LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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	3.563	71	98	101	rBV	147734	659128	0.58%	0.194%
2	4.957	256	335	336	rBV3	417483	5265607	4.67%	1.546%
3	5.310	375	395	398	rVB2	577283	3332411	2.95%	0.979%
4	5.493	411	426	428	rBV2	128429	401632	0.36%	0.118%
5	6.834	632	654	658	rVV	9674345	26705690	23.66%	7.843%
6	6.928	665	670	680	rVB2	197387	380269	0.34%	0.112%
7	7.093	691	698	708	rBV	251473	490421	0.43%	0.144%
8	7.546	766	775	783	rBV	204938	360038	0.32%	0.106%
9	7.904	821	836	844	rVB	1990870	3202127	2.84%	0.940%
10	8.004	844	853	859	rBV2	459814	781405	0.69%	0.229%
11	8.069	859	864	870	rVB	575561	859275	0.76%	0.252%
12	8.275	887	899	905	rVV4	312299	913068	0.81%	0.268%
13	8.345	905	911	917	rVB	1004628	1840791	1.63%	0.541%
14	8.722	966	975	980	rVB2	261371	574663	0.51%	0.169%
15	9.004	1012	1023	1029	rVB2	210446	607860	0.54%	0.179%
16	9.434	1089	1096	1105	rBV	260461	494109	0.44%	0.145%
17	9.540	1105	1114	1118	rBV2	981555	2076414	1.84%	0.610%
18	9.710	1137	1143	1147	rBV2	322585	716046	0.63%	0.210%
19	9.816	1151	1161	1165	rVV3	436305	1357351	1.20%	0.399%
20	9.863	1165	1169	1175	rVB	880707	1537805	1.36%	0.452%
21	9.981	1185	1189	1192	rBV	367738	662363	0.59%	0.195%
22	10.245	1229	1234	1243	rBV	247499	491652	0.44%	0.144%
23	10.451	1243	1269	1273	rVV3	27351612	112858719	100.00%	33.146%
24	10.522	1276	1281	1286	rVB	2443853	3523217	3.12%	1.035%
25	10.698	1304	1311	1322	rBV3	230765	642672	0.57%	0.189%
26	10.869	1335	1340	1345	rBV	318838	498500	0.44%	0.146%
27	11.175	1358	1392	1396	rBV3	1476480	7841572	6.95%	2.303%
28	11.592	1456	1463	1466	rVV	468693	779813	0.69%	0.229%
29	11.669	1470	1476	1478	rBV	296065	460482	0.41%	0.135%
30	11.869	1502	1510	1520	rVB2	1013839	1983634	1.76%	0.583%
31	12.004	1526	1533	1539	rVB	6013271	9056855	8.02%	2.660%
32	12.116	1547	1552	1557	rVV2	212402	367736	0.33%	0.108%
33	12.228	1560	1571	1577	rVB	5559730	8757000	7.76%	2.572%
34	12.433	1577	1606	1611	rBV2	1414611	7229149	6.41%	2.123%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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	12.622	1632	1638	1642	rVV3	302401	609138	0.54%	0.179%
36	13.028	1700	1707	1711	rBV	969025	1496305	1.33%	0.439%
37	13.192	1727	1735	1737	rBV	415875	889959	0.79%	0.261%
38	13.375	1757	1766	1774	rBV4	474612	1393440	1.23%	0.409%
39	13.516	1782	1790	1795	rBV	664252	1274827	1.13%	0.374%
40	13.569	1795	1799	1807	rVB2	618167	1082595	0.96%	0.318%
41	13.645	1807	1812	1817	rBV	701863	970891	0.86%	0.285%
42	13.898	1847	1855	1862	rBV2	920572	1817852	1.61%	0.534%
43	13.963	1862	1866	1871	rVB2	235611	390552	0.35%	0.115%
44	14.122	1888	1893	1896	rBV	514954	781942	0.69%	0.230%
45	14.180	1896	1903	1905	rVV2	583532	1072166	0.95%	0.315%
46	14.286	1912	1921	1926	rVB	12026118	16570485	14.68%	4.867%
47	14.369	1926	1935	1943	rBV	689355	1760984	1.56%	0.517%
48	14.498	1949	1957	1963	rBV4	594874	1256007	1.11%	0.369%
49	14.616	1971	1977	1982	rVB	3709293	5286874	4.68%	1.553%
50	14.751	1993	2000	2003	rVV	339031	687873	0.61%	0.202%
51	14.804	2003	2009	2023	rVB2	414901	901861	0.80%	0.265%
52	15.086	2048	2057	2064	rVB2	889938	2234527	1.98%	0.656%
53	15.210	2073	2078	2082	rVB	1163305	1533923	1.36%	0.451%
54	15.274	2082	2089	2094	rBV	5197481	6602782	5.85%	1.939%
55	15.392	2105	2109	2112	rVV2	459743	745498	0.66%	0.219%
56	15.427	2112	2115	2121	rVB4	436796	715407	0.63%	0.210%
57	15.716	2153	2164	2170	rVB6	459340	1494420	1.32%	0.439%
58	15.816	2175	2181	2186	rBV	377000	608530	0.54%	0.179%
59	16.057	2209	2222	2234	rBV4	1590869	5275745	4.67%	1.549%
60	16.180	2234	2243	2250	rVV2	1601834	2894492	2.56%	0.850%
61	16.263	2252	2257	2262	rBV	1240386	1762985	1.56%	0.518%
62	16.316	2262	2266	2270	rVB2	272619	420631	0.37%	0.124%
63	16.421	2275	2284	2288	rVV2	507824	1239792	1.10%	0.364%
64	16.463	2288	2291	2296	rVB4	244198	370488	0.33%	0.109%
65	16.774	2339	2344	2351	rVV2	725454	1574502	1.40%	0.462%
66	16.851	2354	2357	2360	rVV4	248104	442158	0.39%	0.130%
67	16.886	2360	2363	2366	rVV2	443491	731023	0.65%	0.215%
68	16.916	2366	2368	2371	rVV2	525266	765510	0.68%	0.225%
69	16.957	2371	2375	2380	rVV2	895092	2069746	1.83%	0.608%
70	17.021	2380	2386	2390	rVV	5673365	8011394	7.10%	2.353%
71	17.074	2390	2395	2404	rVV4	2720687	5777578	5.12%	1.697%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

