LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022312.D
Acq On : 25 Aug 2019 03:34
Operator : HP/JU
Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	4.516	253	260	265	rVB2	17394	27478	0.39%	0.064%
2	4.922	325	329	337	rVB	22416	33968	0.49%	0.080%
3	6.787	635	646	656	rBV	1615339	2676878	38.45%	6.280%
4	6.916	662	668	677	rBV	174050	266840	3.83%	0.626%
5	7.093	692	698	710	rVB	234688	380581	5.47%	0.893%
6	7.551	770	776	783	rBV	221283	337448	4.85%	0.792%
7	7.904	831	836	842	rVV	132850	203098	2.92%	0.476%
8	8.075	859	865	872	rBV	51614	78665	1.13%	0.185%
9	8.275	891	899	906	rVV2	186438	311726	4.48%	0.731%
10	8.345	906	911	916	rVV2	36714	66648	0.96%	0.156%
11	8.722	966	975	980	rVV	259840	443247	6.37%	1.040%
12	8.775	980	984	994	rVV2	54110	104686	1.50%	0.246%
13	9.010	1012	1024	1031	rVB6	38804	111428	1.60%	0.261%
14	9.092	1031	1038	1044	rBV7	13355	31683	0.46%	0.074%
15	9.169	1045	1051	1057	rBV2	15379	24946	0.36%	0.059%
16	9.434	1089	1096	1106	rBV	270867	453341	6.51%	1.064%
17	9.528	1106	1112	1114	rBV2	38717	56871	0.82%	0.133%
18	9.563	1114	1118	1123	rVB2	79913	125512	1.80%	0.294%
19	9.686	1123	1139	1145	rBV4	57396	175380	2.52%	0.411%
20	9.745	1145	1149	1154	rVB	85948	140586	2.02%	0.330%
21	9.810	1154	1160	1161	rBV2	23627	34031	0.49%	0.080%
22	9.839	1162	1165	1175	rVV7	45602	108594	1.56%	0.255%
23	9.969	1181	1187	1196	rVV	356883	656416	9.43%	1.540%
24	10.233	1227	1232	1241	rVV2	25709	69943	1.00%	0.164%
25	10.328	1241	1248	1251	rVV	288268	514644	7.39%	1.207%
26	10.386	1251	1258	1269	rVB	4284516	6962435	100.00%	16.334%
27	10.498	1269	1277	1290	rBV	219900	400327	5.75%	0.939%
28	10.692	1303	1310	1315	rVV8	13461	30777	0.44%	0.072%
29	10.881	1335	1342	1346	rBV2	25146	45755	0.66%	0.107%
30	11.063	1346	1373	1379	rVV	478892	2363702	33.95%	5.545%
31	11.186	1389	1394	1397	rBV4	19267	35509	0.51%	0.083%
32	11.222	1397	1400	1408	rVB7	25199	46496	0.67%	0.109%
33	11.280	1408	1410	1416	rVB5	16301	25888	0.37%	0.061%
34	11.345	1416	1421	1423	rBV4	13535	25903	0.37%	0.061%

LSC Area Percent Report

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Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

35	11.428	1429	1435	1441	rBV6	25115	62106	0.89%	0.146%
36	11.692	1474	1480	1483	rBV	27758	50855	0.73%	0.119%
37	11.751	1488	1490	1496	rVV3	34157	49748	0.71%	0.117%
38	11.886	1511	1513	1516	rVV	20144	26754	0.38%	0.063%
39	11.922	1516	1519	1522	rVV4	18285	31047	0.45%	0.073%
40	11.998	1526	1532	1538	rVV	240529	385865	5.54%	0.905%
41	12.098	1545	1549	1560	rVV3	48306	99477	1.43%	0.233%
42	12.216	1560	1569	1581	rVV	330471	588082	8.45%	1.380%
43	12.310	1581	1585	1589	rVV6	24331	44579	0.64%	0.105%
44	12.380	1594	1597	1609	rVB7	28796	66610	0.96%	0.156%
45	12.527	1616	1622	1630	rVB8	25319	59797	0.86%	0.140%
46	12.716	1650	1654	1659	rVB7	15976	27012	0.39%	0.063%
47	12.810	1667	1670	1677	rVB7	18008	36821	0.53%	0.086%
48	13.027	1691	1707	1713	rBV2	79943	254761	3.66%	0.598%
49	13.180	1726	1733	1737	rBV6	26868	59336	0.85%	0.139%
50	13.227	1737	1741	1743	rBV	24006	34311	0.49%	0.080%
51	13.357	1755	1763	1766	rBV7	63716	130492	1.87%	0.306%
52	13.522	1785	1791	1794	rBV	67485	139313	2.00%	0.327%
53	13.639	1805	1811	1815	rBV	736658	974649	14.00%	2.286%
54	13.686	1815	1819	1822	rVB	69207	82804	1.19%	0.194%
55	13.757	1828	1831	1835	rBV2	35237	53241	0.76%	0.125%
56	13.904	1844	1856	1870	rBV	801748	1322931	19.00%	3.104%
57	14.045	1870	1880	1885	rBV9	25521	71209	1.02%	0.167%
58	14.210	1900	1908	1914	rVV	550204	835341	12.00%	1.960%
59	14.274	1914	1919	1926	rVV	924411	1262882	18.14%	2.963%
60	14.374	1930	1936	1941	rVV2	140546	223005	3.20%	0.523%
61	14.427	1941	1945	1951	rVB5	41590	68836	0.99%	0.161%
62	14.498	1951	1957	1968	rBV7	93589	275362	3.95%	0.646%
63	14.610	1971	1976	1982	rVB	273257	393444	5.65%	0.923%
64	14.663	1982	1985	1993	rBV8	16988	37462	0.54%	0.088%
65	14.768	2000	2003	2009	rVB3	23867	28599	0.41%	0.067%
66	15.216	2073	2079	2084	rBV	1049707	1441681	20.71%	3.382%
67	15.268	2084	2088	2097	rVB	325000	510128	7.33%	1.197%
68	15.380	2101	2107	2112	rBV	338962	517520	7.43%	1.214%
69	15.427	2112	2115	2121	rVB7	57912	110533	1.59%	0.259%
70	15.680	2154	2158	2162	rBV3	40483	61906	0.89%	0.145%
71	16.015	2205	2215	2221	rBV	648345	1372641	19.71%	3.220%

LSC Area Percent Report

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Sample : K4373-18
Misc :
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Instrument : BNA_M
ClientSampleId : C0AE4

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

72	16.180	2240	2243	2247	rBV	41740	53226	0.76%	0.125%
73	16.257	2252	2256	2261	rVB	142080	202476	2.91%	0.475%
74	16.398	2276	2280	2281	rBV3	37159	51565	0.74%	0.121%
75	16.768	2338	2343	2352	rBV2	166600	345987	4.97%	0.812%
76	16.886	2359	2363	2370	rBV2	153252	318770	4.58%	0.748%
77	16.974	2371	2378	2382	rBV2	687059	1037042	14.89%	2.433%
78	17.015	2382	2385	2390	rVB	447625	548702	7.88%	1.287%
79	17.074	2390	2395	2399	rBV	1299083	1769970	25.42%	4.152%
80	17.362	2441	2444	2446	rBV2	48792	64696	0.93%	0.152%
81	17.398	2446	2450	2455	rVB	191219	270553	3.89%	0.635%
82	17.562	2475	2478	2482	rVB	73272	88396	1.27%	0.207%
83	17.833	2520	2524	2527	rBV	98560	130655	1.88%	0.307%
84	17.880	2528	2532	2541	rVV3	415310	660410	9.49%	1.549%
85	17.998	2548	2552	2556	rVB	76289	106882	1.54%	0.251%
86	19.045	2727	2730	2738	rVB	84168	114948	1.65%	0.270%
87	19.168	2746	2751	2763	rBV	350579	537486	7.72%	1.261%
88	19.386	2782	2788	2796	rBV	1582489	2166973	31.12%	5.084%
89	19.909	2875	2877	2884	rVB2	57318	67041	0.96%	0.157%
90	20.409	2959	2962	2967	rBV2	56863	67295	0.97%	0.158%
91	20.550	2982	2986	2994	rBV	94407	158441	2.28%	0.372%
92	20.874	3036	3041	3049	rVB3	201030	337143	4.84%	0.791%
93	21.180	3088	3093	3102	rVB	844382	1049527	15.07%	2.462%
94	21.309	3112	3115	3121	rBV	103180	119112	1.71%	0.279%
95	21.733	3184	3187	3192	rBV	117900	125941	1.81%	0.295%
96	22.186	3260	3264	3268	rVB	128428	147793	2.12%	0.347%
97	22.668	3343	3346	3352	rVB	137964	183848	2.64%	0.431%
98	23.233	3434	3442	3450	rBV	828836	1671323	24.00%	3.921%
99	23.374	3460	3466	3473	rVB	493866	872147	12.53%	2.046%
100	23.827	3539	3543	3551	rVB	112793	195469	2.81%	0.459%

Sum of corrected areas: 42626387

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022312.D
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Sample : K4373-18
Misc :
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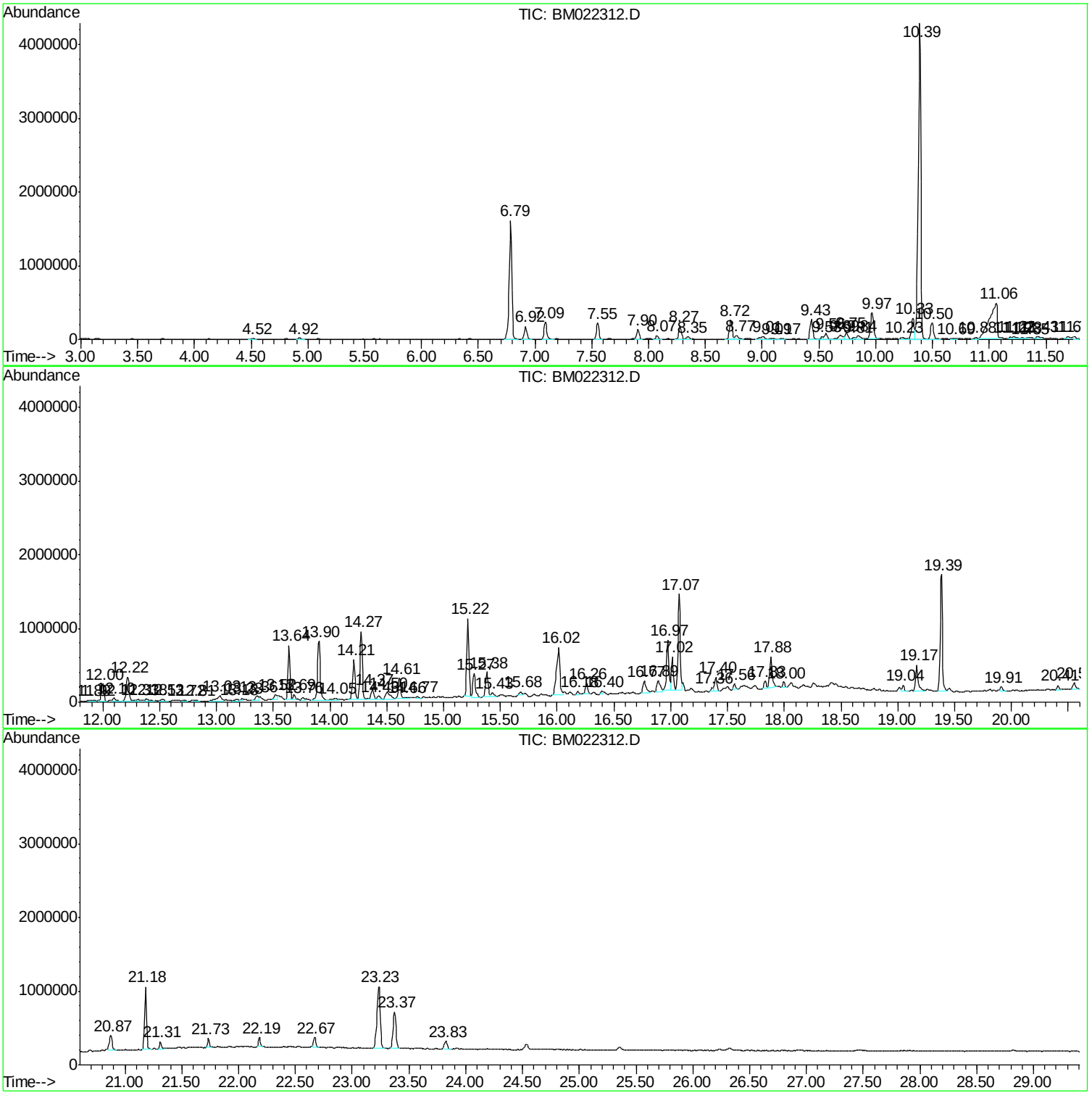
Instrument : BNA_M
ClientSampleId : C0AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

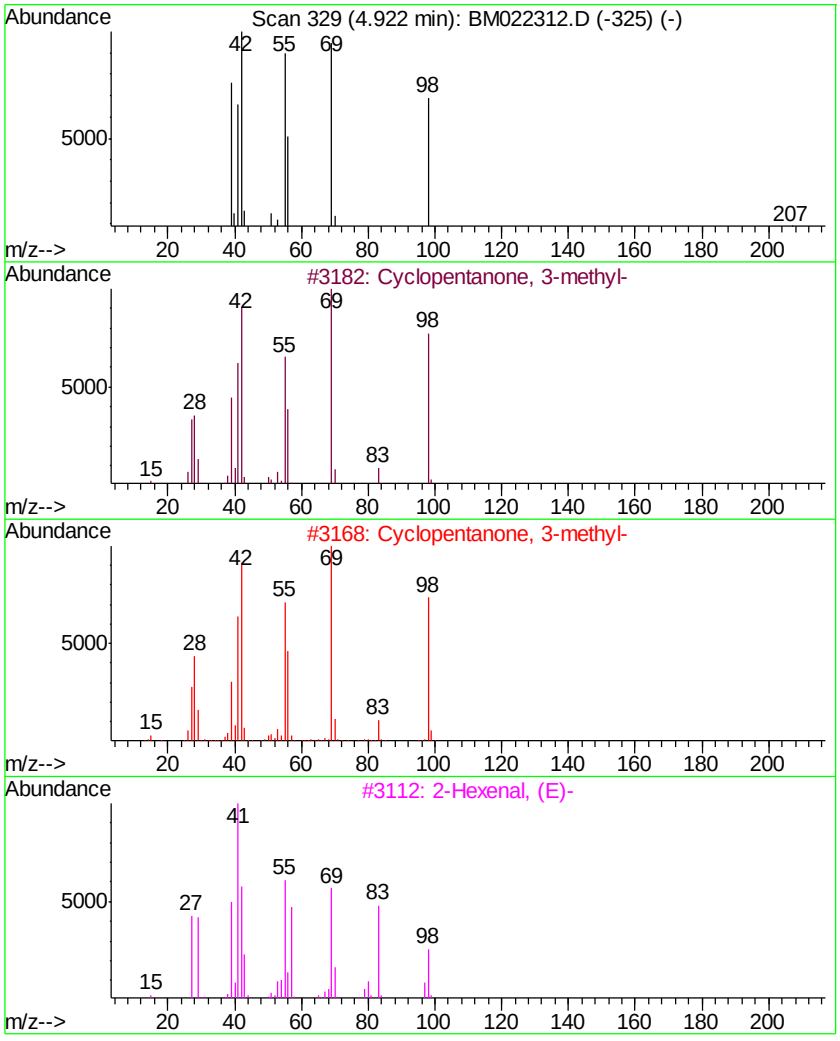
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

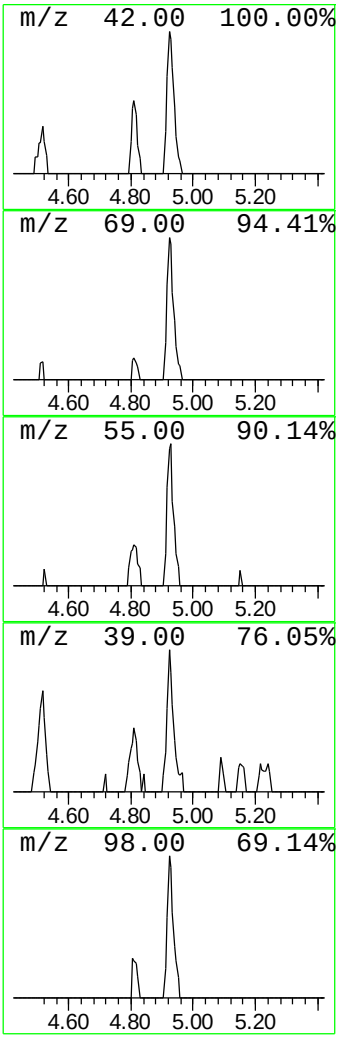
****

Peak Number 1 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	2.01 ng/ul	33968	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	43
2	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	41
3	2-Hexenal, (E)-	98	C6H10O	006728-26-3	40
4	4-Pentenal	84	C5H8O	002100-17-6	40
5	Cycloheptane	98	C7H14	000291-64-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022312.D
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

