

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
 Data File : BM003109.D
 Acq On : 12 Nov 2015 06:49
 Operator : UM/IZ
 Sample : G4322-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT1

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	3.210	18	21	29	rVB	13701	17720	0.66%	0.059%
2	3.857	127	131	137	rBV	7765	10378	0.39%	0.035%
3	4.057	160	165	171	rVB	19204	26422	0.99%	0.089%
4	4.399	218	223	229	rVB	7330	9992	0.37%	0.034%
5	4.863	297	302	309	rVB	35346	54594	2.04%	0.183%
6	5.104	338	343	348	rVB	5839	8935	0.33%	0.030%
7	6.145	516	520	525	rBB	19414	26656	1.00%	0.089%
8	6.440	565	570	576	rVB	41605	61996	2.32%	0.208%
9	6.910	642	650	660	rBB	254466	420999	15.72%	1.413%
10	7.087	672	680	689	rBB	206023	324541	12.12%	1.089%
11	7.192	693	698	703	rBB	8953	12787	0.48%	0.043%
12	7.281	707	713	721	rBB	271885	414129	15.47%	1.390%
13	7.751	786	793	800	rBB	533230	830800	31.03%	2.788%
14	8.451	905	912	919	rBB	235489	368910	13.78%	1.238%
15	8.904	983	989	997	rBB	248154	396866	14.82%	1.332%
16	9.334	1057	1062	1066	rBB	5832	8386	0.31%	0.028%
17	9.628	1105	1112	1120	rBB	206574	328921	12.28%	1.104%
18	10.157	1196	1202	1210	rBB	341117	560291	20.93%	1.880%
19	10.545	1260	1268	1275	rBV	814128	1352249	50.50%	4.537%
20	10.675	1281	1290	1299	rBB	57985	93808	3.50%	0.315%
21	12.998	1682	1685	1690	rBB	5894	7820	0.29%	0.026%
22	13.280	1730	1733	1737	rBV3	6542	10208	0.38%	0.034%
23	13.633	1788	1793	1798	rBV	23404	33970	1.27%	0.114%