72	17.145	2404	2407	2410	rVV	321250	483893	0.43%	0.142%
73	17.210	2410	2418	2430	rVB	1171080	2497311	2.21%	0.733%
74	17.416	2440	2453	2459	rVB	9055023	14369212	12.73%	4.220%
75	17.504	2464	2468	2473	rVV	776377	1223185	1.08%	0.359%
76	17.574	2473	2480	2486	rVV	1925991	3375230	2.99%	0.991%
77	17.645	2486	2492	2495	rVV	655232	1109879	0.98%	0.326%
78	17.698	2495	2501	2505	rVV4	477864	902854	0.80%	0.265%
79	17.751	2507	2510	2515	rVB4	273804	416215	0.37%	0.122%
80	17.839	2520	2525	2529	rBV	1014956	1400330	1.24%	0.411%
81	17.892	2529	2534	2540	rBV5	661140	1561928	1.38%	0.459%
82	18.004	2548	2553	2556	rBV	795231	964336	0.85%	0.283%
83	18.163	2576	2580	2583	rBV2	438768	776749	0.69%	0.228%
84	18.262	2592	2597	2601	rBV2	659484	973267	0.86%	0.286%
85	18.380	2613	2617	2621	rVB	534643	723869	0.64%	0.213%
86	18.451	2621	2629	2634	rBV5	538077	1340386	1.19%	0.394%
87	18.698	2667	2671	2675	rBV2	279676	364168	0.32%	0.107%
88	18.904	2703	2706	2716	rVB6	207127	390042	0.35%	0.115%
89	19.045	2726	2730	2739	rVB2	498528	864477	0.77%	0.254%
90	19.162	2746	2750	2753	rBV	416606	514387	0.46%	0.151%
91	19.192	2753	2755	2762	rVB	315180	430618	0.38%	0.126%
92	19.257	2762	2766	2770	rBV	939966	1149423	1.02%	0.338%
93	19.380	2782	2787	2794	rBV2	1549719	2518251	2.23%	0.740%
94	19.451	2794	2799	2810	rVB2	525072	904271	0.80%	0.266%
95	19.933	2873	2881	2886	rVB	900188	1949505	1.73%	0.573%
96	20.574	2984	2990	3001	rVB	1344731	2324675	2.06%	0.683%
97	20.874	3032	3041	3054	rVB3	1177262	2837445	2.51%	0.833%
98	21.180	3088	3093	3097	rBV	621738	802721	0.71%	0.236%
99	23.233	3434	3442	3450	rVB	748980	1406363	1.25%	0.413%
100	23.368	3460	3465	3479	rVB	378112	691531	0.61%	0.203%

Sum of corrected areas: 340490877

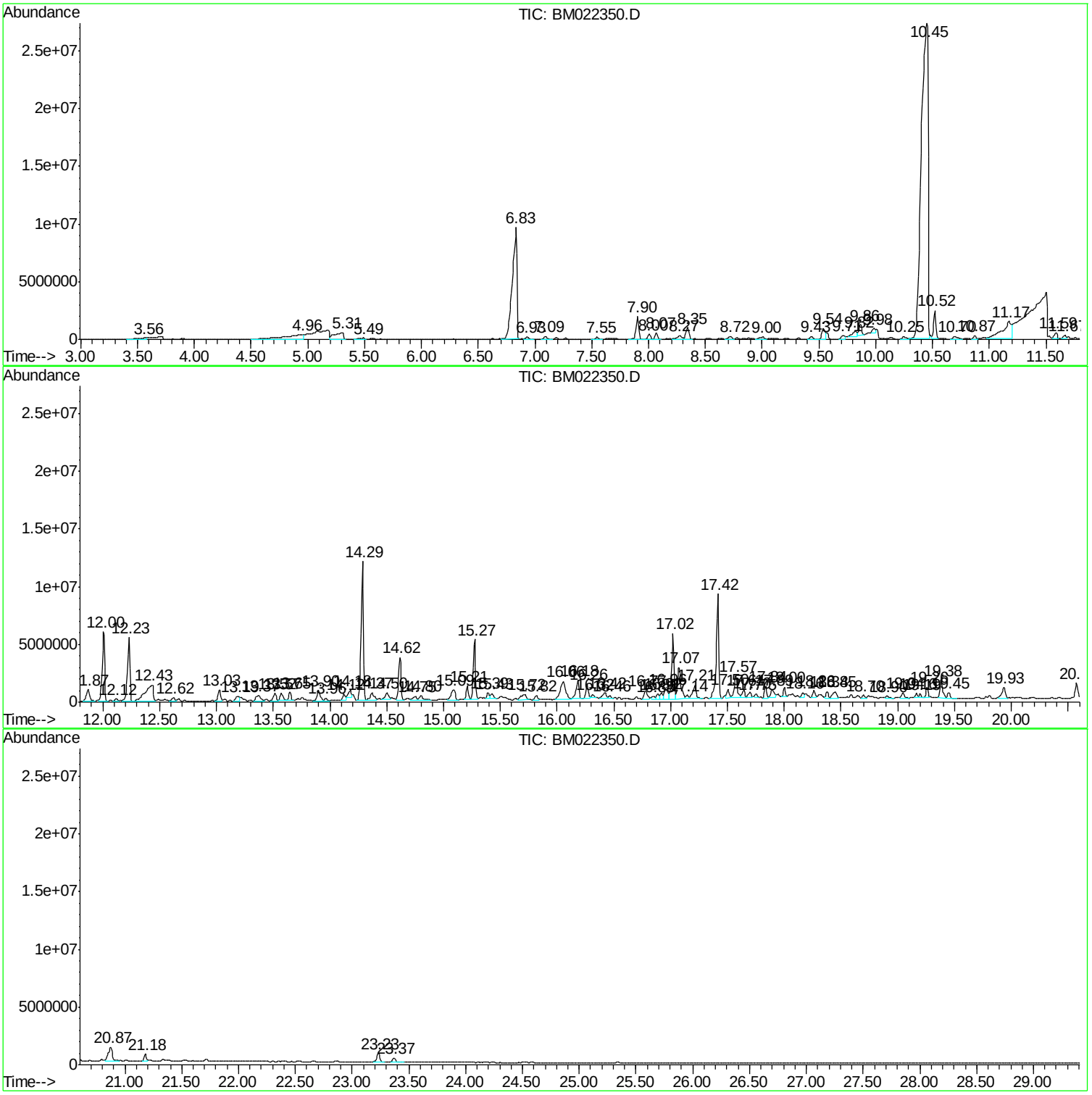
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

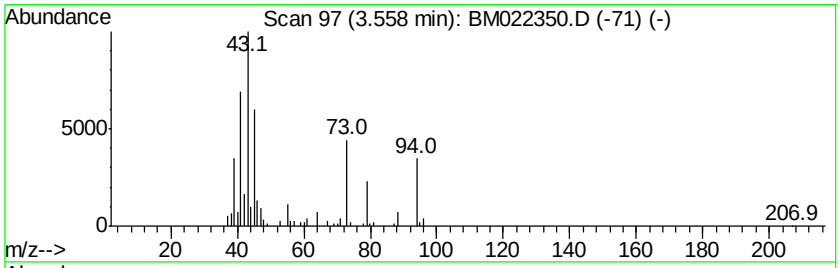
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

