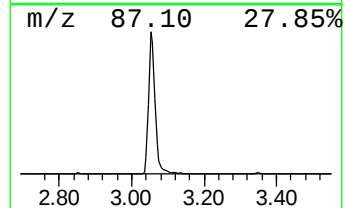
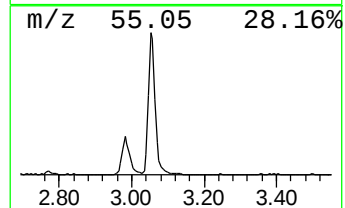
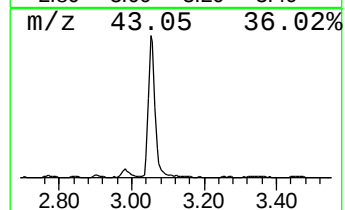
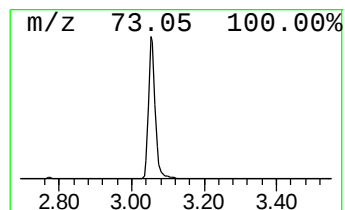
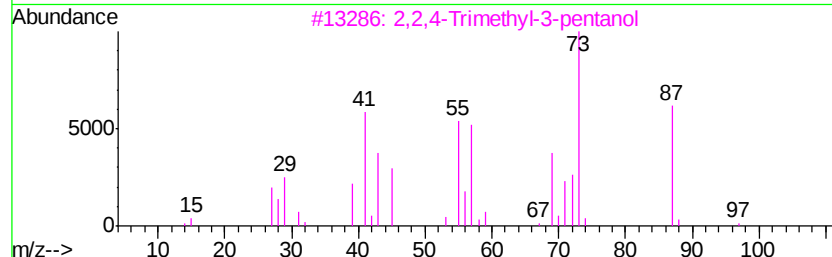
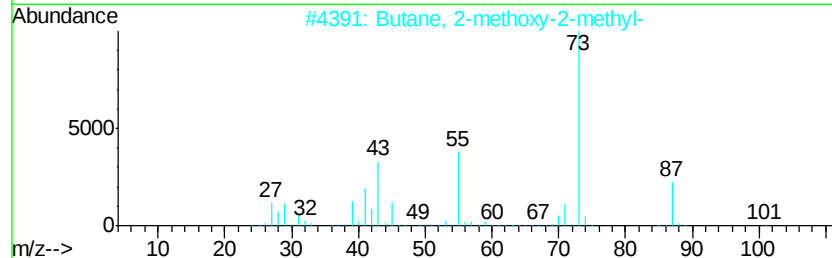
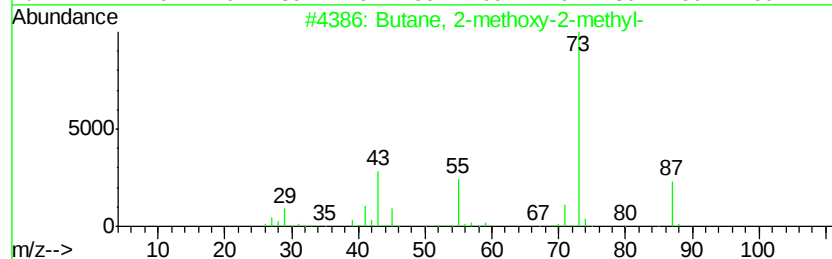
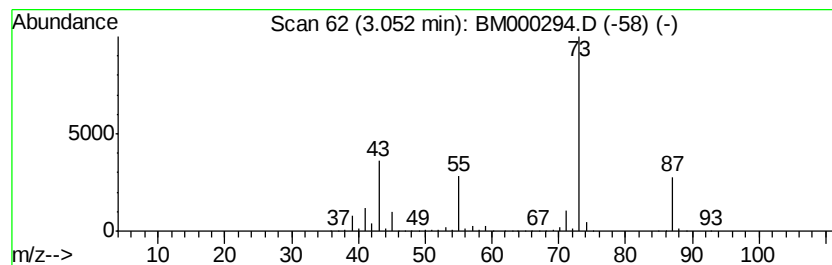
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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.
