

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003160.D
 Acq On : 17 Nov 2015 01:38
 Operator : UM/IZ
 Sample : G4323-30
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J59

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	3.204	16	20	26	rBV	27758	33350	1.32%	0.093%
2	4.163	178	183	188	rBV	39242	51096	2.01%	0.143%
3	4.575	248	253	258	rBV	24031	32709	1.29%	0.091%
4	4.857	294	301	308	rVB3	12518	21090	0.83%	0.059%
5	6.904	642	649	664	rVB	452930	744996	29.38%	2.082%
6	7.075	672	678	687	rBV	380403	586201	23.12%	1.638%
7	7.275	705	712	721	rVB	496287	768120	30.29%	2.146%
8	7.745	785	792	799	rBV	608937	960183	37.87%	2.683%
9	8.445	904	911	921	rVB	607501	953851	37.62%	2.665%
10	8.898	981	988	998	rVB	446445	707444	27.90%	1.977%
11	9.322	1055	1060	1065	rVB	8054	11509	0.45%	0.032%
12	9.622	1099	1111	1117	rBV	356134	588283	23.20%	1.644%
13	10.151	1194	1201	1209	rBV	602184	971072	38.29%	2.714%
14	10.533	1259	1266	1275	rBV	866640	1475104	58.17%	4.122%
15	10.669	1281	1289	1301	rBV	506313	847119	33.41%	2.367%
16	12.127	1529	1537	1541	rBV	8479	11997	0.47%	0.034%
17	12.739	1637	1641	1646	rVB	10426	14178	0.56%	0.040%
18	12.992	1679	1684	1689	rBV	19521	26756	1.06%	0.075%
19	13.798	1815	1821	1825	rBV	1068608	1468616	57.92%	4.104%