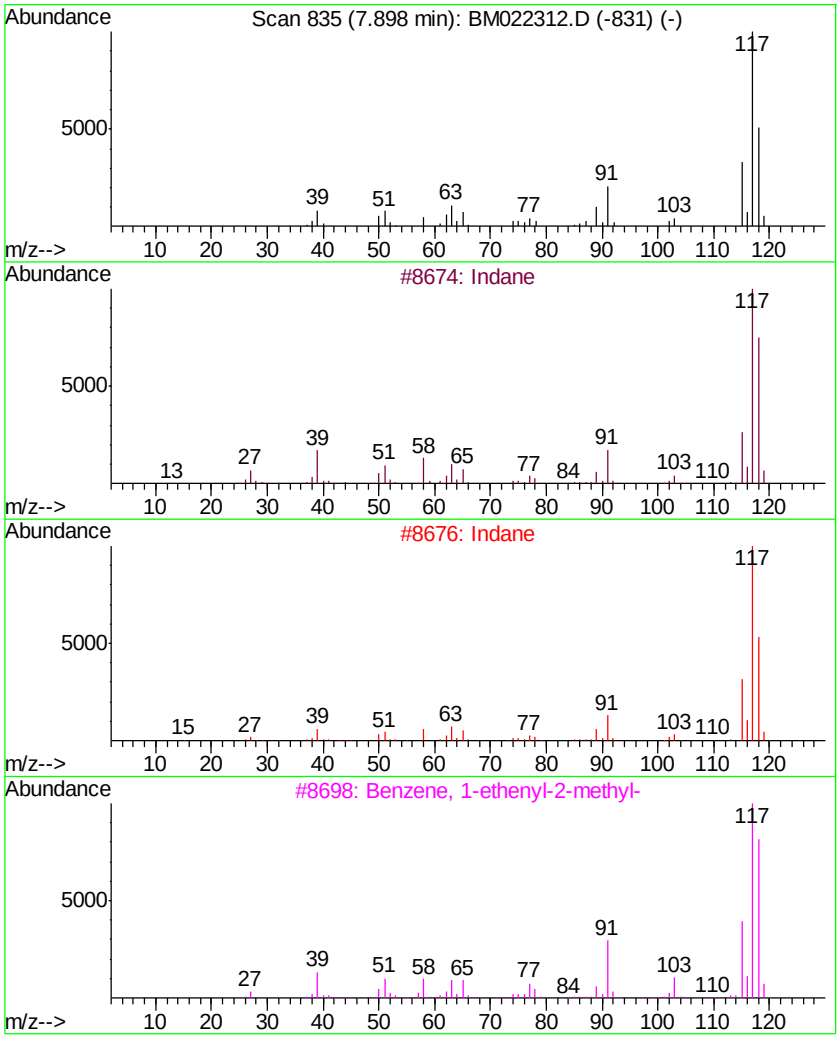
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

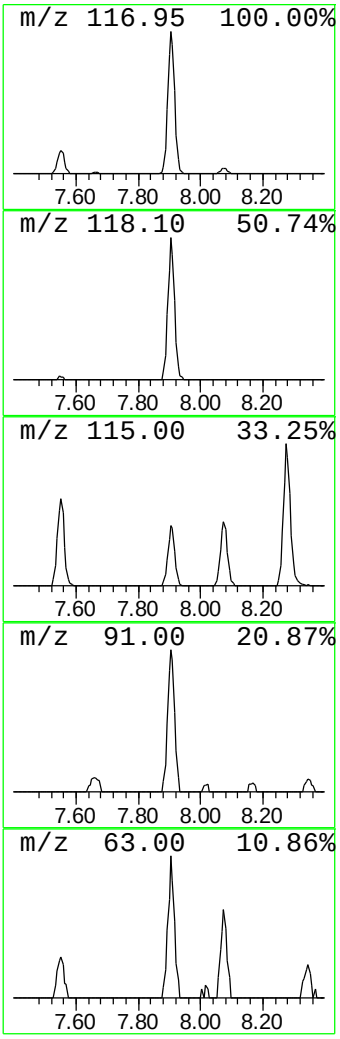
****

Peak Number 2 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	12.04 ng/ul	203098	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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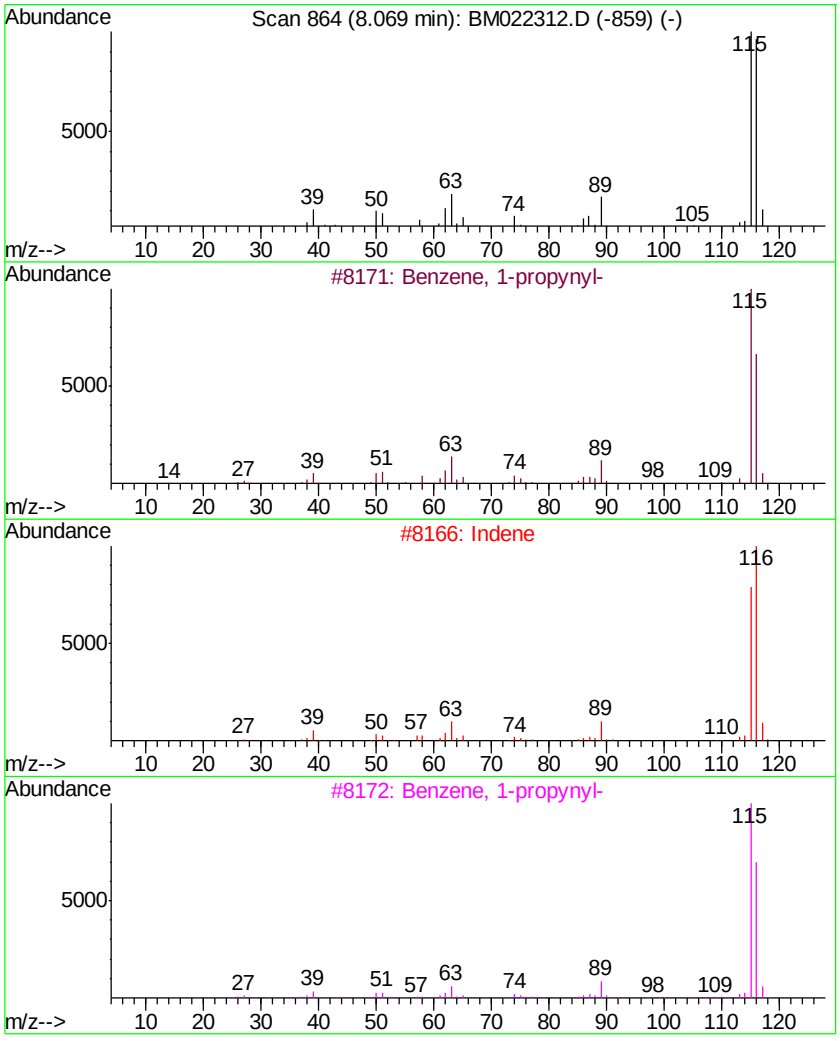
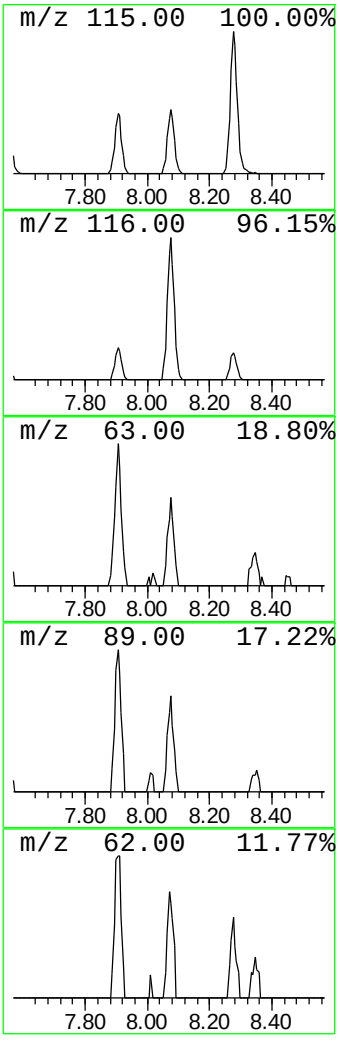
Peak Number 3 Benzene, 1-propynyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	4.66 ng/ul	78665	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
2	Indene	116	C9H8	000095-13-6	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

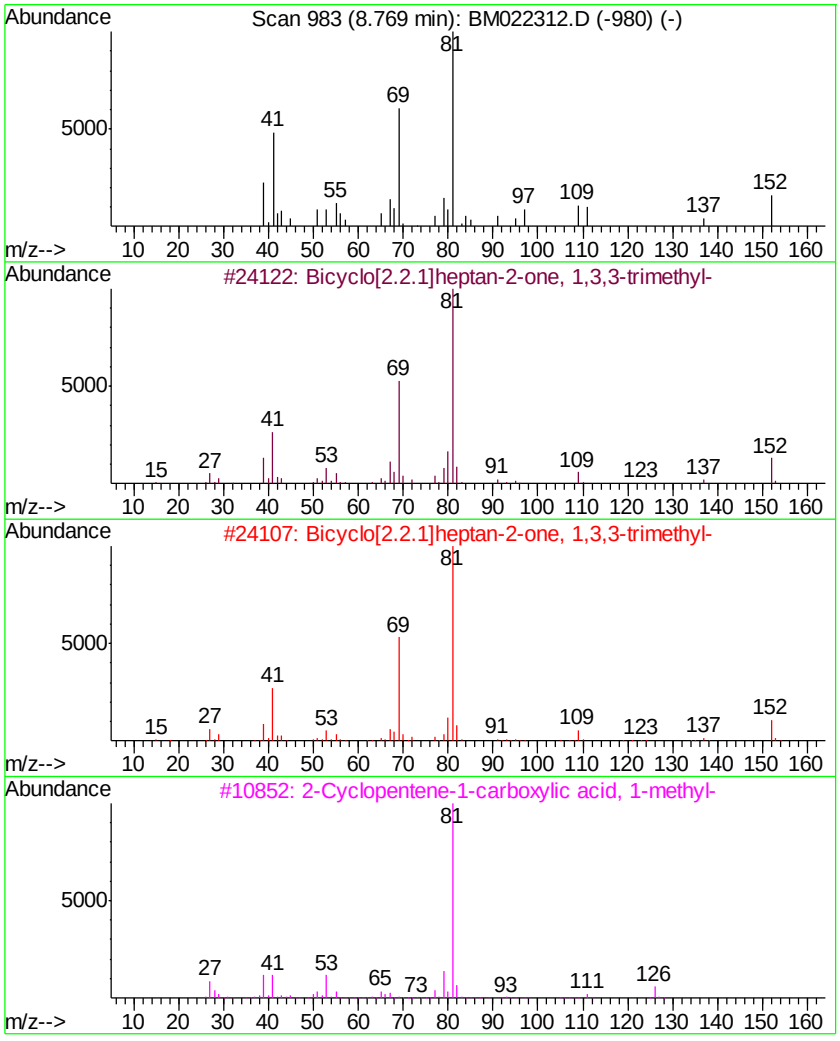
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

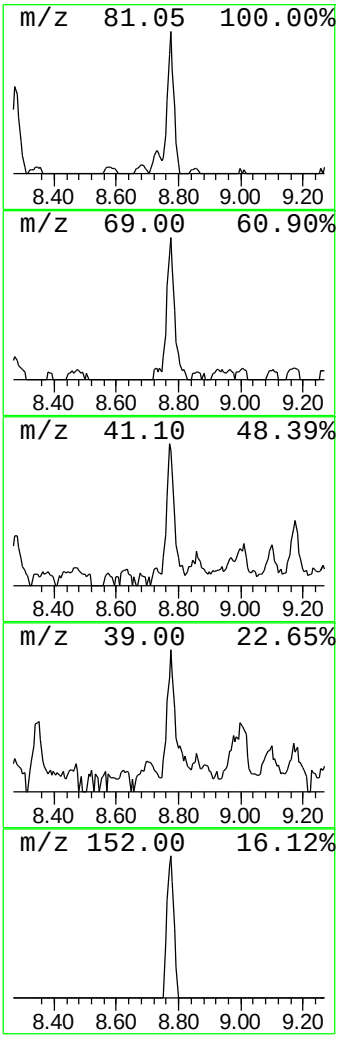
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	6.20 ng/ul	104686	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	72
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	53
3	2-Cyclopentene-1-carboxylic acid...	126	C7H10O2	068317-77-1	52
4	2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	47
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	45





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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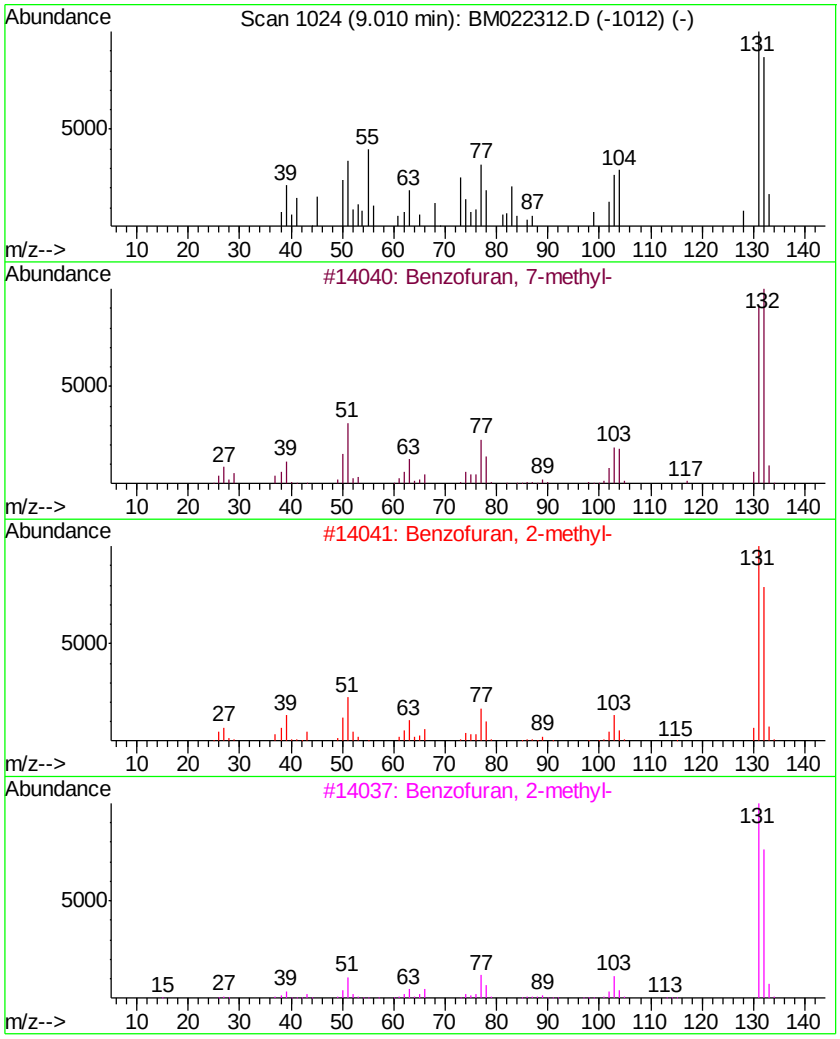
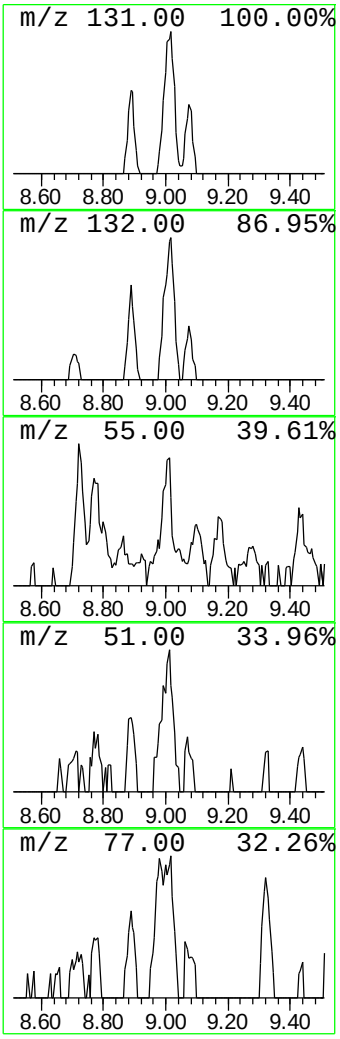
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	4.33 ng/ul	111428	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
4	1H-Indenol	132	C9H8O	056631-57-3	74
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	74





