LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM021216.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	2.769	9	14	23	rBV	109379	184829	31.09%	2.167%
2	2.846	23	27	40	rVB	128467	158921	26.73%	1.863%
3	3.110	69	72	78	rBV	3372	3632	0.61%	0.043%
4	3.628	158	160	164	rBV	2690	2709	0.46%	0.032%
5	3.846	194	197	200	rVB	1507	1386	0.23%	0.016%
6	4.751	348	351	356	rBB2	1382	1930	0.32%	0.023%
7	6.328	616	619	621	rBB	1076	1081	0.18%	0.013%
8	6.828	699	704	713	rBB	73588	110065	18.51%	1.290%
9	6.981	725	730	738	rBB	60122	88238	14.84%	1.035%
10	7.181	758	764	772	rBB	80492	122905	20.67%	1.441%
11	7.251	773	776	780	rBB	1565	1868	0.31%	0.022%
12	7.645	837	843	849	rBB	123928	188947	31.78%	2.215%
13	8.363	959	965	973	rBB	100573	156193	26.27%	1.831%
14	8.804	1034	1040	1048	rBB	72835	114193	19.21%	1.339%
15	8.939	1060	1063	1068	rBB	1979	2706	0.46%	0.032%
16	9.522	1157	1162	1169	rBB	63886	96832	16.29%	1.135%
17	10.063	1248	1254	1264	rBB	97865	158674	26.69%	1.860%
18	10.204	1275	1278	1281	rBB	734	1056	0.18%	0.012%
19	10.433	1310	1317	1325	rBB	185165	304158	51.16%	3.566%
20	10.580	1336	1342	1353	rBV	25395	43655	7.34%	0.512%
21	12.033	1586	1589	1591	rBB	978	1087	0.18%	0.013%
22	13.198	1783	1787	1790	rBB	2244	3100	0.52%	0.036%
23	13.233	1790	1793	1796	rBB	1306	1557	0.26%	0.018%
24	13.616	1855	1858	1862	rBB	5812	6202	1.04%	0.073%
25	13.716	1869	1875	1879	rBV	189940	253101	42.57%	2.967%
26	13.763	1879	1883	1889	rVB	91880	120348	20.24%	1.411%
27	13.998	1917	1923	1933	rBB	215007	314193	52.85%	3.684%
28	14.204	1954	1958	1961	rBB	8298	9204	1.55%	0.108%
29	14.304	1970	1975	1982	rBB2	261953	403054	67.80%	4.726%
30	14.533	2010	2014	2027	rBB	39149	68517	11.53%	0.803%
31	14.821	2061	2063	2065	rBB	1293	1225	0.21%	0.014%
32	15.104	2109	2111	2116	rBB	1463	1879	0.32%	0.022%
33	15.157	2117	2120	2124	rBB	11595	13350	2.25%	0.157%
34	15.304	2139	2145	2151	rBB	276139	386119	64.95%	4.527%

LSC Area Percent Report

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Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM021216.M
Title : SVOA CALIBRATION

35	15.439	2164	2168	2174	rBB	61640	81069	13.64%	0.950%
36	15.545	2183	2186	2188	rBV	2810	3443	0.58%	0.040%
37	15.563	2188	2189	2191	rVV	2665	2219	0.37%	0.026%
38	15.592	2191	2194	2197	rVB	1723	2139	0.36%	0.025%
39	16.021	2263	2267	2278	rBB2	12136	20716	3.48%	0.243%
40	16.368	2323	2326	2328	rBV	1101	1163	0.20%	0.014%
41	16.815	2399	2402	2406	rBV2	23737	29517	4.97%	0.346%
42	16.868	2406	2411	2413	rVB	1849	2843	0.48%	0.033%
43	16.927	2418	2421	2424	rBB	4108	4242	0.71%	0.050%
44	17.057	2437	2443	2448	rBV	301326	427608	71.93%	5.013%
45	17.104	2448	2451	2454	rVV	8731	10381	1.75%	0.122%
46	17.157	2454	2460	2470	rVB2	269089	373239	62.78%	4.376%
47	17.474	2511	2514	2516	rBB	763	824	0.14%	0.010%
48	17.551	2525	2527	2530	rBB	3502	3553	0.60%	0.042%
49	17.956	2592	2596	2602	rBV	30115	40894	6.88%	0.479%
50	18.004	2602	2604	2611	rVB3	2172	2995	0.50%	0.035%
51	18.068	2611	2615	2617	rBV4	1593	2595	0.44%	0.030%
52	18.104	2620	2621	2623	rBV2	1438	1014	0.17%	0.012%
53	18.168	2623	2632	2635	rBV6	12881	35533	5.98%	0.417%
54	18.251	2642	2646	2647	rBV2	8760	10753	1.81%	0.126%
55	18.286	2650	2652	2655	rVV3	10454	13473	2.27%	0.158%
56	18.362	2656	2665	2678	rVB10	15797	70548	11.87%	0.827%
57	18.498	2678	2688	2694	rBV7	16139	53054	8.92%	0.622%
58	18.639	2707	2712	2717	rBV5	7214	14092	2.37%	0.165%
59	18.727	2725	2727	2732	rVB4	6674	7984	1.34%	0.094%
60	18.880	2750	2753	2758	rBV3	8720	10289	1.73%	0.121%
61	18.927	2758	2761	2764	rBV	1340	1627	0.27%	0.019%
62	19.045	2778	2781	2784	rBV2	1614	2228	0.37%	0.026%
63	19.098	2787	2790	2792	rBV2	2663	3122	0.53%	0.037%
64	19.127	2792	2795	2798	rBV	14026	17766	2.99%	0.208%
65	19.156	2798	2800	2804	rVB2	5053	5042	0.85%	0.059%
66	19.221	2806	2811	2812	rBV2	2713	3519	0.59%	0.041%
67	19.250	2812	2816	2823	rVV3	8491	18170	3.06%	0.213%
68	19.380	2836	2838	2839	rBV2	3982	3069	0.52%	0.036%
69	19.462	2844	2852	2865	rBV	273261	413602	69.57%	4.849%
70	19.562	2866	2869	2872	rVB3	5146	4506	0.76%	0.053%
71	19.645	2879	2883	2884	rBV4	2600	2504	0.42%	0.029%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM021216.M
Title : SVOA CALIBRATION

72	19.680	2886	2889	2890	rBV2	3657	3574	0.60%	0.042%
73	19.698	2890	2892	2897	rVB5	4926	5671	0.95%	0.066%
74	19.756	2898	2902	2906	rVB3	4329	7074	1.19%	0.083%
75	19.809	2906	2911	2912	rBV4	2283	3076	0.52%	0.036%
76	19.827	2912	2914	2915	rBV2	1247	952	0.16%	0.011%
77	19.862	2916	2920	2925	rVB	20728	24173	4.07%	0.283%
78	19.915	2925	2929	2931	rVB3	6837	7647	1.29%	0.090%
79	19.945	2931	2934	2935	rBV2	2520	2550	0.43%	0.030%
80	19.974	2935	2939	2942	rBV3	16390	20144	3.39%	0.236%
81	20.068	2950	2955	2959	rBV3	6217	10016	1.68%	0.117%
82	20.133	2963	2966	2968	rBV2	3455	4219	0.71%	0.049%
83	20.168	2968	2972	2976	rVV3	8643	13159	2.21%	0.154%
84	20.250	2982	2986	2991	rBV	33802	45613	7.67%	0.535%
85	20.303	2991	2995	3001	rVV3	18472	37618	6.33%	0.441%
86	20.397	3006	3011	3015	rBV	109695	140869	23.70%	1.652%
87	20.450	3015	3020	3024	rVB	104104	131807	22.17%	1.545%
88	20.927	3098	3101	3103	rBV3	14161	19069	3.21%	0.224%
89	20.974	3103	3109	3120	rVB3	119911	212609	35.76%	2.493%
90	21.180	3141	3144	3148	rBV	41286	49840	8.38%	0.584%
91	21.268	3154	3159	3164	rBV	339643	451734	75.99%	5.296%
92	21.586	3209	3213	3217	rVB	58820	67338	11.33%	0.789%
93	21.862	3256	3260	3270	rVB	110105	166540	28.01%	1.953%
94	22.850	3423	3428	3440	rVB3	87475	185360	31.18%	2.173%
95	23.356	3509	3514	3520	rVB	193978	330435	55.58%	3.874%
96	23.497	3532	3538	3546	rVB2	215476	397065	66.79%	4.655%
97	26.509	4043	4050	4061	rVB6	48767	147198	24.76%	1.726%
98	27.779	4259	4266	4276	rBV7	42823	139941	23.54%	1.641%
99	27.915	4279	4289	4299	rVV3	167967	594483	100.00%	6.970%
100	28.021	4301	4307	4326	rVB10	56329	281311	47.32%	3.298%