24	13.804	1816	1822	1826	rBV	691707	951114	35.52%	3.191%
25	13.851	1826	1830	1836	rVB	316924	420177	15.69%	1.410%
26	14.086	1864	1870	1881	rBV	648775	947210	35.38%	3.178%
27	14.298	1902	1906	1910	rBB	17758	22156	0.83%	0.074%
28	14.357	1910	1916	1918	rBV	32720	48918	1.83%	0.164%
29	14.398	1918	1923	1931	rVV2	1258716	1918230	71.64%	6.436%
30	14.539	1943	1947	1949	rBV	13644	14920	0.56%	0.050%
31	14.586	1949	1955	1959	rVV	302511	423054	15.80%	1.420%
32	14.645	1959	1965	1977	rVV	1750290	2677306	99.99%	8.983%
33	14.739	1978	1981	1988	rVV3	28039	46461	1.74%	0.156%
34	14.810	1988	1993	1996	rVB5	8758	14613	0.55%	0.049%

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35	14.951	2013	2017	2020	rVV2	13394	16830	0.63%	0.056%
36	15.251	2061	2068	2072	rVV2	37956	56026	2.09%	0.188%
37	15.392	2081	2092	2098	rVB	759737	1178863	44.03%	3.956%
38	15.504	2103	2111	2124	rVB	273087	371375	13.87%	1.246%
39	15.627	2126	2132	2135	rBV3	33306	48869	1.83%	0.164%
40	15.657	2135	2137	2141	rVB2	8458	10142	0.38%	0.034%
41	15.715	2141	2147	2150	rBV3	17335	21684	0.81%	0.073%
42	15.768	2151	2156	2162	rBV	691238	880886	32.90%	2.956%
43	15.874	2169	2174	2178	rVB3	7185	12359	0.46%	0.041%
44	16.027	2196	2200	2206	rBV6	14932	25053	0.94%	0.084%
45	16.115	2210	2215	2223	rVV	35190	58552	2.19%	0.196%
46	16.286	2238	2244	2251	rBV5	28115	55956	2.09%	0.188%
47	16.457	2270	2273	2280	rVB4	3915	7920	0.30%	0.027%
