

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004207.D
 Acq On : 08 Feb 2016 19:22
 Operator : SJ/IZ
 Sample : H1340-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04Q2

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-BM012016.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	3.122	3	6	10	rVB	3100	4188	0.63%	0.056%
2	3.546	75	78	83	rVB	2858	4143	0.62%	0.055%
3	3.640	91	94	101	rBB	16525	20629	3.09%	0.275%
4	3.716	104	107	110	rBB	1772	2152	0.32%	0.029%
5	4.081	166	169	174	rBV	13747	17620	2.64%	0.235%
6	4.493	235	239	244	rBV2	9562	13129	1.96%	0.175%
7	4.863	300	302	306	rBB	2238	2755	0.41%	0.037%
8	6.840	632	638	647	rBB	69742	107402	16.07%	1.433%
9	6.993	659	664	671	rBB	63289	94860	14.19%	1.266%
10	7.193	692	698	705	rBB	82314	126047	18.86%	1.682%
11	7.657	771	777	784	rBB	99592	152588	22.83%	2.036%
12	8.375	894	899	905	rBB	25317	38002	5.69%	0.507%
13	8.816	968	974	982	rBB	81174	127887	19.13%	1.706%
14	8.957	994	998	1006	rBB	5636	8749	1.31%	0.117%
15	9.534	1091	1096	1103	rBB	67391	104231	15.59%	1.391%
16	10.075	1182	1188	1197	rBB	100074	162052	24.25%	2.162%
17	10.445	1244	1251	1259	rBB	163428	263476	39.42%	3.515%