Sum of corrected areas: 8529334

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
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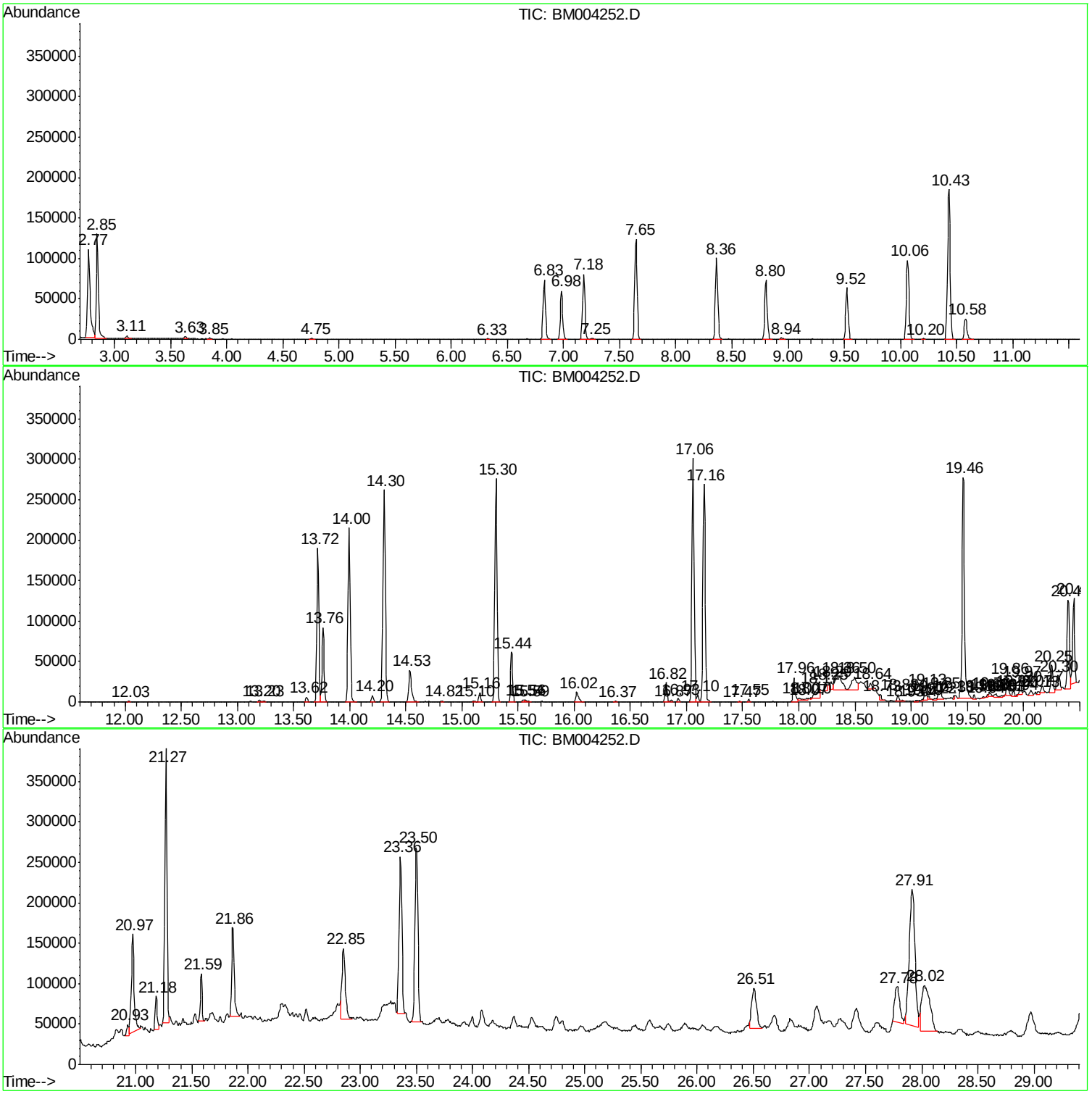
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
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Operator : SJ/IZ
Sample : H1414-14
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

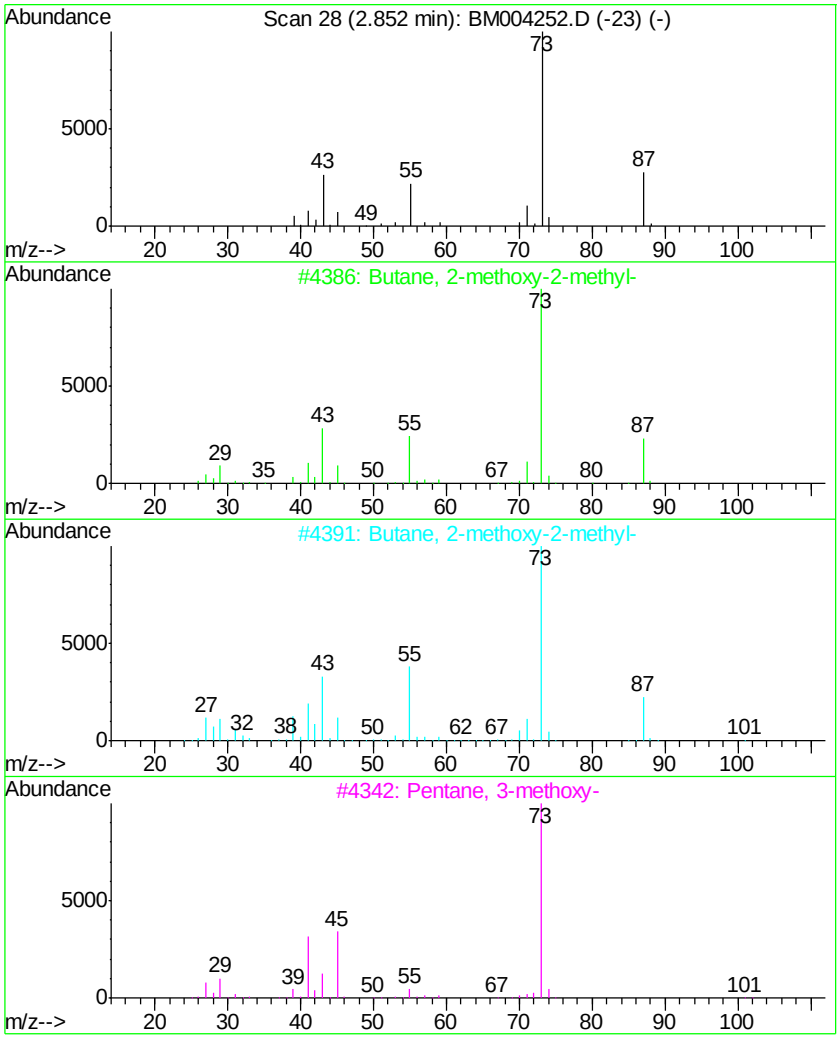
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

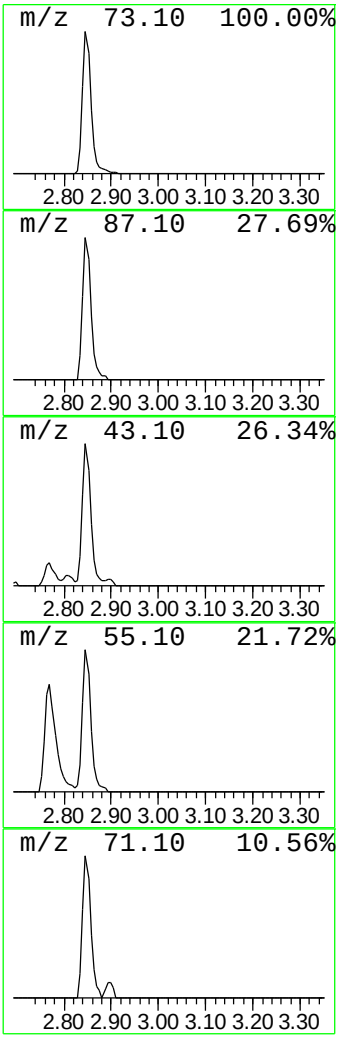
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	16.82 ng/ul	158921	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