48	16.539	2280	2287	2295	rBV4	8229	20925	0.78%	0.070%
49	16.686	2308	2312	2316	rBV	12628	15967	0.60%	0.054%
50	16.904	2345	2349	2353	rVV	27863	42093	1.57%	0.141%
51	16.957	2356	2358	2365	rVB4	12198	16405	0.61%	0.055%
52	17.139	2383	2389	2395	rVV	1578995	2343116	87.51%	7.862%
53	17.180	2395	2396	2400	rVV	46153	48540	1.81%	0.163%
54	17.239	2400	2406	2416	rVB2	804425	1159014	43.29%	3.889%
55	17.386	2425	2431	2435	rVB4	4322	7872	0.29%	0.026%
56	17.515	2446	2453	2456	rBV5	5390	10857	0.41%	0.036%
57	17.639	2471	2474	2479	rVV	11812	13846	0.52%	0.046%
58	17.709	2479	2486	2492	rVV8	10291	22913	0.86%	0.077%
59	17.927	2516	2523	2528	rBV5	10664	27374	1.02%	0.092%
60	17.980	2528	2532	2535	rBV3	17481	28710	1.07%	0.096%
61	18.033	2535	2541	2552	rVB2	104294	173186	6.47%	0.581%
62	18.204	2566	2570	2574	rBV3	13929	18453	0.69%	0.062%
63	18.556	2626	2630	2633	rVB2	11521	14005	0.52%	0.047%
64	18.809	2669	2673	2682	rBV7	6563	12810	0.48%	0.043%
65	18.892	2683	2687	2692	rBV3	11142	18405	0.69%	0.062%
66	19.056	2712	2715	2720	rBV2	11292	18391	0.69%	0.062%
67	19.103	2720	2723	2728	rVB2	7240	11712	0.44%	0.039%
68	19.174	2732	2735	2736	rVV2	13207	16111	0.60%	0.054%
69	19.198	2736	2739	2746	rVB	109678	150353	5.62%	0.504%
70	19.315	2755	2759	2764	rBV2	34212	46436	1.73%	0.156%
71	19.427	2768	2778	2781	rBV2	13467	34180	1.28%	0.115%

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72	19.468	2784	2785	2789	rVV4	6166	7819	0.29%	0.026%
