

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004209.D
 Acq On : 08 Feb 2016 20:34
 Operator : SJ/IZ
 Sample : H1340-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04S4

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	3.116	3	5	10	rVB	3501	4045	0.51%	0.046%
2	3.393	50	52	54	rBV2	685	946	0.12%	0.011%
3	3.451	59	62	67	rVB2	665	1352	0.17%	0.015%
4	4.081	167	169	173	rBB	1707	1761	0.22%	0.020%
5	6.839	632	638	647	rBB	89456	139898	17.64%	1.597%
6	6.992	659	664	672	rBB	74344	110753	13.97%	1.264%
7	7.192	692	698	705	rBB	97938	151308	19.08%	1.727%
8	7.657	771	777	784	rBB	98129	149443	18.85%	1.706%
9	8.369	893	898	908	rBB	117786	187899	23.70%	2.144%
10	8.816	968	974	982	rBB	96120	150063	18.93%	1.713%
11	8.951	994	997	1004	rBB	3541	5050	0.64%	0.058%
12	9.533	1091	1096	1103	rBB	81141	126181	15.91%	1.440%
13	10.075	1182	1188	1197	rBV	128101	208607	26.31%	2.381%
14	10.445	1244	1251	1259	rBB	162311	261721	33.01%	2.987%
15	10.586	1269	1275	1291	rBB	117922	197874	24.96%	2.258%
16	12.045	1520	1523	1525	rBB	1308	1505	0.19%	0.017%
17	13.727	1803	1809	1813	rBV	257668	350400	44.19%	3.999%
18	13.774	1813	1817	1822	rVB	105296	139915	17.65%	1.597%
19	14.004	1850	1856	1865	rBB	304679	435848	54.97%	4.974%