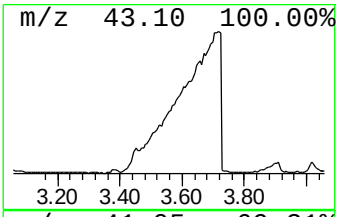
****

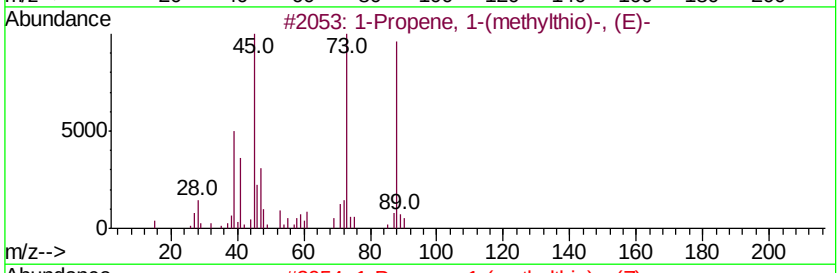
Peak Number 1 unknown-01 Concentration Rank 11

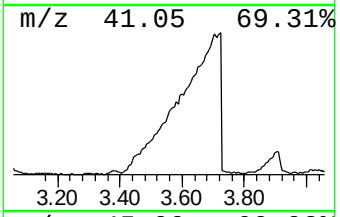
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	36.61 ng/ul	659128	1,4-Dichlorobenzene-d4	7.55

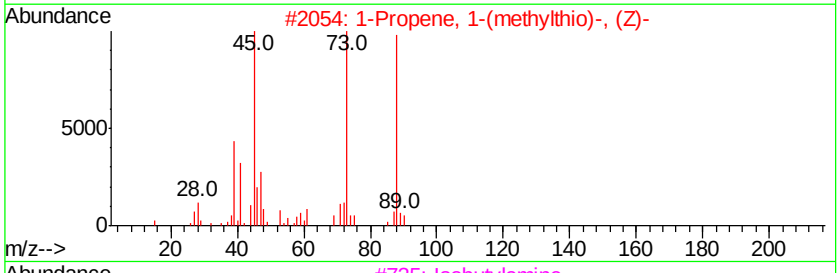
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-(methylthio)-, (E)-	88	C4H8S	042848-06-6	27
2	1-Propene, 1-(methylthio)-, (Z)-	88	C4H8S	052195-40-1	25
3	Isobutylamine	73	C4H11N	000078-81-9	9
4	Propane, 1-methoxy-2-methyl-	88	C5H12O	000625-44-5	9
5	2-Heptanol, (S)-	116	C7H16O	006033-23-4	9

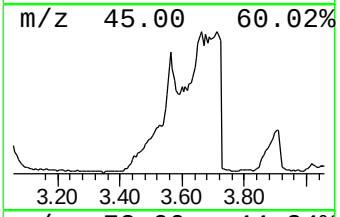


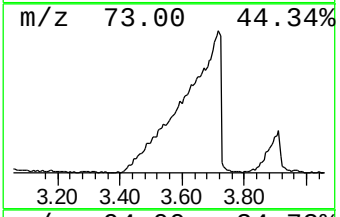


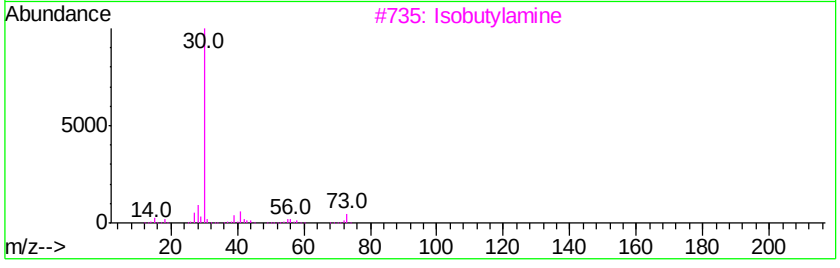


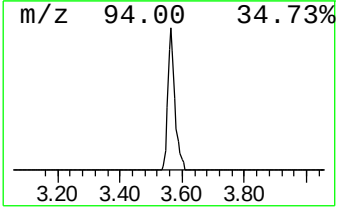












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

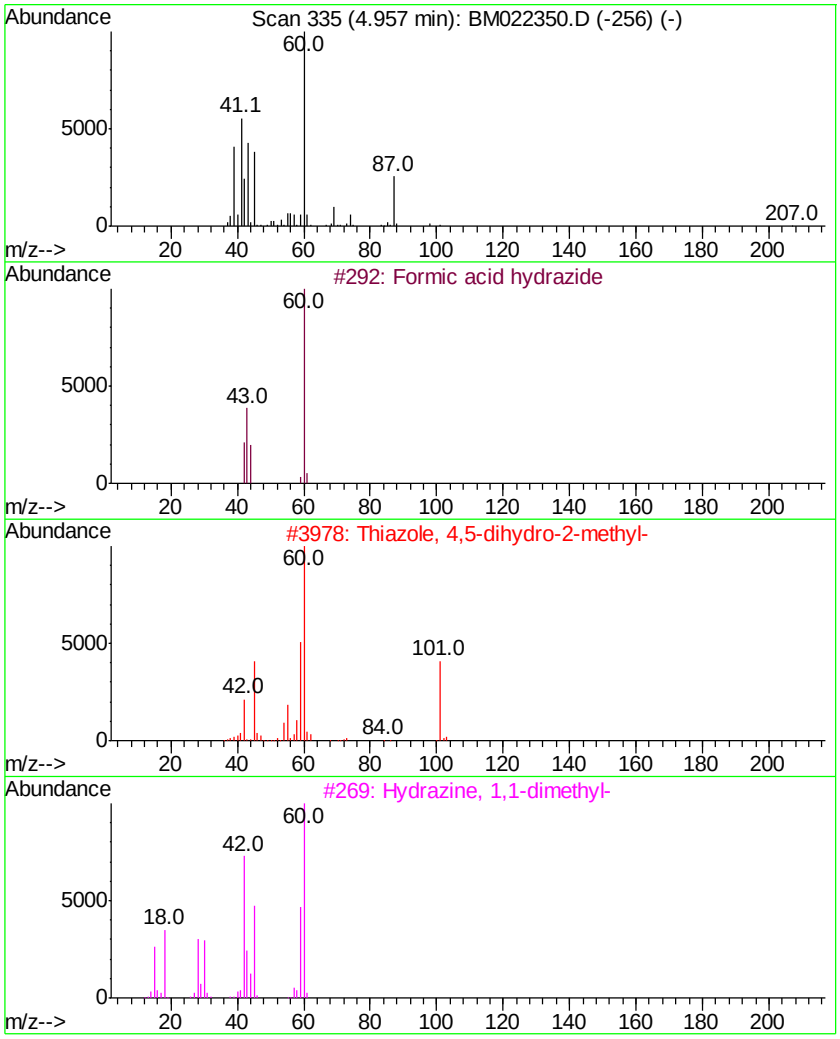
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