73	19.539	2791	2797	2812	rVB	819275	1277433	47.71%	4.286%
74	20.056	2877	2885	2889	rBV3	24981	54464	2.03%	0.183%
75	20.162	2898	2903	2908	rBV5	10106	18369	0.69%	0.062%
76	20.221	2909	2913	2914	rBV4	6620	7860	0.29%	0.026%
77	20.409	2942	2945	2950	rVV4	10068	18165	0.68%	0.061%
78	20.468	2952	2955	2961	rVB6	8687	11641	0.43%	0.039%
79	21.009	3044	3047	3049	rBV3	10818	14487	0.54%	0.049%
80	21.045	3049	3053	3061	rVB	193748	247668	9.25%	0.831%
81	21.250	3085	3088	3092	rBV	19221	21208	0.79%	0.071%
82	21.333	3096	3102	3107	rVV	2009045	2677514	100.00%	8.984%
83	21.368	3107	3108	3114	rVB	53703	46044	1.72%	0.154%
84	21.486	3125	3128	3133	rVB5	21683	24872	0.93%	0.083%
85	21.562	3137	3141	3145	rVV4	36024	45192	1.69%	0.152%
86	21.927	3199	3203	3216	rVB2	79965	179311	6.70%	0.602%
87	22.391	3278	3282	3285	rBV	30606	47574	1.78%	0.160%
88	22.521	3300	3304	3309	rBV	57616	82015	3.06%	0.275%
89	22.627	3317	3322	3326	rBV3	45870	70529	2.63%	0.237%
90	22.903	3364	3369	3373	rBV2	178313	293743	10.97%	0.986%
91	22.950	3373	3377	3389	rVB2	147240	259821	9.70%	0.872%
92	23.450	3456	3462	3475	rVB	379999	822488	30.72%	2.760%
93	23.597	3479	3487	3504	rVB	1087432	2161132	80.71%	7.251%
94	23.797	3517	3521	3527	rVB2	56951	93584	3.50%	0.314%
95	24.138	3572	3579	3586	rVV	222228	434842	16.24%	1.459%
96	24.221	3588	3593	3601	rVB3	68858	135498	5.06%	0.455%
97	24.891	3702	3707	3714	rVB2	79267	163184	6.09%	0.548%
98	25.350	3781	3785	3794	rVB4	39887	87747	3.28%	0.294%