20	14.215	1888	1892	1895	rBB	10211	11877	1.50%	0.136%
21	14.315	1903	1909	1916	rBB2	265813	384273	48.46%	4.386%
22	14.539	1942	1947	1959	rBV	87572	136661	17.24%	1.560%
23	14.657	1965	1967	1969	rBV2	1530	1259	0.16%	0.014%
24	14.833	1994	1997	1999	rBB	2446	2440	0.31%	0.028%
25	15.115	2042	2045	2049	rBB	3085	3911	0.49%	0.045%
26	15.168	2050	2054	2058	rBB	19034	21653	2.73%	0.247%
27	15.315	2073	2079	2085	rBB	389576	559411	70.55%	6.384%
28	15.451	2098	2102	2107	rBV	84686	104833	13.22%	1.196%
29	15.551	2116	2119	2122	rBV2	4845	7228	0.91%	0.082%
30	15.668	2137	2139	2142	rBB	1264	1326	0.17%	0.015%
31	15.721	2146	2148	2151	rBB	1731	1686	0.21%	0.019%
32	15.786	2157	2159	2162	rBB	1627	1530	0.19%	0.017%
33	16.033	2197	2201	2211	rBV	18888	30578	3.86%	0.349%
34	16.374	2256	2259	2263	rBV2	1836	2871	0.36%	0.033%

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35	16.821	2332	2335	2339	rBV	10136	11950	1.51%	0.136%
36	16.874	2339	2344	2348	rVB2	2336	3732	0.47%	0.043%
37	17.068	2371	2377	2383	rBV	352102	480700	60.63%	5.486%
38	17.168	2388	2394	2404	rVB	445578	623188	78.60%	7.112%
39	17.562	2458	2461	2464	rBB	5128	5576	0.70%	0.064%
40	17.968	2526	2530	2535	rBV	30640	39873	5.03%	0.455%
