

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
 Data File : BM003100.D
 Acq On : 12 Nov 2015 00:13
 Operator : UM/IZ
 Sample : G4322-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HS5

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-BM103015.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	3.216	18	22	28	rVB	11569	14872	0.63%	0.055%
2	3.857	127	131	138	rVB	5928	8880	0.38%	0.033%
3	3.957	142	148	159	rVV	175738	248652	10.52%	0.911%
4	4.057	160	165	170	rVB	16572	21867	0.92%	0.080%
5	4.399	217	223	231	rVB	6426	9058	0.38%	0.033%
6	4.863	295	302	311	rVB2	39874	65966	2.79%	0.242%
7	6.145	514	520	525	rBB	17003	23176	0.98%	0.085%
8	6.910	644	650	660	rBB	221864	353461	14.95%	1.295%
9	7.087	673	680	688	rBB	178558	274255	11.60%	1.005%
10	7.281	707	713	720	rBB	232604	357403	15.12%	1.310%
11	7.751	787	793	800	rBB	516772	795857	33.66%	2.917%
12	8.451	906	912	920	rBB	299972	459651	19.44%	1.685%
13	8.569	928	932	936	rBB	4205	6411	0.27%	0.023%
14	8.904	983	989	997	rBB	212261	342357	14.48%	1.255%
15	9.334	1057	1062	1066	rBB	4919	6761	0.29%	0.025%
16	9.628	1106	1112	1119	rBB	173282	279012	11.80%	1.023%
17	10.157	1196	1202	1210	rBB	297068	487794	20.63%	1.788%
18	10.545	1260	1268	1275	rBV	776610	1307555	55.30%	4.792%
19	10.675	1284	1290	1303	rBV	195411	324124	13.71%	1.188%