18	10.586	1270	1275	1289	rBV	54895	93556	14.00%	1.248%
19	12.045	1520	1523	1525	rBB	1181	1284	0.19%	0.017%
20	13.133	1705	1708	1710	rBB	1934	1866	0.28%	0.025%
21	13.727	1803	1809	1813	rBV	216699	286977	42.94%	3.828%
22	13.775	1813	1817	1823	rVB	109643	146456	21.91%	1.954%
23	14.004	1850	1856	1865	rBB	241457	354053	52.97%	4.723%
24	14.210	1888	1891	1895	rBB	13876	16767	2.51%	0.224%
25	14.316	1903	1909	1916	rBB2	259264	380185	56.88%	5.072%
26	14.539	1942	1947	1961	rBB	62231	103945	15.55%	1.387%
27	14.657	1965	1967	1969	rBV	1694	1912	0.29%	0.026%
28	14.686	1969	1972	1975	rVV2	1904	2408	0.36%	0.032%
29	14.716	1975	1977	1979	rVB	1687	1248	0.19%	0.017%
30	14.833	1994	1997	2000	rBB	2844	3273	0.49%	0.044%
31	15.116	2042	2045	2049	rBV	3580	4185	0.63%	0.056%
32	15.169	2049	2054	2058	rVB	22005	25621	3.83%	0.342%
33	15.227	2061	2064	2068	rBB	1222	1460	0.22%	0.019%
34	15.316	2073	2079	2085	rBB	319697	457791	68.49%	6.107%

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35	15.451	2098	2102	2108	rBB	63874	79123	11.84%	1.056%
36	15.557	2116	2120	2122	rBV2	4883	7627	1.14%	0.102%
37	15.669	2136	2139	2142	rBB	1801	1698	0.25%	0.023%