20	13.845	1825	1829	1837	rVV	765155	1045509	41.23%	2.922%
21	14.080	1863	1869	1877	rVB	1179613	1775209	70.01%	4.961%
22	14.292	1900	1905	1910	rBV	27284	33747	1.33%	0.094%
23	14.392	1915	1922	1930	rBV2	1313113	1956082	77.14%	5.466%
24	14.580	1948	1954	1959	rBV	311918	430298	16.97%	1.202%
25	14.633	1959	1963	1976	rVV	147312	242325	9.56%	0.677%
26	14.739	1976	1981	1987	rVV4	8045	16881	0.67%	0.047%
27	14.798	1987	1991	1997	rVB4	5798	9780	0.39%	0.027%
28	14.910	2006	2010	2017	rBV3	7562	13241	0.52%	0.037%
29	15.192	2053	2058	2061	rBV	17685	24603	0.97%	0.069%
30	15.245	2061	2067	2073	rVB2	59143	88666	3.50%	0.248%
31	15.386	2084	2091	2098	rVB	1558916	2225015	87.74%	6.217%
32	15.498	2104	2110	2117	rBV	301492	397819	15.69%	1.112%
33	15.627	2126	2132	2135	rBV3	22302	39223	1.55%	0.110%
34	15.745	2148	2152	2157	rVV4	6016	9328	0.37%	0.026%

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35	15.798	2157	2161	2167	rVV2	7345	11140	0.44%	0.031%
36	15.863	2167	2172	2176	rVB2	6691	10148	0.40%	0.028%
37	16.110	2209	2214	2217	rBV	72226	107345	4.23%	0.300%
38	16.168	2222	2224	2229	rVV4	7091	10813	0.43%	0.030%
39	16.221	2229	2233	2237	rVV2	8481	11806	0.47%	0.033%
40	16.280	2239	2243	2247	rVV2	17621	25307	1.00%	0.071%