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Sample : K4373-18
Misc :
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Instrument : BNA_M
ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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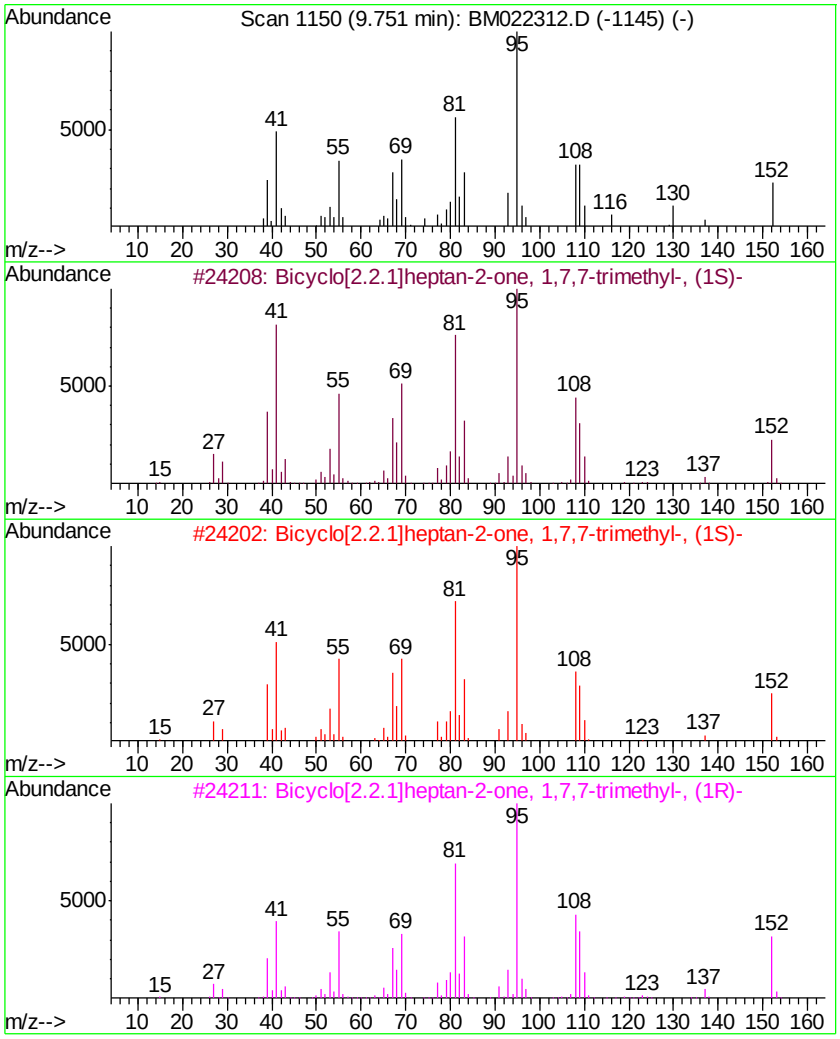
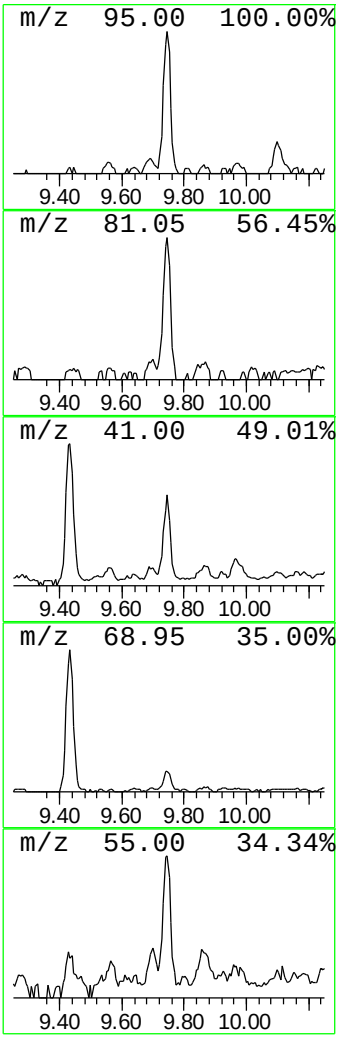
Peak Number 7 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	5.46 ng/ul	140586	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	96
4	Camphor	152	C10H16O	000076-22-2	96
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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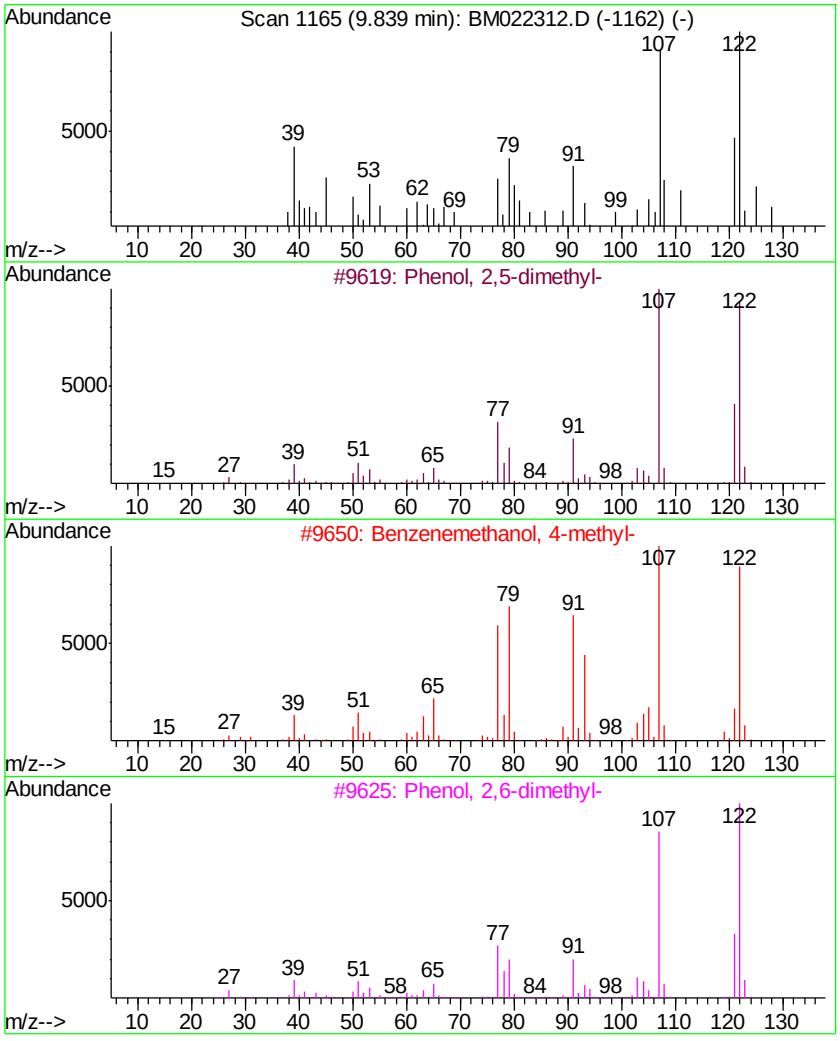
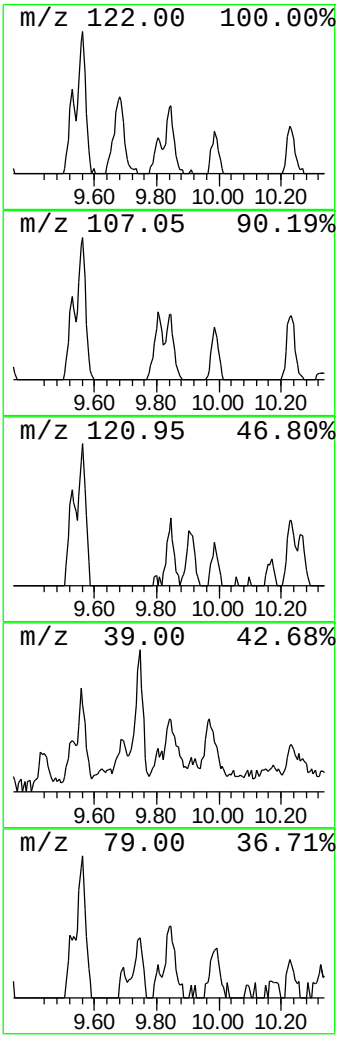
Peak Number 8 Phenol, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	4.22 ng/ul	108594	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	60
2	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	53
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	53
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	53
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	49





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ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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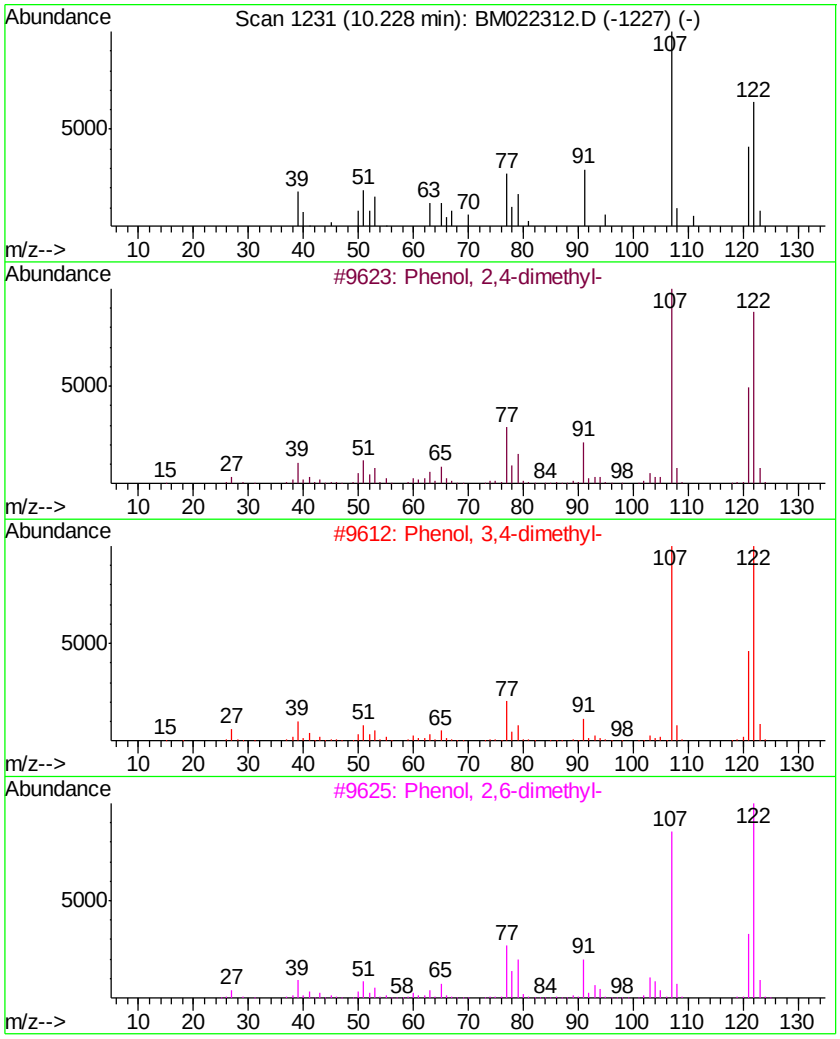
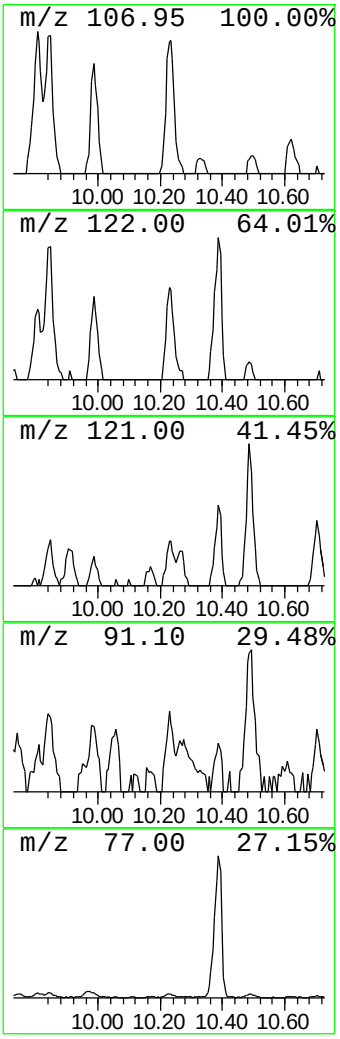
Peak Number 9 Phenol, 2,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.72 ng/ul	69943	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87





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ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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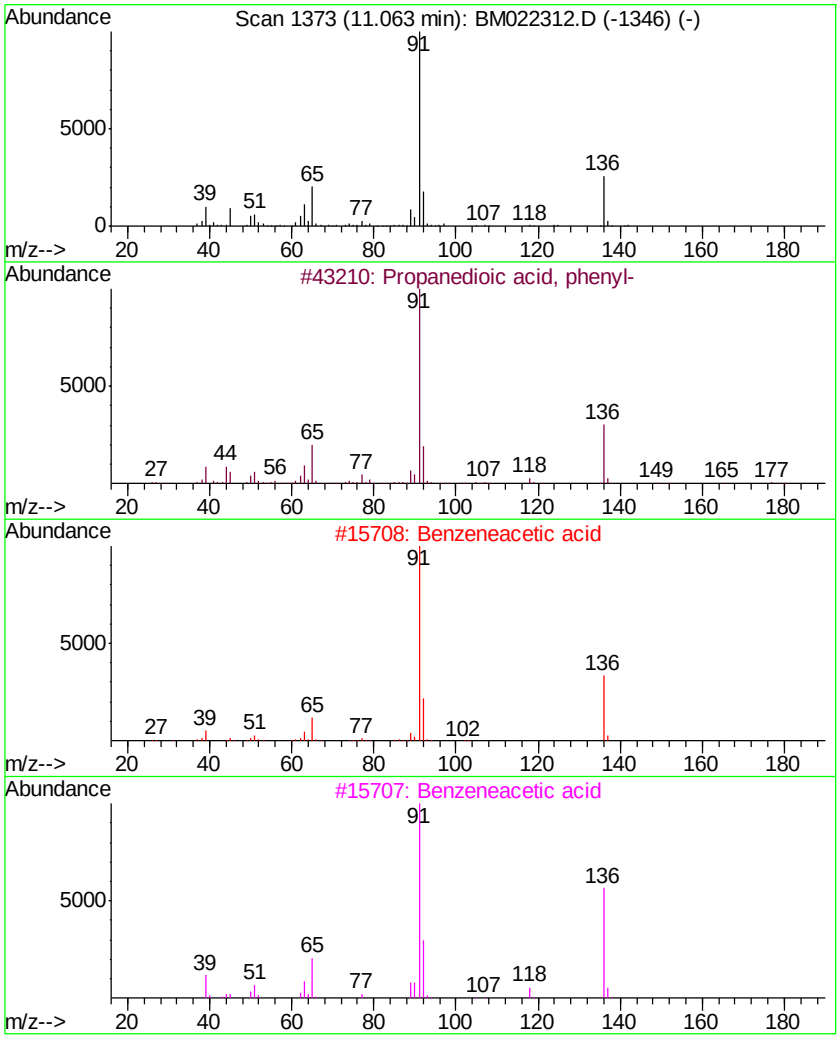
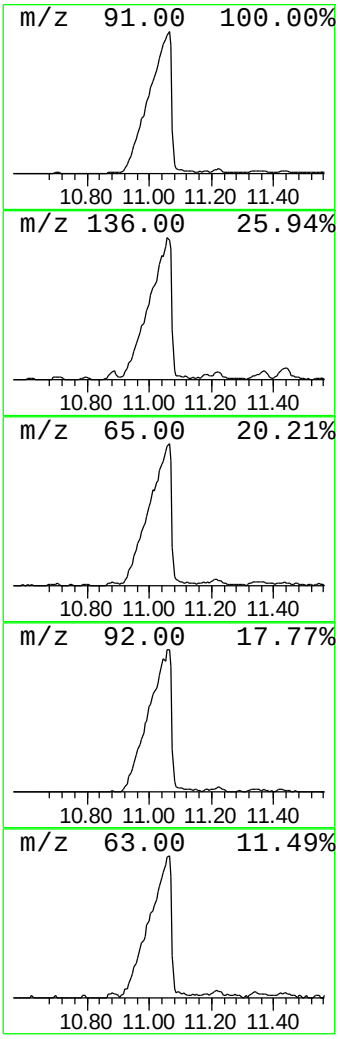
Peak Number 10 Propanedioic acid, phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	91.86 ng/ul	2363700	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	86
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	72
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	59
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	59
5	Bicyclo[3.2.0]hepta-2,6-diene, 5...	126	C7H7Cl	023610-81-3	53





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Quant Title : SVOA CALIBRATION