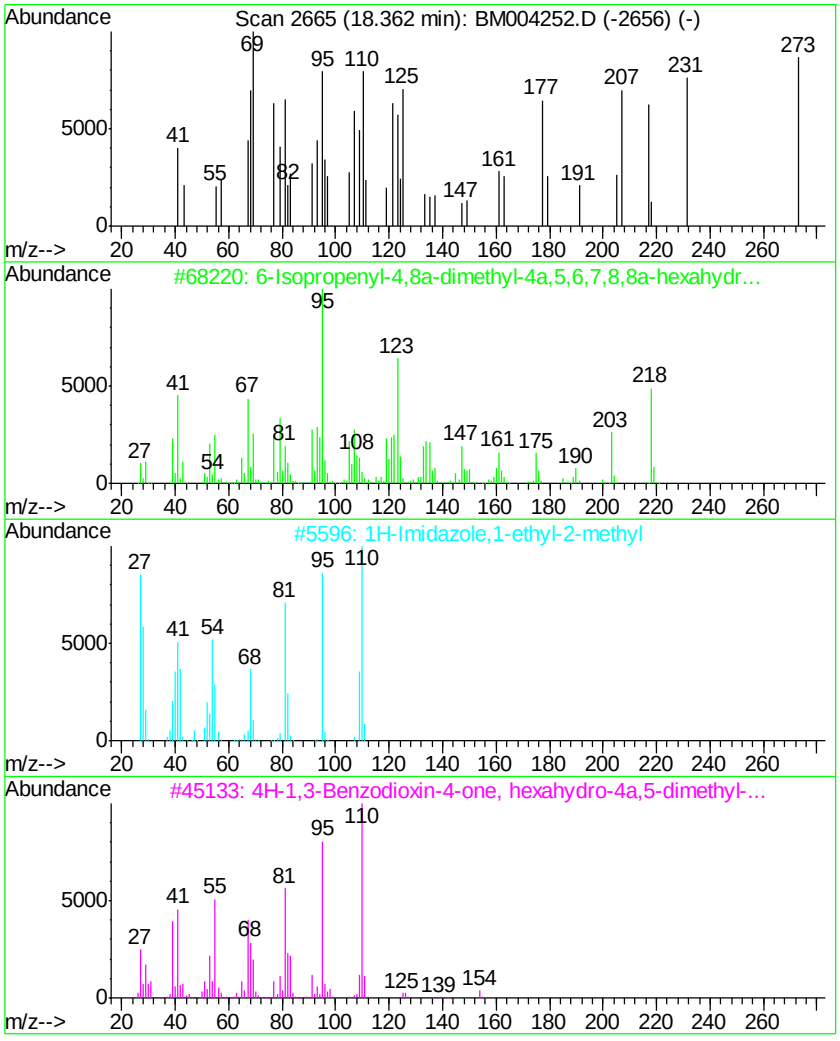
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

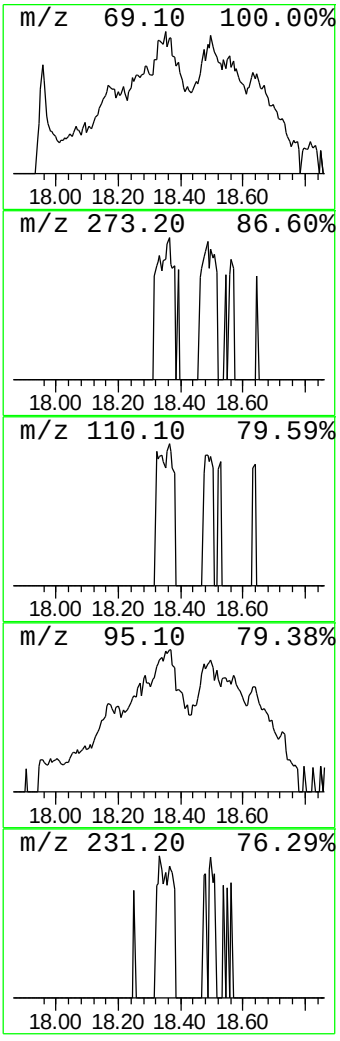
****

Peak Number 3 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.30 ng/ul	70548	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25
2	1H-Imidazole,1-ethyl-2-methyl	110	C6H10N2	021202-52-8	18
3	4H-1,3-Benzodioxin-4-one, hexahy...	184	C10H16O3	124899-17-8	14
4	1-Methoxy-1,4-cyclohexadiene	110	C7H10O	002886-59-1	11
5	1-Methoxy-1,3-cyclohexadiene	110	C7H10O	002161-90-2	11





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
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Sample : H1414-14
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Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

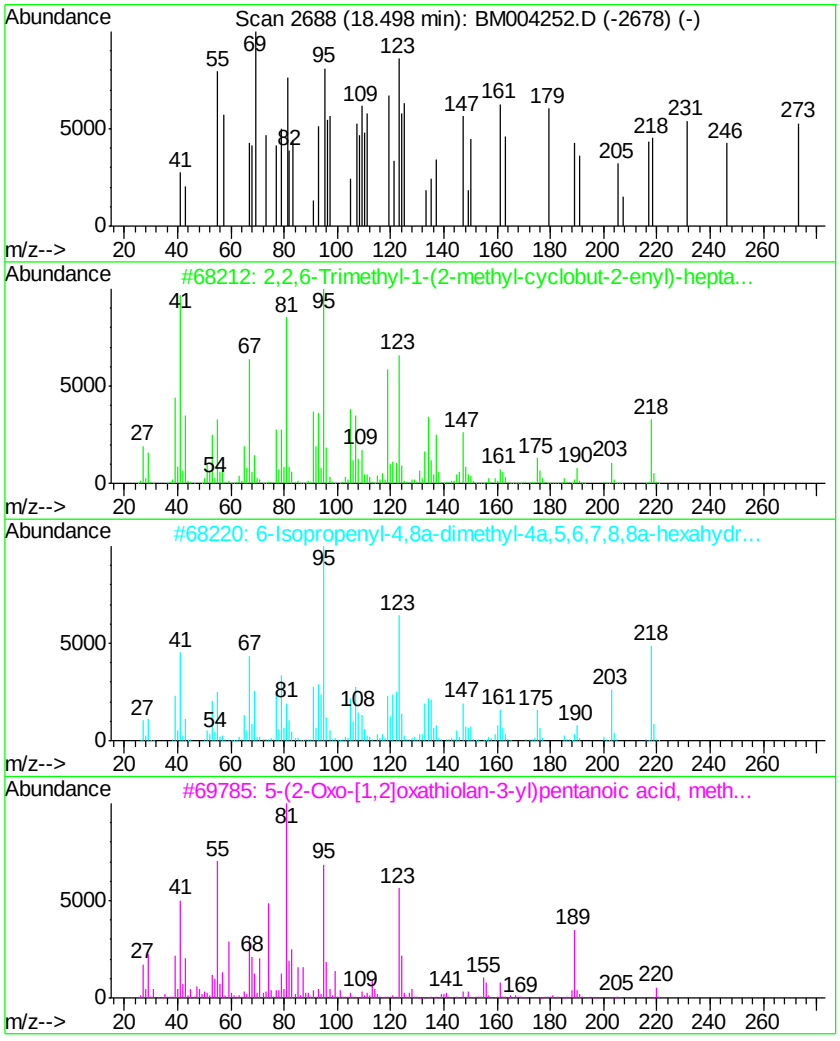
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