41	18.262	2576	2580	2585	rBV2	4780	5814	0.73%	0.066%
42	18.298	2585	2586	2589	rVB	1057	900	0.11%	0.010%
43	18.815	2671	2674	2675	rBV	1511	1669	0.21%	0.019%
44	18.898	2685	2688	2690	rVB	1613	1448	0.18%	0.017%
45	18.992	2699	2704	2707	rBV	2923	3610	0.46%	0.041%
46	19.068	2713	2717	2720	rBV	763	899	0.11%	0.010%
47	19.109	2720	2724	2726	rVV	3315	4497	0.57%	0.051%
48	19.139	2726	2729	2734	rVB	8127	10021	1.26%	0.114%
49	19.250	2743	2748	2754	rBV2	5652	9198	1.16%	0.105%
50	19.333	2758	2762	2764	rBV	1427	1822	0.23%	0.021%
51	19.362	2764	2767	2771	rVV	2927	3225	0.41%	0.037%
52	19.409	2773	2775	2780	rBV2	1345	1386	0.17%	0.016%
53	19.474	2780	2786	2800	rVV2	577176	784751	98.97%	8.956%
54	19.839	2846	2848	2851	rVB2	803	960	0.12%	0.011%
55	19.897	2854	2858	2859	rBV	1480	1596	0.20%	0.018%
56	19.921	2859	2862	2868	rVV5	7362	15148	1.91%	0.173%
57	19.997	2870	2875	2884	rVB5	6686	17934	2.26%	0.205%
58	20.168	2901	2904	2907	rVB	964	1100	0.14%	0.013%
59	20.239	2913	2916	2917	rBV	4296	4482	0.57%	0.051%
60	20.368	2923	2938	2942	rBV6	20065	78279	9.87%	0.893%
61	20.456	2951	2953	2958	rVB3	7845	10034	1.27%	0.115%
62	20.509	2959	2962	2967	rVB5	6342	10215	1.29%	0.117%
63	20.556	2967	2970	2973	rVB3	650	899	0.11%	0.010%