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

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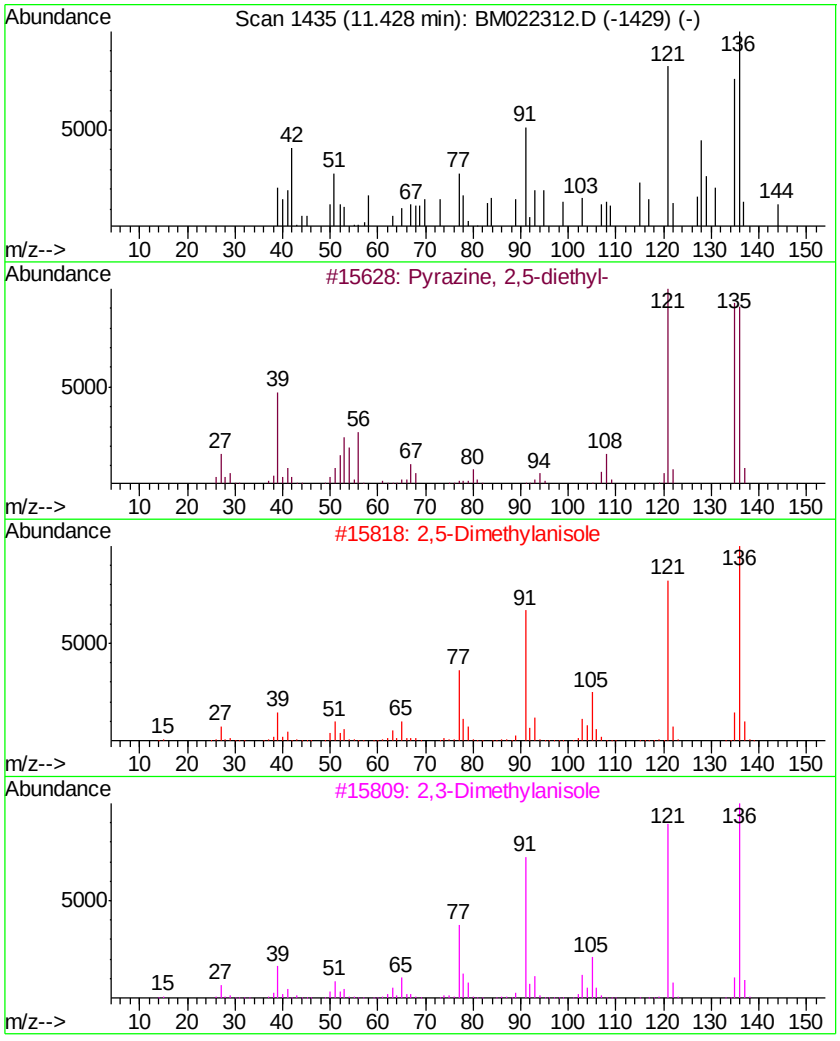
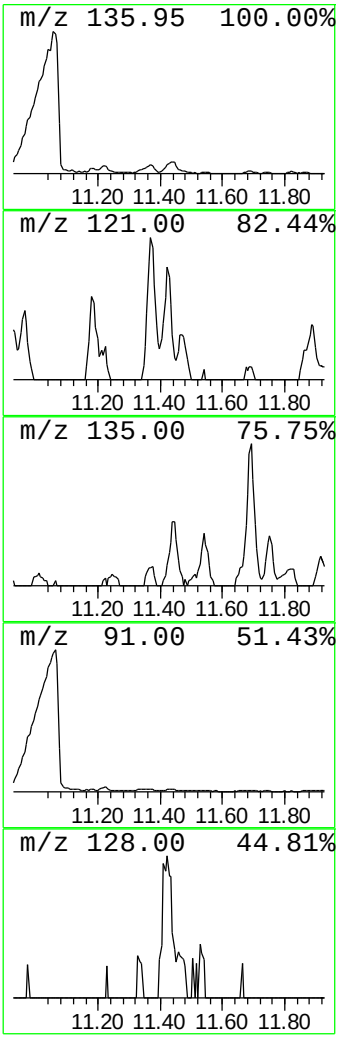
Peak Number 11 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	2.41 ng/ul	62106	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, 2,5-diethyl-	136	C8H12N2	013238-84-1	49
2	2,5-Dimethylanisole	136	C9H12O	001706-11-2	46
3	2,3-Dimethylanisole	136	C9H12O	002944-49-2	42
4	3,4-Dimethylanisole	136	C9H12O	004685-47-6	41
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	38





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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.87 ng/ul	99477	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrazoline, 4-ethyl-1-methyl-	112	C6H12N2	022581-42-6	46
2	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	41
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38
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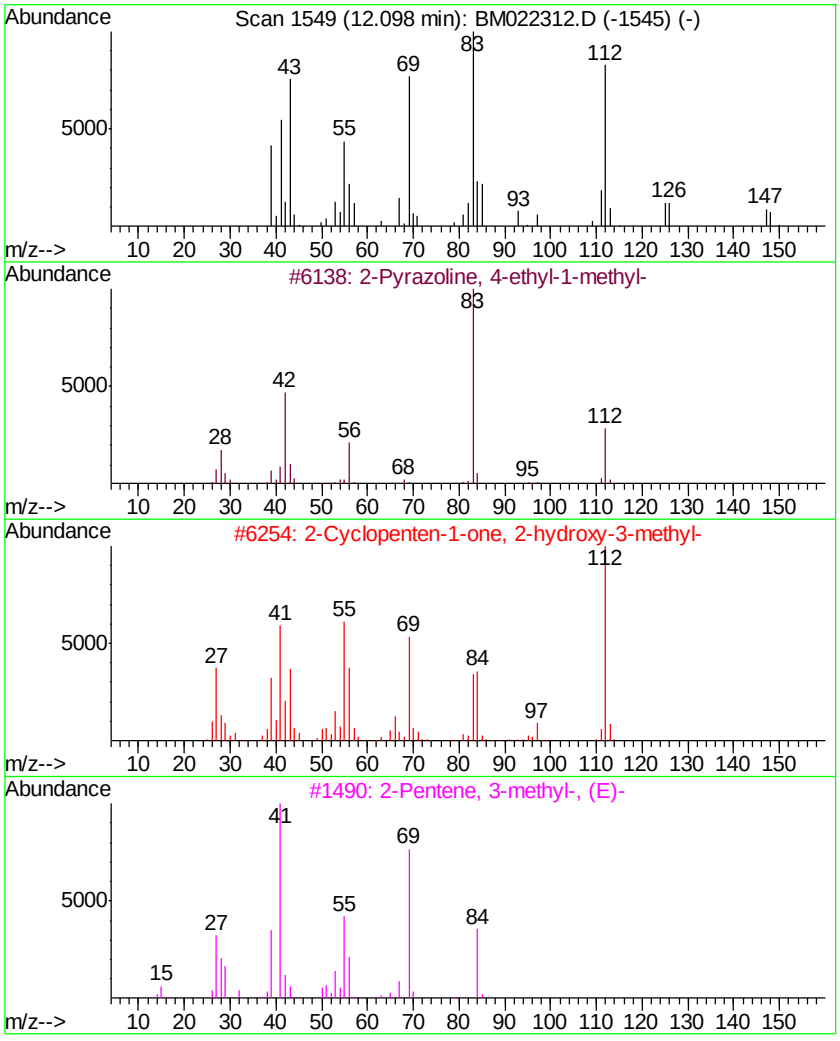

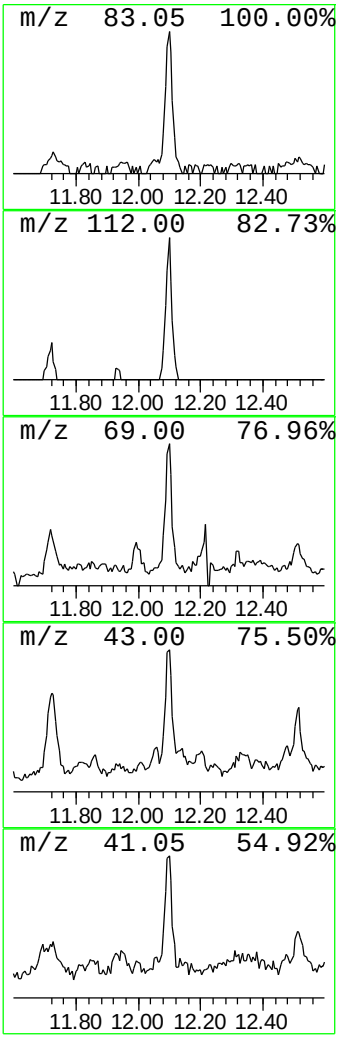

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ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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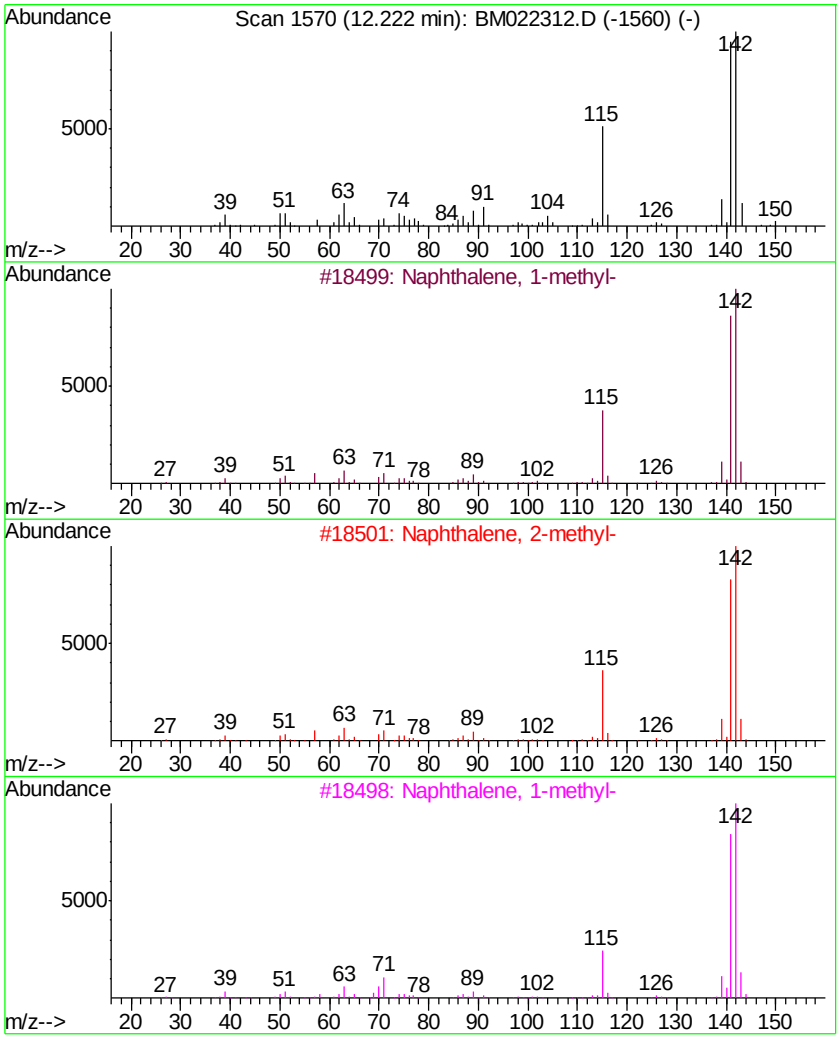
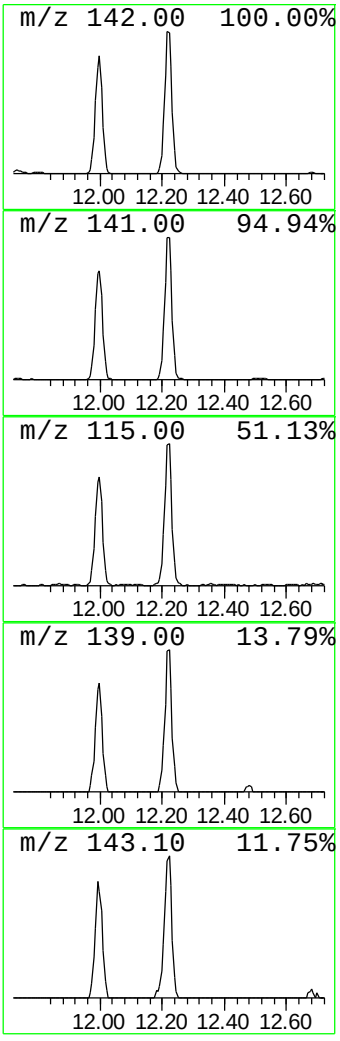
Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	22.85 ng/ul	588082	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Instrument : BNA_M
ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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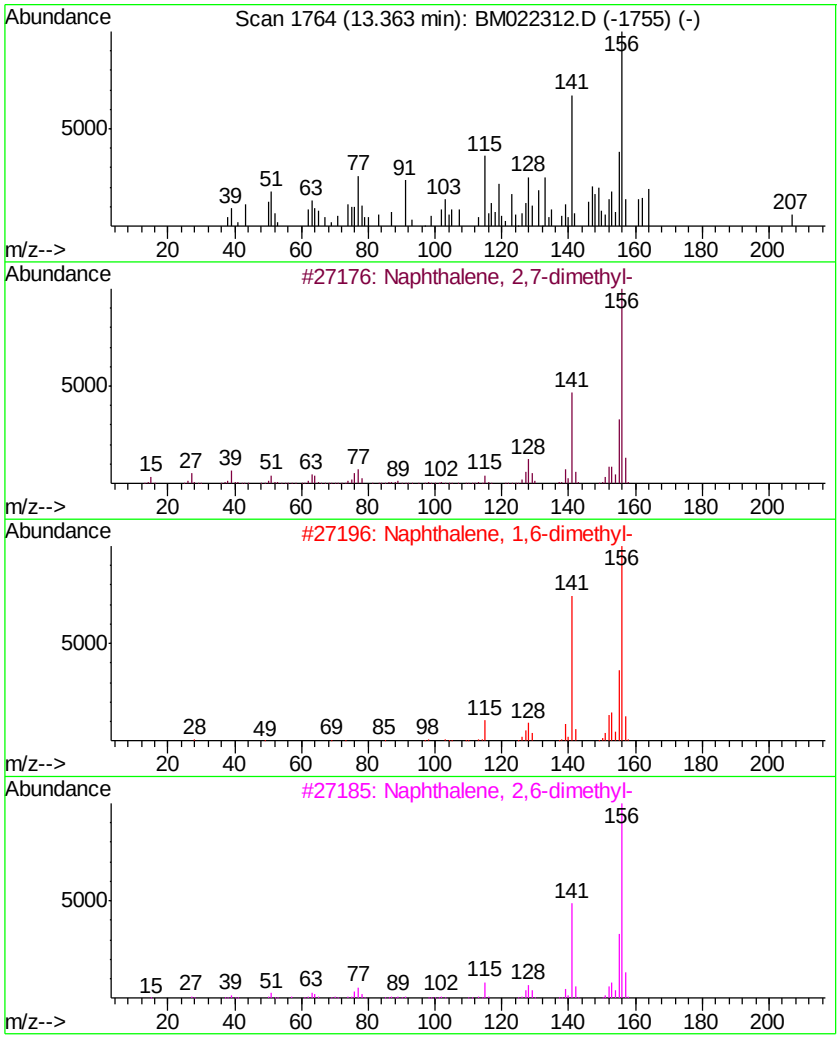
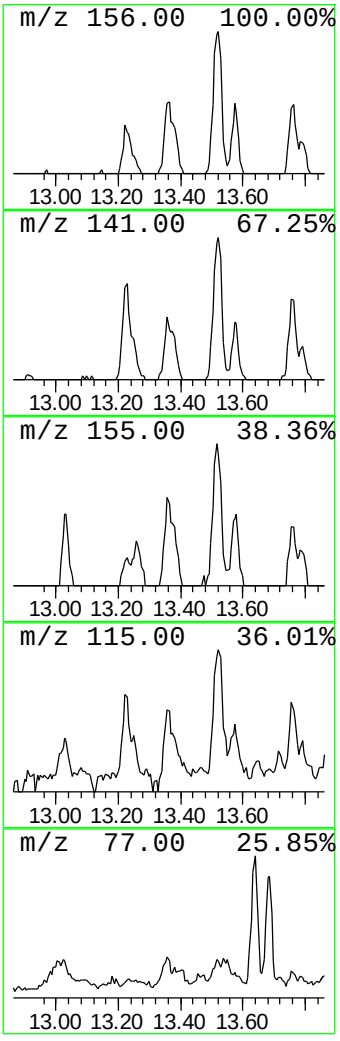
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.12 ng/ul	130492	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92





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Quant Title : SVOA CALIBRATION