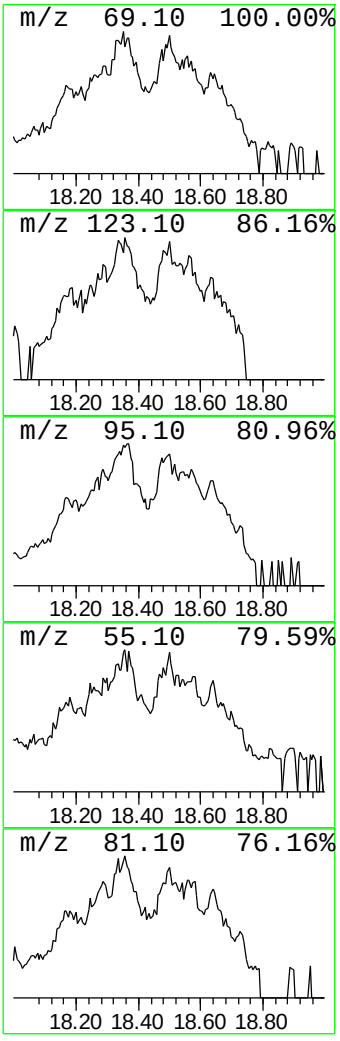
****

Peak Number 4 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.48 ng/ul	53054	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	42
2	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	18
3	5-(2-Oxo-[1,2]oxathiolan-3-yl)pe...	220	C9H16O4S	1000186-41-5	16
4	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	14
5	(1aR,3S,3aS,7R,7aR,7bS)-(-)-1a,2...	222	C15H26O	028329-86-4	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

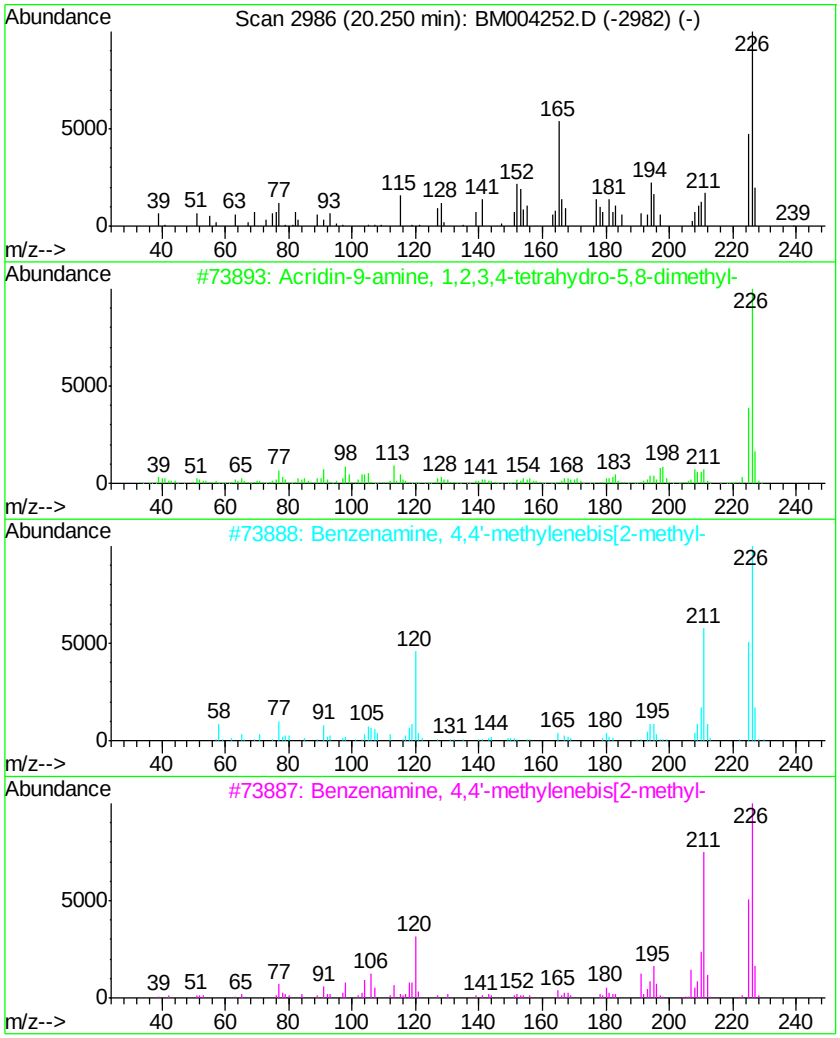
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

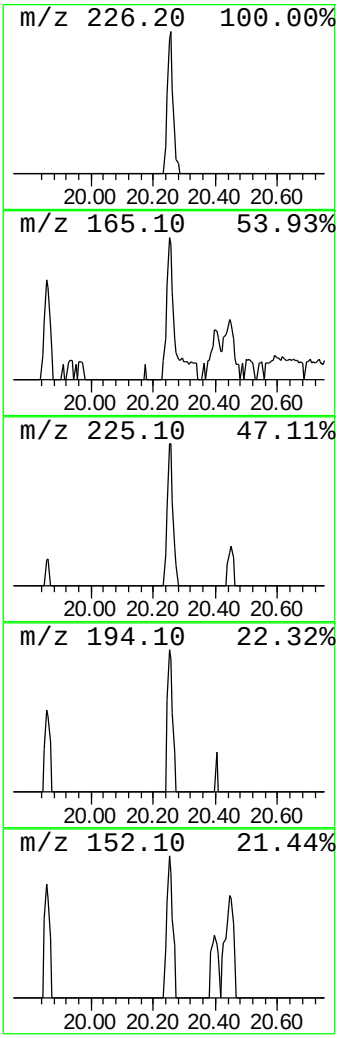
****

Peak Number 5 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.02 ng/ul	45613	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	50
2	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	49
3	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	49
4	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	46
5	1,2,10-Trihydroxyanthracene	226	C14H10O3	000577-33-3	41





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

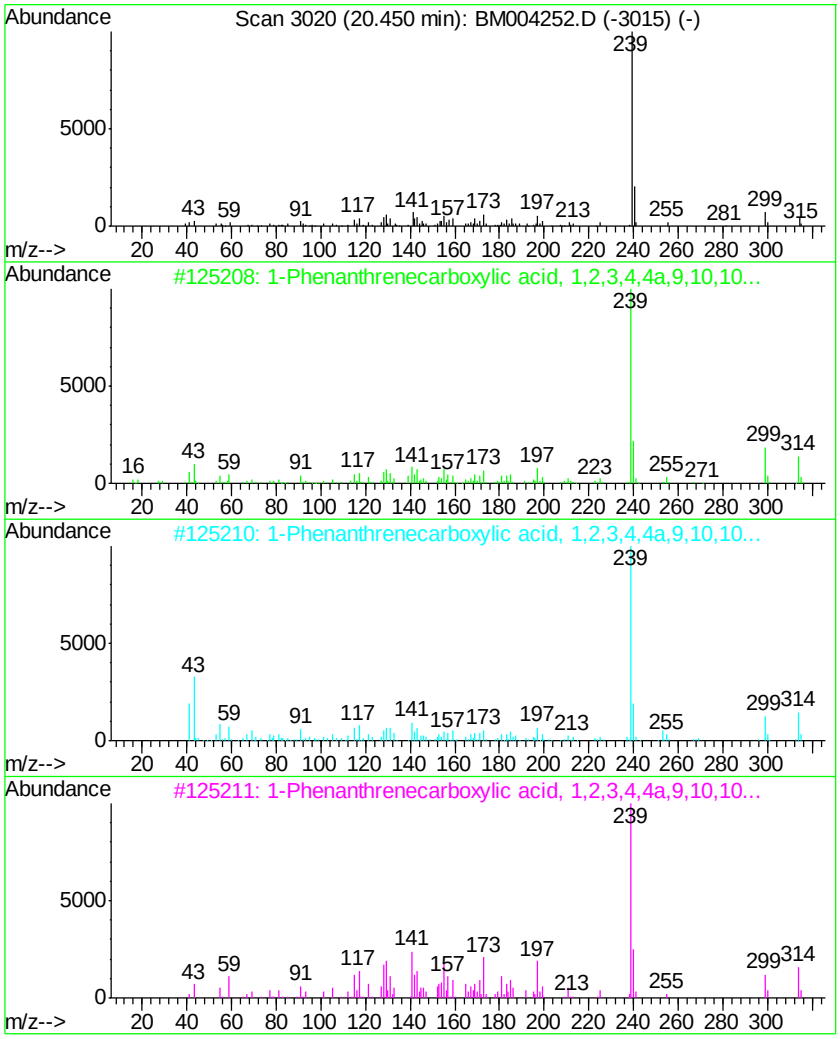
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