64	20.633	2980	2983	2987	rBV2	4271	5198	0.66%	0.059%
65	20.880	3024	3025	3031	rVB4	1566	1452	0.18%	0.017%
66	20.980	3036	3042	3054	rBV	195213	274772	34.65%	3.136%
67	21.191	3075	3078	3083	rVB2	5150	6278	0.79%	0.072%
68	21.280	3087	3093	3097	rVV	516692	647036	81.60%	7.384%
69	21.315	3097	3099	3103	rVB	10697	11291	1.42%	0.129%
70	21.386	3107	3111	3114	rBV	6425	9334	1.18%	0.107%
71	21.433	3115	3119	3128	rVB6	7820	14682	1.85%	0.168%

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72	21.597	3143	3147	3155	rVB9	5543	11528	1.45%	0.132%
73	21.874	3188	3194	3204	rVB5	36402	69052	8.71%	0.788%
74	22.309	3262	3268	3272	rBV2	13479	23216	2.93%	0.265%
75	22.444	3287	3291	3296	rVB	15458	21152	2.67%	0.241%
76	22.774	3345	3347	3350	rBV2	3795	3844	0.48%	0.044%
77	22.815	3350	3354	3356	rBV	20530	27226	3.43%	0.311%
78	23.321	3436	3440	3442	rBV	8913	13598	1.71%	0.155%
79	23.374	3442	3449	3462	rVB	417433	792895	100.00%	9.049%
80	23.515	3466	3473	3480	rBV	313561	559854	70.61%	6.389%
81	24.015	3552	3558	3565	rVB	35795	66679	8.41%	0.761%
82	24.103	3568	3573	3584	rVB5	24101	57087	7.20%	0.652%
83	24.750	3679	3683	3687	rBV3	8311	15328	1.93%	0.175%
84	24.815	3689	3694	3701	rVB	19743	42176	5.32%	0.481%