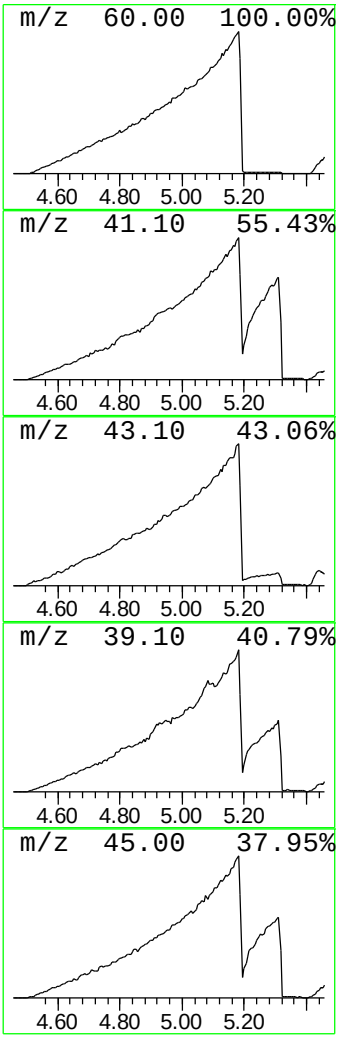
****

Peak Number 2 Formic acid hydrazide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	292.50 ng/ul	5265610	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid hydrazide	60	CH4N2O	000624-84-0	50
2	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	38
3	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	32
4	Pentanoic acid	102	C5H10O2	000109-52-4	32
5	Heptanoic acid	130	C7H14O2	000111-14-8	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

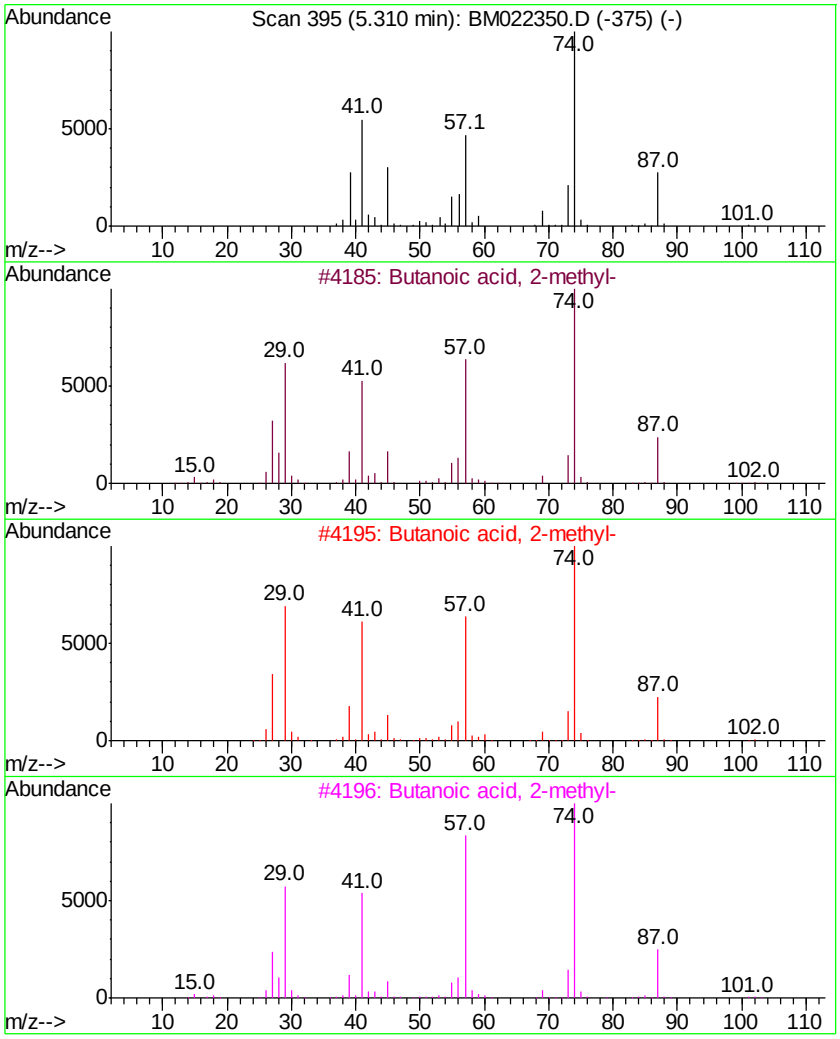
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

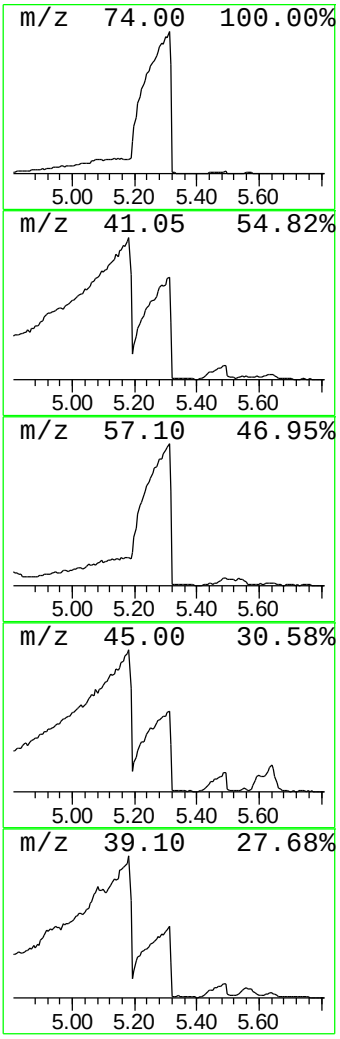
****

Peak Number 3 Butanoic acid, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	185.11 ng/ul	3332410	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	64
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	45
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	38
4	Propanoic acid	74	C3H6O2	000079-09-4	37
5	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

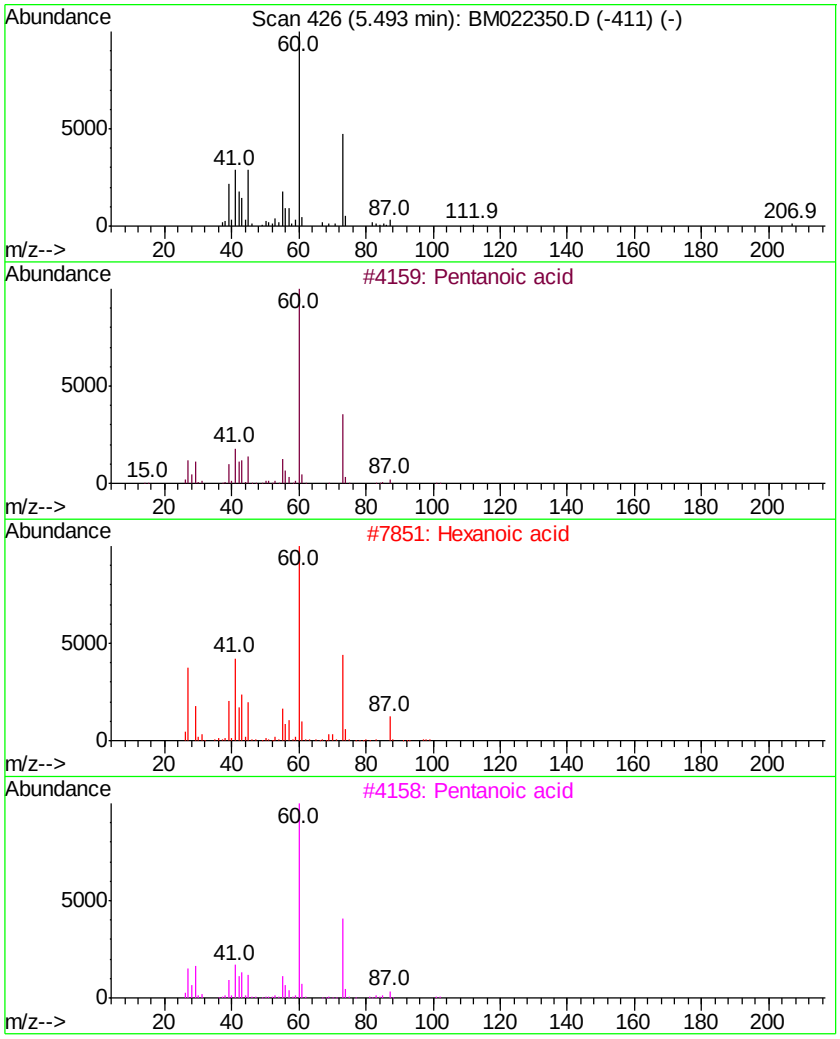
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