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

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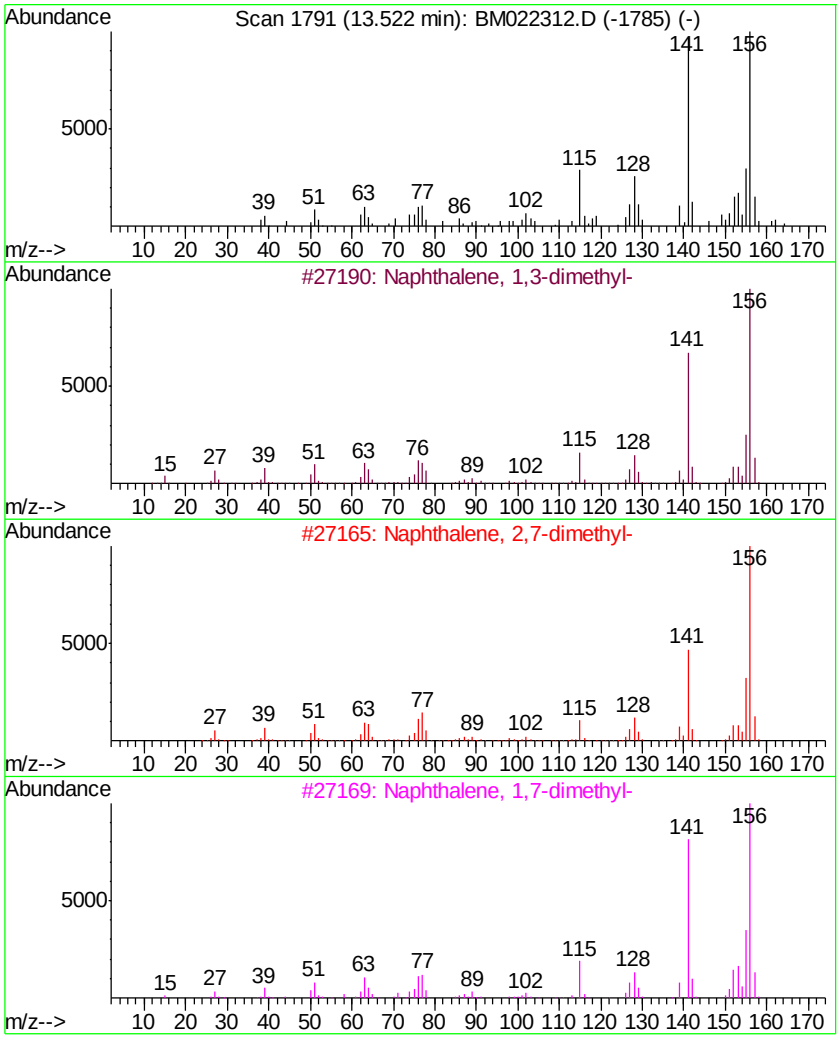
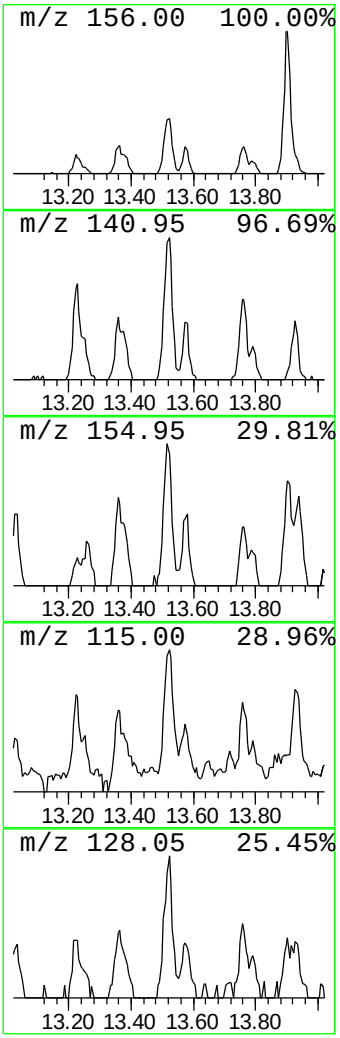
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.34 ng/ul	139313	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.34 ng/ul	223005	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	46
2	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	46
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	46
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	41
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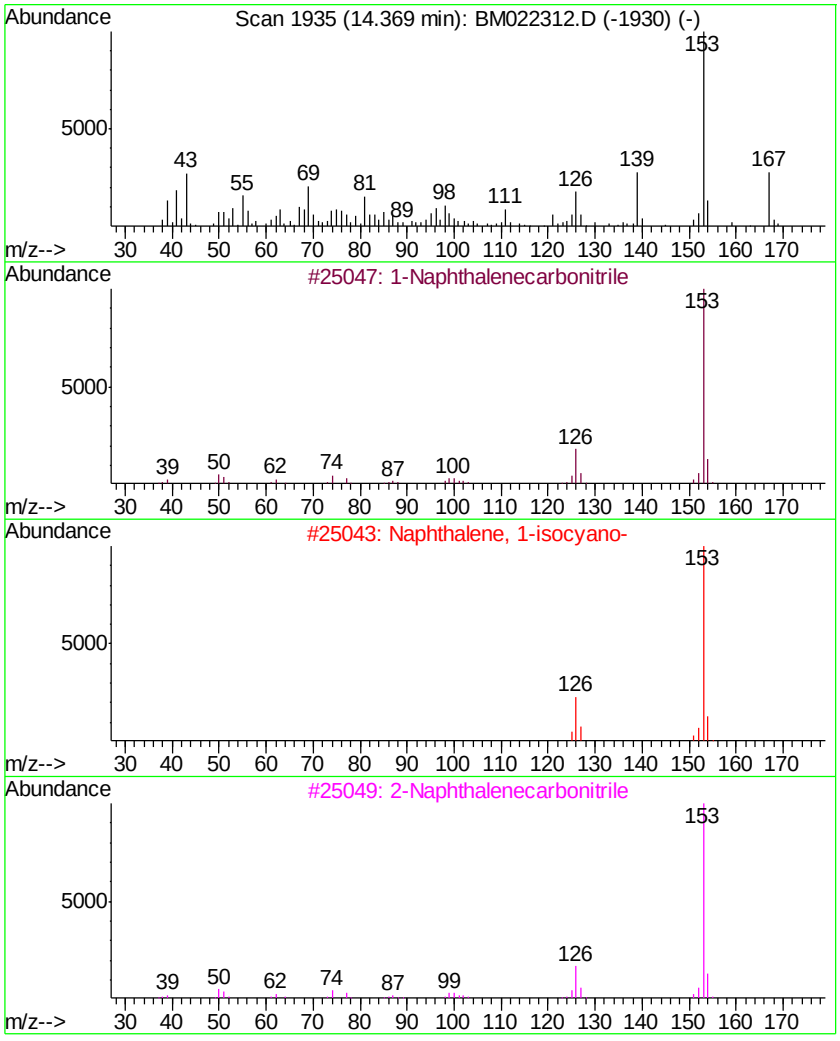

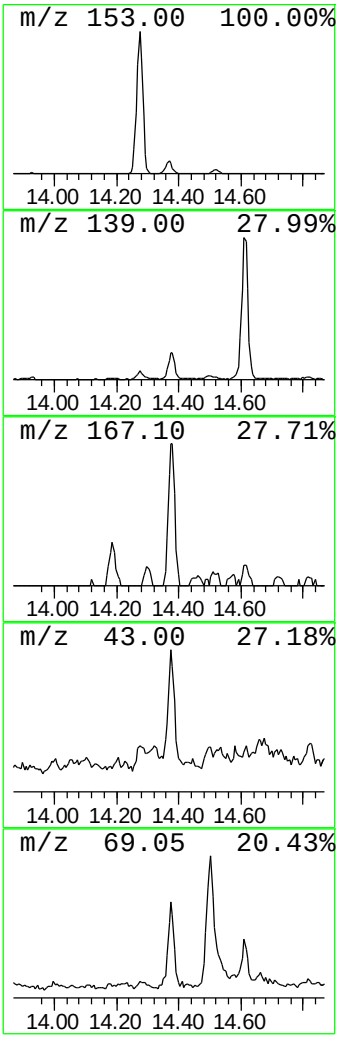

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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 1-Naphthalenecarboxylic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	26.47 ng/ul	1372640	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	95
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	94
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	93
4	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93
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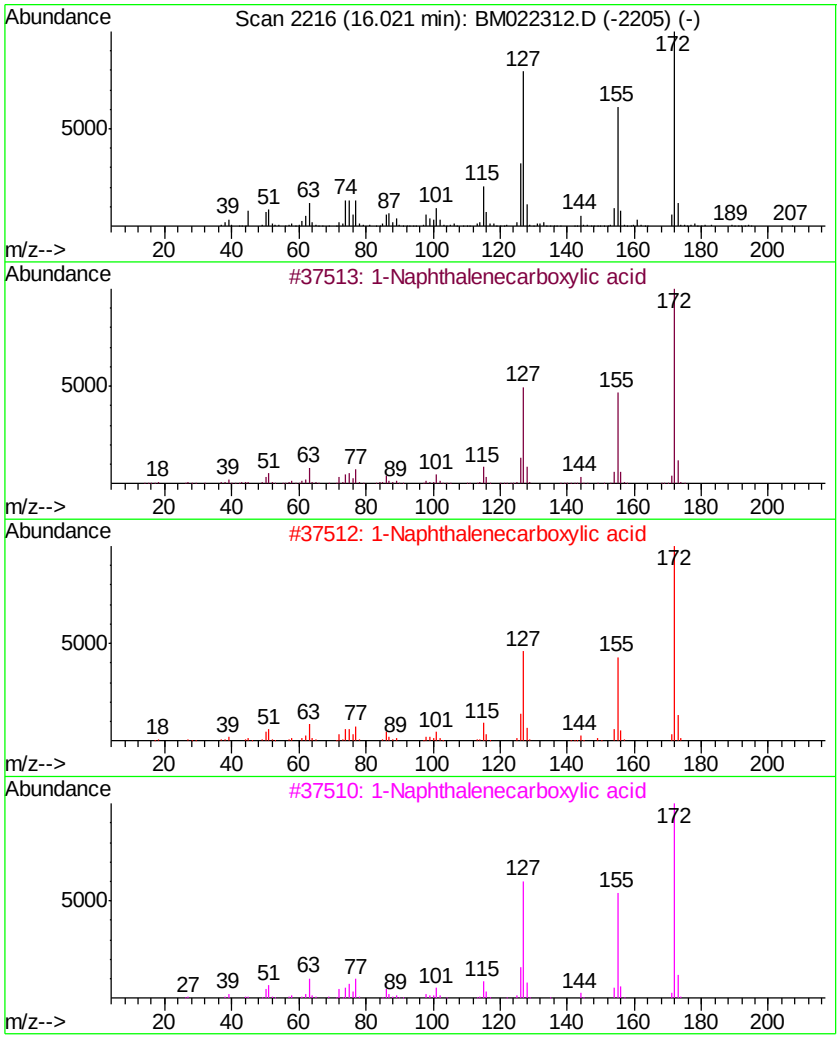

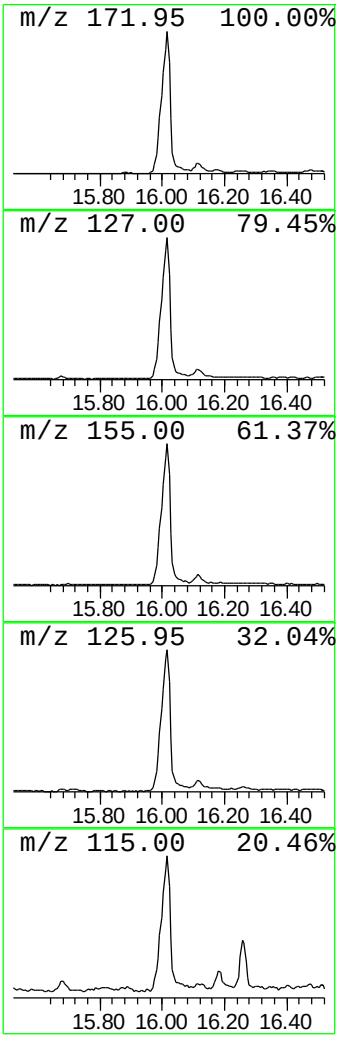

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Quant Title : SVOA CALIBRATION

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

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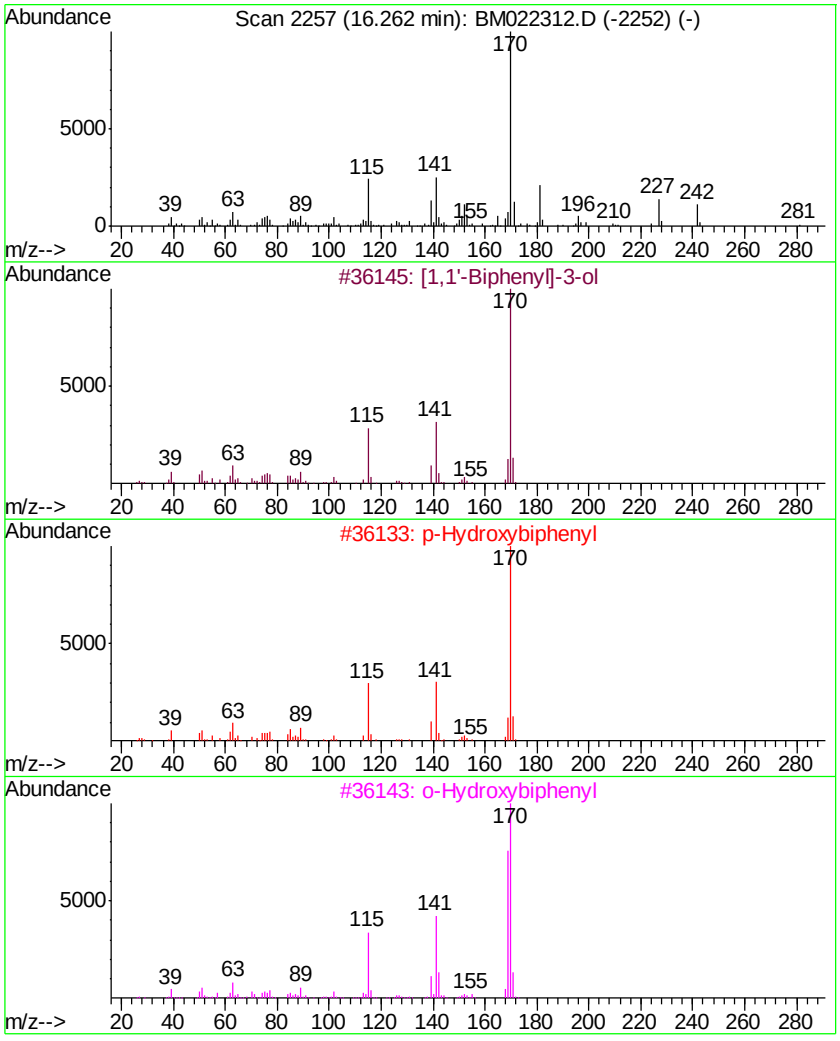
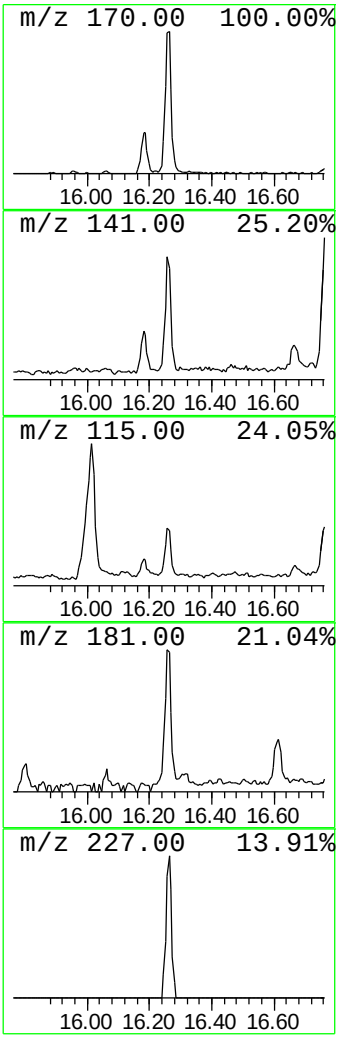
Peak Number 18 [1,1'-Biphenyl]-3-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	3.90 ng/ul	202476	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	86
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	68
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	64
5	1,1'-Biphenyl, 3-ethoxy-	198	C14H14O	054852-73-2	59