20	12.133	1534	1538	1542	rBB	4253	5660	0.24%	0.021%
21	13.804	1816	1822	1826	rBV	597463	797508	33.73%	2.923%
22	13.851	1826	1830	1839	rVB	346140	461214	19.51%	1.690%
23	14.086	1863	1870	1879	rBV	651533	962733	40.72%	3.529%
24	14.298	1903	1906	1910	rBB	10110	12325	0.52%	0.045%
25	14.398	1916	1923	1931	rVB2	1229093	1866127	78.92%	6.840%
26	14.586	1949	1955	1963	rBV	207913	295064	12.48%	1.081%
27	14.804	1987	1992	1998	rVB3	4886	6444	0.27%	0.024%
28	15.198	2056	2059	2064	rBV2	3597	6116	0.26%	0.022%
29	15.251	2064	2068	2074	rVB	21209	25974	1.10%	0.095%
30	15.392	2085	2092	2098	rBV	874792	1240635	52.47%	4.547%
31	15.504	2105	2111	2117	rBV	203686	266576	11.27%	0.977%
32	15.633	2129	2133	2136	rBV	8885	14464	0.61%	0.053%
33	15.657	2136	2137	2142	rVV	6836	7168	0.30%	0.026%
34	15.868	2167	2173	2178	rVB2	3449	6071	0.26%	0.022%

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35	16.115	2210	2215	2224	rBV	28387	52068	2.20%	0.191%
36	16.280	2238	2243	2248	rVB2	6665	10671	0.45%	0.039%
37	16.345	2248	2254	2257	rBV	3755	5955	0.25%	0.022%
38	16.462	2269	2274	2280	rVV3	3817	10103	0.43%	0.037%
39	16.539	2280	2287	2290	rVV5	5676	11918	0.50%	0.044%
40	16.627	2295	2302	2306	rVV4	3389	7407	0.31%	0.027%
41	16.904	2344	2349	2355	rVV2	26128	40929	1.73%	0.150%
42	16.957	2355	2358	2364	rVB5	9099	14593	0.62%	0.053%