85	25.609	3824	3829	3839	rVB3	14942	35514	4.48%	0.405%
86	25.762	3850	3855	3862	rVB5	9305	21985	2.77%	0.251%

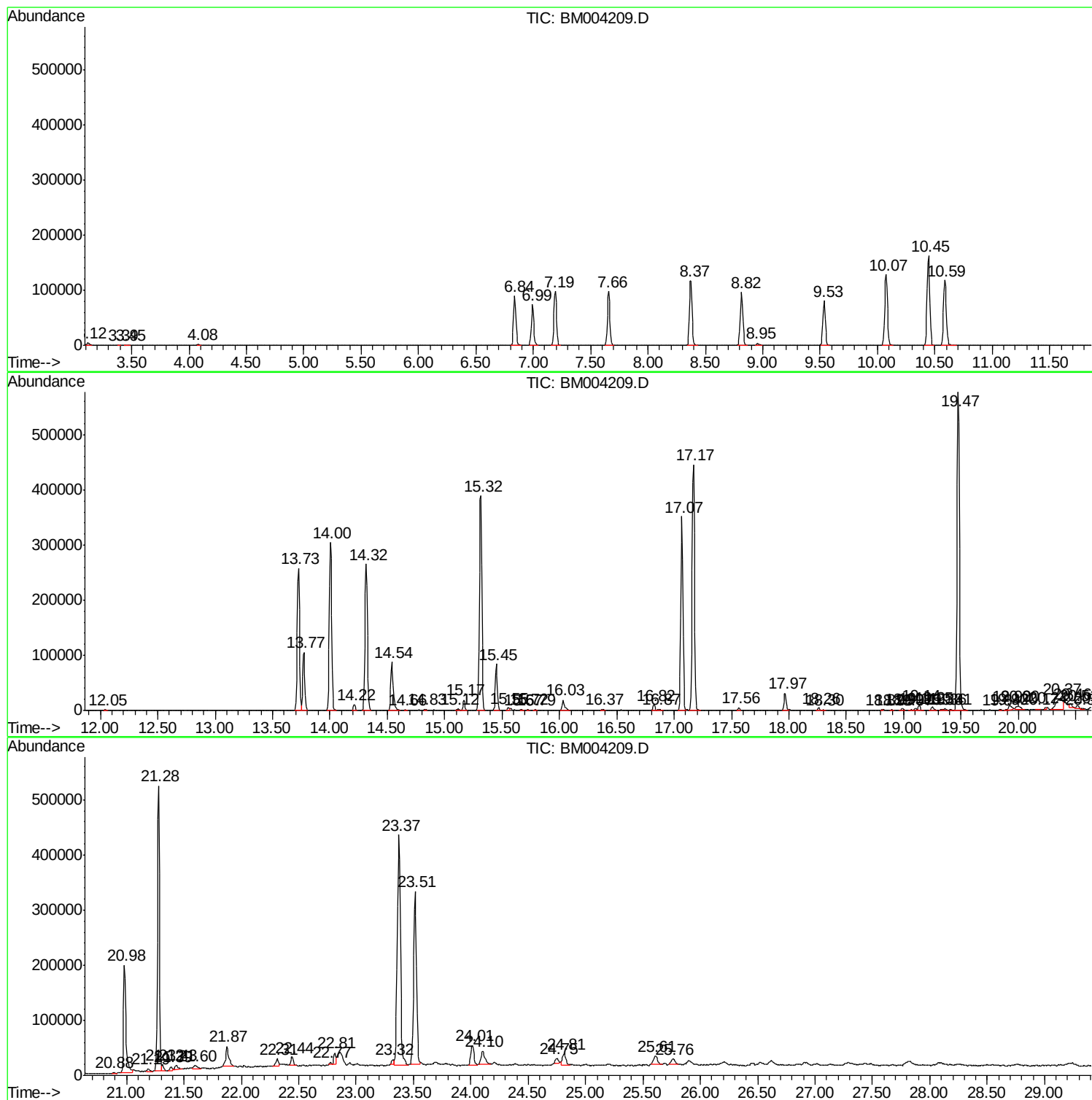
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Quant Title : SVOA CALIBRATION

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



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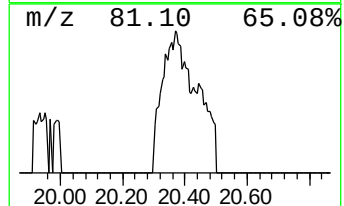
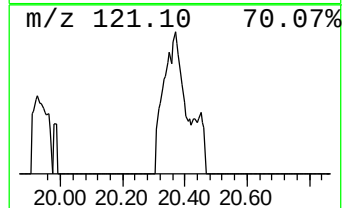
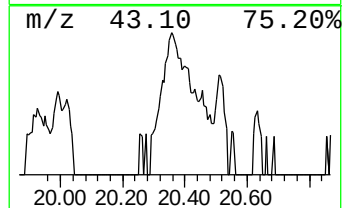
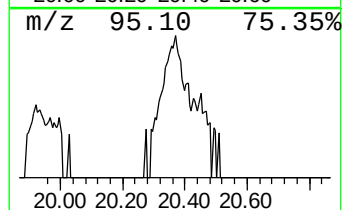
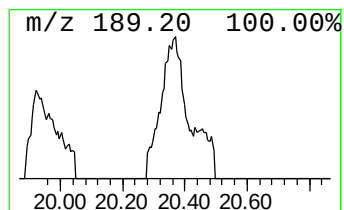
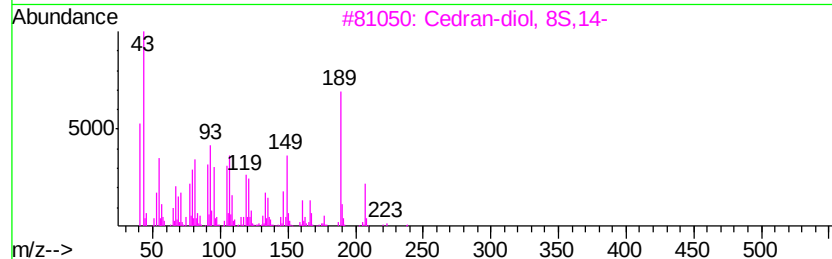
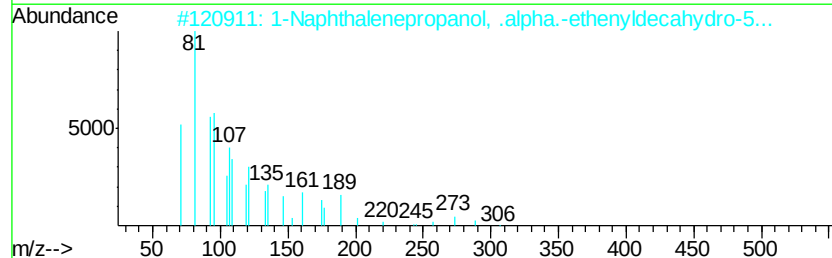
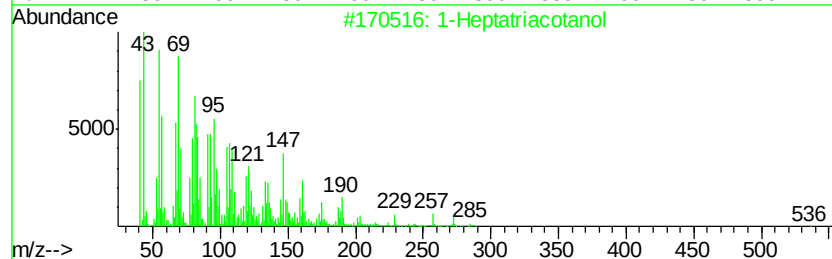
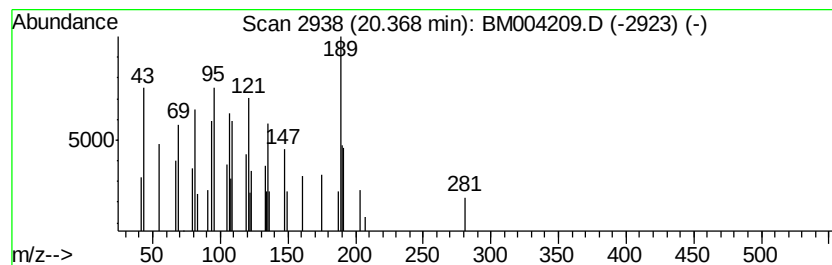
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.42 ng/ul	78279	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptatriacotanol	537	C37H76O	105794-58-9	46
2		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	46
3		Cedran-diol, 8S,14-	238	C15H26O2	062600-05-9	43
4		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	37
5		2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	35



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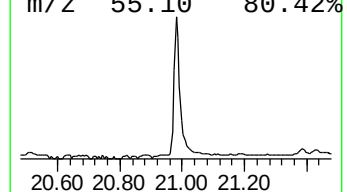