3.05	27.73 ng/ul	1670030	1,4-Dichlorobenzene-d4	7.82

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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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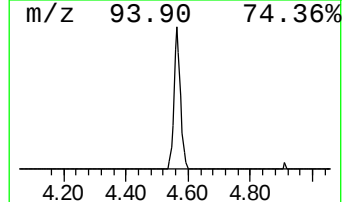
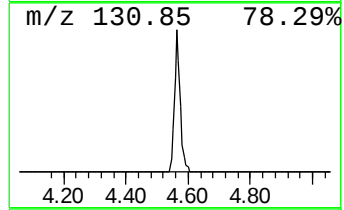
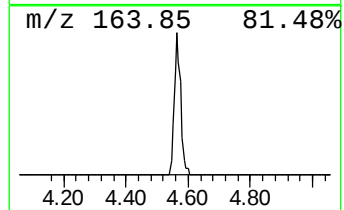
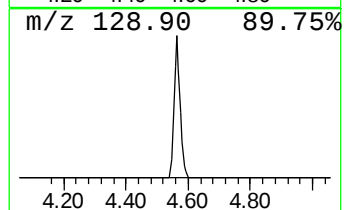
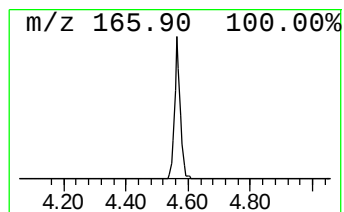
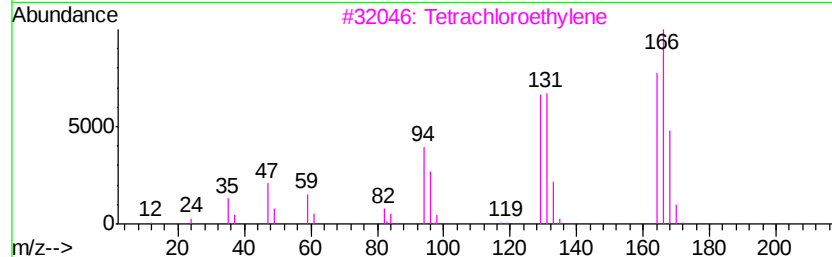
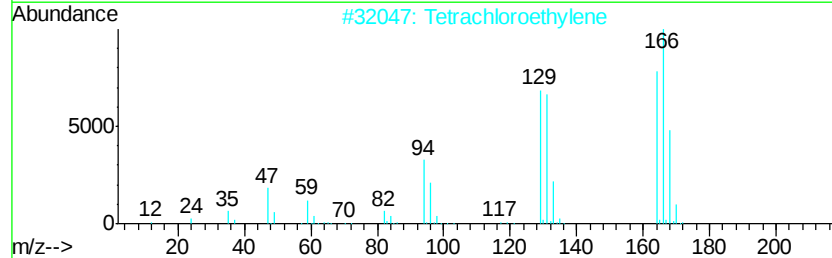
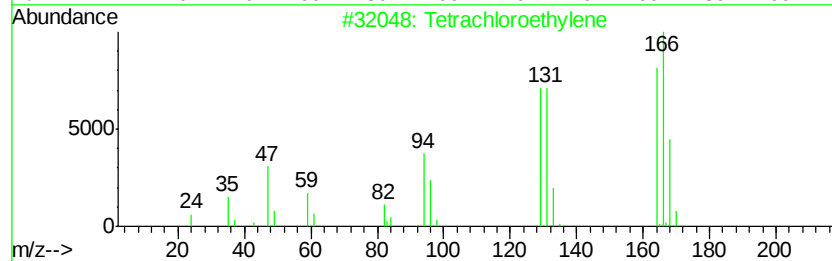
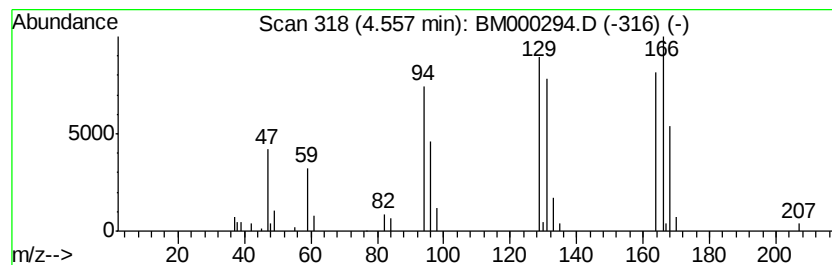
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetrachloroethylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.09 ng/ul	126112	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