43	17.045	2368	2373	2375	rBV5	3174	5322	0.23%	0.020%
44	17.139	2383	2389	2394	rBV2	1500951	2229271	94.28%	8.171%
45	17.186	2394	2397	2400	rVV	55887	72319	3.06%	0.265%
46	17.239	2400	2406	2417	rVV	932790	1308152	55.32%	4.795%
47	17.374	2426	2429	2435	rVB4	3827	8131	0.34%	0.030%
48	17.445	2435	2441	2442	rBV3	3434	5549	0.23%	0.020%
49	17.509	2448	2452	2454	rBV2	4108	5469	0.23%	0.020%
50	17.639	2469	2474	2479	rBV	15255	20578	0.87%	0.075%
51	17.927	2516	2523	2528	rBV3	5844	11266	0.48%	0.041%
52	18.033	2533	2541	2544	rVV2	52446	81804	3.46%	0.300%
53	18.062	2544	2546	2550	rVV	16797	22562	0.95%	0.083%
54	18.109	2551	2554	2557	rVV	6690	9162	0.39%	0.034%
55	18.145	2557	2560	2563	rVV2	4022	5572	0.24%	0.020%
56	18.209	2566	2571	2574	rVV3	13716	23988	1.01%	0.088%
57	18.251	2574	2578	2582	rVB2	9343	14035	0.59%	0.051%
58	18.333	2589	2592	2596	rVB3	5139	6543	0.28%	0.024%
59	18.521	2620	2624	2626	rBV	7032	8063	0.34%	0.030%
60	18.556	2626	2630	2634	rVB3	9407	11771	0.50%	0.043%
61	18.898	2683	2688	2690	rBV2	7631	11415	0.48%	0.042%
62	18.939	2690	2695	2698	rVV2	11223	18721	0.79%	0.069%
63	18.974	2698	2701	2704	rVV4	8979	12980	0.55%	0.048%
64	19.074	2714	2718	2724	rVB2	5672	11225	0.47%	0.041%
65	19.168	2731	2734	2735	rBV	12225	10713	0.45%	0.039%
66	19.198	2735	2739	2745	rVB	136078	187794	7.94%	0.688%
67	19.315	2755	2759	2763	rBV4	30190	40505	1.71%	0.148%