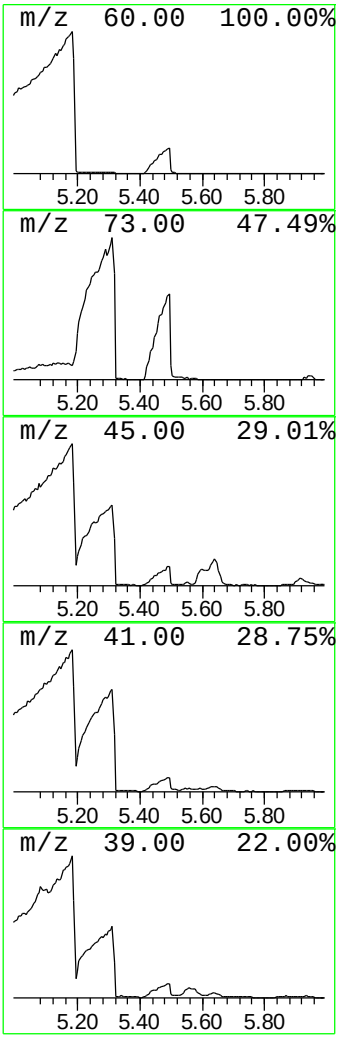
****

Peak Number 4 Pentanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	22.31 ng/ul	401632	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	72
2	Hexanoic acid	116	C6H12O2	000142-62-1	72
3	Pentanoic acid	102	C5H10O2	000109-52-4	50
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40
5	Hexanoic acid, 6-bromo-	194	C6H11BrO2	004224-70-8	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

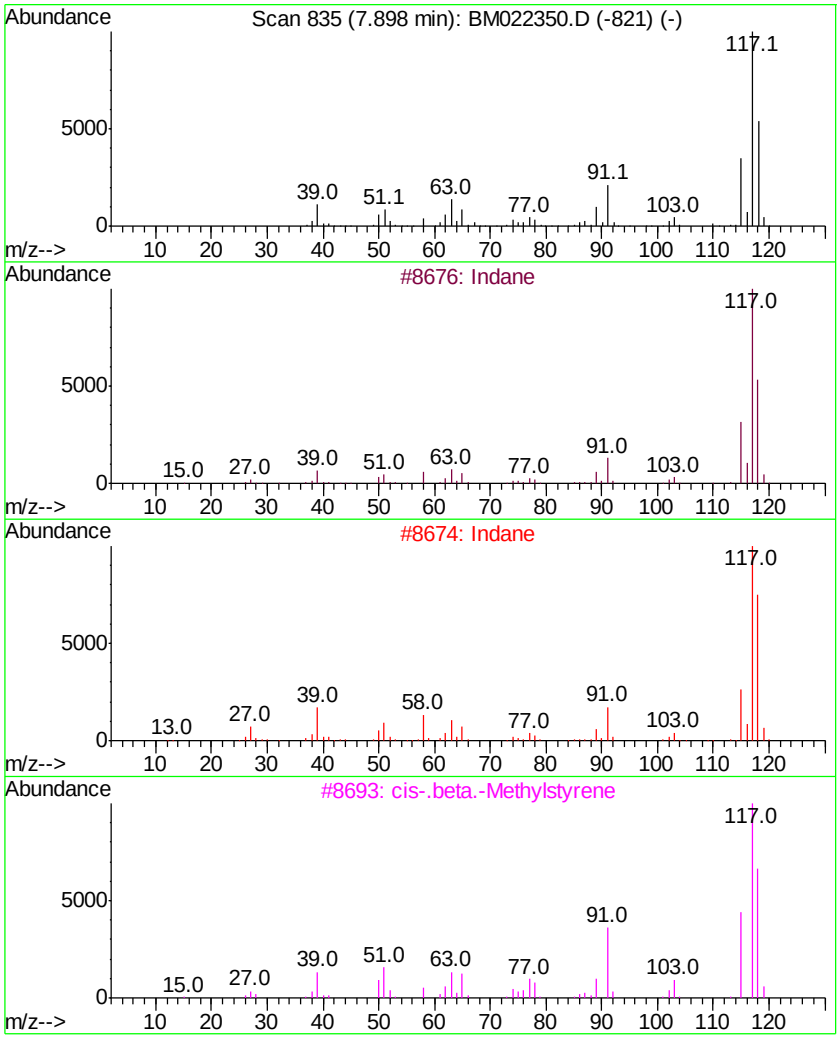
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

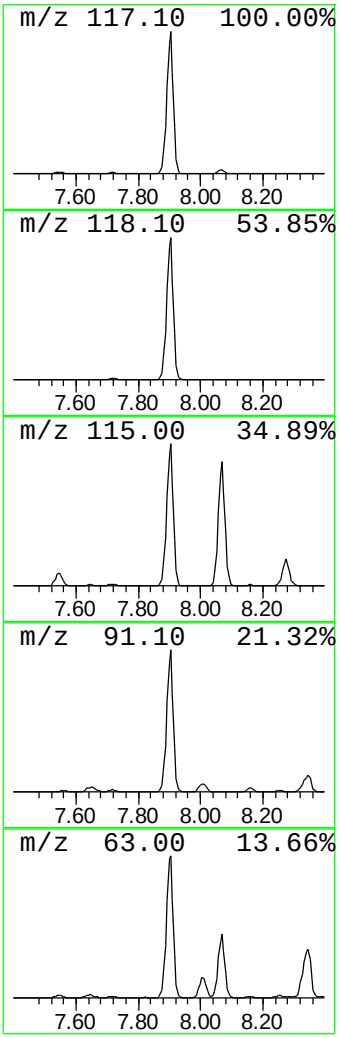
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	177.88 ng/ul	3202130	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	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
5	Indane	118	C9H10	000496-11-7	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