2		Tetrachloroethylene	164	C2Cl4	000127-18-4	93
3		Tetrachloroethylene	164	C2Cl4	000127-18-4	93
4		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	16
5		1,3-Dichloro-2-fluorobenzene	164	C6H3Cl2F	002268-05-5	12



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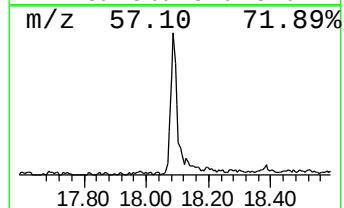
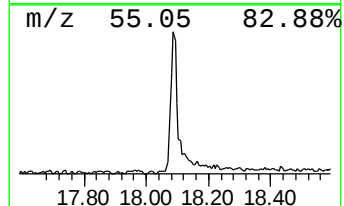
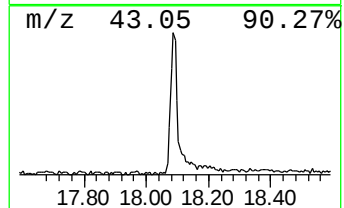
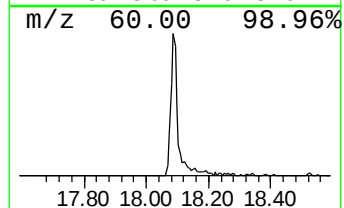
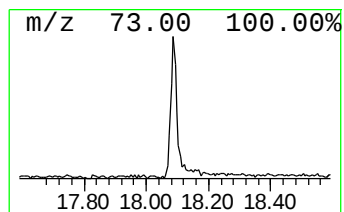
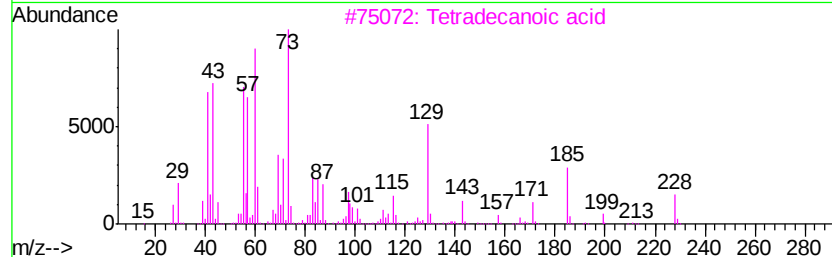
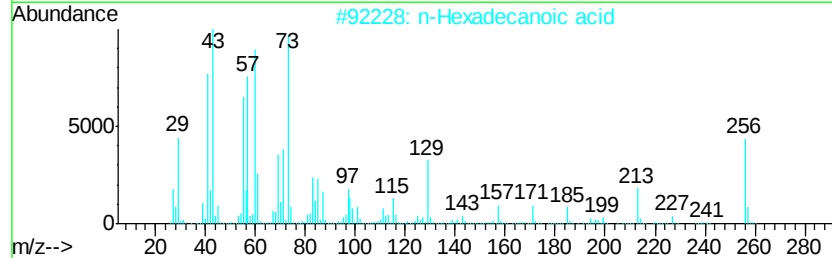
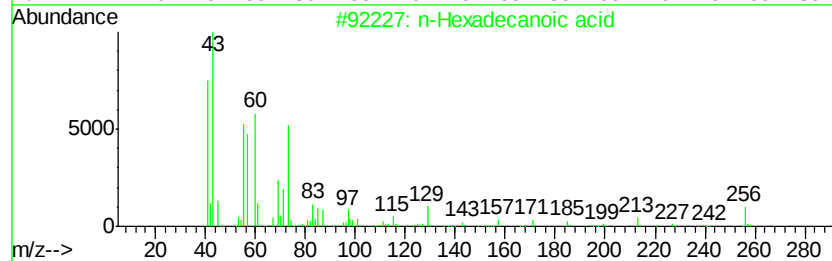
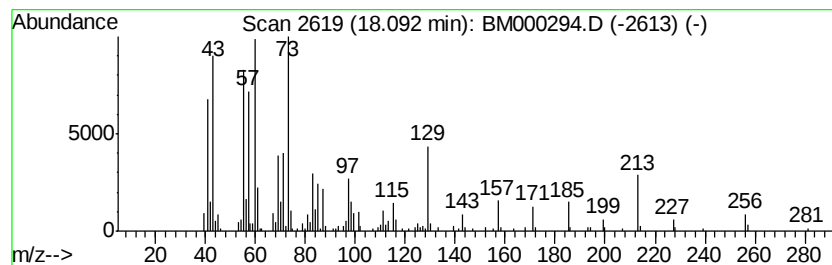