68	19.421	2775	2777	2784	rVV2	5533	12318	0.52%	0.045%
69	19.539	2791	2797	2809	rVB2	1098860	1647289	69.67%	6.038%
70	19.639	2811	2814	2819	rVB4	7344	8552	0.36%	0.031%
71	19.745	2828	2832	2837	rBV2	8689	14429	0.61%	0.053%

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72	19.892	2852	2857	2864	rBV5	9850	23073	0.98%	0.085%
73	20.056	2876	2885	2888	rBV5	30200	56972	2.41%	0.209%
74	20.086	2888	2890	2895	rVV	24406	24598	1.04%	0.090%
75	20.162	2900	2903	2907	rVB2	8922	10599	0.45%	0.039%
76	20.221	2907	2913	2917	rBV2	13695	23086	0.98%	0.085%
77	20.303	2923	2927	2932	rVB7	3354	6671	0.28%	0.024%
78	20.362	2934	2937	2941	rBV	8684	10375	0.44%	0.038%
79	20.403	2941	2944	2948	rBV2	9031	11412	0.48%	0.042%
80	20.562	2968	2971	2972	rBV3	9088	8851	0.37%	0.032%
81	20.809	3010	3013	3018	rVB	11961	13819	0.58%	0.051%
82	21.044	3045	3053	3060	rBV3	218752	342826	14.50%	1.257%
83	21.244	3084	3087	3091	rVB	30100	36191	1.53%	0.133%
84	21.333	3095	3102	3106	rVV	1670883	2364541	100.00%	8.666%
85	21.362	3106	3107	3116	rVB	73946	82444	3.49%	0.302%
86	21.486	3125	3128	3133	rVB2	31366	36042	1.52%	0.132%
87	21.662	3156	3158	3161	rVB2	24863	23775	1.01%	0.087%
88	21.921	3198	3202	3215	rBV3	215321	373033	15.78%	1.367%
89	22.386	3277	3281	3285	rBV2	47068	67549	2.86%	0.248%
90	22.621	3316	3321	3326	rBV	163719	230766	9.76%	0.846%