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Acq On : 25 Aug 2019 03:34
Operator : HP/JU
Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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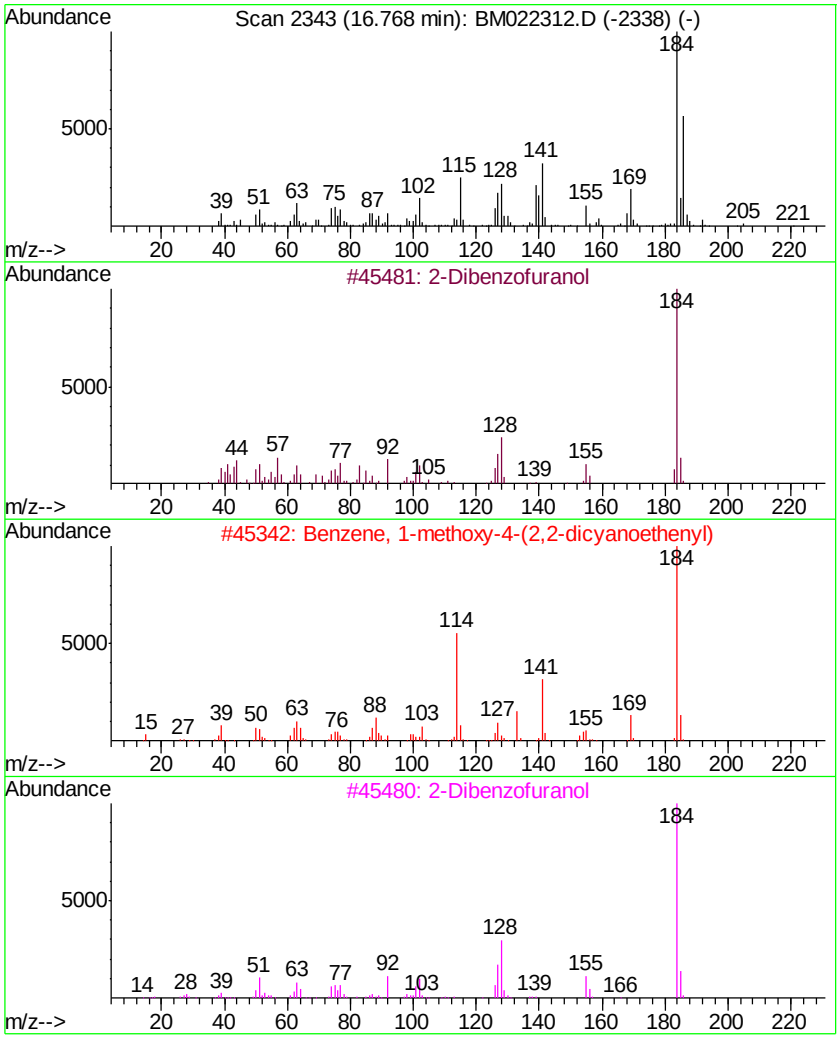
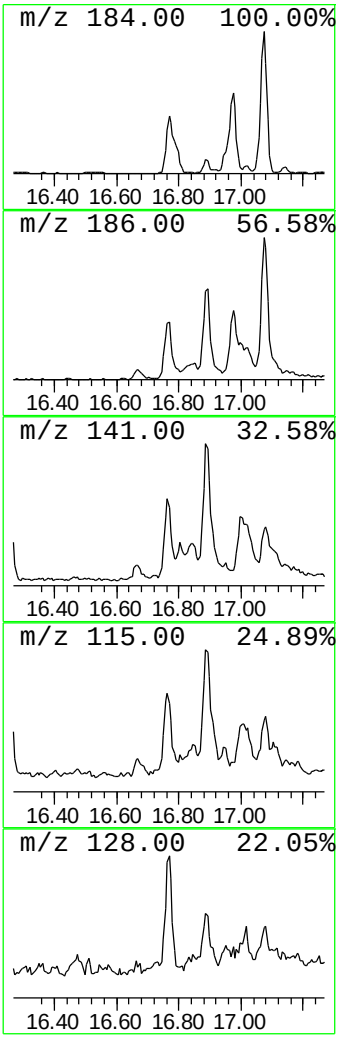
Peak Number 19 2-Dibenzofuranol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	6.67 ng/ul	345987	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	70
2	Benzene, 1-methoxy-4-(2,2-dicyan...	184	C11H8N2O	002826-26-8	60
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	50
4	Cis-1-(2-furyl)-2-phenylcyclopro...	184	C13H12O	039763-89-8	47
5	6-Cyano-5-methoxyquinoline	184	C11H8N2O	1000241-27-7	47





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Instrument : BNA_M
ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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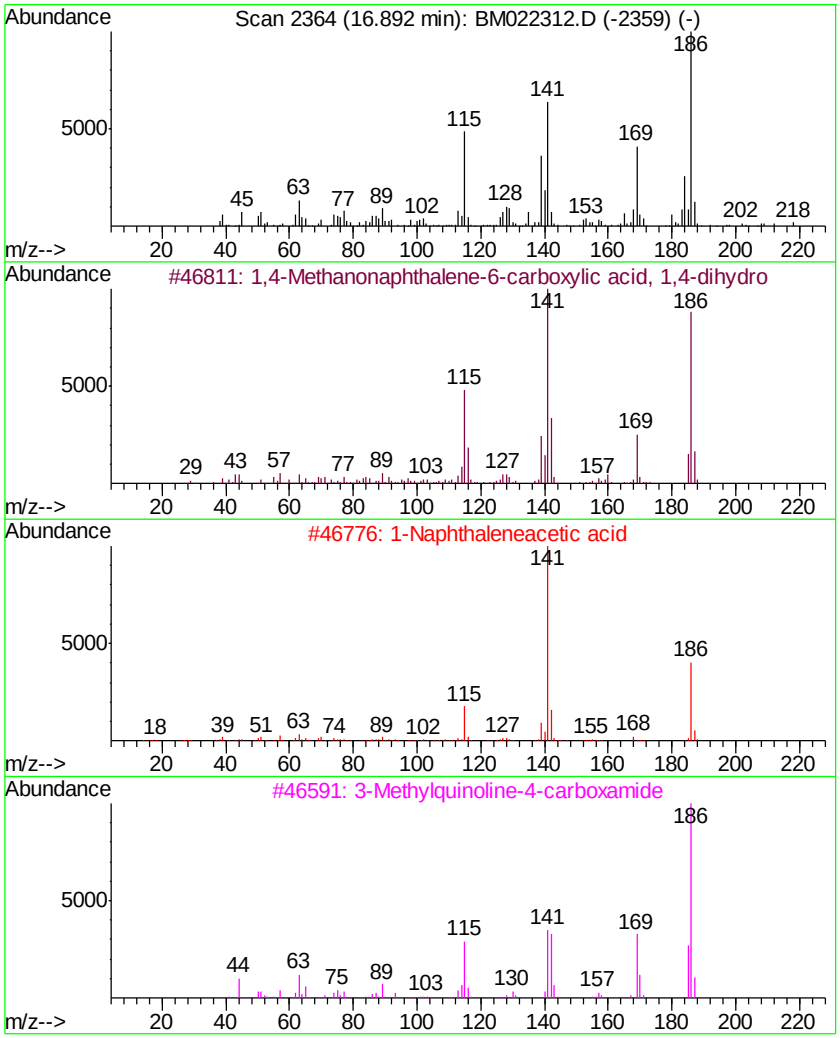
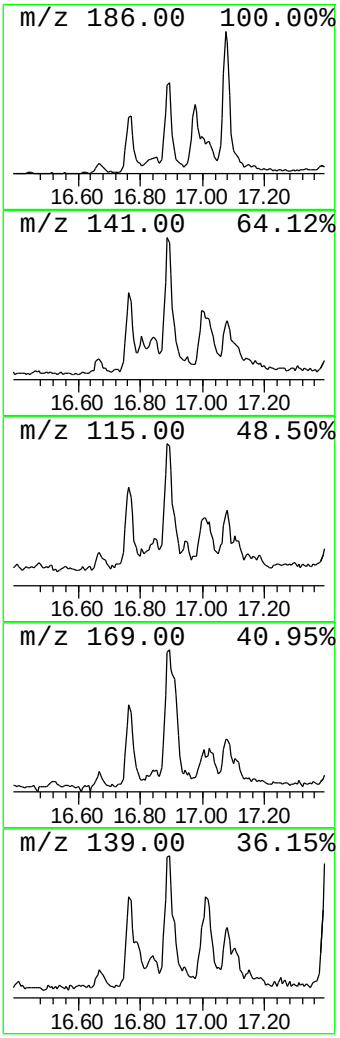
Peak Number 20 1,4-Methanonaphthalene-6-ca... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	6.15 ng/ul	318770	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene-6-carboxy...	186	C12H10O2	063509-76-2	52
2	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	46
3	3-Methylquinoline-4-carboxamide	186	C11H10N2O	1000250-73-1	43
4	[1,1'-Biphenyl]-2,2'-diol	186	C12H10O2	001806-29-7	38
5	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	38





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Instrument : BNA_M
ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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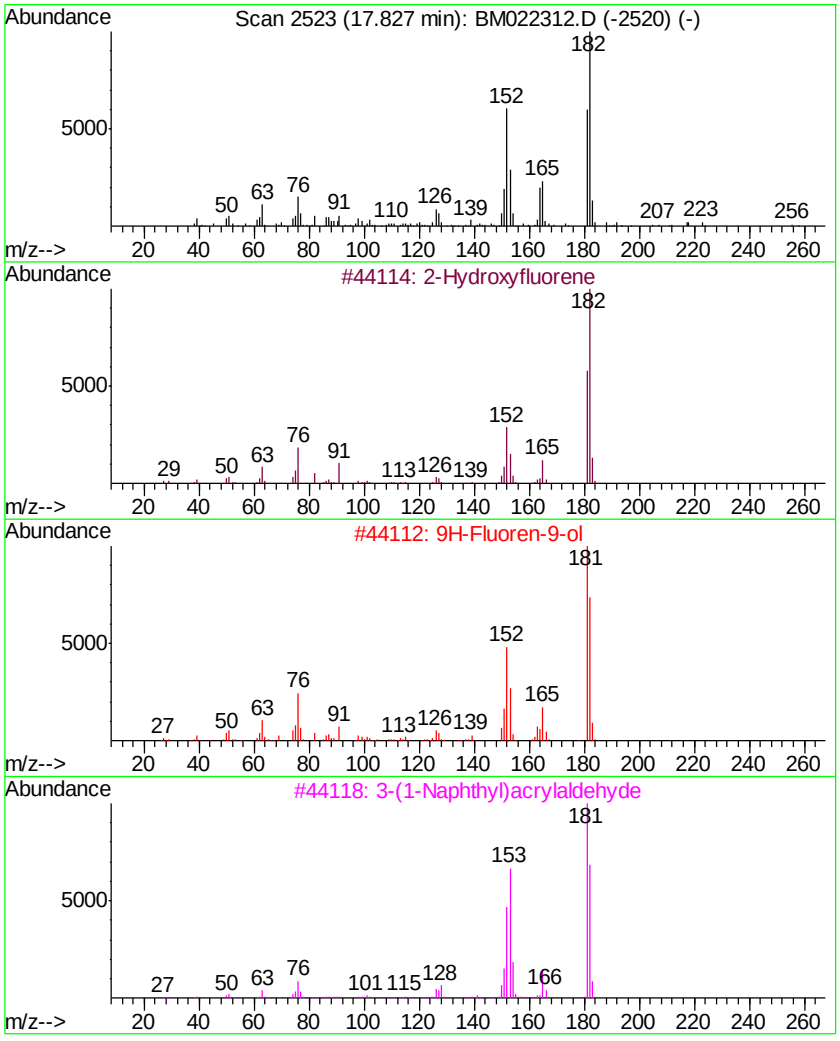
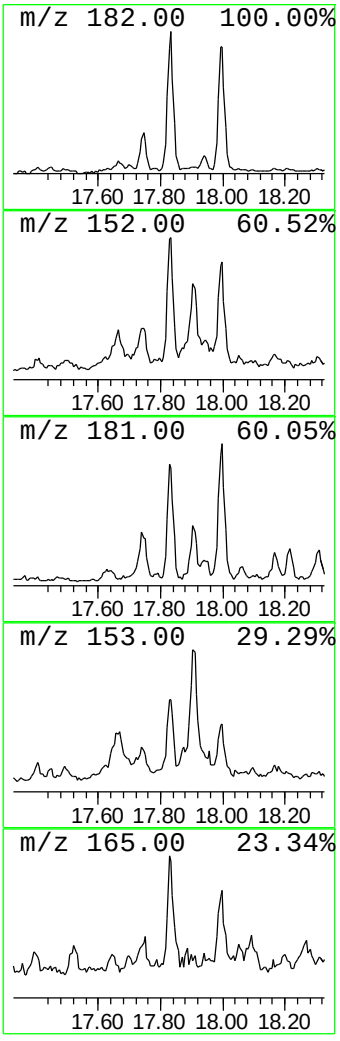
Peak Number 21 2-Hydroxyfluorene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.52 ng/ul	130655	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
3	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	62
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	62
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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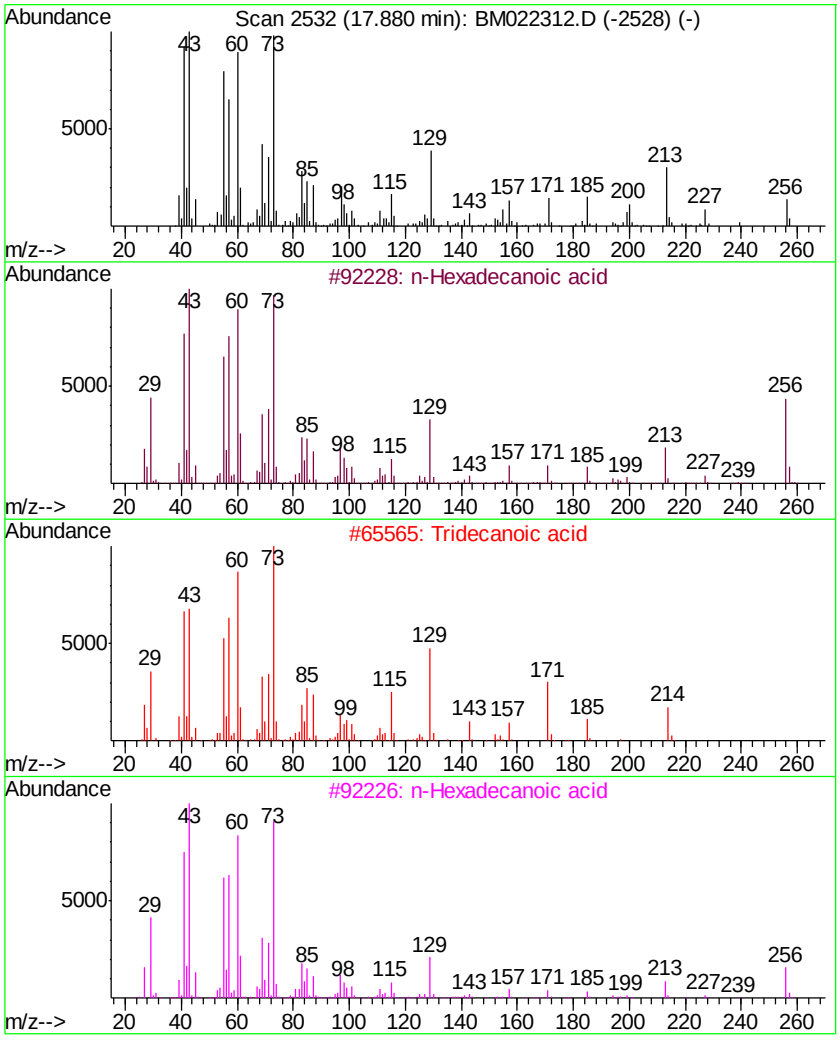
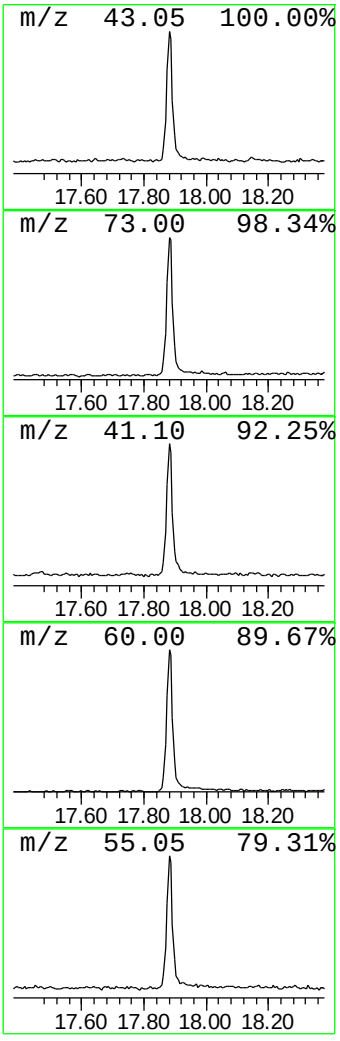
Peak Number 22 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	12.74 ng/ul	660410	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5	Dodecanoic acid	200	C12H24O2	000143-07-7	86





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Operator : HP/JU
Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