38	15.727	2146	2149	2151	rBB	2309	2319	0.35%	0.031%
39	15.786	2157	2159	2163	rBB	2613	2740	0.41%	0.037%
40	15.868	2170	2173	2176	rBB2	2168	2203	0.33%	0.029%
41	16.033	2197	2201	2214	rBV	21799	37859	5.66%	0.505%
42	16.374	2256	2259	2263	rBV	2498	3870	0.58%	0.052%
43	16.439	2267	2270	2273	rVB	1608	1599	0.24%	0.021%
44	16.539	2285	2287	2289	rBB	1646	1362	0.20%	0.018%
45	16.604	2296	2298	2301	rBB	1253	1274	0.19%	0.017%
46	16.827	2331	2336	2340	rBV	11502	14877	2.23%	0.198%
47	16.874	2340	2344	2349	rVB2	3825	5071	0.76%	0.068%
48	17.068	2371	2377	2382	rBV	344746	471257	70.51%	6.287%
49	17.110	2382	2384	2388	rVV	10080	11408	1.71%	0.152%
50	17.168	2388	2394	2402	rVB	353224	486775	72.83%	6.494%
51	17.451	2439	2442	2450	rBB3	9090	13288	1.99%	0.177%
52	17.563	2458	2461	2464	rBB	6437	7283	1.09%	0.097%
53	17.962	2523	2529	2533	rBV2	13238	18176	2.72%	0.242%
54	18.033	2538	2541	2545	rBB	1422	1897	0.28%	0.025%
55	18.133	2556	2558	2562	rBB2	1740	1892	0.28%	0.025%
56	18.257	2576	2579	2582	rBB	3990	4373	0.65%	0.058%
57	18.498	2617	2620	2623	rBB2	2719	2976	0.45%	0.040%
58	18.874	2680	2684	2685	rBV	1437	1786	0.27%	0.024%
59	18.898	2685	2688	2691	rVB	4539	4612	0.69%	0.062%