99	25.779	3853	3858	3872	rBV2	44891	148316	5.54%	0.498%
100	26.691	4005	4013	4027	rVB4	150705	468589	17.50%	1.572%

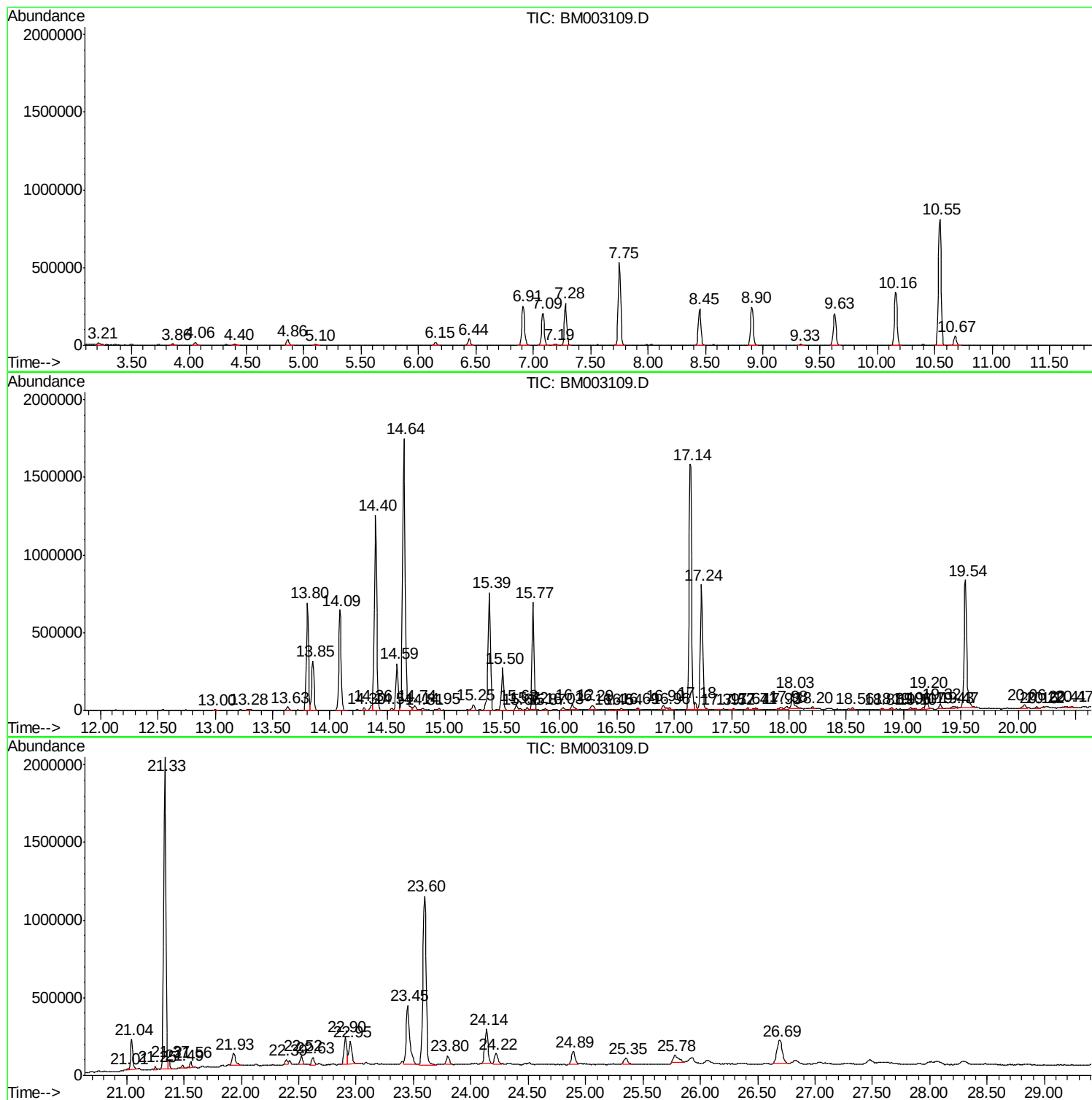
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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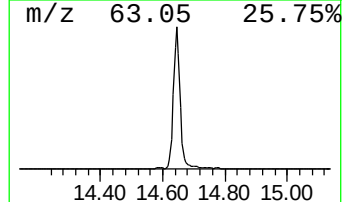
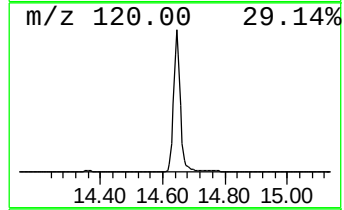
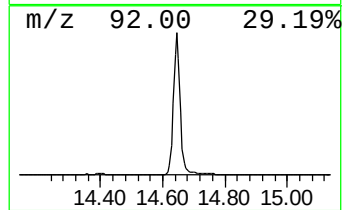
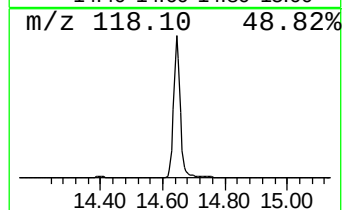
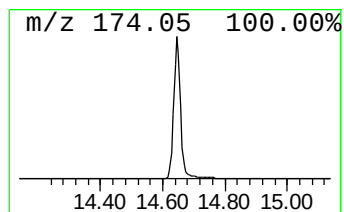
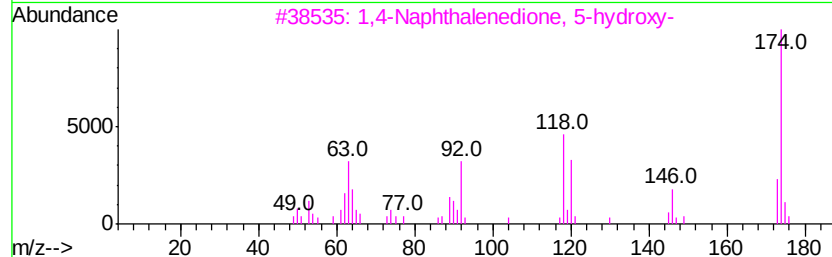
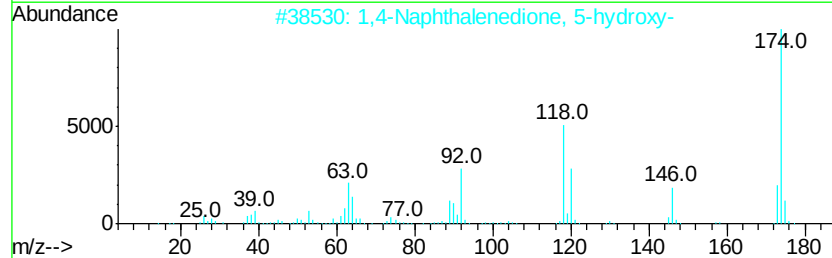
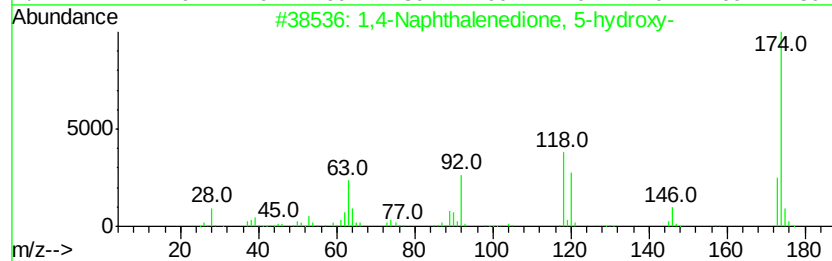
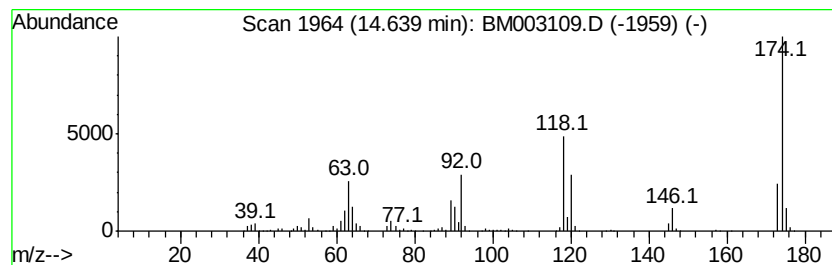
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,4-Naphthalenedione, 5-hyd... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	27.91 ng/ul	2677310	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	94
2		1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	94
3		1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	64
4		1-Methyl-5-(4-methylphenyl)tetra...	174	C9H10N4	068826-33-5	47
5		8-Quinolinol, 5-nitroso-	174	C9H6N2O2	003565-26-2	46



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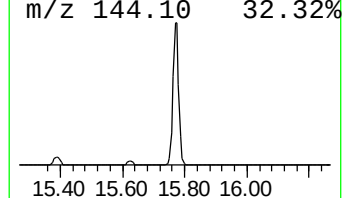
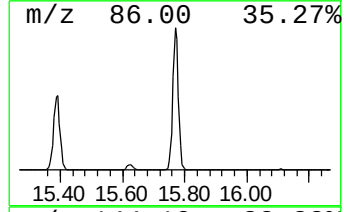
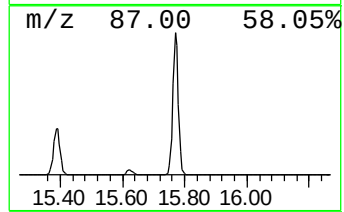
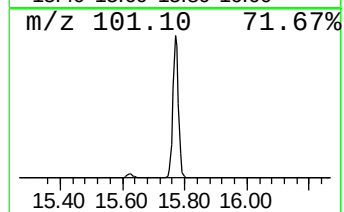
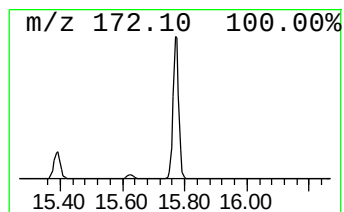
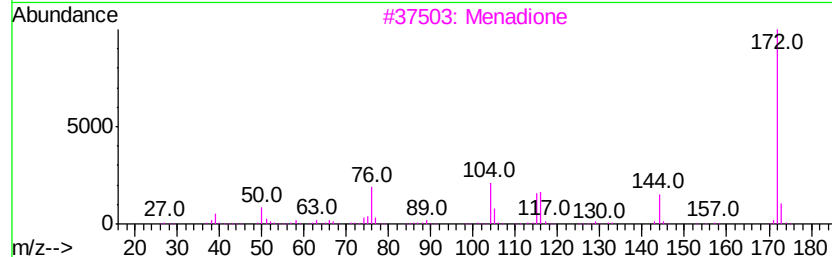
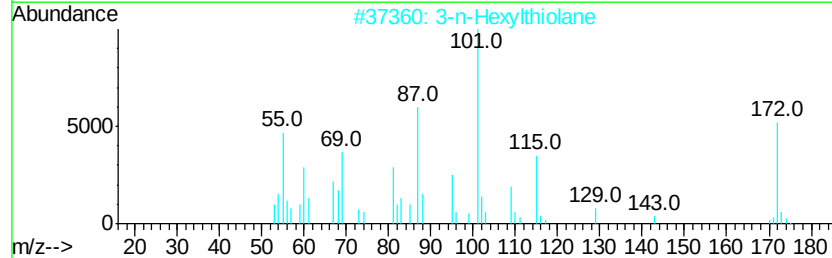