41	16.339	2249	2253	2256	rVV4	9604	15056	0.59%	0.042%
42	16.380	2256	2260	2264	rVB4	7740	13344	0.53%	0.037%
43	16.457	2264	2273	2276	rBV5	9917	22068	0.87%	0.062%
44	16.533	2280	2286	2294	rVB6	12796	32458	1.28%	0.091%
45	16.610	2294	2299	2304	rBV3	15583	25522	1.01%	0.071%
46	16.680	2308	2311	2314	rVV3	10091	11011	0.43%	0.031%
47	16.898	2342	2348	2352	rVV	74451	98962	3.90%	0.277%
48	16.951	2354	2357	2365	rVB	20936	33164	1.31%	0.093%
49	17.139	2382	2389	2395	rBV2	1465048	2153774	84.94%	6.018%
50	17.233	2397	2405	2418	rVB2	1528461	2236379	88.19%	6.249%
51	17.374	2425	2429	2434	rVB3	7557	12283	0.48%	0.034%
52	17.433	2435	2439	2442	rBV3	5900	8692	0.34%	0.024%
53	17.509	2447	2452	2456	rVV4	6665	14034	0.55%	0.039%
54	17.633	2469	2473	2477	rVV	58929	74518	2.94%	0.208%
55	17.674	2477	2480	2488	rVB5	5932	14250	0.56%	0.040%
56	17.921	2516	2522	2529	rBV3	14484	31497	1.24%	0.088%
57	18.027	2535	2540	2545	rVB2	55565	68378	2.70%	0.191%
58	18.327	2585	2591	2595	rBV4	24300	35969	1.42%	0.101%
59	18.539	2620	2627	2633	rBV2	11654	23873	0.94%	0.067%
60	18.633	2640	2643	2648	rVV7	8916	13436	0.53%	0.038%
61	18.798	2668	2671	2675	rBV2	12756	16887	0.67%	0.047%
62	18.892	2682	2687	2691	rBV	33379	48252	1.90%	0.135%
63	18.956	2695	2698	2706	rVB2	14845	26665	1.05%	0.075%