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.09	5.21 ng/ul	556282	Phenanthrene-d10		17.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000294.D
Acq On : 21 Jan 2015 10:37
Operator : TP/IZ
Sample : G1105-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AS9

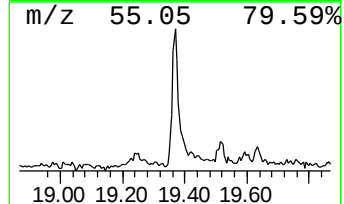
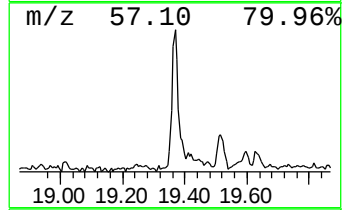
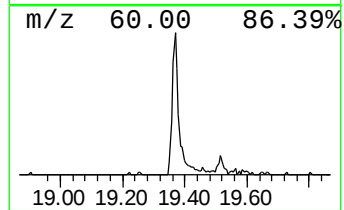
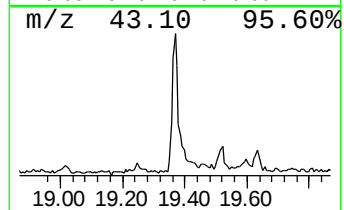
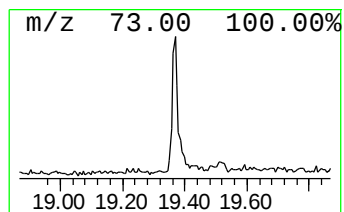
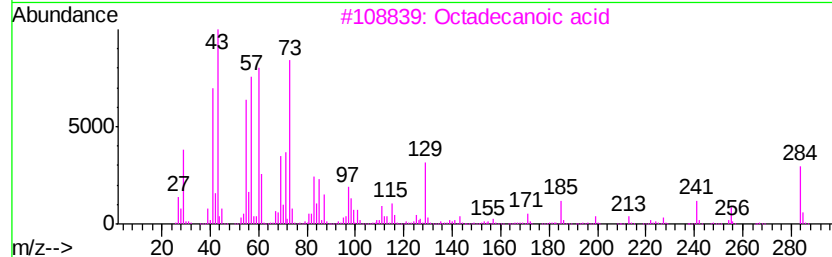
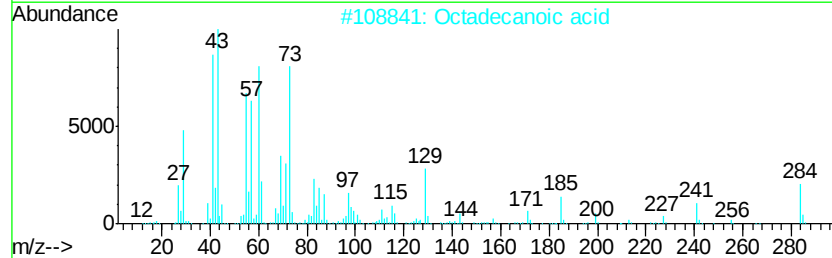
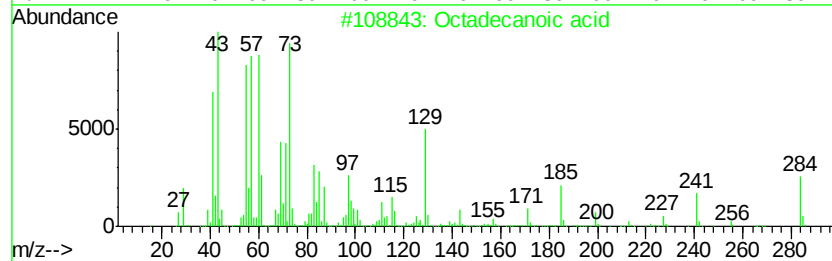
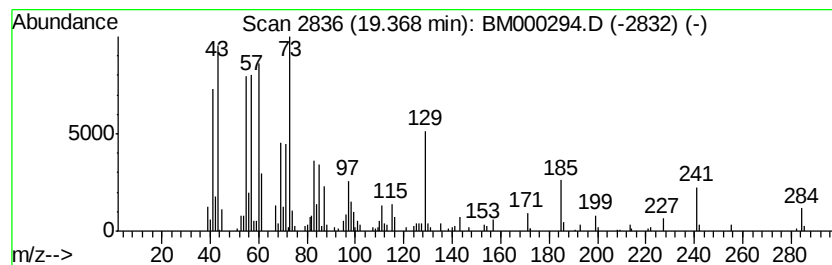