91	22.903	3363	3369	3372	rBV2	360801	598268	25.30%	2.193%
92	22.944	3372	3376	3387	rVB	578408	911205	38.54%	3.340%
93	23.444	3455	3461	3474	rVB	594508	1255038	53.08%	4.600%
94	23.591	3479	3486	3502	rVB	1032478	1997880	84.49%	7.323%
95	23.791	3515	3520	3529	rVB	190684	334481	14.15%	1.226%
96	24.127	3571	3577	3585	rVB	181103	370348	15.66%	1.357%
97	24.215	3586	3592	3606	rVB	141180	297170	12.57%	1.089%
98	24.885	3701	3706	3715	rVB2	62948	136335	5.77%	0.500%
99	25.774	3852	3857	3867	rVB	57979	136584	5.78%	0.501%
100	26.685	4007	4012	4024	rVB8	61043	159617	6.75%	0.585%

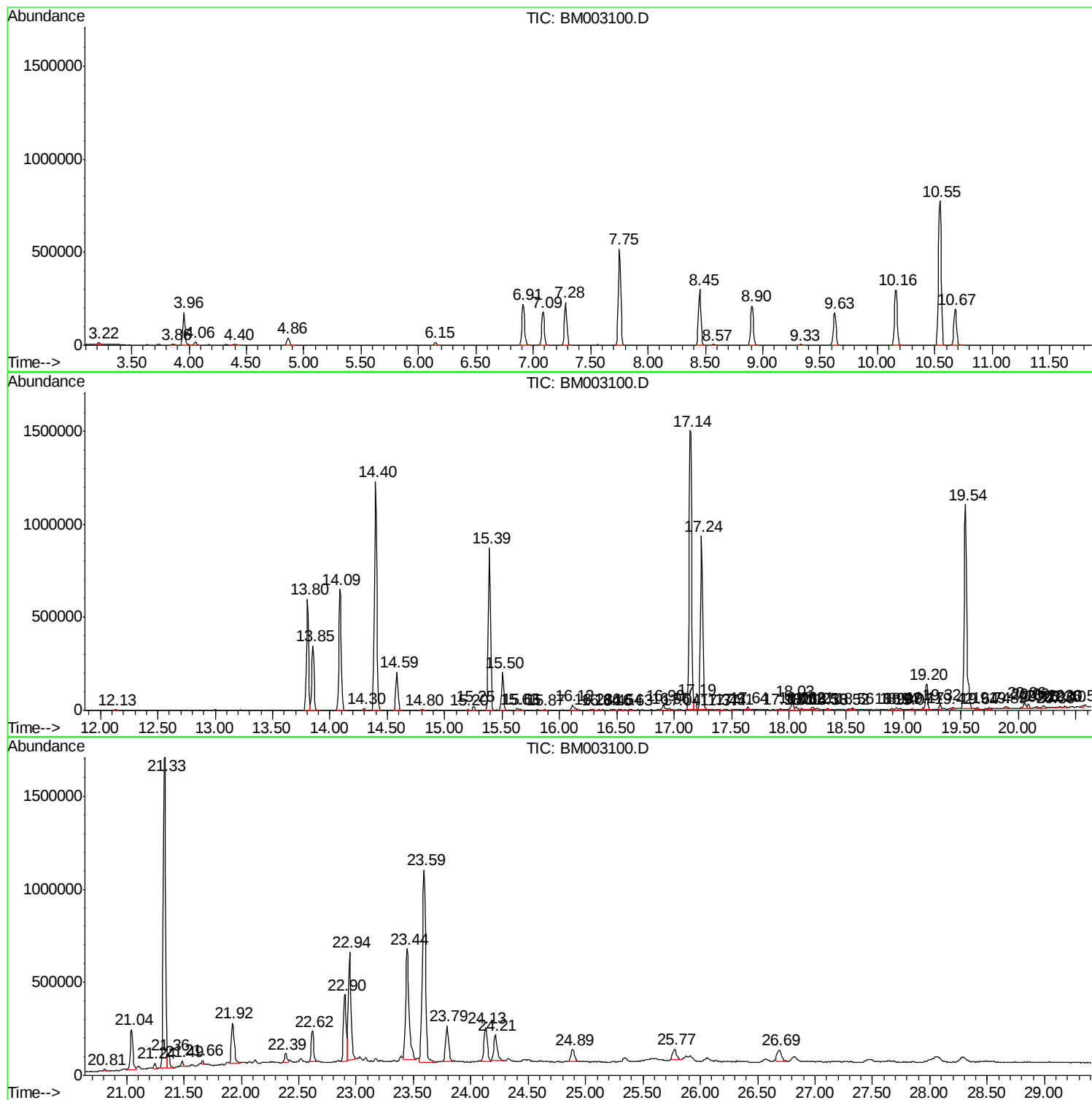
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Quant Title : SVOA CALIBRATION

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



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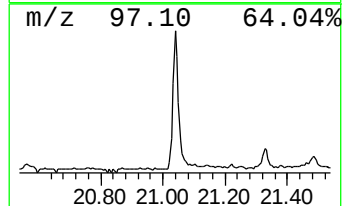
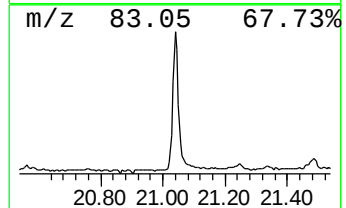
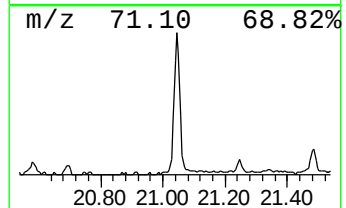
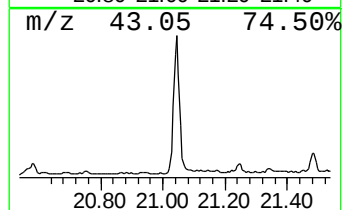
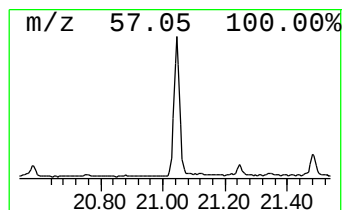
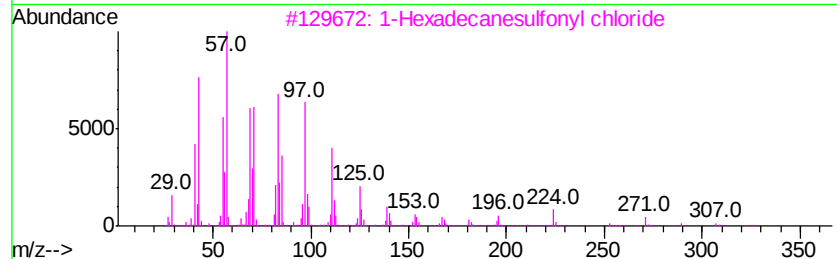
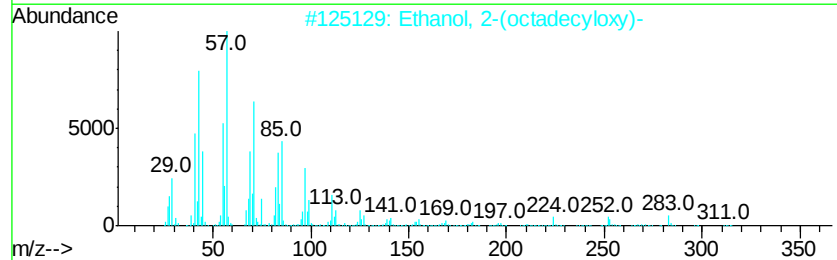
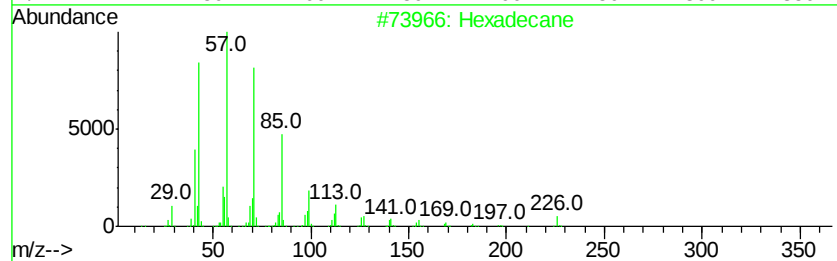
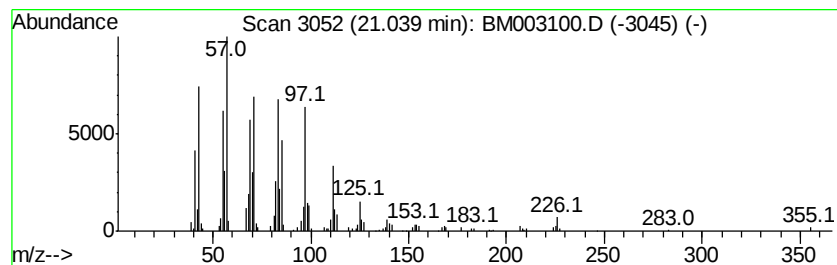
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.90 ng/ul	342826	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	80