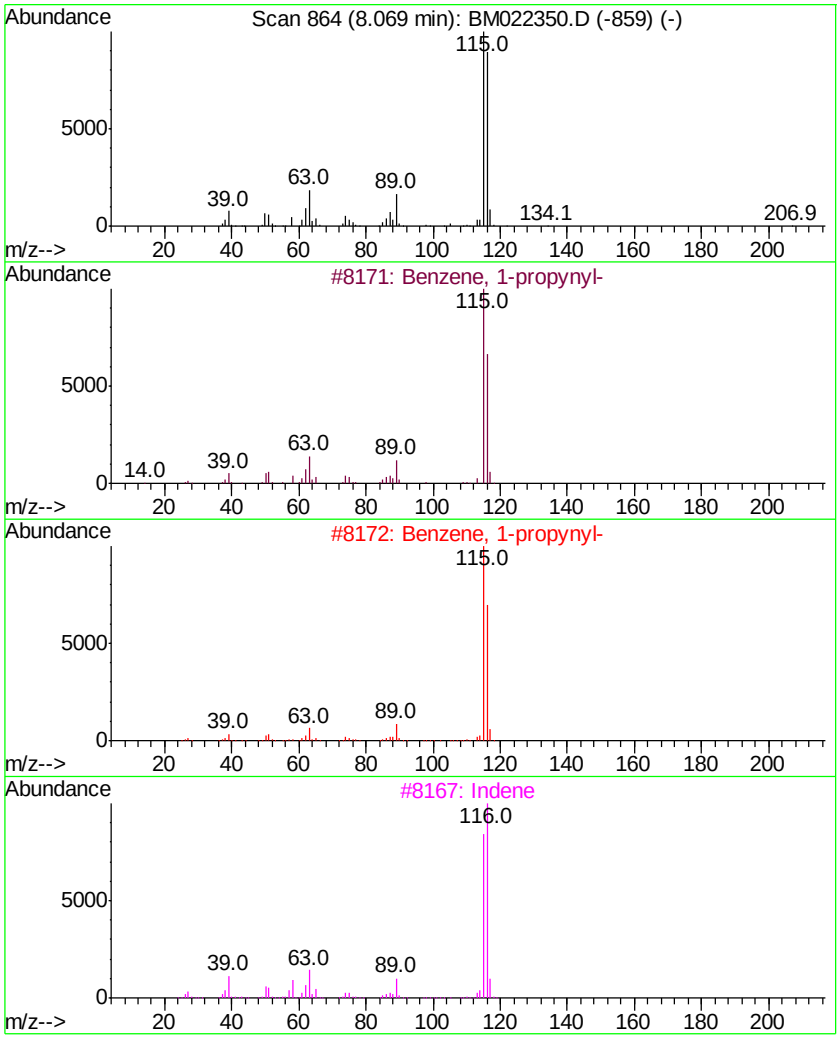
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

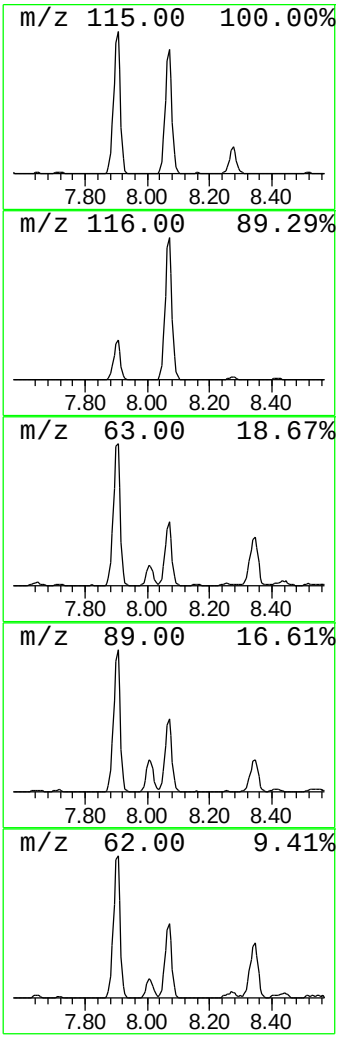
****

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	47.73 ng/ul	859275	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

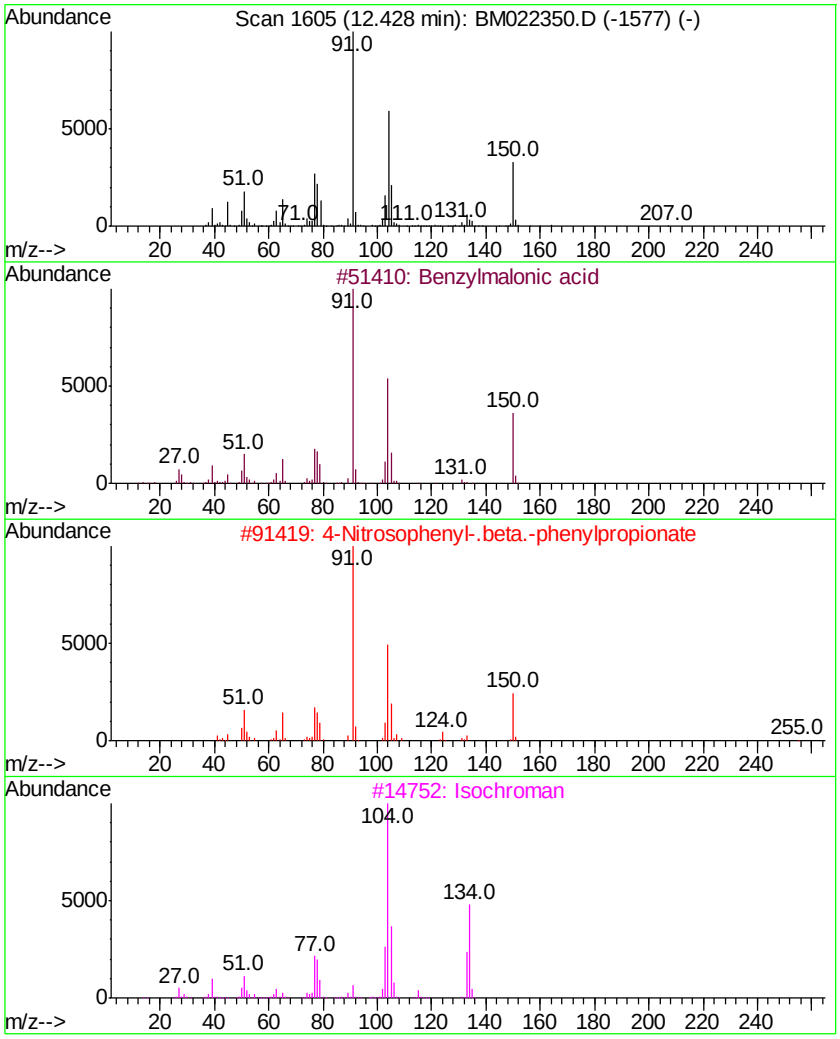
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