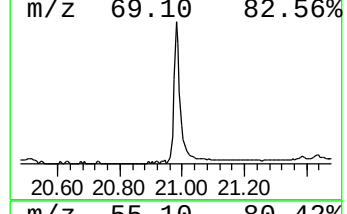
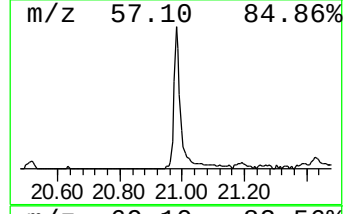
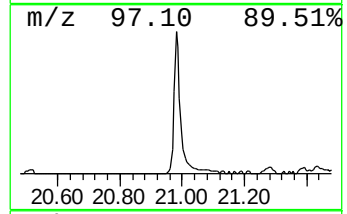
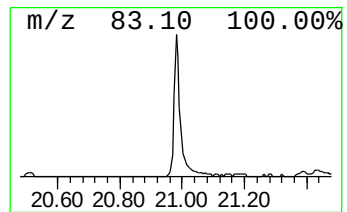
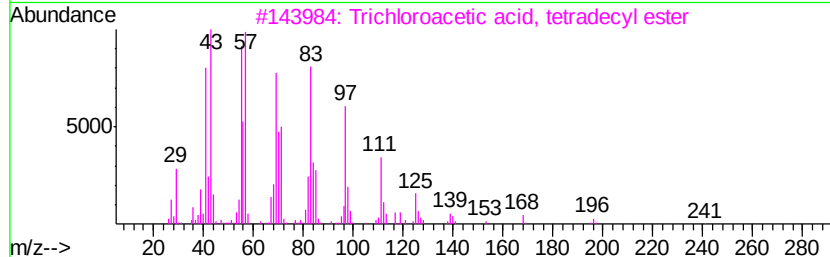
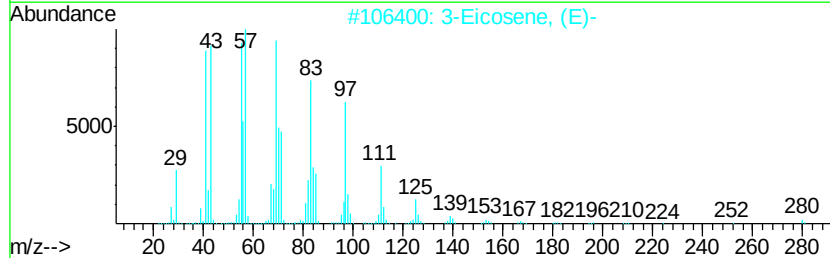
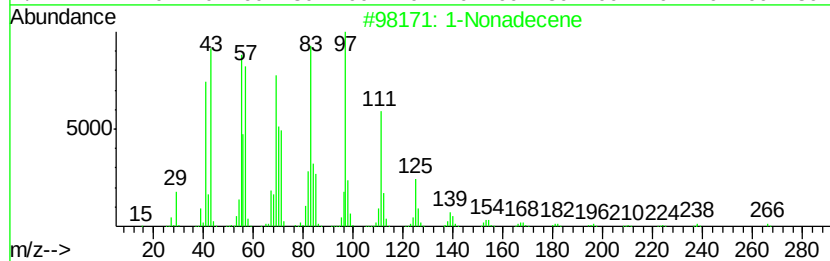
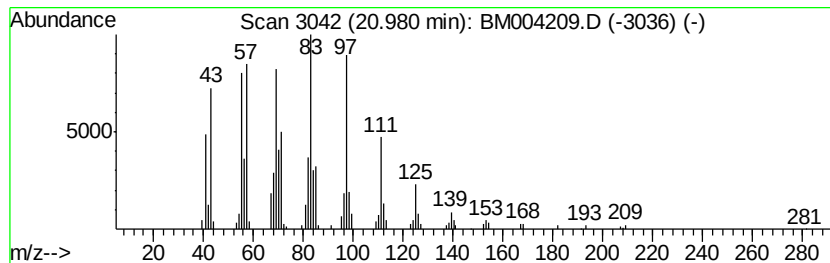
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic20.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.98	8.49 ng/ul	274772	Chrysene-d12	21.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



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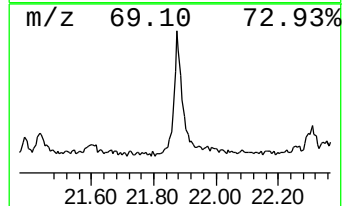
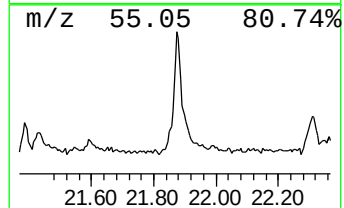
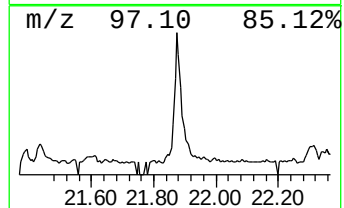
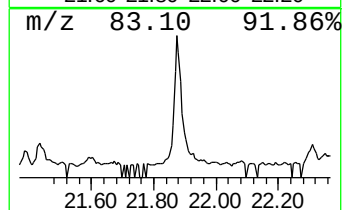
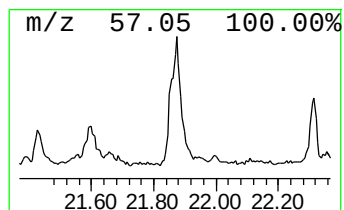
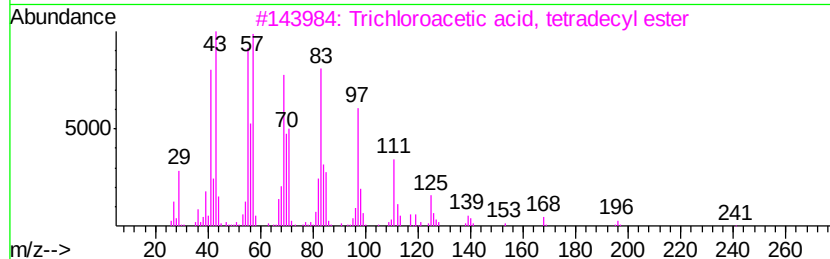
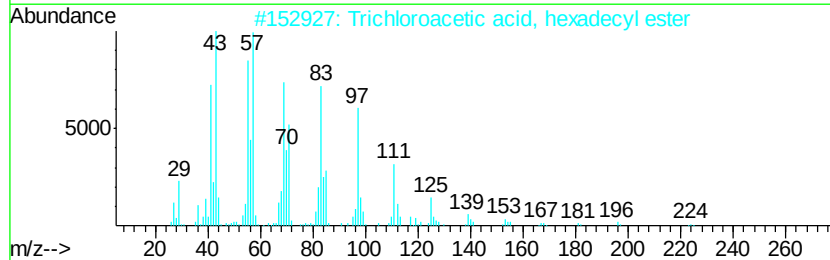
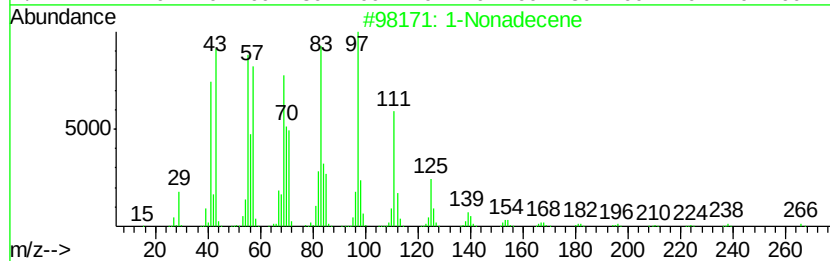
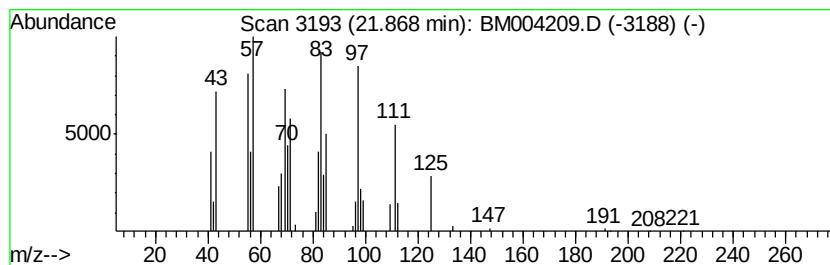
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Peak Number 3 (DEL) Alkane: Cyclic21.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.13 ng/ul	69052	Chrysene-d12	21.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene		266 C19H38	018435-45-5 93