60	19.015	2705	2708	2711	rVB	1015	1528	0.23%	0.020%
61	19.104	2720	2723	2725	rBV	2818	3346	0.50%	0.045%
62	19.139	2725	2729	2736	rVB	37372	48232	7.22%	0.643%
63	19.257	2746	2749	2753	rVB	4334	5323	0.80%	0.071%
64	19.357	2762	2766	2774	rBV2	2177	3491	0.52%	0.047%
65	19.474	2780	2786	2798	rVB	482096	668371	100.00%	8.917%
66	19.686	2819	2822	2827	rBV	1363	1465	0.22%	0.020%
67	19.751	2827	2833	2834	rBV	1227	1902	0.28%	0.025%
68	19.921	2859	2862	2866	rVB2	7562	7812	1.17%	0.104%
69	20.015	2866	2878	2882	rBV3	6349	15880	2.38%	0.212%
70	20.080	2882	2889	2891	rBV	1057	1761	0.26%	0.023%
71	20.104	2891	2893	2897	rBV	1956	2765	0.41%	0.037%

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72	20.162	2900	2903	2907	rVV2	3696	5356	0.80%	0.071%
73	20.304	2923	2927	2928	rBV	2156	2375	0.36%	0.032%
74	20.351	2932	2935	2938	rVB3	1477	1893	0.28%	0.025%
75	20.404	2938	2944	2947	rBV2	4722	6610	0.99%	0.088%
76	20.433	2947	2949	2950	rBV2	1511	1574	0.24%	0.021%
77	20.456	2950	2953	2959	rVB	7170	7607	1.14%	0.101%
78	20.521	2959	2964	2966	rBV3	5388	9578	1.43%	0.128%
79	20.627	2980	2982	2987	rVB4	2143	2421	0.36%	0.032%