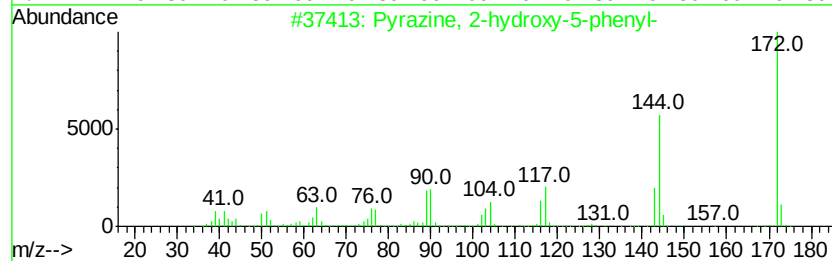
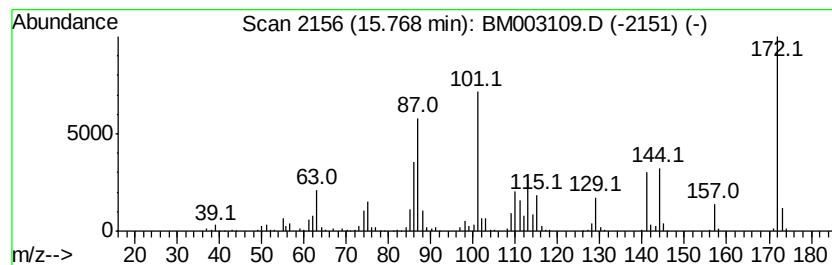
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.77	7.52 ng/ul	880886	Phenanthrene-d10	17.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	30
2	3-n-Hexylthiolane	172	C10H20S	001613-50-9	23
3	Menadione	172	C11H8O2	000058-27-5	22
4	1-(4-Pyridyl)-4-pyridone	172	C10H8N2O	003881-38-7	16
5	Tetroquinone	172	C6H4O6	000319-89-1	16



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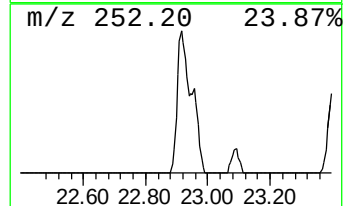
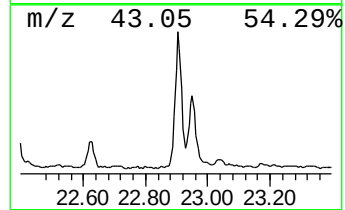
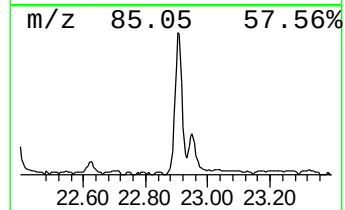
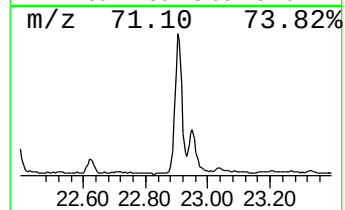
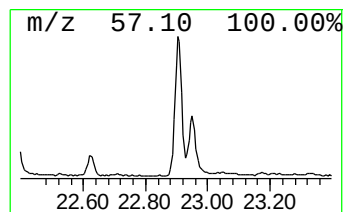
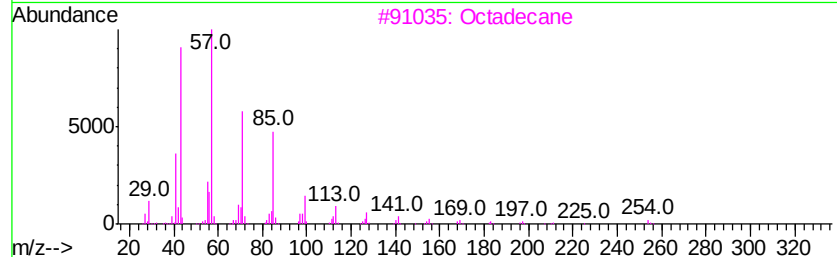
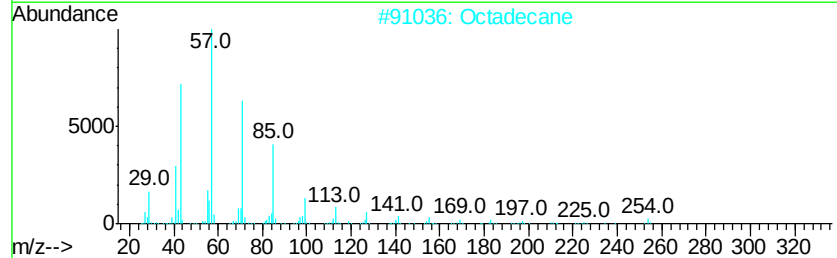
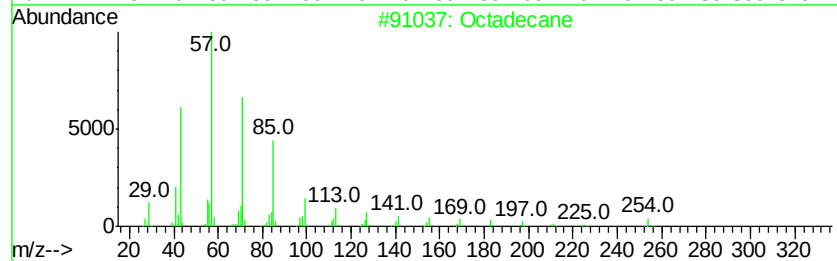
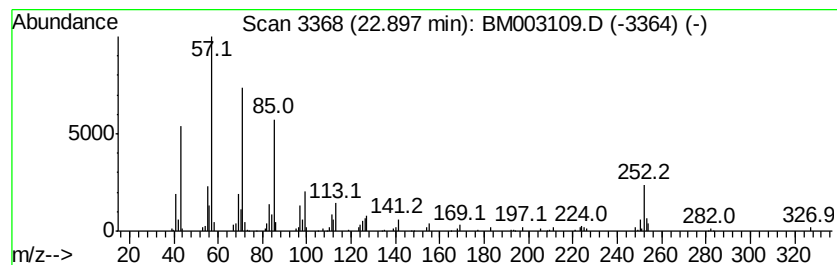
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.72 ng/ul	293743	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Octadecane	254	C18H38	000593-45-3	96
3		Octadecane	254	C18H38	000593-45-3	93
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Hentriacontane	437	C31H64	000630-04-6	87



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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT1

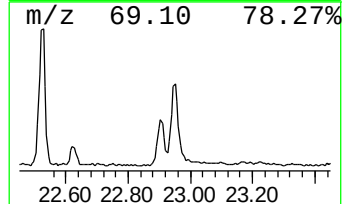
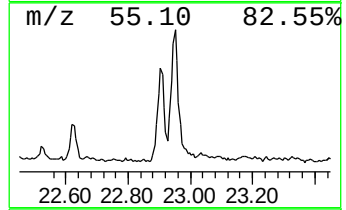
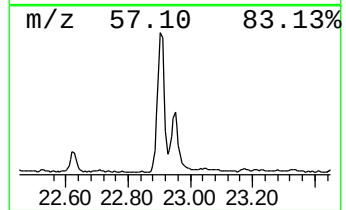
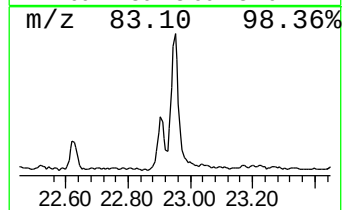