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 91
3	Trichloroacetic acid, tetradecyl...		358 C16H29Cl3O2	074339-52-9 91
4	3-Eicosene, (E)-		280 C20H40	074685-33-9 90
5	Bromoacetic acid, pentadecyl ester		348 C17H33BrO2	131143-01-6 87



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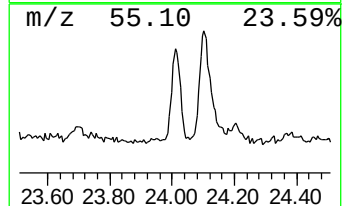
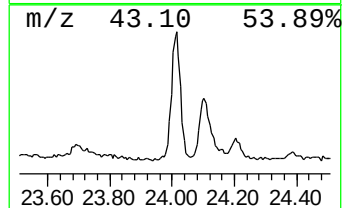
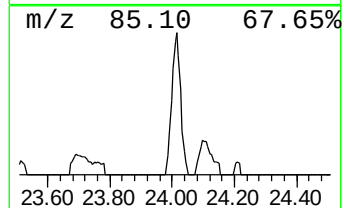
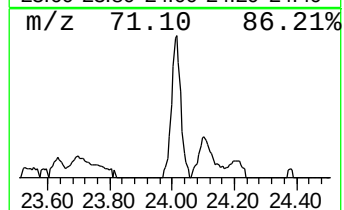
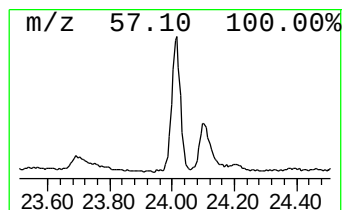
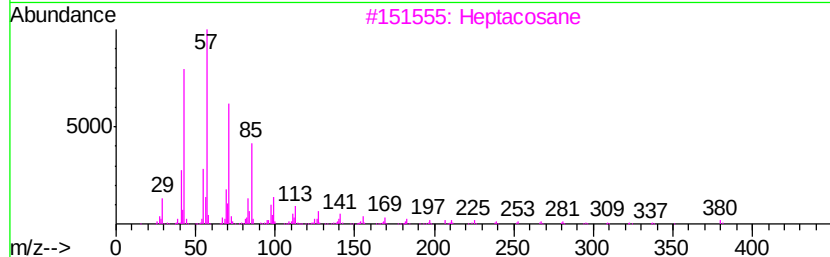
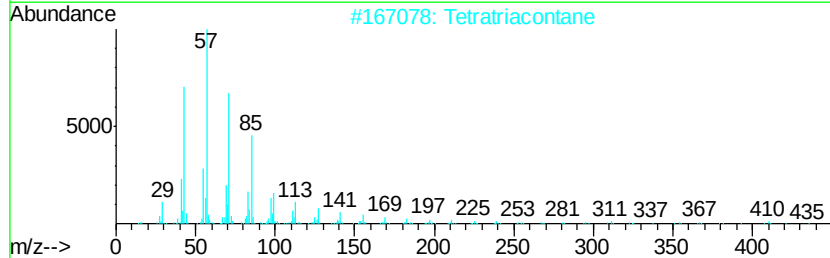
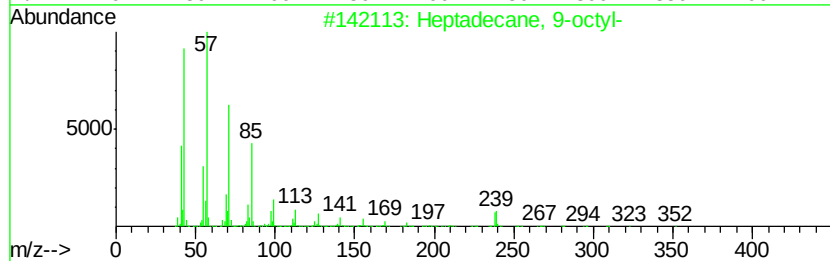
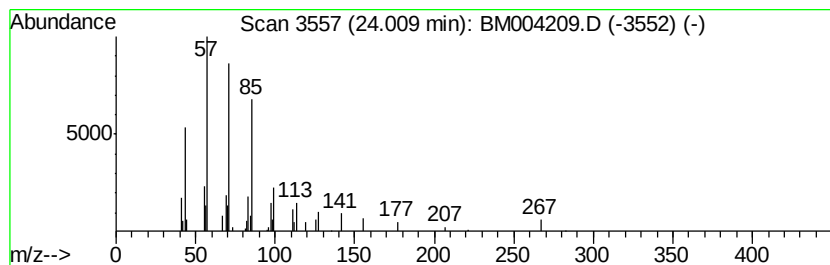
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.38 ng/ul	66679	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Tetratriacontane	479	C34H70	014167-59-0	87
3		Heptacosane	380	C27H56	000593-49-7	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004209.D
Acq On : 08 Feb 2016 20:34
Operator : SJ/IZ
Sample : H1340-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

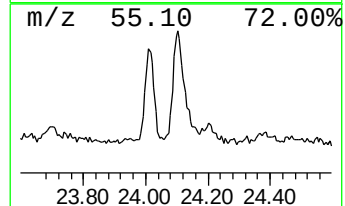
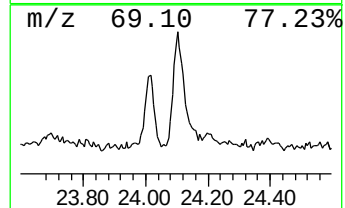
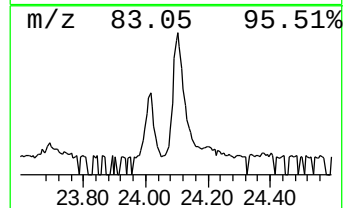
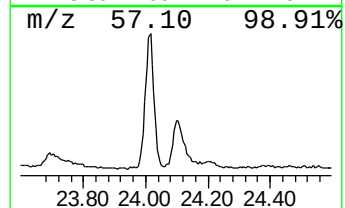