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	72
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	64



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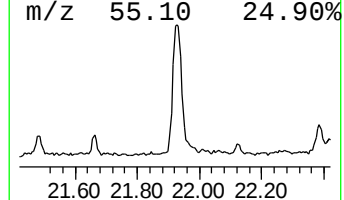
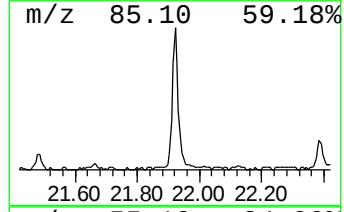
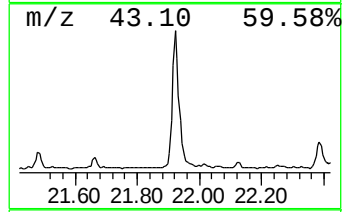
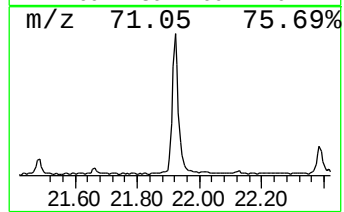
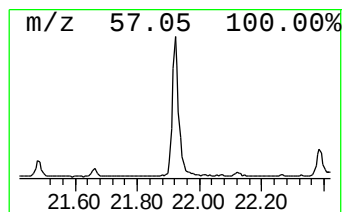
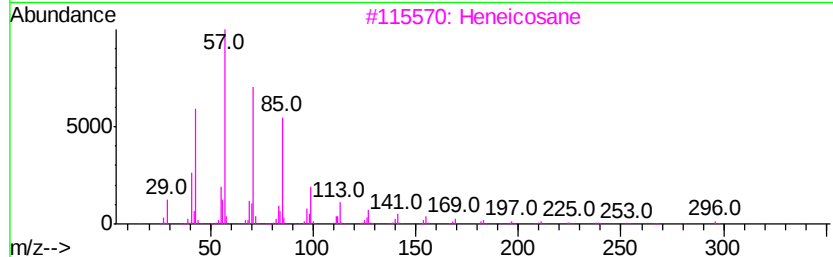
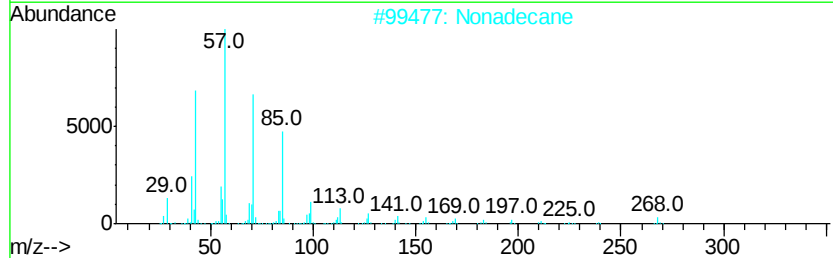
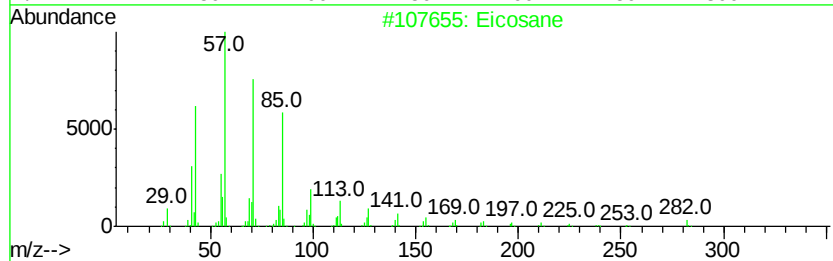
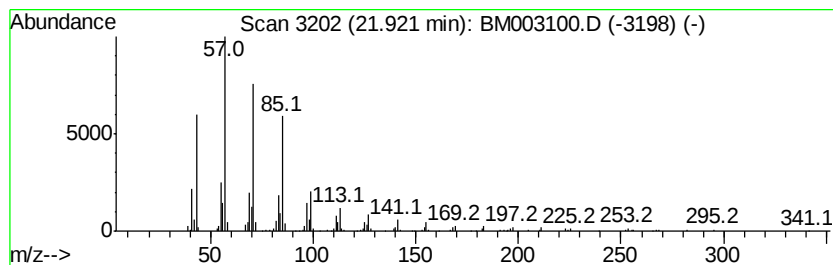
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Branched21.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	3.16 ng/ul	373033	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Nonadecane	268	C19H40	000629-92-5	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



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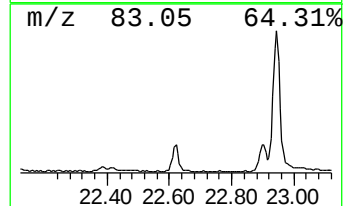
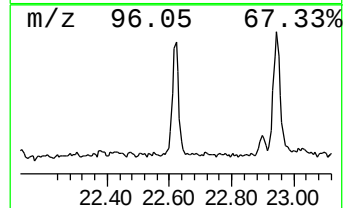
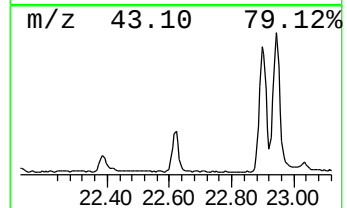
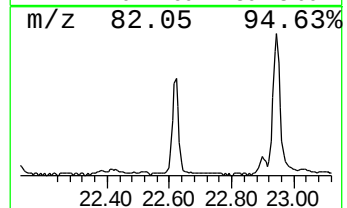
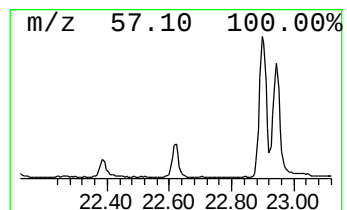
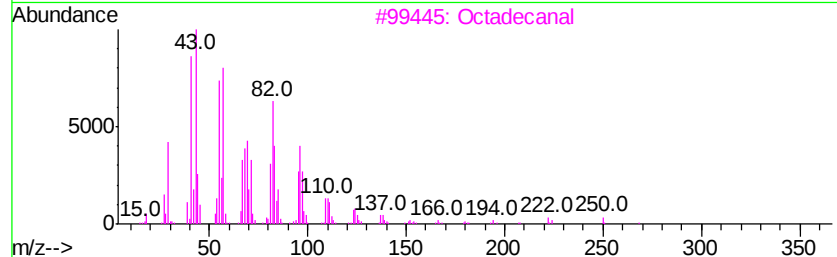
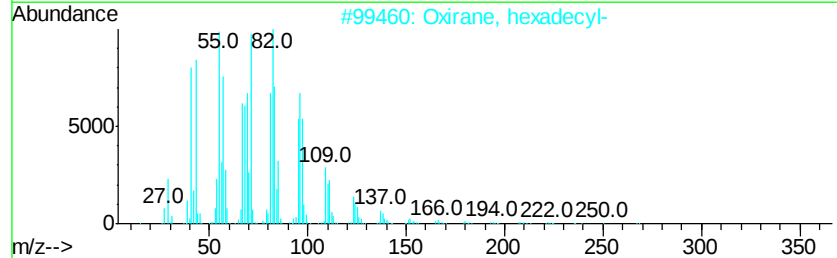
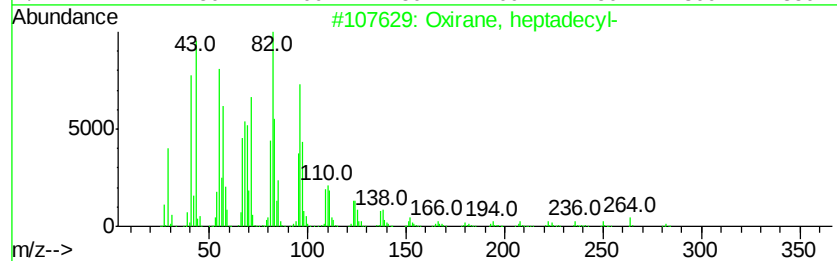
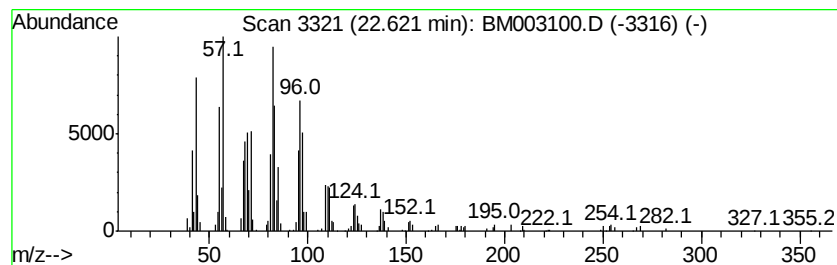