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

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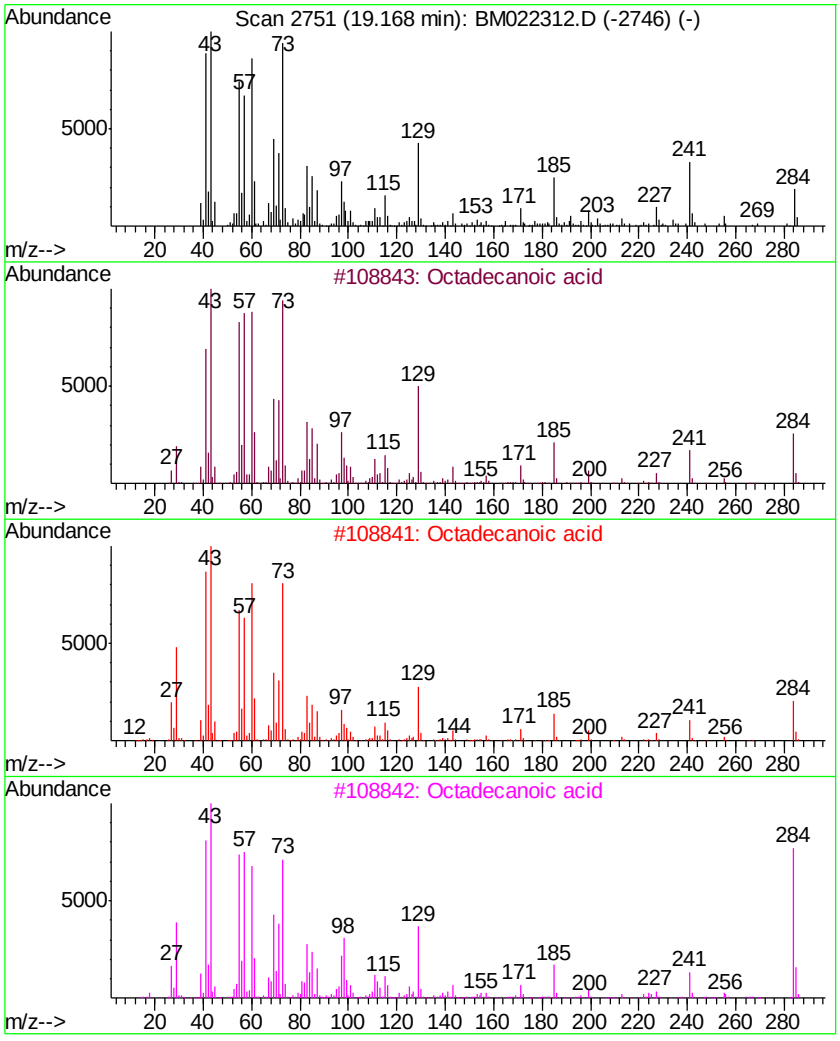
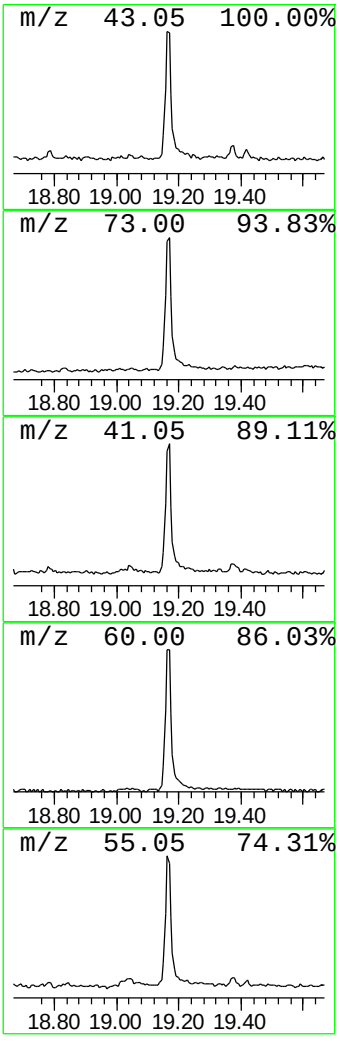
Peak Number 24 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	10.24 ng/ul	537486	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Operator : HP/JU
Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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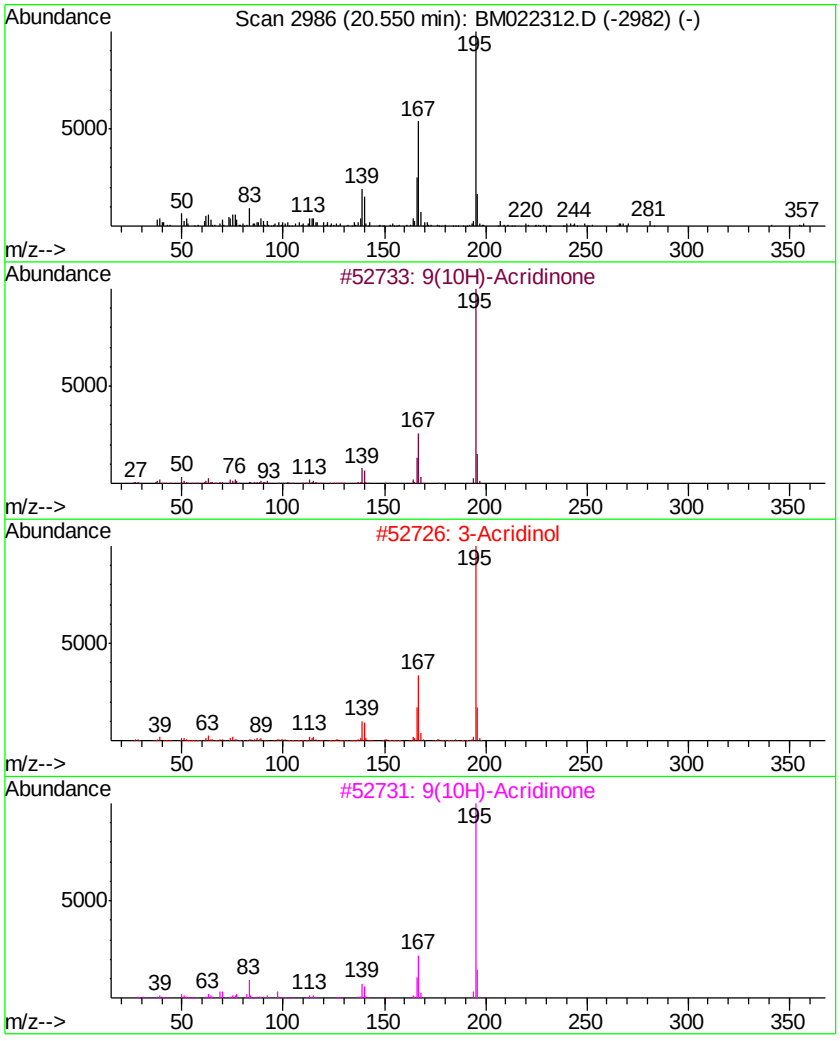
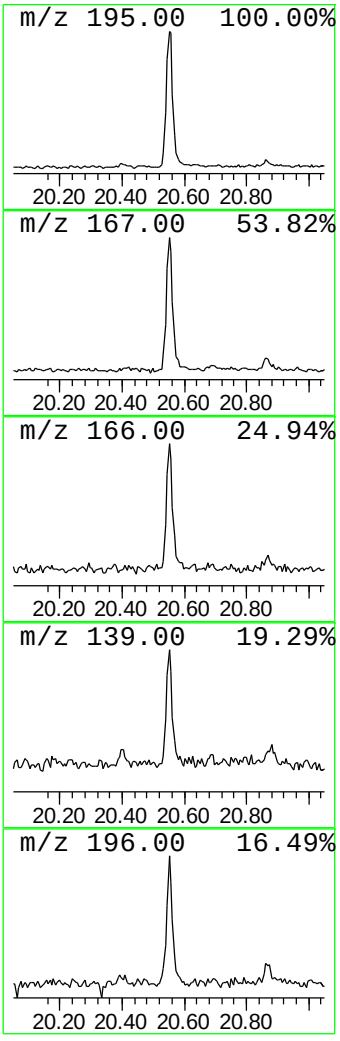
Peak Number 25 9(10H)-Acridinone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	3.02 ng/ul	158441	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	97
2	3-Acridinol	195	C13H9NO	007132-70-9	97
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94
5	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	94





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Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

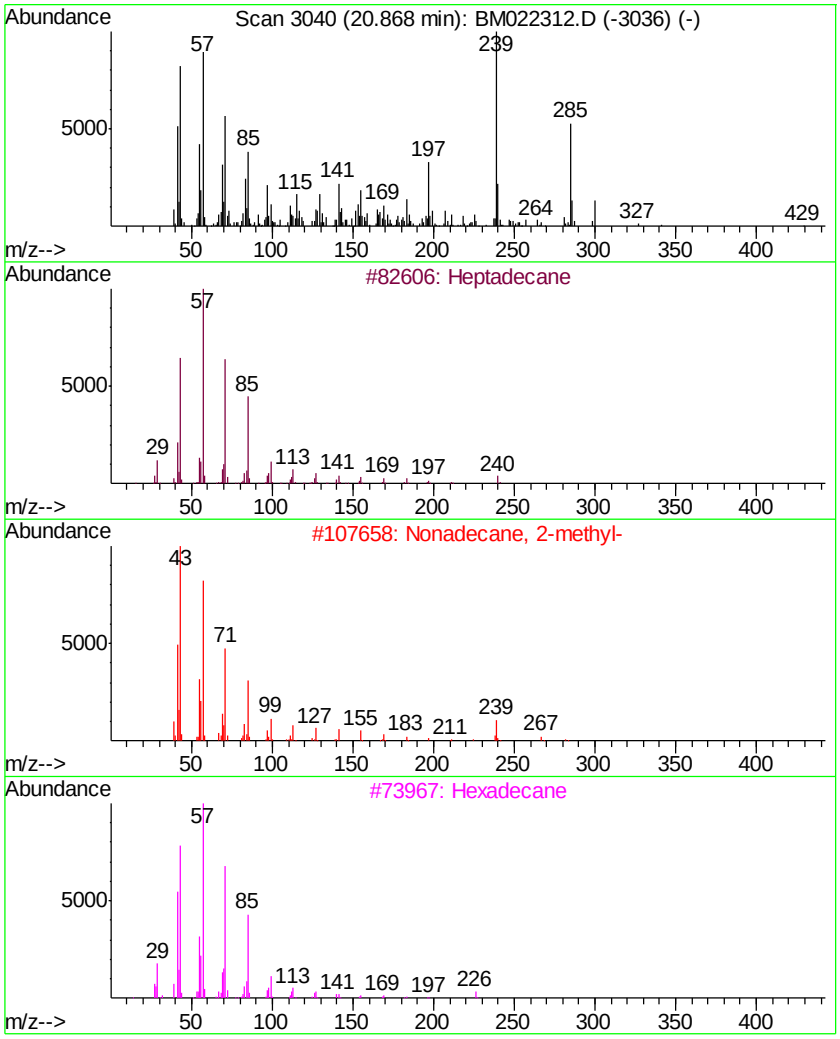
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

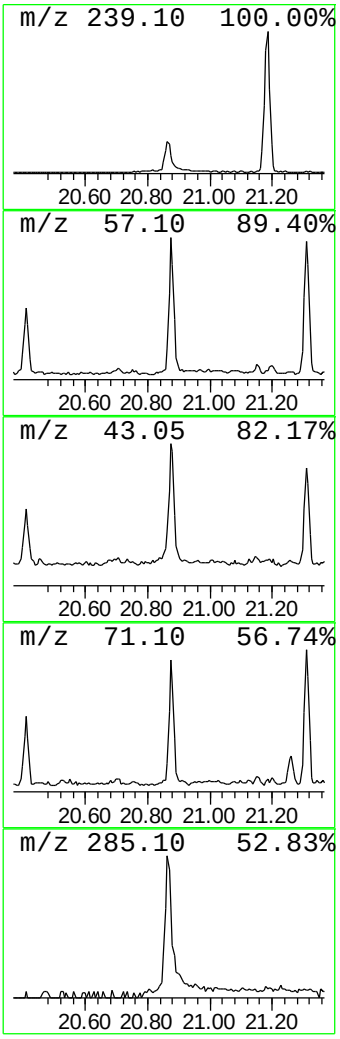
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.42 ng/ul	337143	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
3	Hexadecane	226	C16H34	000544-76-3	45
4	Nonadecane	268	C19H40	000629-92-5	43
5	Heneicosane	296	C21H44	000629-94-7	43





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

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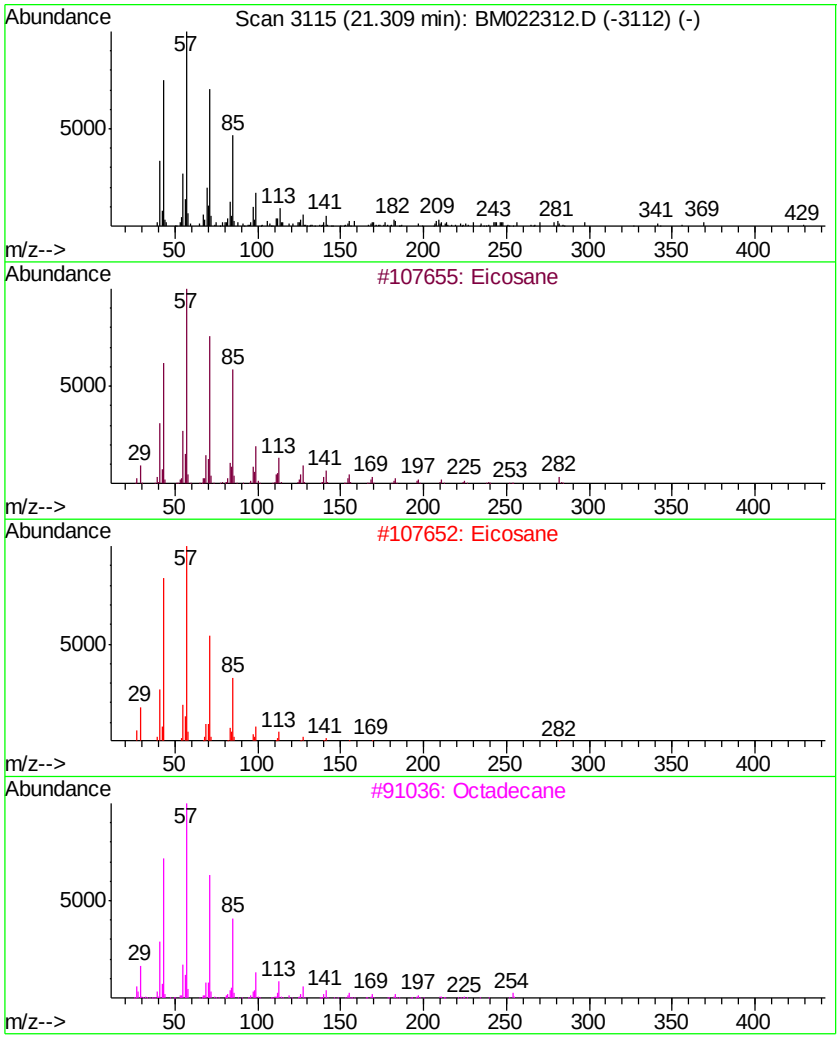
Quant Title : SVOA CALIBRATION

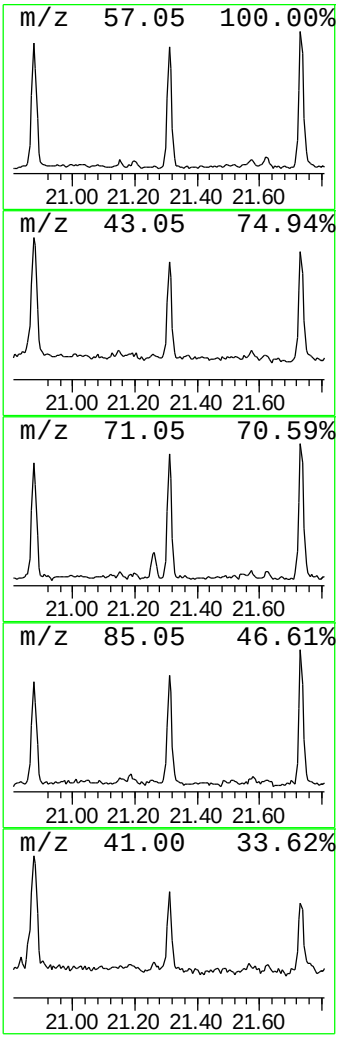
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	2.27 ng/ul	119112	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Octadecane	254	C18H38	000593-45-3	93
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

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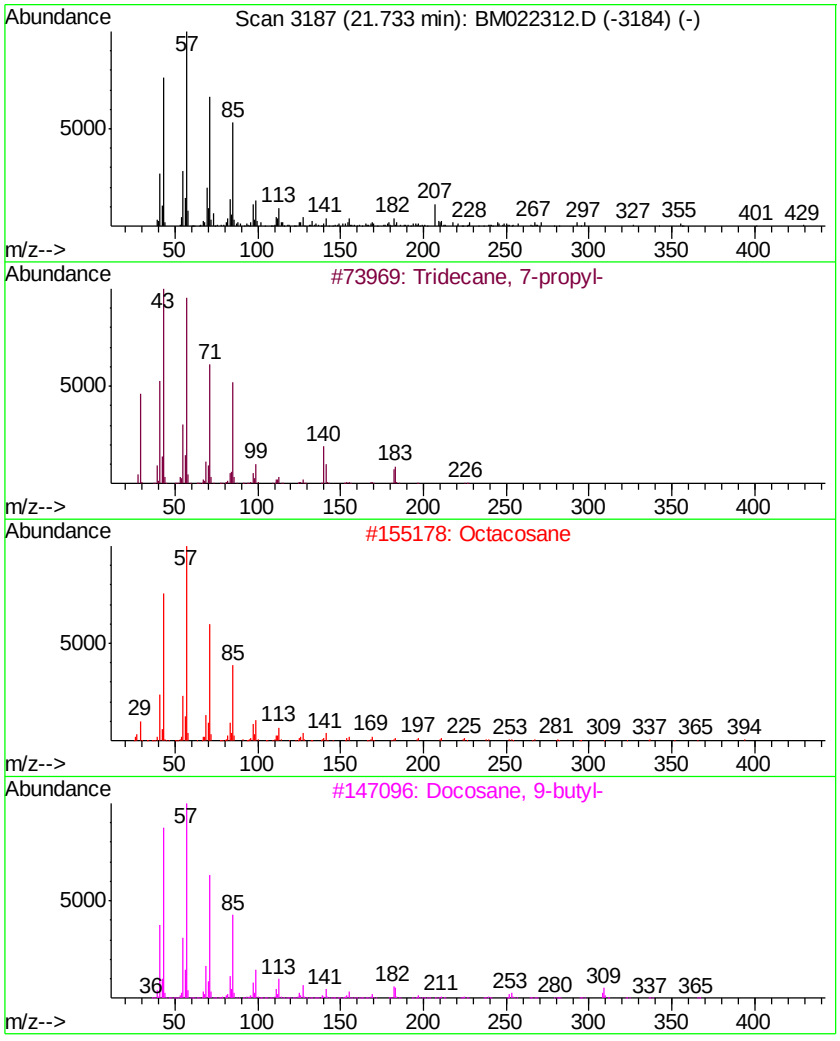
Quant Title : SVOA CALIBRATION