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	3.23 ng/ul	421569	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000294.D
Acq On : 21 Jan 2015 10:37
Operator : TP/IZ
Sample : G1105-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AS9

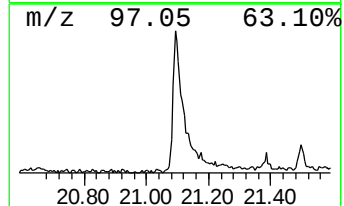
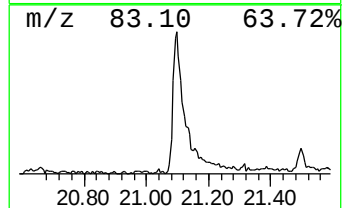
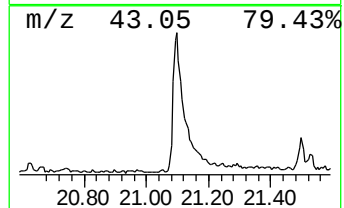
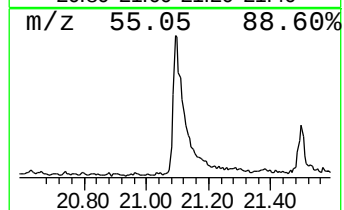
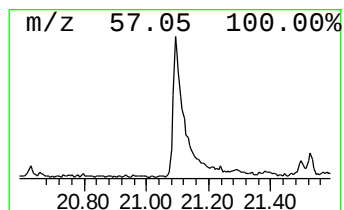
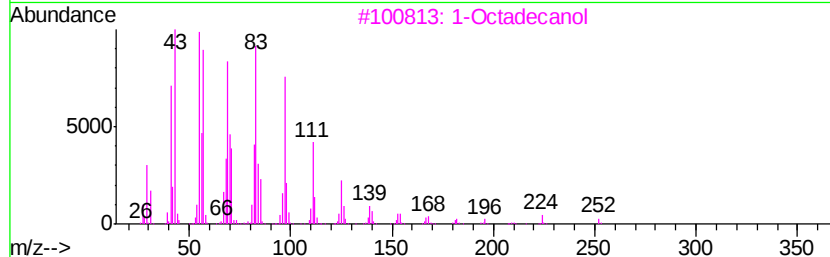
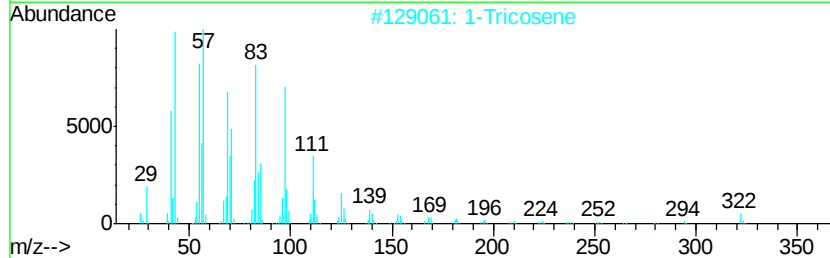
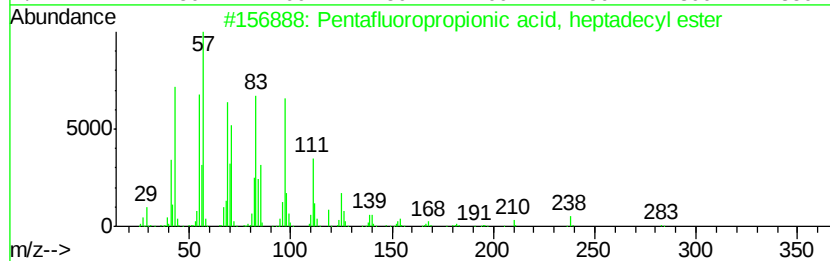
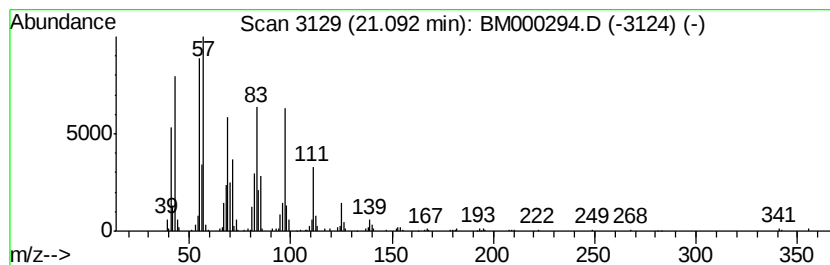
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	8.23 ng/ul	1074920	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		1-Tricosene	322	C23H46	018835-32-0	91
3		1-Octadecanol	270	C18H38O	000112-92-5	91
4		1-Tetracosanol	354	C24H50O	000506-51-4	91
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000294.D
Acq On : 21 Jan 2015 10:37
Operator : TP/IZ
Sample : G1105-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AS9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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...	3.05	27.7	ng/ul	1670030	1	7.82	1204390	20.0
Tetrachloroethylene	4.56	2.1	ng/ul	126112	1	7.82	1204390	20.0
n-Hexadecanoic acid	18.09	5.2	ng/ul	556282	4	17.20	2134610	20.0
Octadecanoic acid	19.37	3.2	ng/ul	421569	5	21.39	2613470	20.0
Pentafluoropropio...	21.09	8.2	ng/ul	1074920	5	21.39	2613470	20.0