64	19.168	2730	2734	2737	rBV	16385	22194	0.88%	0.062%
65	19.209	2737	2741	2747	rVB4	9597	17518	0.69%	0.049%
66	19.315	2755	2759	2761	rBV2	20403	25585	1.01%	0.071%
67	19.398	2769	2773	2774	rBV3	5824	8125	0.32%	0.023%
68	19.439	2774	2780	2785	rVV2	31714	57202	2.26%	0.160%
69	19.533	2788	2796	2804	rVV	1764180	2457728	96.92%	6.868%
70	19.803	2838	2842	2847	rBV6	11902	21853	0.86%	0.061%
71	19.903	2854	2859	2860	rBV5	6507	10814	0.43%	0.030%

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72	19.974	2867	2871	2876	rBV	17006	28645	1.13%	0.080%
73	20.021	2876	2879	2880	rBV3	10440	10476	0.41%	0.029%
74	20.045	2881	2883	2887	rVV3	13682	15916	0.63%	0.044%
75	20.086	2887	2890	2892	rVV	10216	10711	0.42%	0.030%
76	20.192	2905	2908	2911	rVB3	11962	14610	0.58%	0.041%
77	20.303	2925	2927	2930	rVB3	11162	9062	0.36%	0.025%
78	20.456	2949	2953	2959	rVB	34118	48487	1.91%	0.135%
79	20.533	2960	2966	2970	rBV3	18223	32662	1.29%	0.091%
80	20.668	2985	2989	2990	rBV	29072	36969	1.46%	0.103%
81	20.709	2993	2996	3000	rVV	58041	71280	2.81%	0.199%
82	20.774	3004	3007	3015	rVB2	30106	44006	1.74%	0.123%
83	20.997	3043	3045	3047	rBV3	10141	8232	0.32%	0.023%
84	21.033	3047	3051	3062	rVB	307480	386309	15.23%	1.079%