80	20.686	2990	2992	2994	rBV2	2391	2060	0.31%	0.027%
81	20.756	3001	3004	3008	rVB2	5271	7077	1.06%	0.094%
82	20.880	3022	3025	3028	rBV4	3028	3936	0.59%	0.053%
83	20.921	3028	3032	3034	rBV4	3620	3882	0.58%	0.052%
84	20.980	3036	3042	3050	rBV4	52163	82212	12.30%	1.097%
85	21.056	3052	3055	3058	rVB	4184	5123	0.77%	0.068%
86	21.186	3074	3077	3080	rBV	7461	8426	1.26%	0.112%
87	21.274	3086	3092	3097	rBV	512274	662104	99.06%	8.833%
88	21.309	3097	3098	3103	rVB	25415	22885	3.42%	0.305%
89	21.592	3142	3146	3151	rVB4	12512	16666	2.49%	0.222%
90	21.850	3187	3190	3192	rBV	14950	16643	2.49%	0.222%
91	22.309	3265	3268	3272	rVB2	16098	19696	2.95%	0.263%
92	22.439	3286	3290	3294	rVB	11871	15766	2.36%	0.210%
93	22.809	3348	3353	3357	rBV	61341	95813	14.34%	1.278%
94	23.315	3435	3439	3441	rBV	10624	14896	2.23%	0.199%
95	23.368	3441	3448	3454	rVV	328729	594233	88.91%	7.928%
96	23.509	3465	3472	3488	rVB2	300120	560201	83.82%	7.474%
97	24.009	3551	3557	3564	rVB	53695	104013	15.56%	1.388%
98	24.744	3678	3682	3690	rVB5	15034	31547	4.72%	0.421%
99	25.191	3753	3758	3769	rVB5	23969	57980	8.67%	0.773%
100	25.603	3823	3828	3836	rVB2	21811	51134	7.65%	0.682%