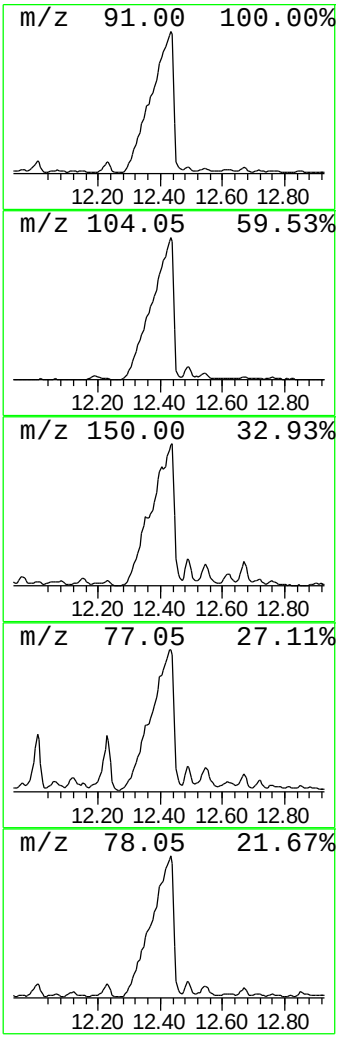
****

Peak Number 7 Benzylmalonic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	134.85 ng/ul	7229150	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzylmalonic acid	194	C10H10O4	000616-75-1	91
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	80
3	Isochroman	134	C9H10O	000493-05-0	76
4	Benzenepropanoic acid	150	C9H10O2	000501-52-0	74
5	Benzenepropanoic acid	150	C9H10O2	000501-52-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

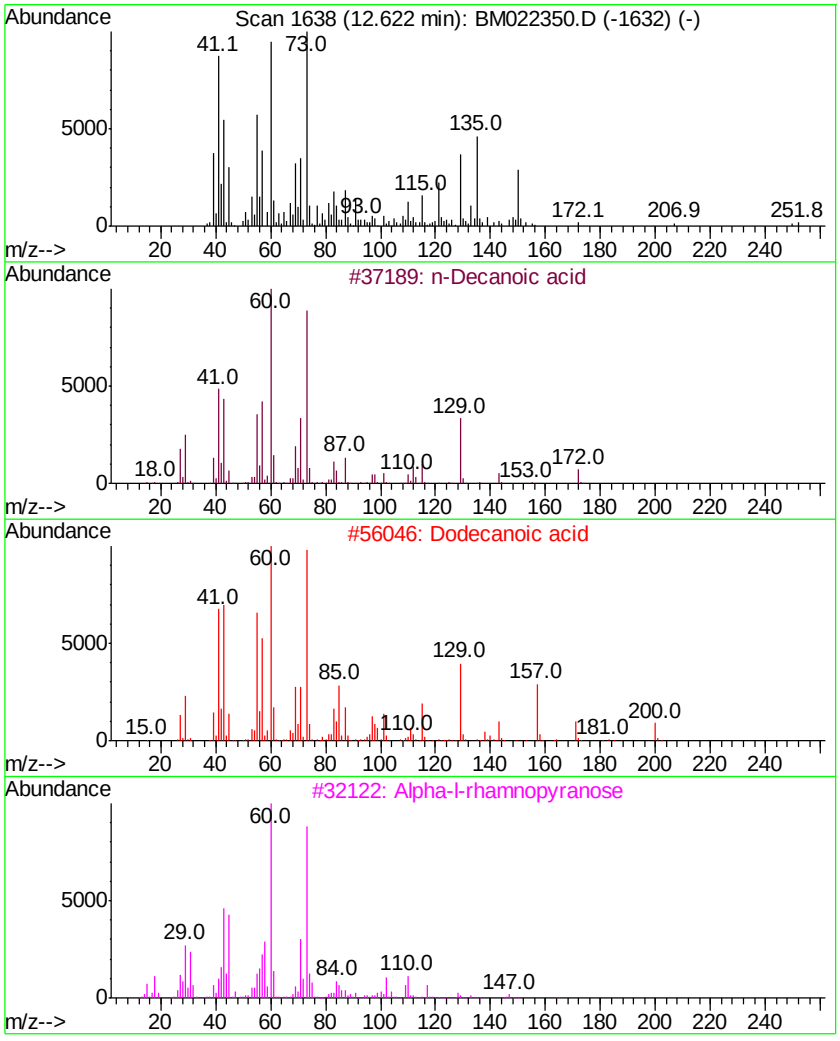
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

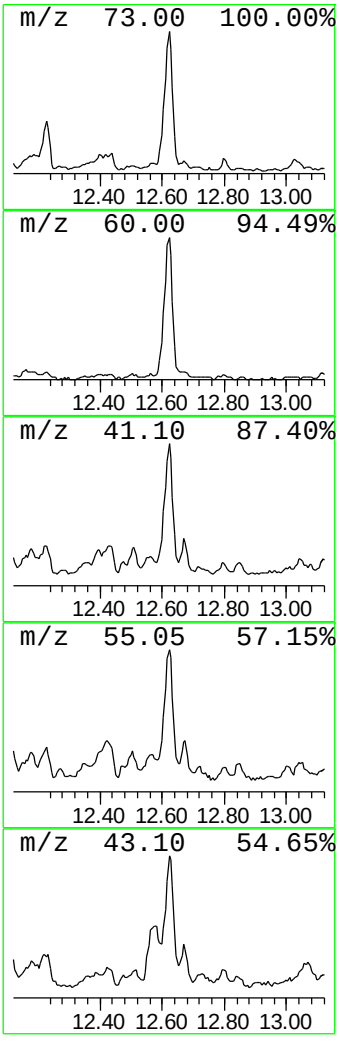
****

Peak Number 8 n-Decanoic acid Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	11.36 ng/ul	609138	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	58
2	Dodecanoic acid	200	C12H24O2	000143-07-7	50
3	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	43
4	n-Decanoic acid	172	C10H20O2	000334-48-5	40
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