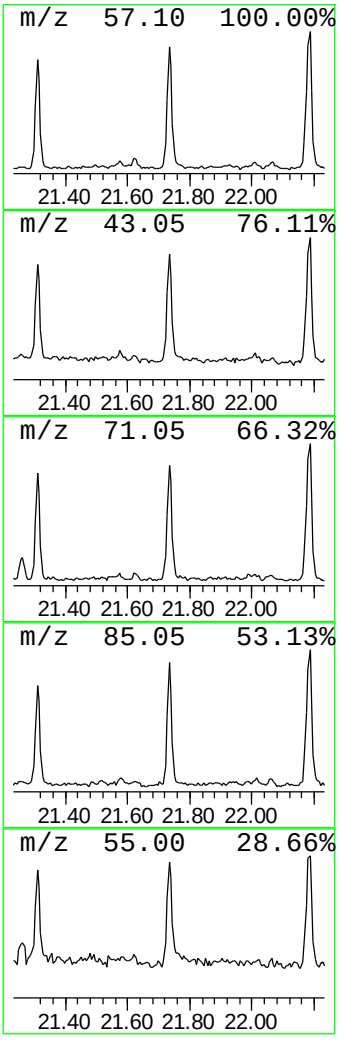
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.40 ng/ul	125941	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	89
2	Octacosane	394	C28H58	000630-02-4	87
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AE4

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Quant Title : SVOA CALIBRATION

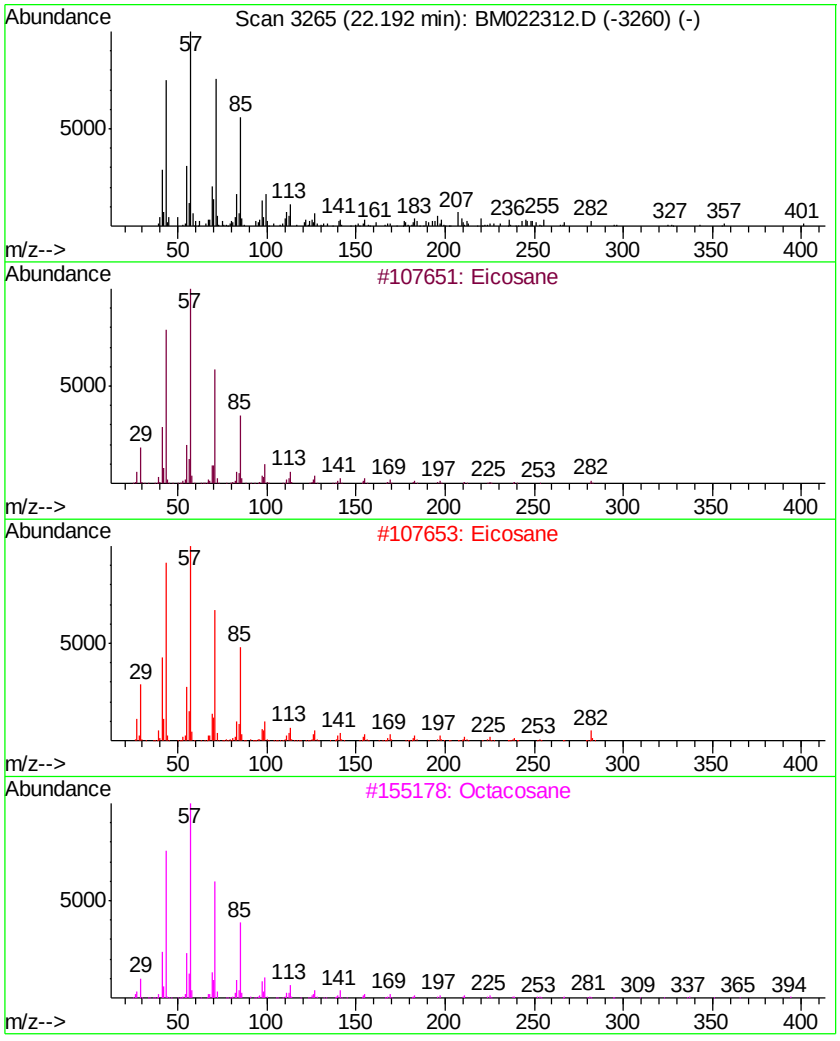
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

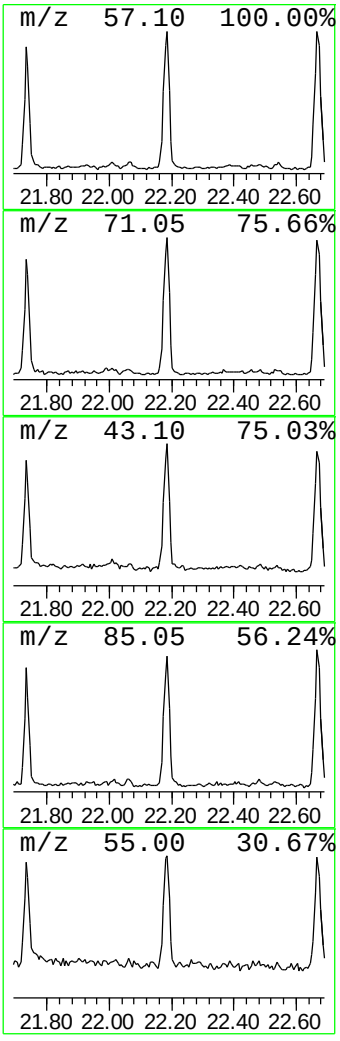
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.82 ng/ul	147793	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





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Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

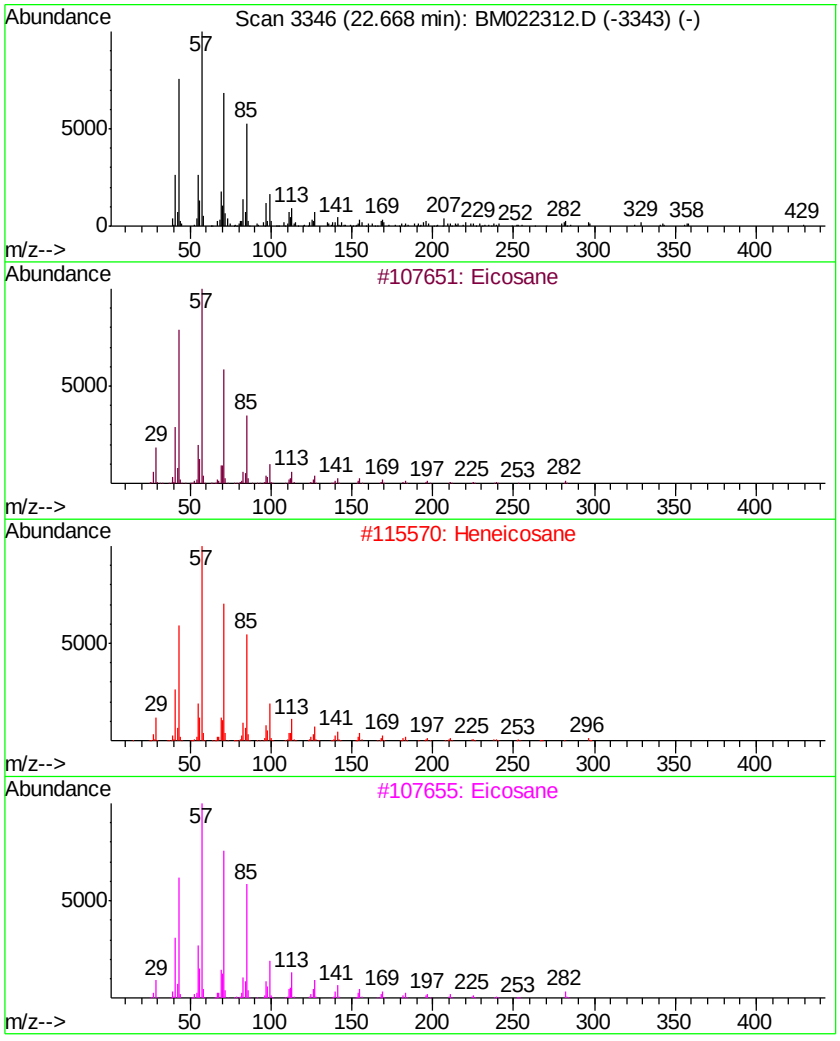
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

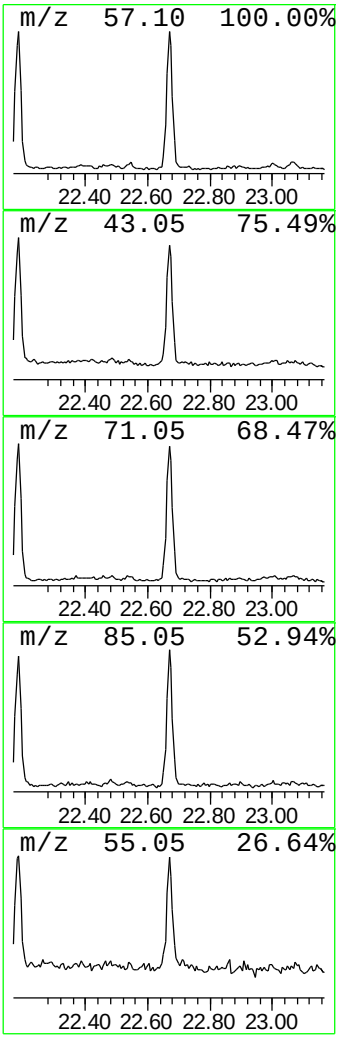
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	4.22 ng/ul	183848	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022312.D
Acq On : 25 Aug 2019 03:34
Operator : HP/JU
Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

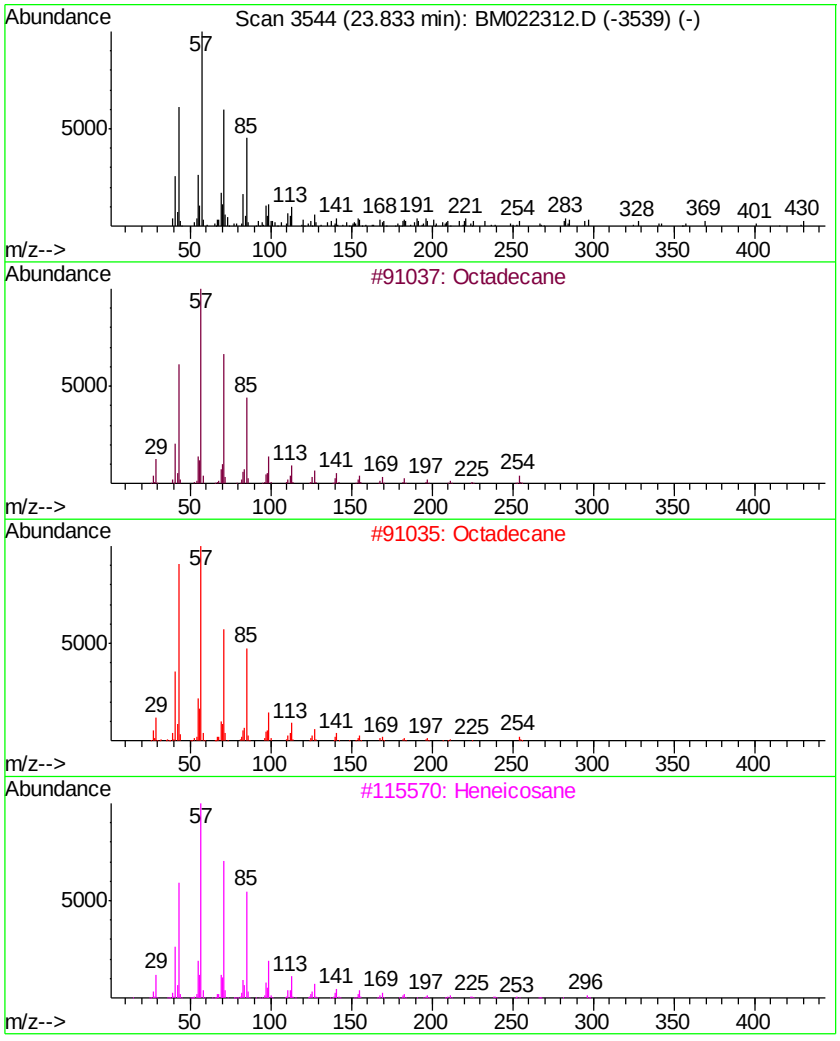
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

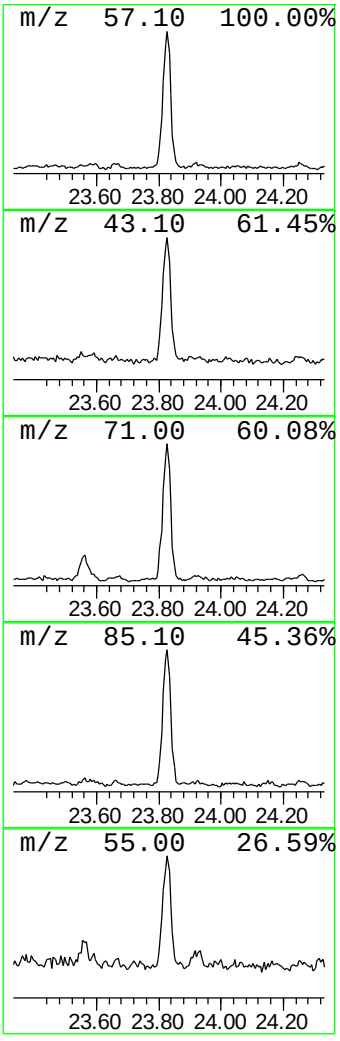
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	4.48 ng/ul	195469	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Octadecane	254	C18H38	000593-45-3	96
3	Heneicosane	296	C21H44	000629-94-7	96
4	Hexadecane	226	C16H34	000544-76-3	95
5	Hexadecane	226	C16H34	000544-76-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022312.D
Acq On : 25 Aug 2019 03:34
Operator : HP/JU
Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
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
unknown-01	4.92	2.0	ng/ul	33968	1	7.55	337448	20.0
Indane	7.90	12.0	ng/ul	203098	1	7.55	337448	20.0
Benzene, 1-propynyl-	8.07	4.7	ng/ul	78665	1	7.55	337448	20.0
Bicyclo[2.2.1]hep...	8.77	6.2	ng/ul	104686	1	7.55	337448	20.0
Benzofuran, 7-met...	9.01	4.3	ng/ul	111428	2	10.33	514644	20.0
Bicyclo[2.2.1]hep...	9.75	5.5	ng/ul	140586	2	10.33	514644	20.0
Phenol, 2,5-dimet...	9.84	4.2	ng/ul	108594	2	10.33	514644	20.0
Phenol, 2,4-dimet...	10.23	2.7	ng/ul	69943	2	10.33	514644	20.0
Propanedioic acid...	11.06	91.9	ng/ul	2363700	2	10.33	514644	20.0
unknown-02	11.43	2.4	ng/ul	62106	2	10.33	514644	20.0
unknown-03	12.10	3.9	ng/ul	99477	2	10.33	514644	20.0
Naphthalene, 1-me...	12.22	22.9	ng/ul	588082	2	10.33	514644	20.0
Naphthalene, 2,7-...	13.36	3.1	ng/ul	130492	3	14.21	835341	20.0
Naphthalene, 1,3-...	13.52	3.3	ng/ul	139313	3	14.21	835341	20.0
unknown-04	14.37	5.3	ng/ul	223005	3	14.21	835341	20.0
1-Naphthalenecarb...	16.02	26.5	ng/ul	1372640	4	16.97	1037040	20.0
[1,1'-Biphenyl]-3-ol	16.26	3.9	ng/ul	202476	4	16.97	1037040	20.0
2-Dibenzofuranol	16.77	6.7	ng/ul	345987	4	16.97	1037040	20.0
1,4-Methanonaphth...	16.89	6.2	ng/ul	318770	4	16.97	1037040	20.0
2-Hydroxyfluorene	17.83	2.5	ng/ul	130655	4	16.97	1037040	20.0
n-Hexadecanoic acid	17.88	12.7	ng/ul	660410	4	16.97	1037040	20.0
Octadecanoic acid	19.17	10.2	ng/ul	537486	5	21.18	1049530	20.0
9(10H)-Acridinone	20.55	3.0	ng/ul	158441	5	21.18	1049530	20.0
(DEL) Alkane: Str...	20.87	6.4	ng/ul	337143	5	21.18	1049530	20.0
(DEL) Alkane: Str...	21.31	2.3	ng/ul	119112	5	21.18	1049530	20.0
(DEL) Alkane: Str...	21.73	2.4	ng/ul	125941	5	21.18	1049530	20.0
(DEL) Alkane: Str...	22.19	2.8	ng/ul	147793	5	21.18	1049530	20.0
(DEL) Alkane: Str...	22.67	4.2	ng/ul	183848	6	23.37	872147	20.0
(DEL) Alkane: Str...	23.83	4.5	ng/ul	195469	6	23.37	872147	20.0