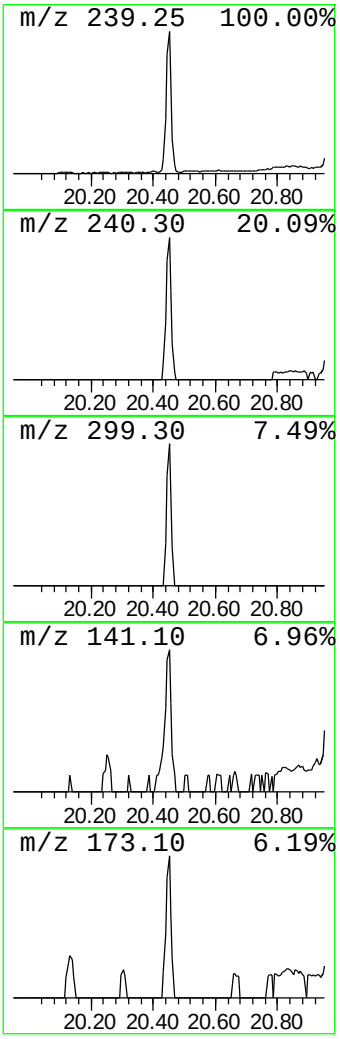
****

Peak Number 6 1-Phenanthrenecarboxylic ac... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	5.84 ng/ul	131807	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	96
2	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	89
3	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	72
4	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	64
5	5-Nitro-3-phenyl-1H-indazole	239	C13H9N3O2	293758-67-5	64





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Data File : BM004252.D
Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

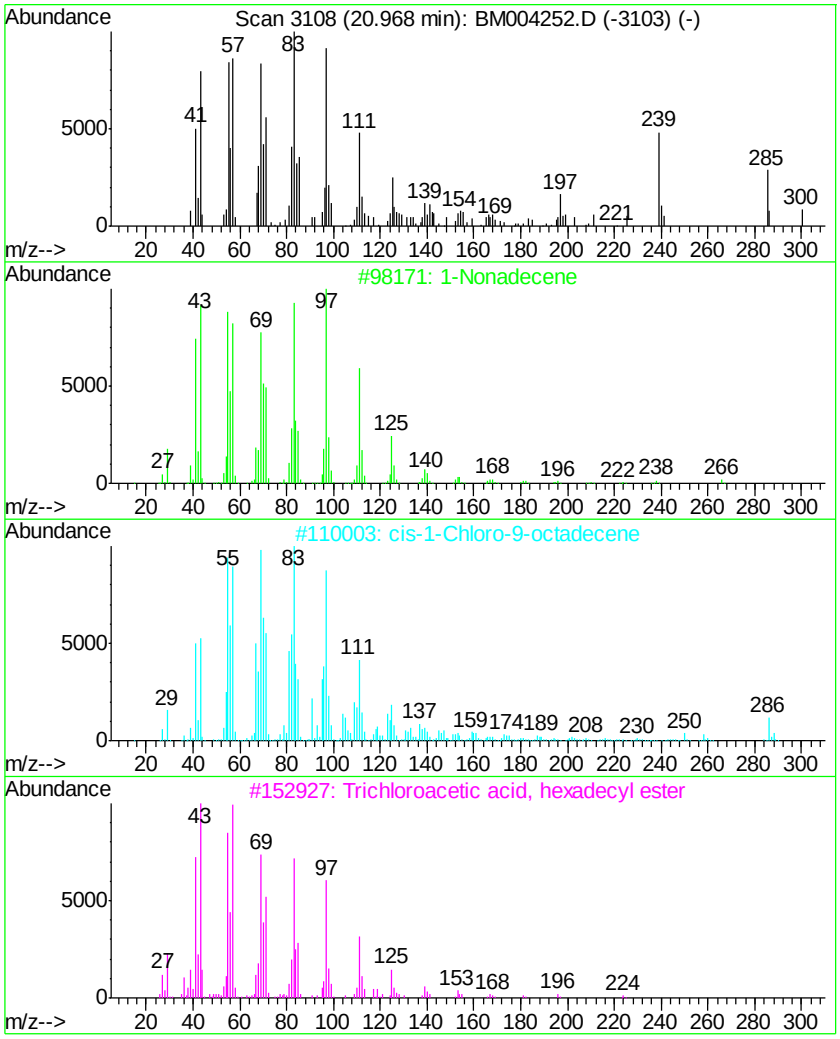
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

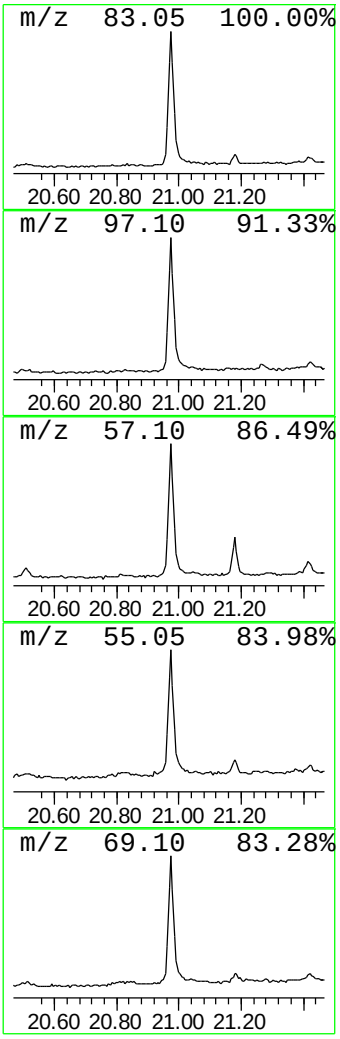
****

Peak Number 7 (DEL) Alkane: Cyclic20.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	9.41 ng/ul	212609	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91





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Data File : BM004252.D
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Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

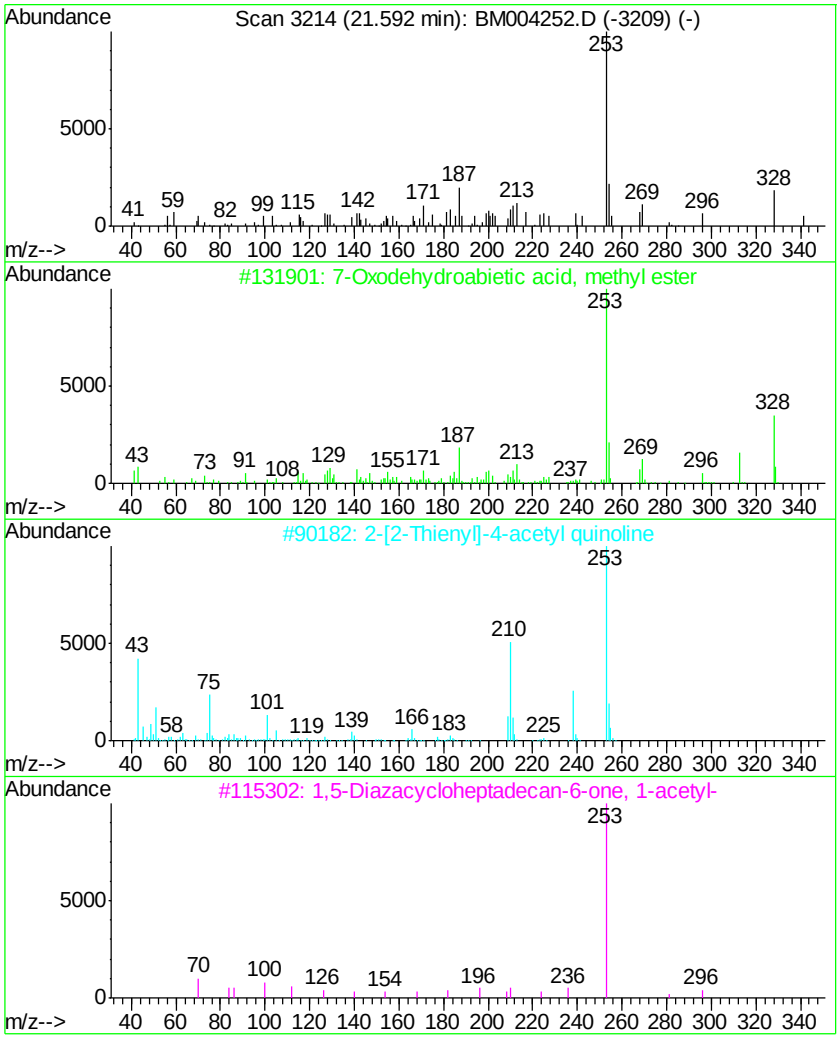
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