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Peak Number 4 Oxirane, heptadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.31 ng/ul	230766	Perylene-d12	23.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	92
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Octadecanal	268	C18H36O	000638-66-4	91
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5			Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
Data File : BM003100.D
Acq On : 12 Nov 2015 00:13
Operator : UM/IZ
Sample : G4322-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HS5

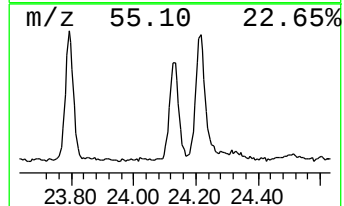
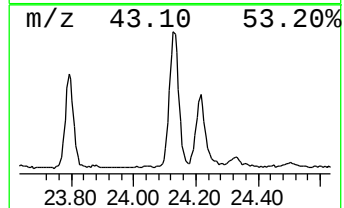
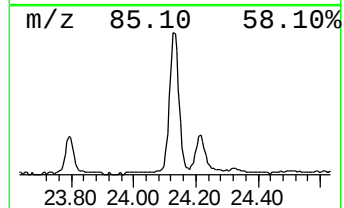
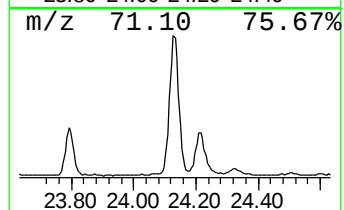
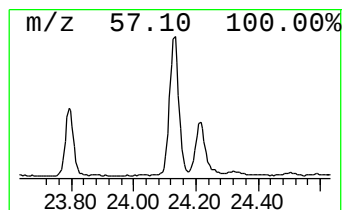
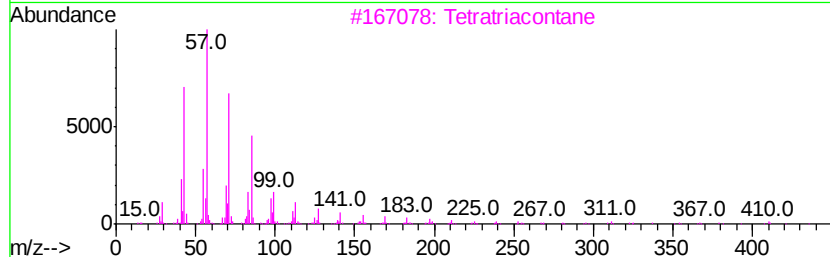
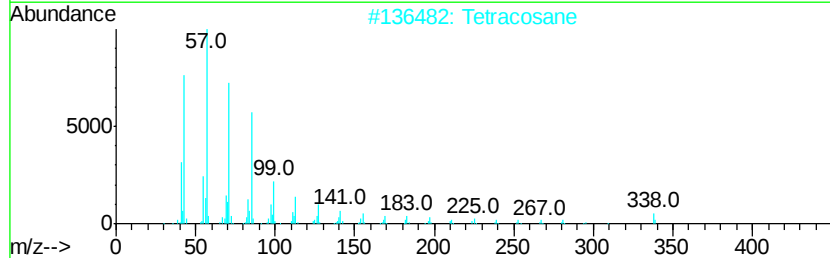
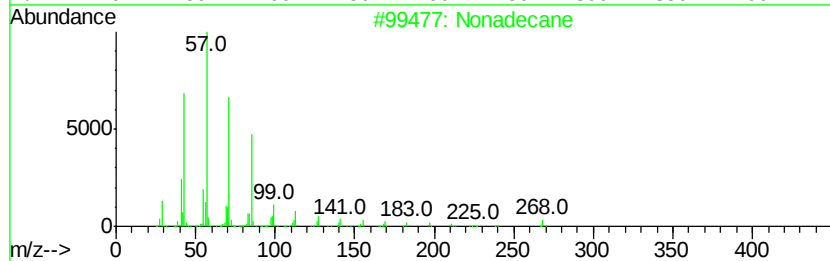
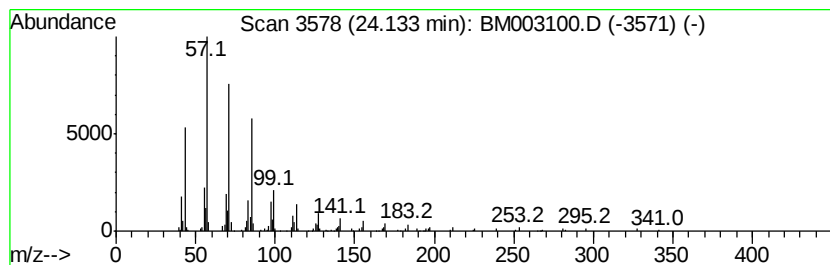
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	3.71 ng/ul	370348	Perylene-d12	23.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Tetracosane	338	C24H50	000646-31-1	91
3			Tetratriacontane	479	C34H70	014167-59-0	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
Data File : BM003100.D
Acq On : 12 Nov 2015 00:13
Operator : UM/IZ
Sample : G4322-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HS5

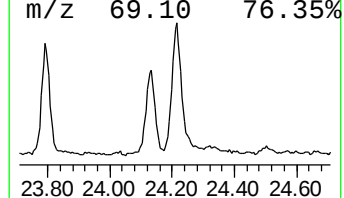