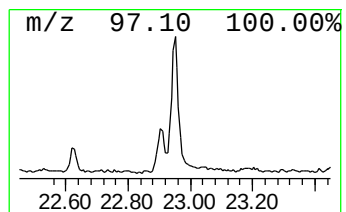
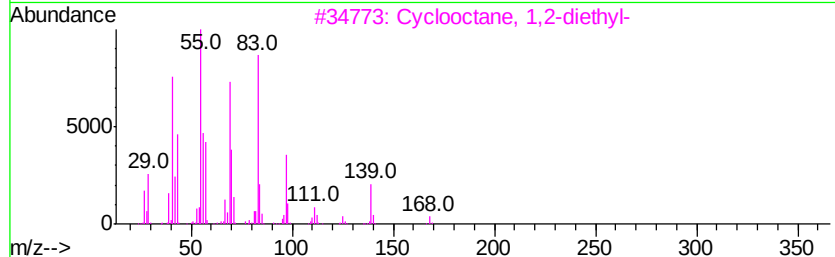
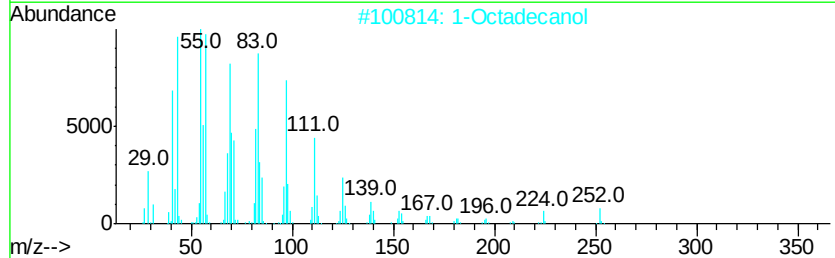
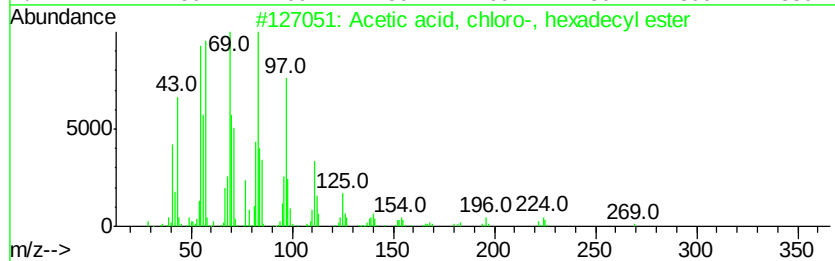
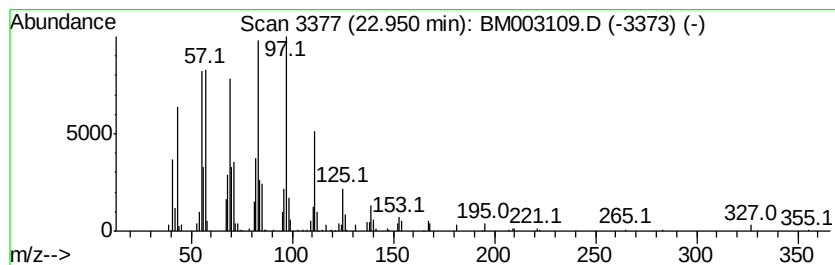
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Acetic acid, chloro-, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.40 ng/ul	259821	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	64
2		1-Octadecanol	270	C18H38O	000112-92-5	64
3		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	64
4		1-Octadecanol	270	C18H38O	000112-92-5	58
5		1-Eicosene	280	C20H40	003452-07-1	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
Data File : BM003109.D
Acq On : 12 Nov 2015 06:49
Operator : UM/IZ
Sample : G4322-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT1

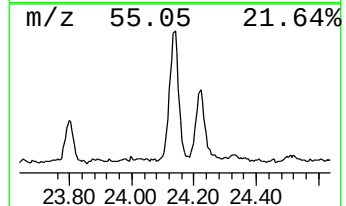
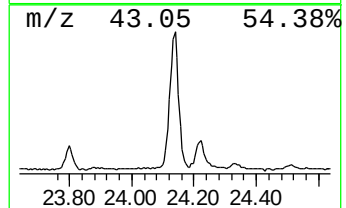
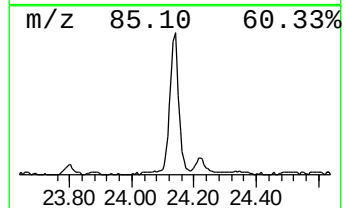
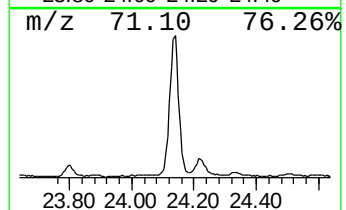
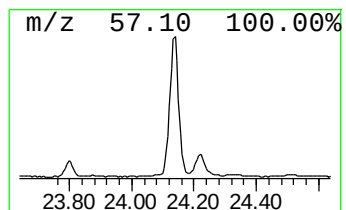
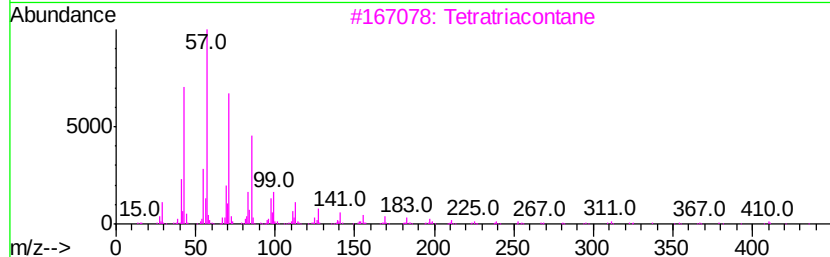
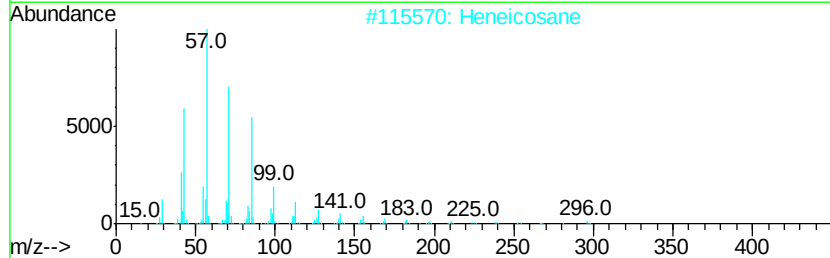
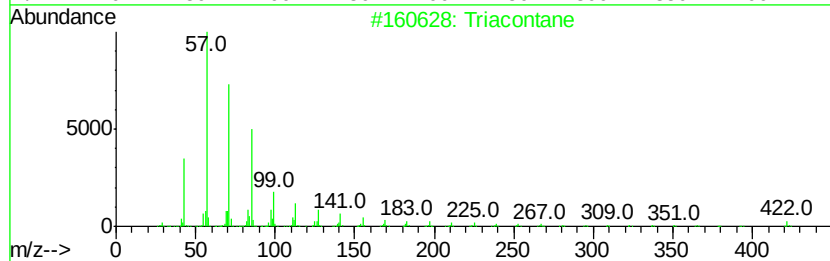
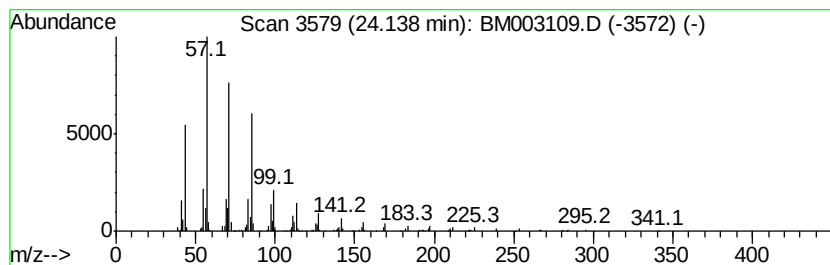
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic24.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	4.02 ng/ul	434842	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
Data File : BM003109.D
Acq On : 12 Nov 2015 06:49
Operator : UM/IZ