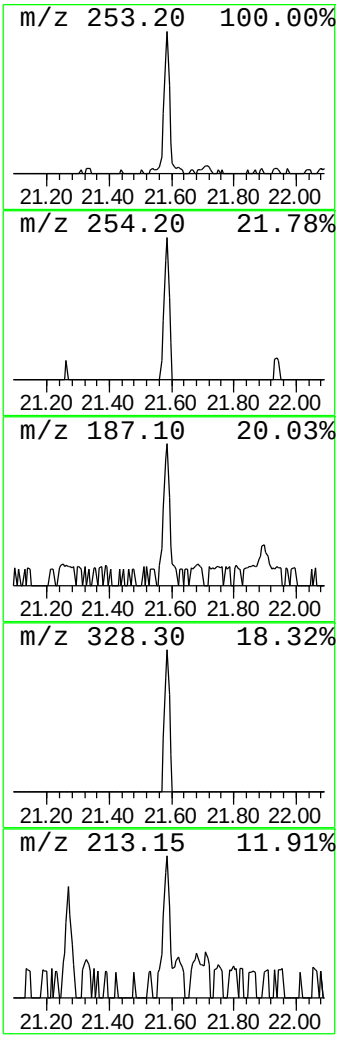
****

Peak Number 8 7-Oxodehydroabietic acid, m... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.98 ng/ul	67338	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	94
2	2-[2-Thienyl]-4-acetyl quinoline	253	C15H11NOS	027302-83-6	43
3	1,5-Diazacycloheptadecan-6-one, ...	296	C17H32N2O2	067171-86-2	38
4	1H-Inden-5-ol, 2,3-dihydro-3-(4-...	268	C18H20O2	010527-11-4	38
5	Indolo[2,3-a]quinolizin-4(12H)-o...	268	C17H20N2O	020156-09-6	38





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Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

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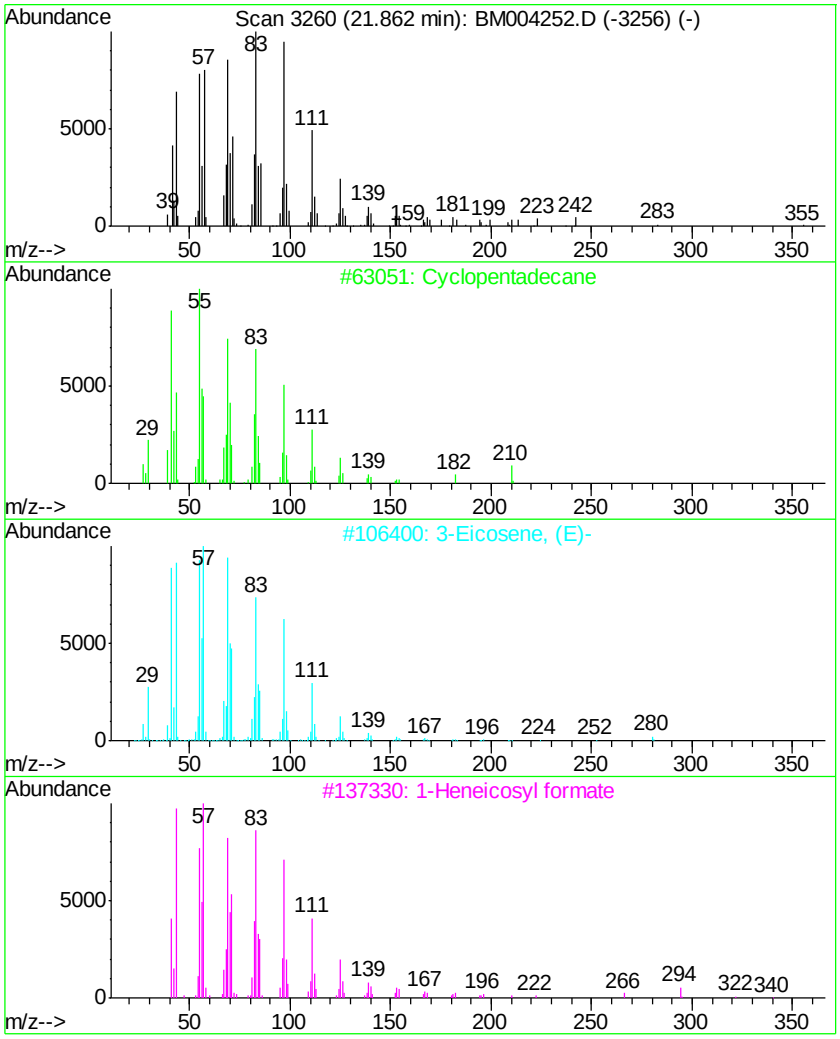
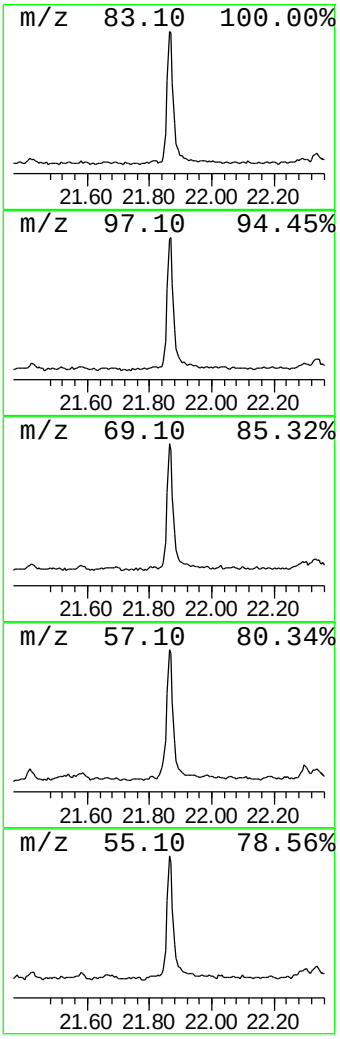
Peak Number 9 (DEL) Alkane: Cyclic21.86 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	7.37 ng/ul	166540	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	1-Nonadecanol	284	C19H40O	001454-84-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

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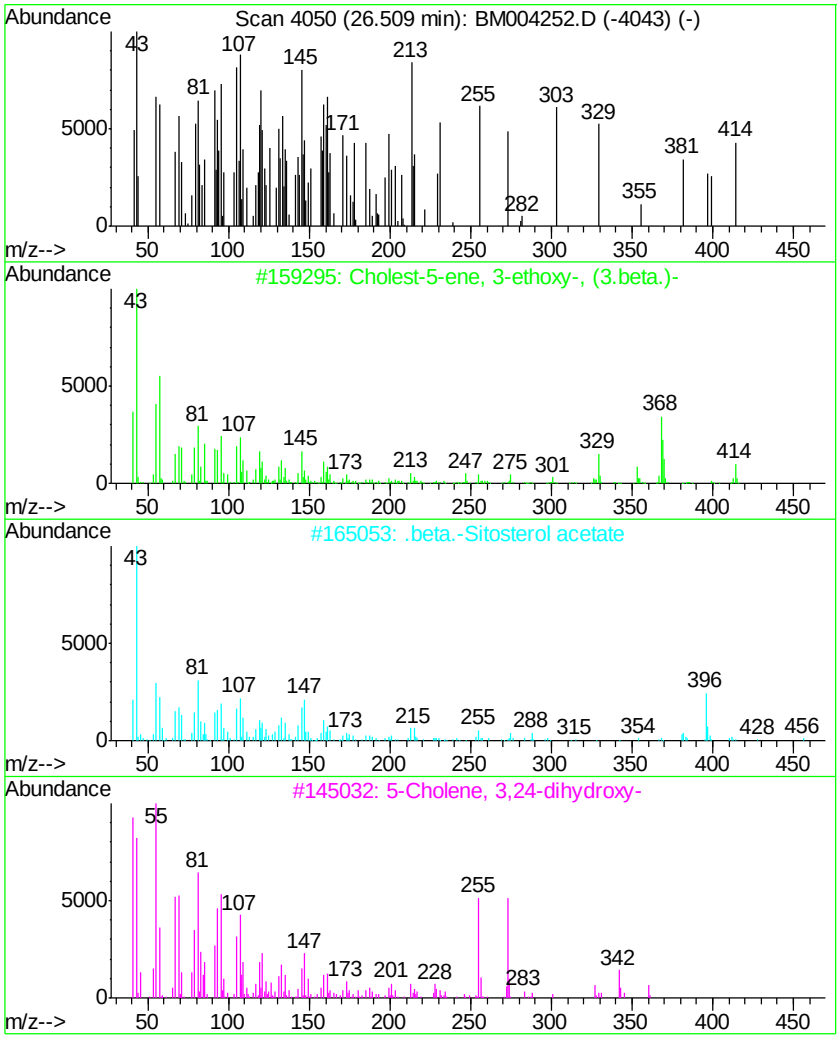
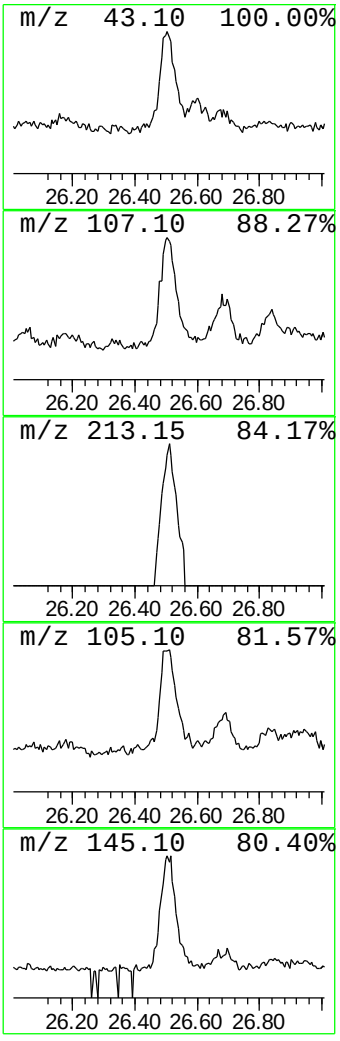
Peak Number 10 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.51	7.41 ng/ul	147198	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	41
2	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	30
3	5-Cholene, 3,24-dihydroxy-	360	C24H40O2	1000251-69-2	14
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	12
5	Anthranilic acid, N-(o-fluorophe...	231	C13H10FNO2	000054-58-0	11