85	21.133	3065	3068	3069	rBV	26510	25426	1.00%	0.071%
86	21.156	3070	3072	3075	rVB	38073	36575	1.44%	0.102%
87	21.215	3079	3082	3085	rBV3	16607	24542	0.97%	0.069%
88	21.327	3095	3101	3107	rBV	1840252	2338578	92.22%	6.535%
89	21.933	3199	3204	3209	rVB	131086	167040	6.59%	0.467%
90	22.250	3251	3258	3265	rVB3	40144	94289	3.72%	0.263%
91	22.380	3276	3280	3284	rBV2	60290	83289	3.28%	0.233%
92	22.897	3363	3368	3371	rBV	52055	79610	3.14%	0.222%
93	22.939	3372	3375	3381	rVB3	38237	55198	2.18%	0.154%
94	23.444	3453	3461	3474	rBV	1290132	2535787	100.00%	7.086%
95	23.586	3478	3485	3500	rVB	1226800	2333503	92.02%	6.521%
96	24.121	3571	3576	3584	rVB	67096	134392	5.30%	0.376%
97	24.203	3587	3590	3602	rVB4	43899	93315	3.68%	0.261%
98	24.880	3700	3705	3711	rVB	43395	85886	3.39%	0.240%
99	26.091	3905	3911	3921	rVB2	122739	321761	12.69%	0.899%
100	26.356	3949	3956	3966	rVB2	87916	250570	9.88%	0.700%

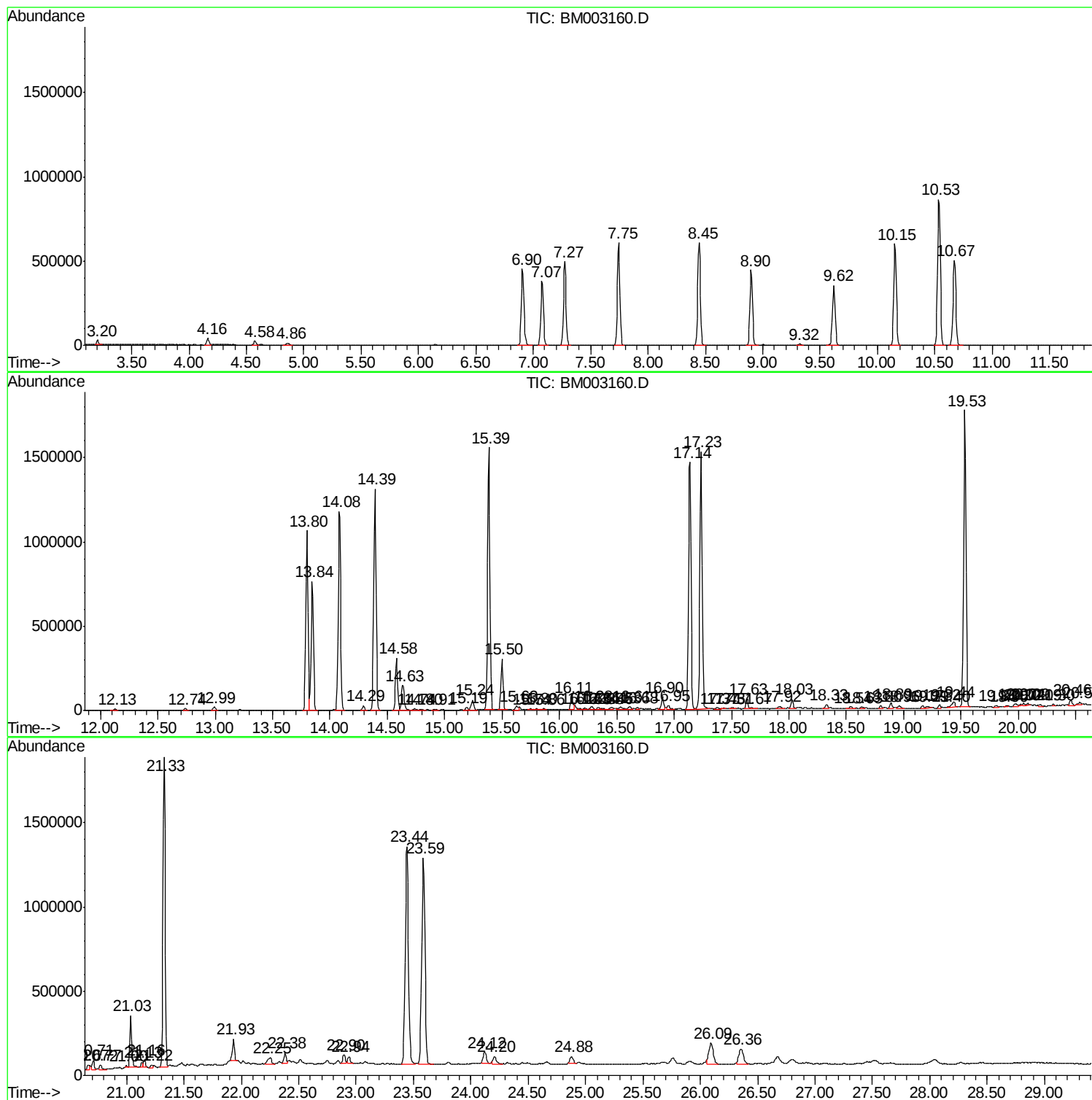
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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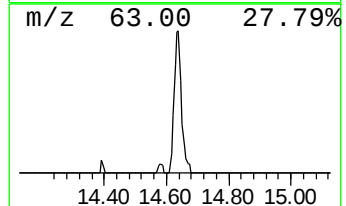
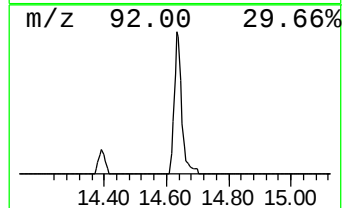
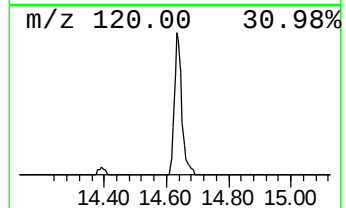
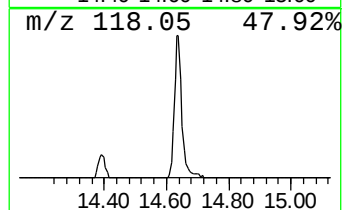
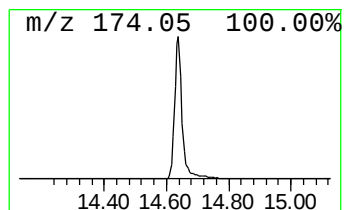