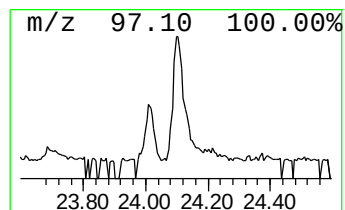
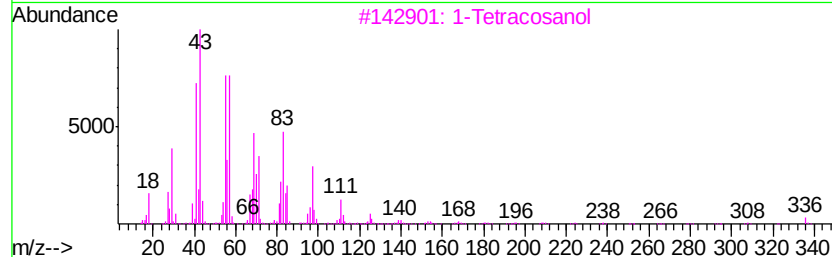
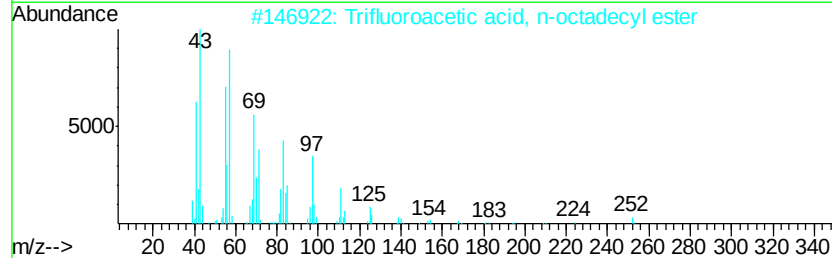
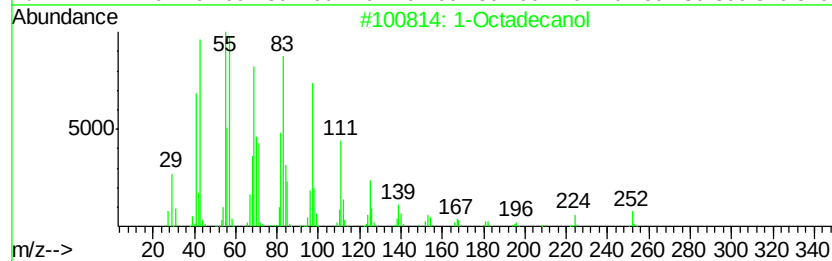
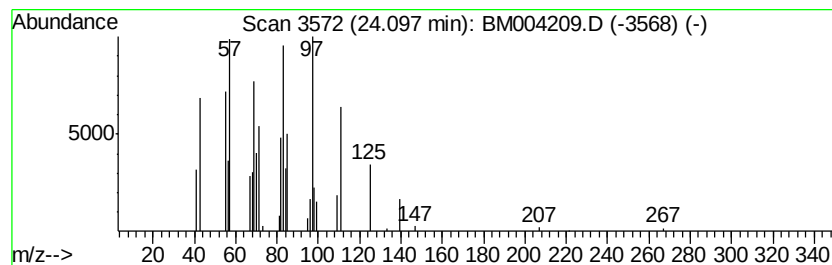
Instrument :
BNA_M
ClientSampleId :
C04S4

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 1-Octadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.04 ng/ul	57087	Perylene-d12	23.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecanol		270 C18H38O	000112-92-5 91
2	Trifluoroacetic acid, n-octadecy...		366 C20H37F3O2	079392-43-1 91
3	1-Tetracosanol		354 C24H50O	000506-51-4 90
4	1-Hexacosanol		382 C26H54O	000506-52-5 90
5	17-Pentatriacontene		491 C35H70	006971-40-0 90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004209.D
Acq On : 08 Feb 2016 20:34
Operator : SJ/IZ
Sample : H1340-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C04S4

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	20.37	2.4	ng/ul	78279	5	21.28	647036	20.0
(DEL) Alkane: Cyc...	20.98	8.5	ng/ul	274772	5	21.28	647036	20.0
(DEL) Alkane: Cyc...	21.87	2.1	ng/ul	69052	5	21.28	647036	20.0
(DEL) Alkane: Str...	24.01	2.4	ng/ul	66679	6	23.51	559854	20.0
1-Octadecanol	24.10	2.0	ng/ul	57087	6	23.51	559854	20.0