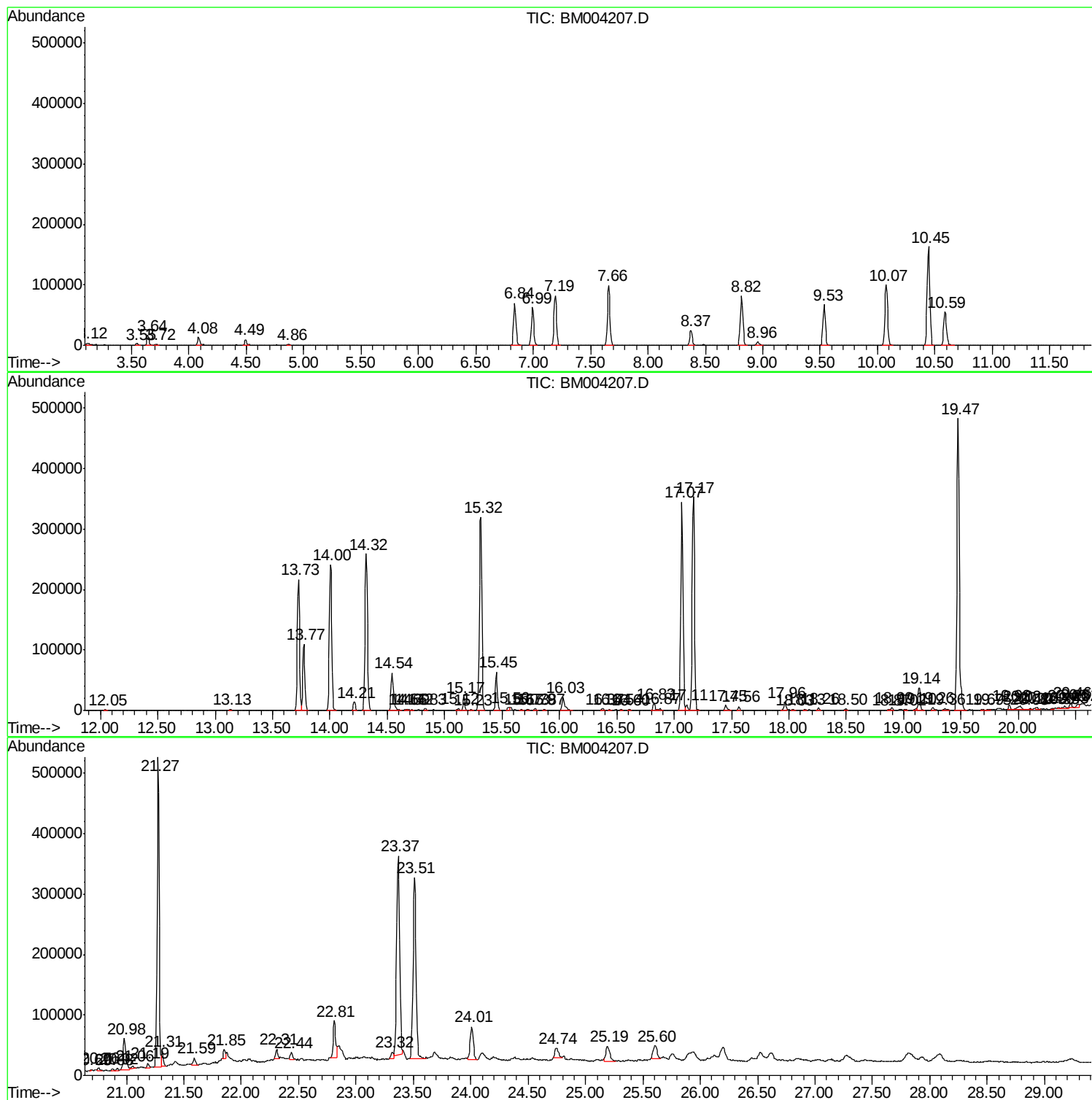
Sum of corrected areas: 7495825

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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ClientSampled :
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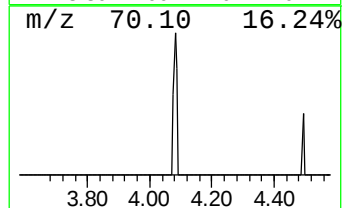
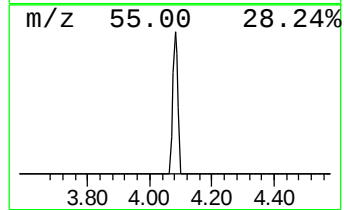
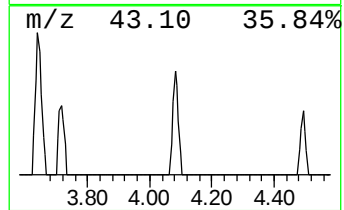
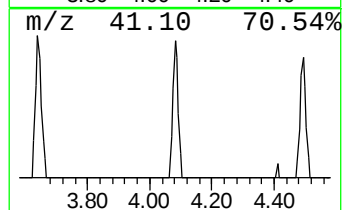
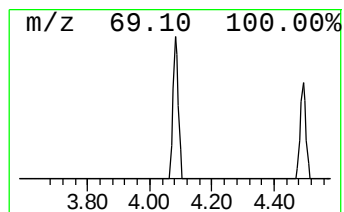
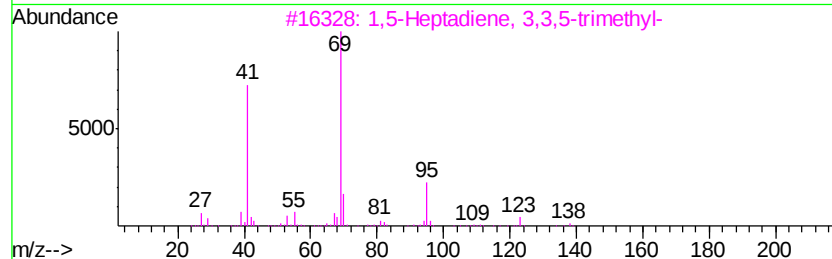
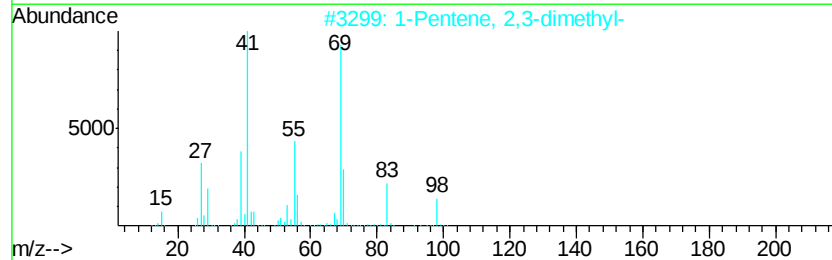
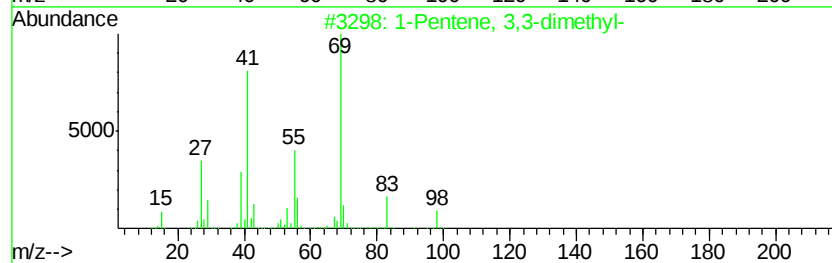
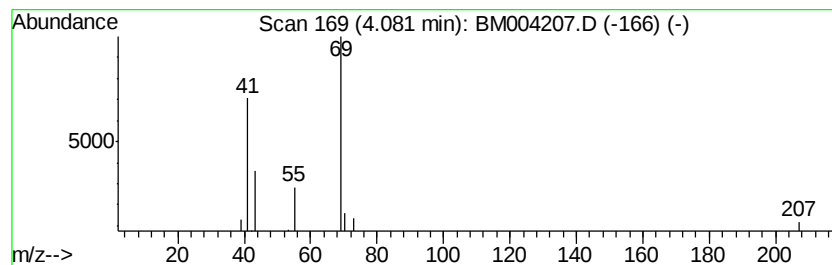
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic4.08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	2.31 ng/ul	17620	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
2		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	9
3		1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	9
4		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	9
5		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	9



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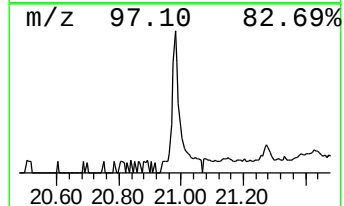