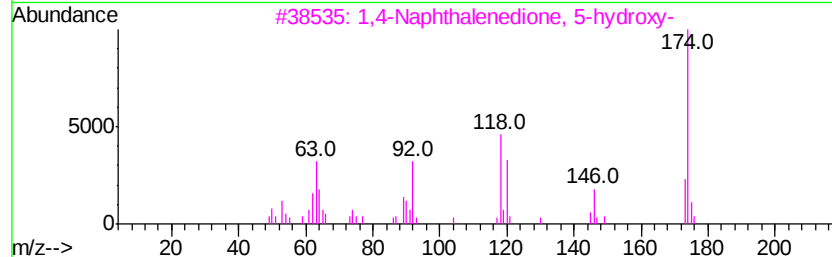
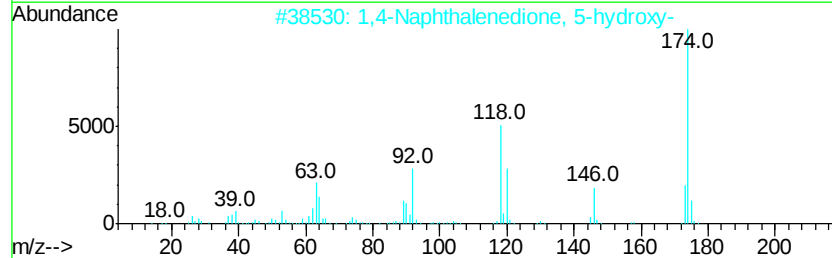
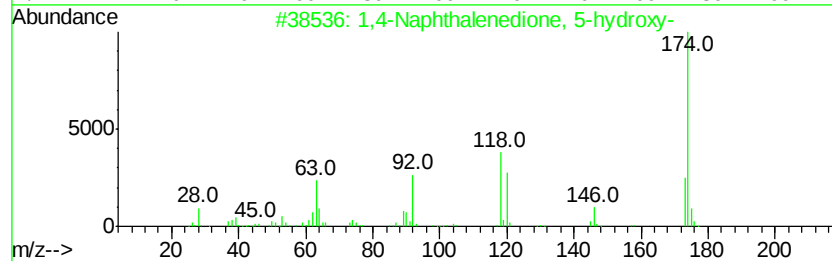
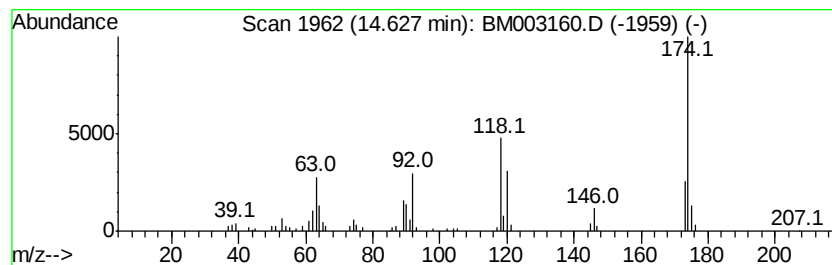
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,4-Naphthalenedione, 5-hyd... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.48 ng/ul	242325	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	98
2			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	94
3			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	94
4			8-Quinololinol, 5-nitroso-	174	C9H6N2O2	003565-26-2	46
5			Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	38



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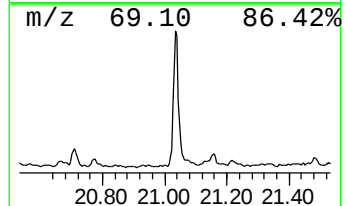
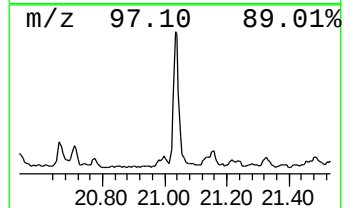
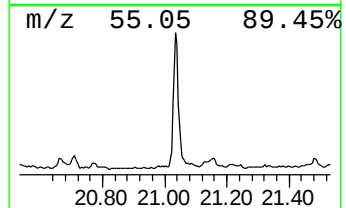
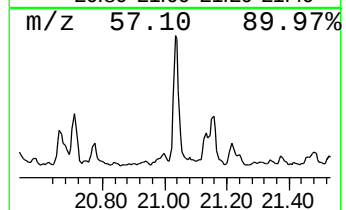
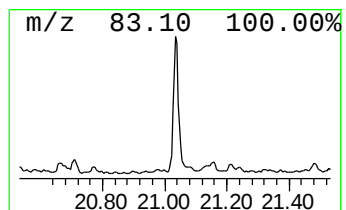
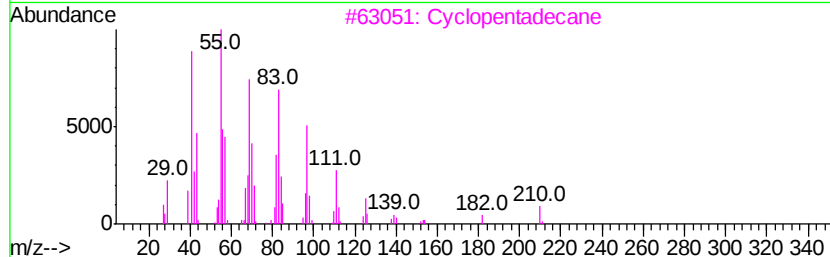
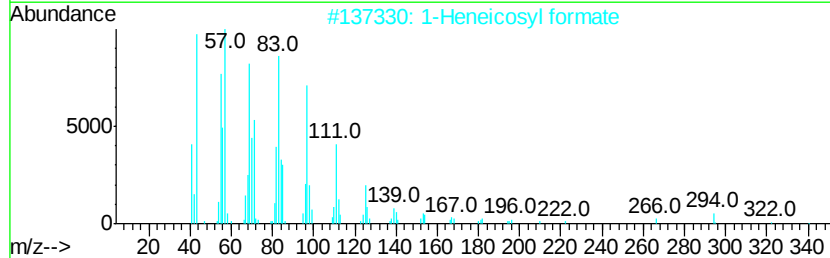
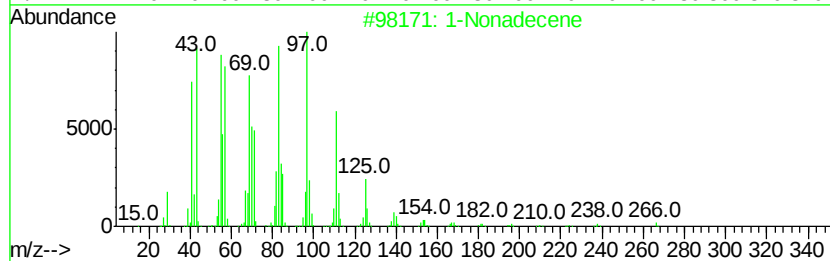
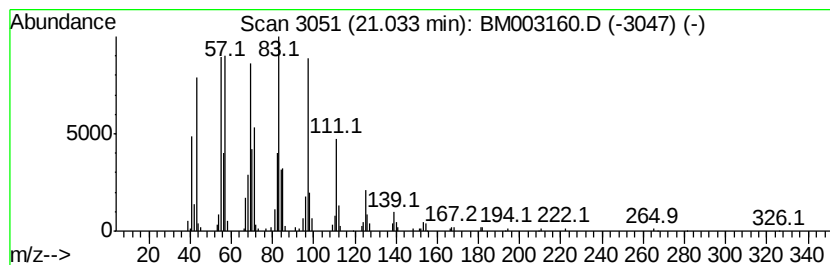
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	3.30 ng/ul	386309	Chrysene-d12	21.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	94
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3			Cyclopentadecane	210	C15H30	000295-48-7	93