Sample : G4322-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

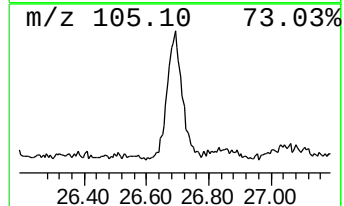
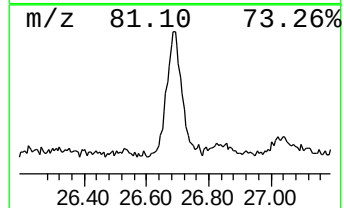
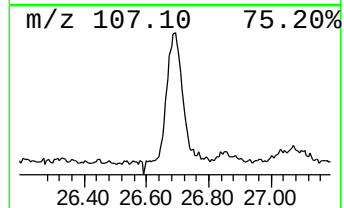
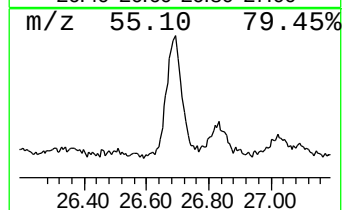
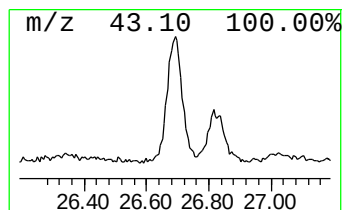
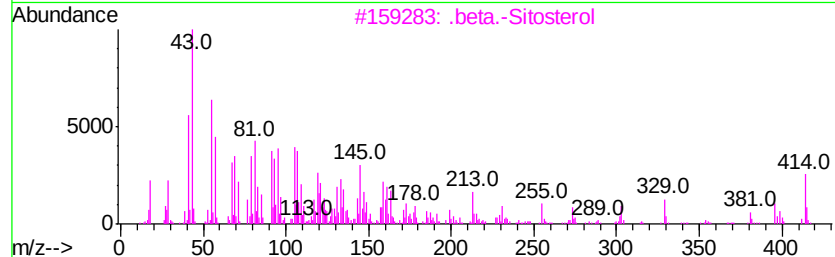
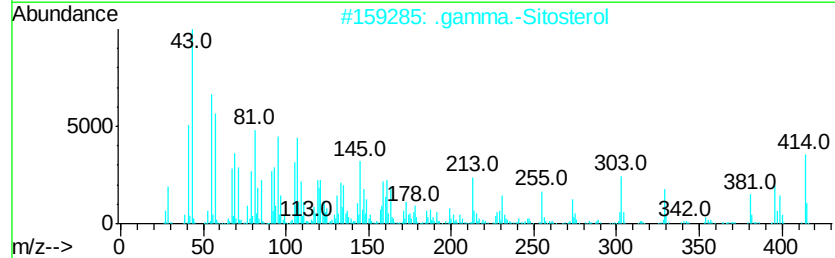
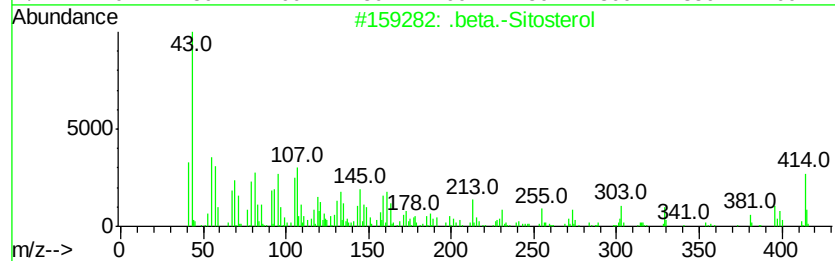
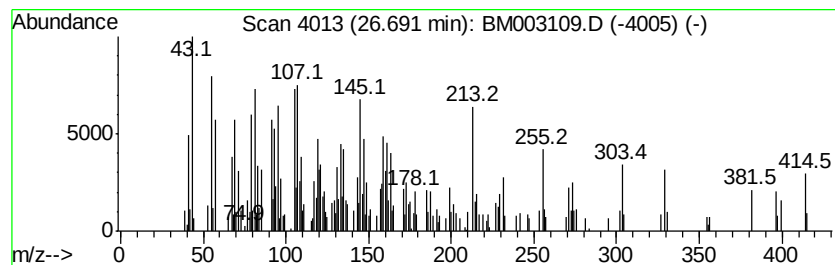
Instrument :
BNA_M
ClientSampled :
A4HT1

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 6 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
26.69	4.34 ng/ul	468589	Perylene-d12	23.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
4	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	96
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	41



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111115\
Data File : BM003109.D
Acq On : 12 Nov 2015 06:49
Operator : UM/IZ
Sample : G4322-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT1

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
1,4-Naphthalenedi...	14.64	27.9	ng/ul	2677310	3	14.40	1918230	20.0
unknown-01	15.77	7.5	ng/ul	880886	4	17.14	2343120	20.0
(DEL) Alkane: Str...	22.90	2.7	ng/ul	293743	6	23.60	2161130	20.0
Acetic acid, chlo...	22.95	2.4	ng/ul	259821	6	23.60	2161130	20.0
(DEL) Alkane: Cyc...	24.14	4.0	ng/ul	434842	6	23.60	2161130	20.0
.beta.-Sitosterol	26.69	4.3	ng/ul	468589	6	23.60	2161130	20.0