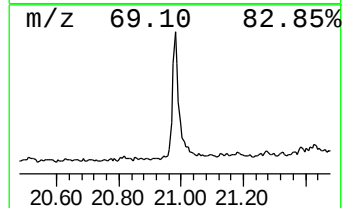
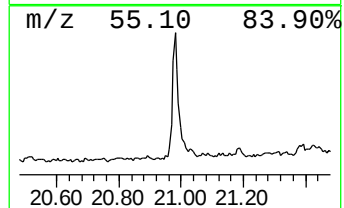
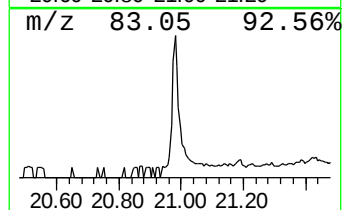
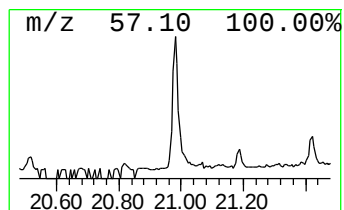
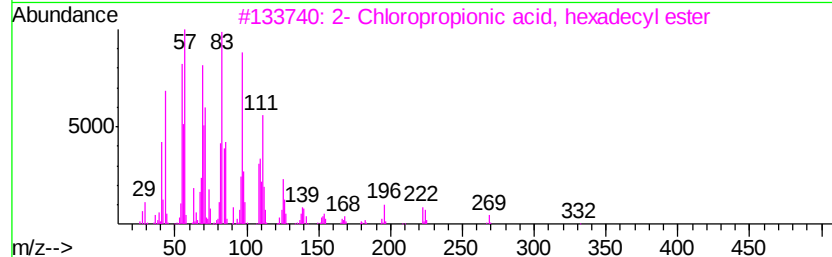
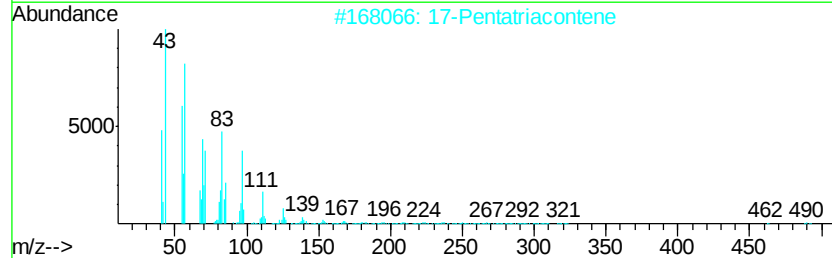
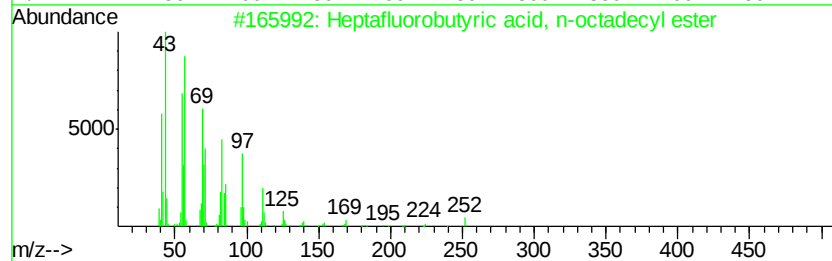
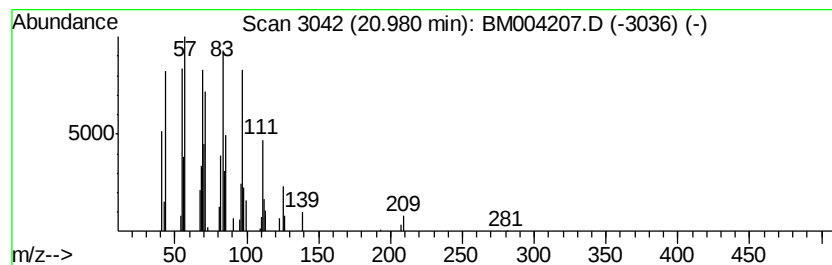
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.48 ng/ul	82212	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



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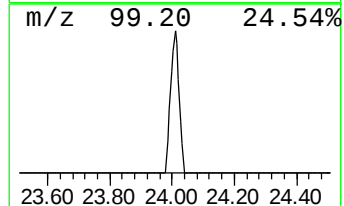
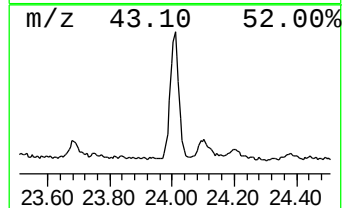
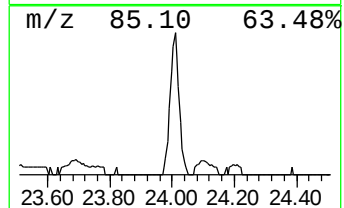
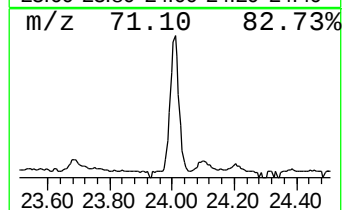
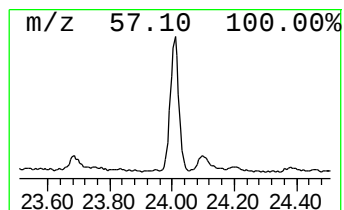
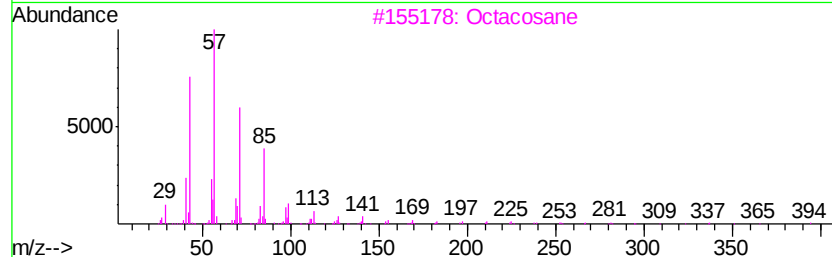
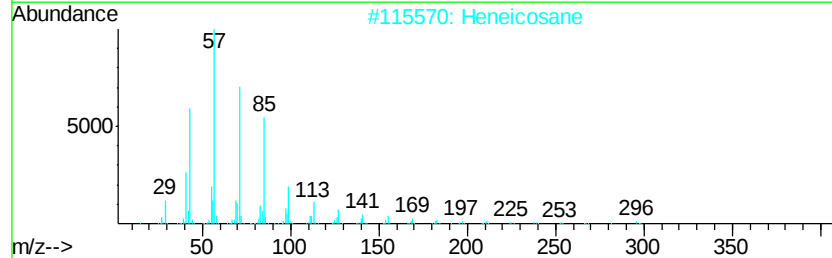
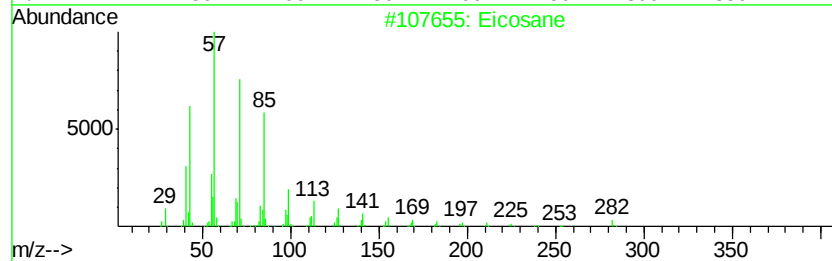
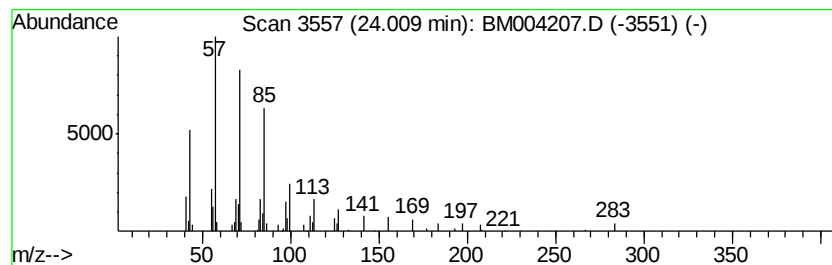
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.71 ng/ul	104013	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004207.D
Acq On : 08 Feb 2016 19:22
Operator : SJ/IZ
Sample : H1340-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

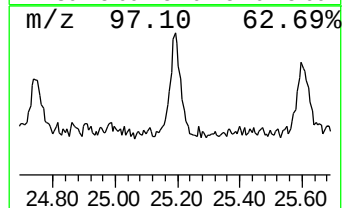