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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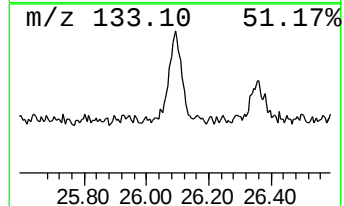
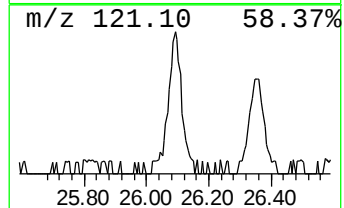
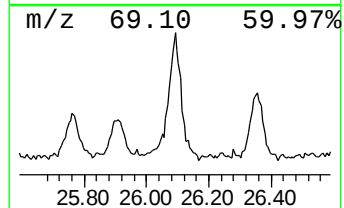
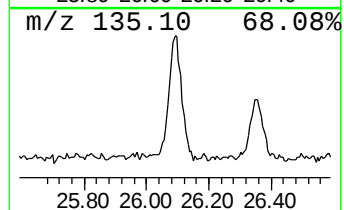
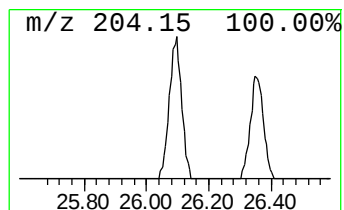
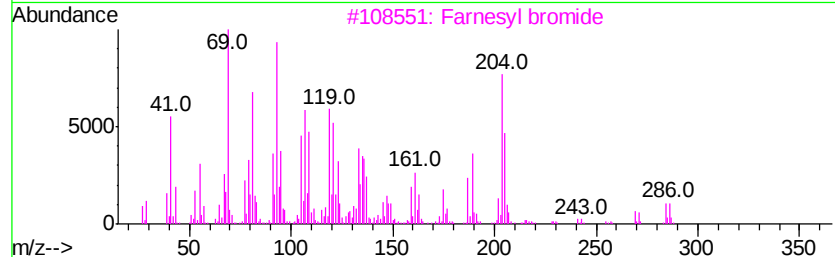
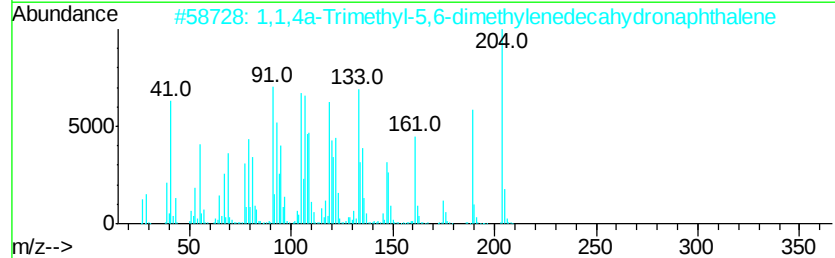
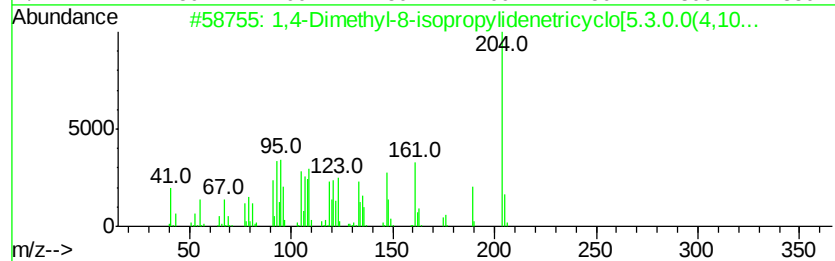
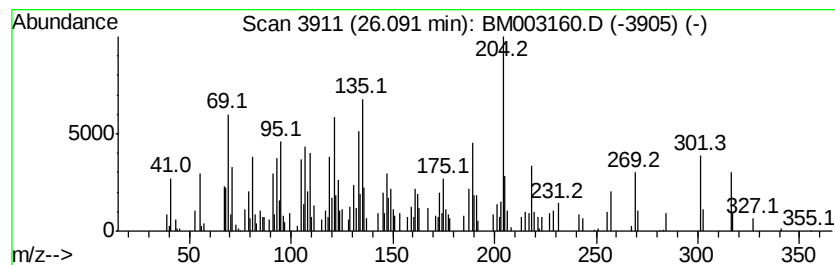
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Peak Number 3 1,4-Dimethyl-8-isopropylide... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	2.76 ng/ul	321761	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	60
2		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	59
3		Farnesyl bromide	284	C15H25Br	006874-67-5	55
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5		(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
Data File : BM003160.D
Acq On : 17 Nov 2015 01:38
Operator : UM/IZ
Sample : G4323-30
Misc :
ALS Vial : 20 Sample Multiplier: 1

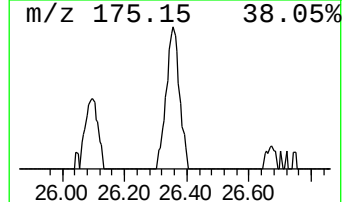
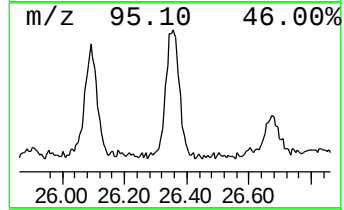
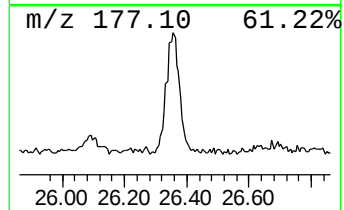
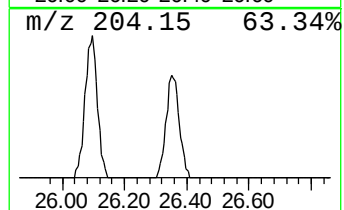