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004252.D
Acq On : 13 Feb 2016 06:15
Operator : SJ/IZ
Sample : H1414-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

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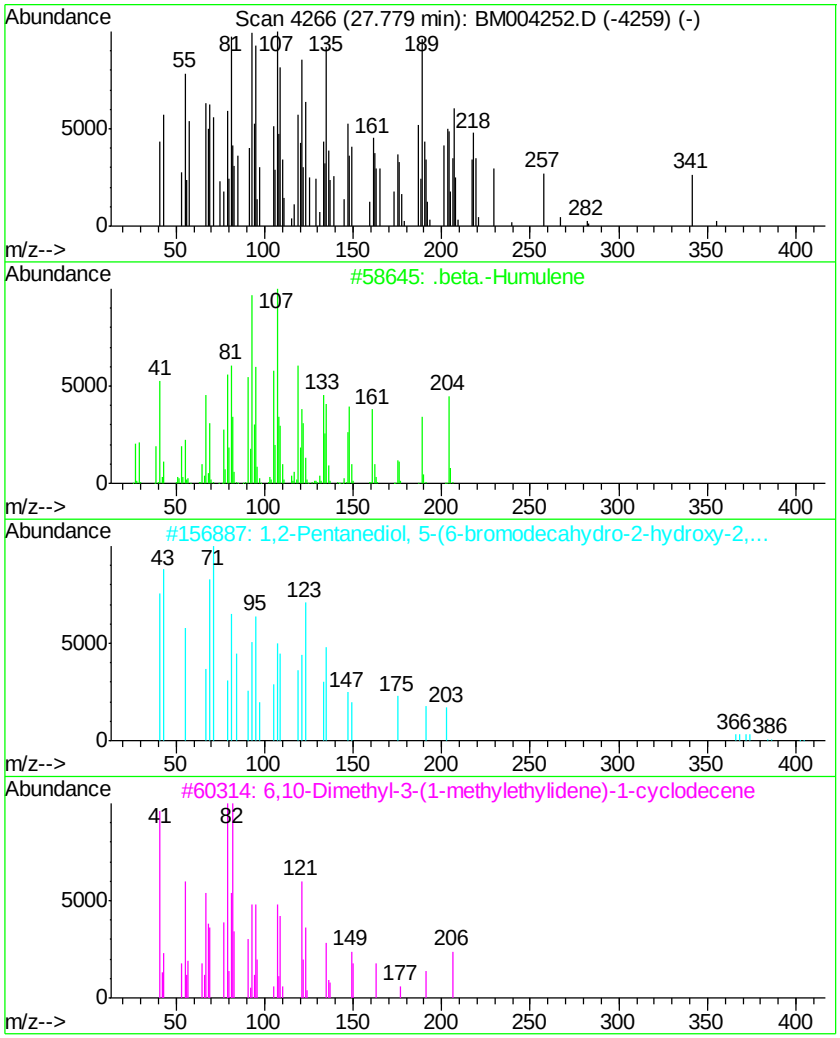
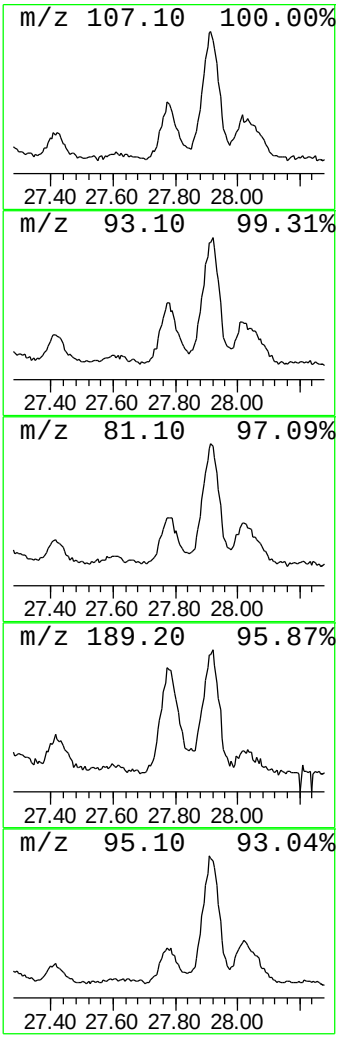
Peak Number 11 .beta.-Humulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.78	7.05 ng/ul	139941	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Humulene	204	C15H24	000116-04-1	91
2	1,2-Pentanediol, 5-(6-bromodecah...	402	C20H35BrO3	115346-29-7	83
3	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	78
4	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	60
5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