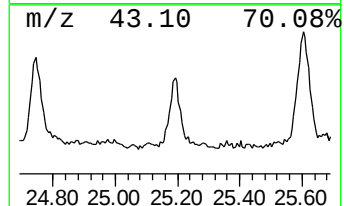
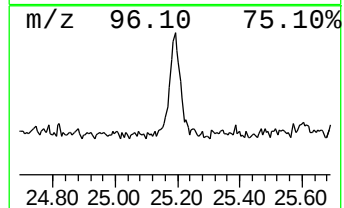
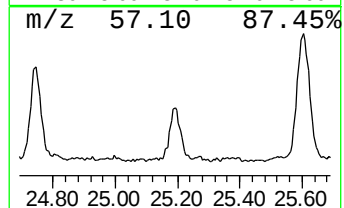
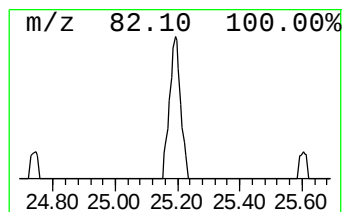
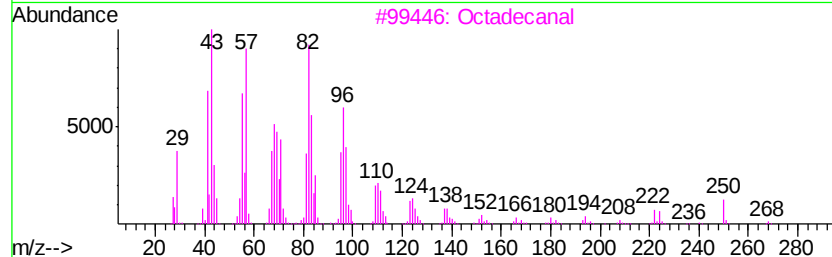
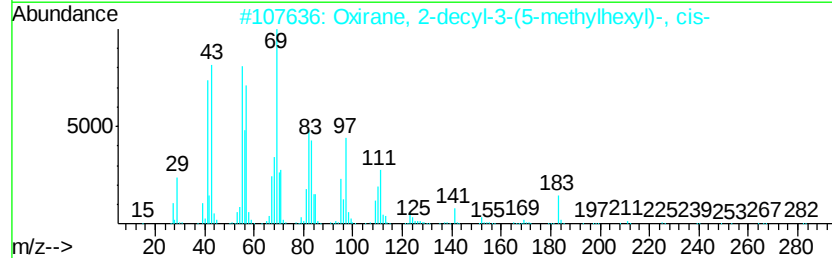
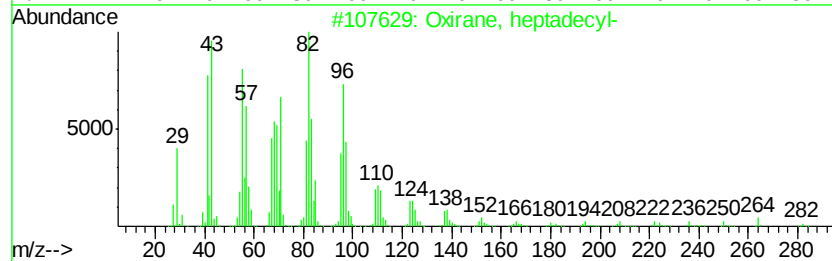
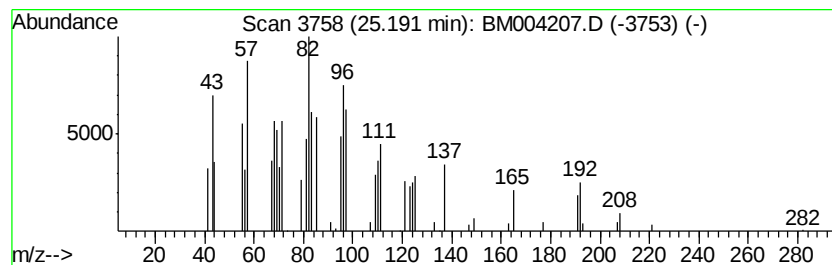
Instrument :
BNA_M
ClientSampleId :
C04Q2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Oxirane, heptadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.19	2.07 ng/ul	57980	Perylene-d12	23.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	92
2	Oxirane, 2-decyl-3-(5-methylhexy...	282	C19H38O	029804-22-6	70
3	Octadecanal	268	C18H36O	000638-66-4	58
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58
5	Hexadecanal	240	C16H32O	000629-80-1	58



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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
(DEL) Alkane: Cyc...	4.08	2.3	ng/ul	17620	1	7.66	152588	20.0
Heptafluorobutyri...	20.98	2.5	ng/ul	82212	5	21.27	662104	20.0
(DEL) Alkane: Str...	24.01	3.7	ng/ul	104013	6	23.51	560201	20.0
Oxirane, heptadecyl-	25.19	2.1	ng/ul	57980	6	23.51	560201	20.0