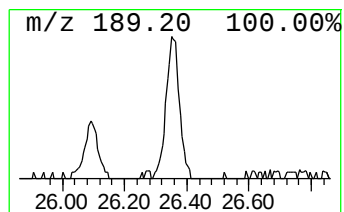
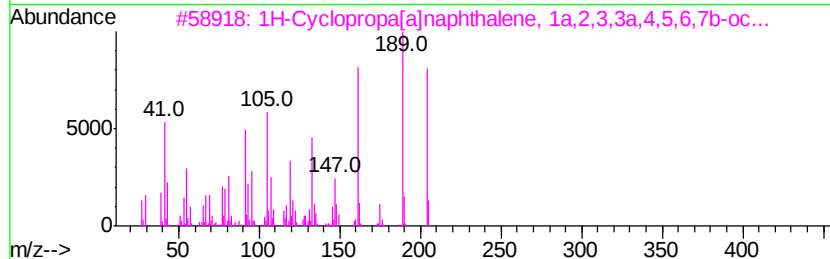
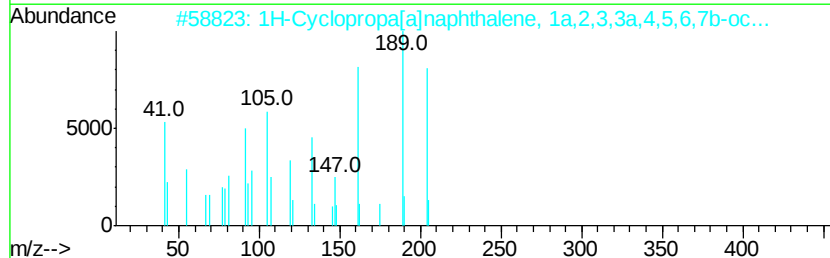
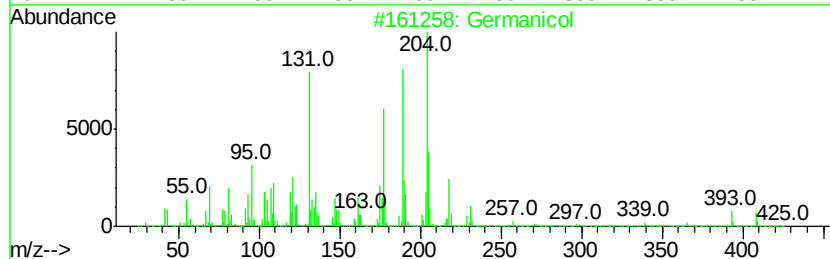
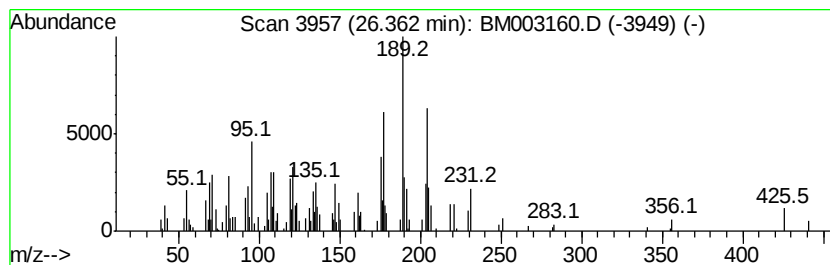
Instrument :
BNA_M
ClientSampleId :
A4J59

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 4 Germanicol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.36	2.15 ng/ul	250570	Perylene-d12	23.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Germanicol		426 C30H500	000465-02-1 58
2	1H-Cyclopropa[a]naphthalene, 1a,...		204 C15H24	1000147-32-8 45
3	1H-Cyclopropa[a]naphthalene, 1a,...		204 C15H24	000489-29-2 45
4	Naphthalene, decahydro-4a-methyl...		204 C15H24	000515-17-3 41
5	.delta.-Selinene		204 C15H24	028624-23-9 38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111715\
Data File : BM003160.D
Acq On : 17 Nov 2015 01:38
Operator : UM/IZ
Sample : G4323-30
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J59

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...	14.63	2.5	ng/ul	242325	3	14.39	1956080	20.0
(DEL) Alkane: Cyc...	21.03	3.3	ng/ul	386309	5	21.33	2338580	20.0
1,4-Dimethyl-8-is...	26.09	2.8	ng/ul	321761	6	23.59	2333500	20.0
Germanicol	26.36	2.1	ng/ul	250570	6	23.59	2333500	20.0