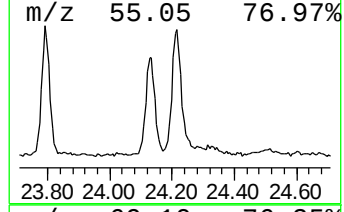
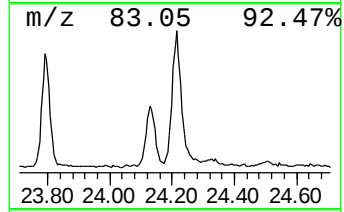
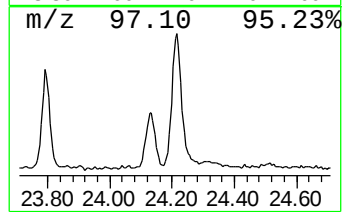
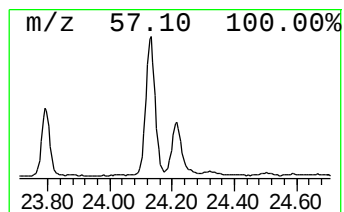
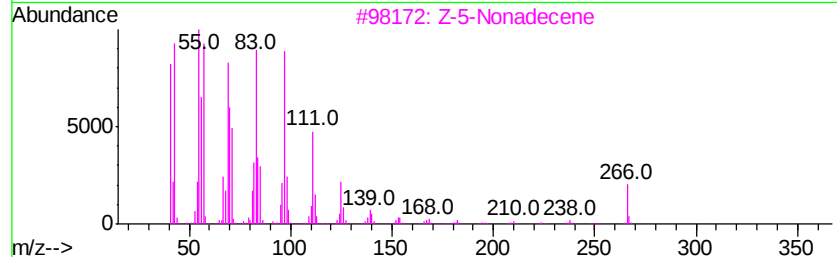
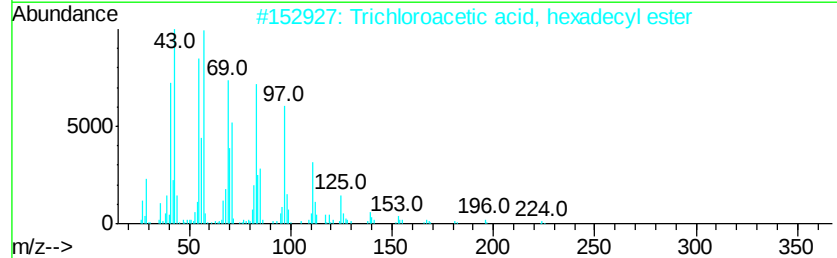
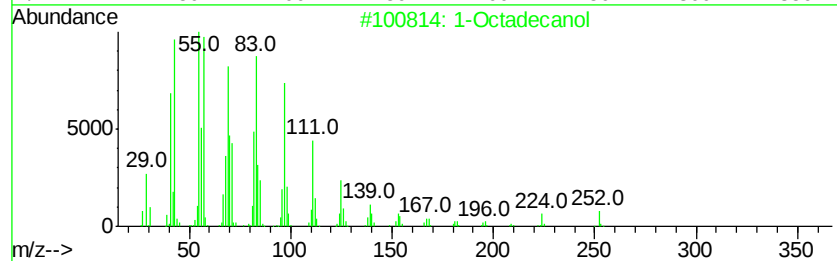
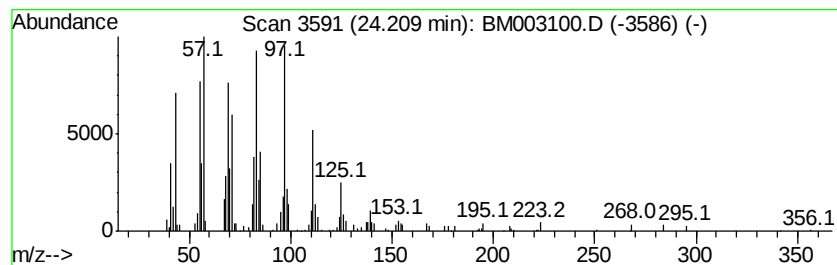
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic24.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.97 ng/ul	297170	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanol	270	C18H38O	000112-92-5	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3		Z-5-Nonadecene	266	C19H38	1000131-11-8	90
4		1-Octadecanol	270	C18H38O	000112-92-5	87
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111115\
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Sample : G4322-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HS5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.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
(DEL) Alkane: Str...	21.04	2.9	ng/ul	342826	5	21.33	2364540	20.0
(DEL) Alkane: Bra...	21.92	3.2	ng/ul	373033	5	21.33	2364540	20.0
Oxirane, heptadecyl-	22.62	2.3	ng/ul	230766	6	23.59	1997880	20.0
(DEL) Alkane: Str...	24.13	3.7	ng/ul	370348	6	23.59	1997880	20.0
(DEL) Alkane: Cyc...	24.21	3.0	ng/ul	297170	6	23.59	1997880	20.0