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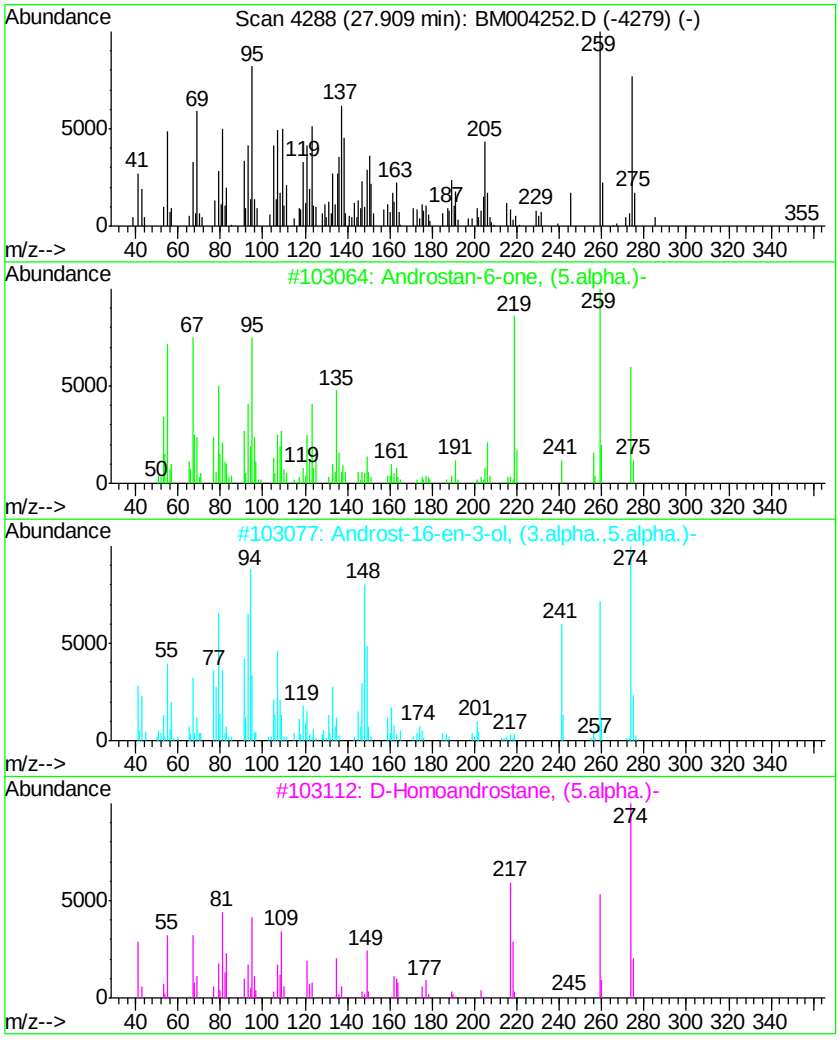
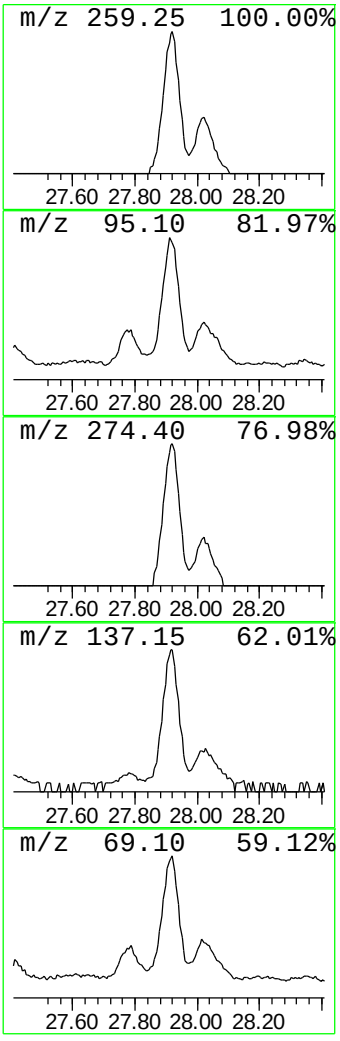
Peak Number 12 Androstan-6-one, (5.alpha.)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.91	29.94 ng/ul	594483	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	64
2	Androst-16-en-3-ol, (3.alpha.,5....	274	C19H30O	001153-51-1	47
3	D-Homoandrostane, (5.alpha.)-	274	C20H34	035575-26-9	30
4	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	25
5	Androst-7-en-3-ol #	274	C19H30O	1000148-48-7	20





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

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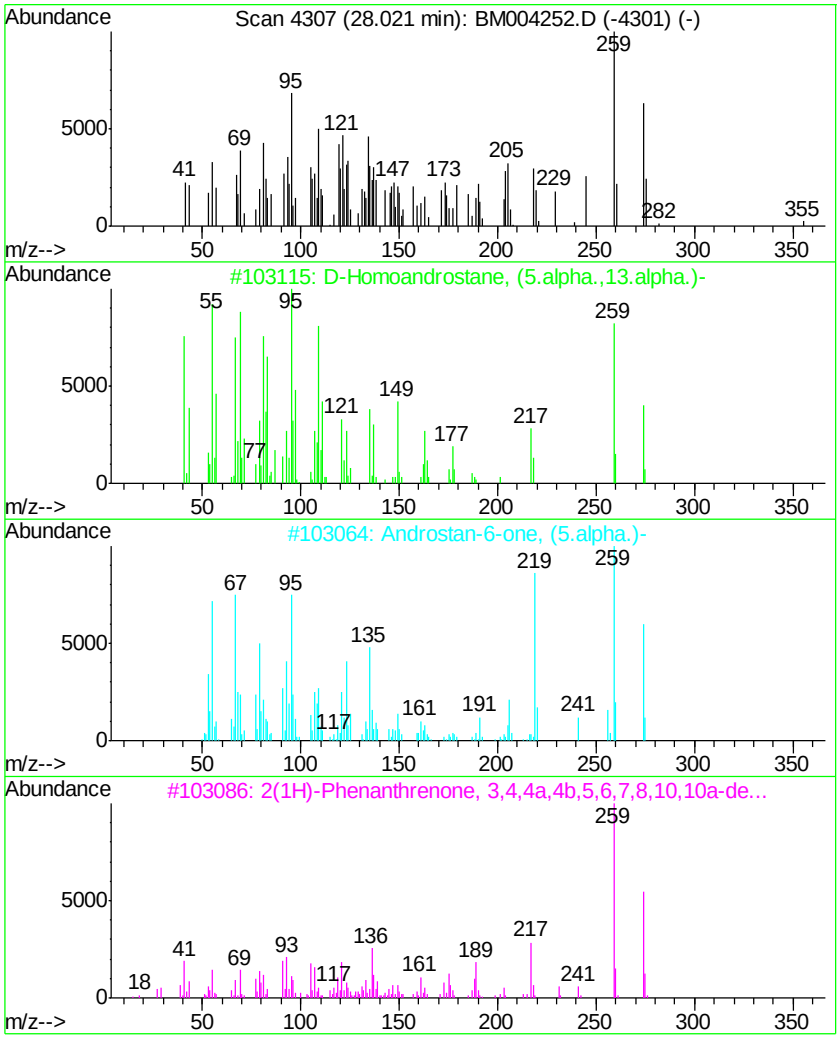
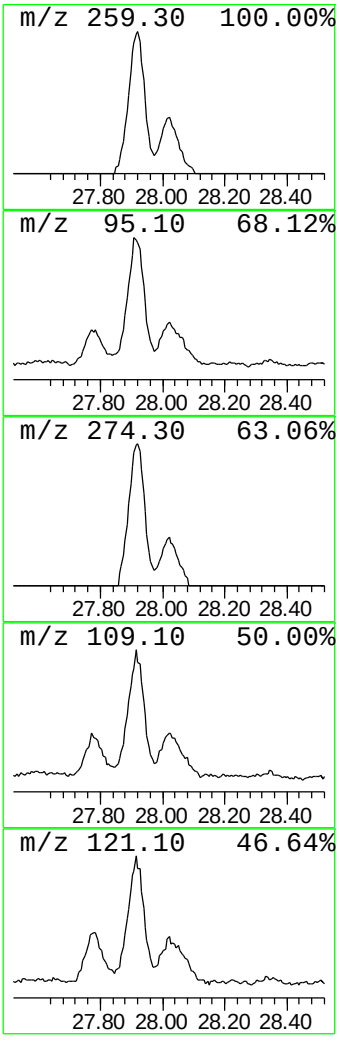
Peak Number 13 D-Homoandrostane, (5.alpha.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.02	14.17 ng/ul	281311	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	60
2	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	43
3	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	38
4	1,3-Diethyl-2-hydroxybenzothiazo...	274	C14H14N2O2S	1000227-15-3	30
5	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	27





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.85	16.8	ng/ul	158921	1	7.65	188947	20.0
unknown-01	18.36	3.3	ng/ul	70548	4	17.06	427608	20.0
unknown-02	18.50	2.5	ng/ul	53054	4	17.06	427608	20.0
Acridin-9-amine, ...	20.25	2.0	ng/ul	45613	5	21.27	451734	20.0
1-Phenanthrenecar...	20.45	5.8	ng/ul	131807	5	21.27	451734	20.0
(DEL) Alkane: Cyc...	20.97	9.4	ng/ul	212609	5	21.27	451734	20.0
7-Oxodehydroabiet...	21.59	3.0	ng/ul	67338	5	21.27	451734	20.0
(DEL) Alkane: Cyc...	21.86	7.4	ng/ul	166540	5	21.27	451734	20.0
unknown-03	26.51	7.4	ng/ul	147198	6	23.50	397065	20.0
.beta.-Humulene	27.78	7.0	ng/ul	139941	6	23.50	397065	20.0
Androstan-6-one, ...	27.91	29.9	ng/ul	594483	6	23.50	397065	20.0
D-Homoandrostane,...	28.02	14.2	ng/ul	281311	6	23.50	397065	20.0