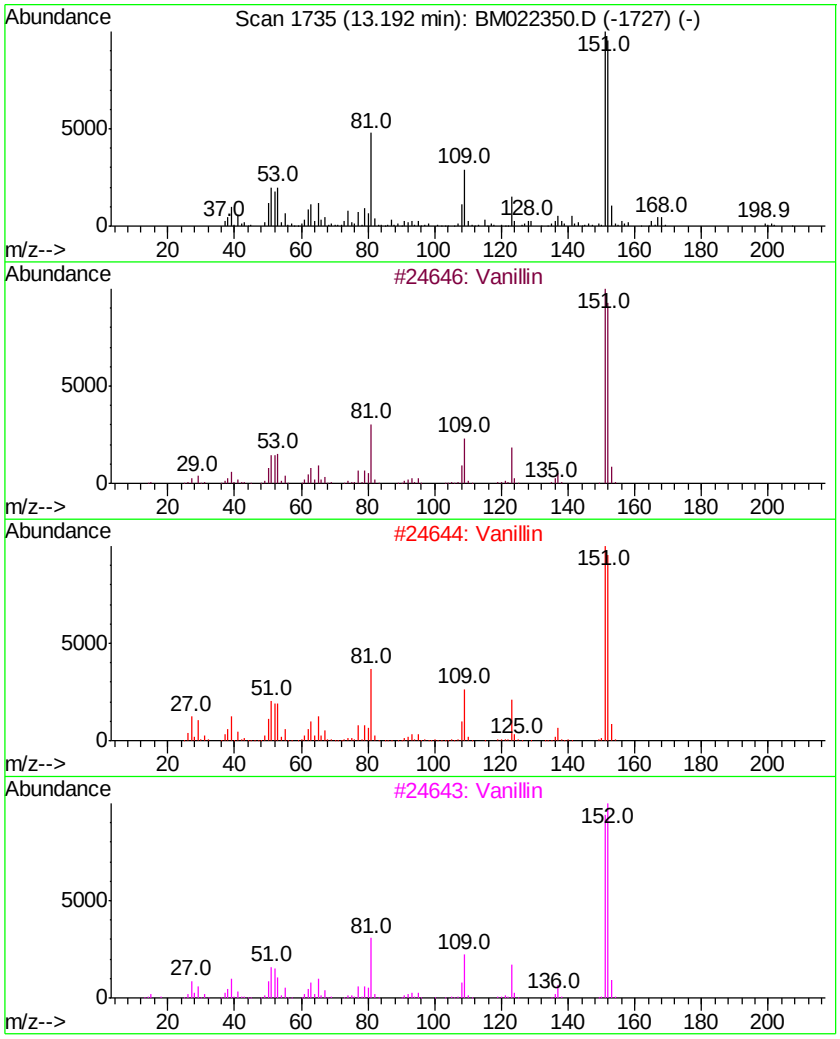
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

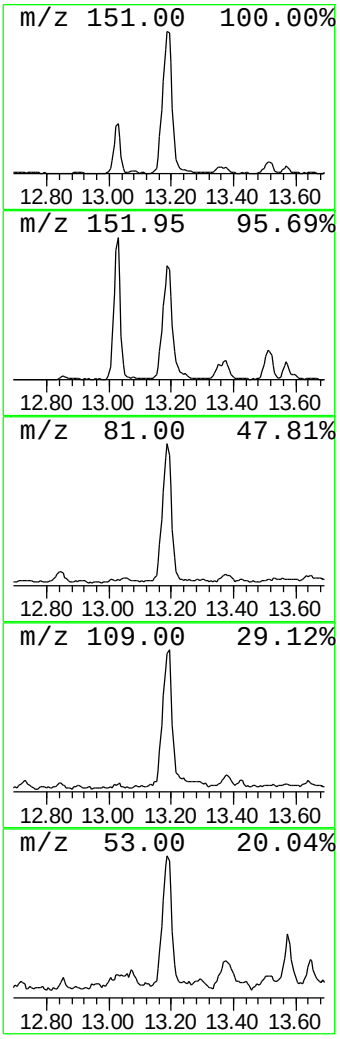
****

Peak Number 9 Vanillin Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	16.60 ng/ul	889959	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	96
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	93
5	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

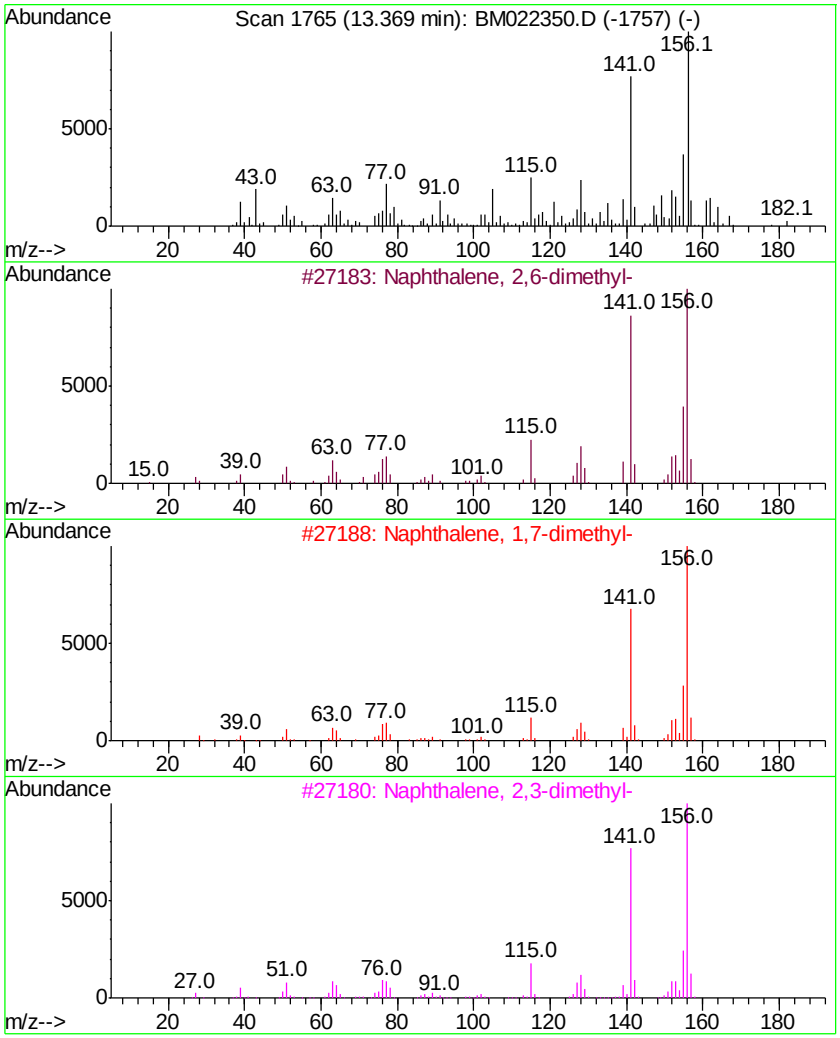
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

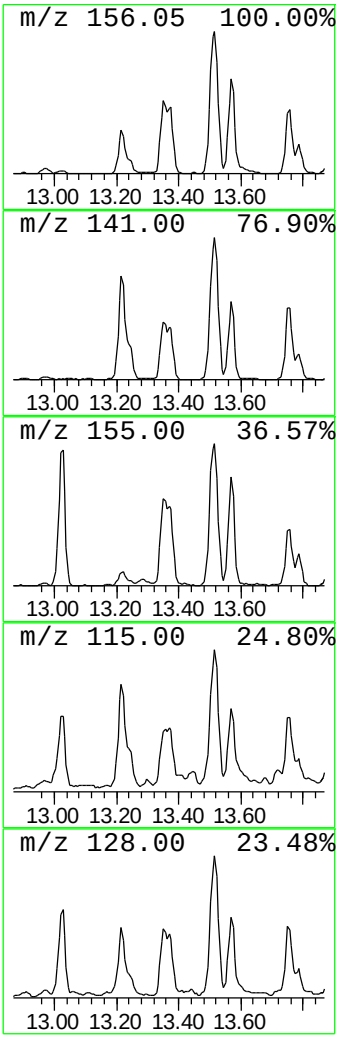
****

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	25.99 ng/ul	1393440	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

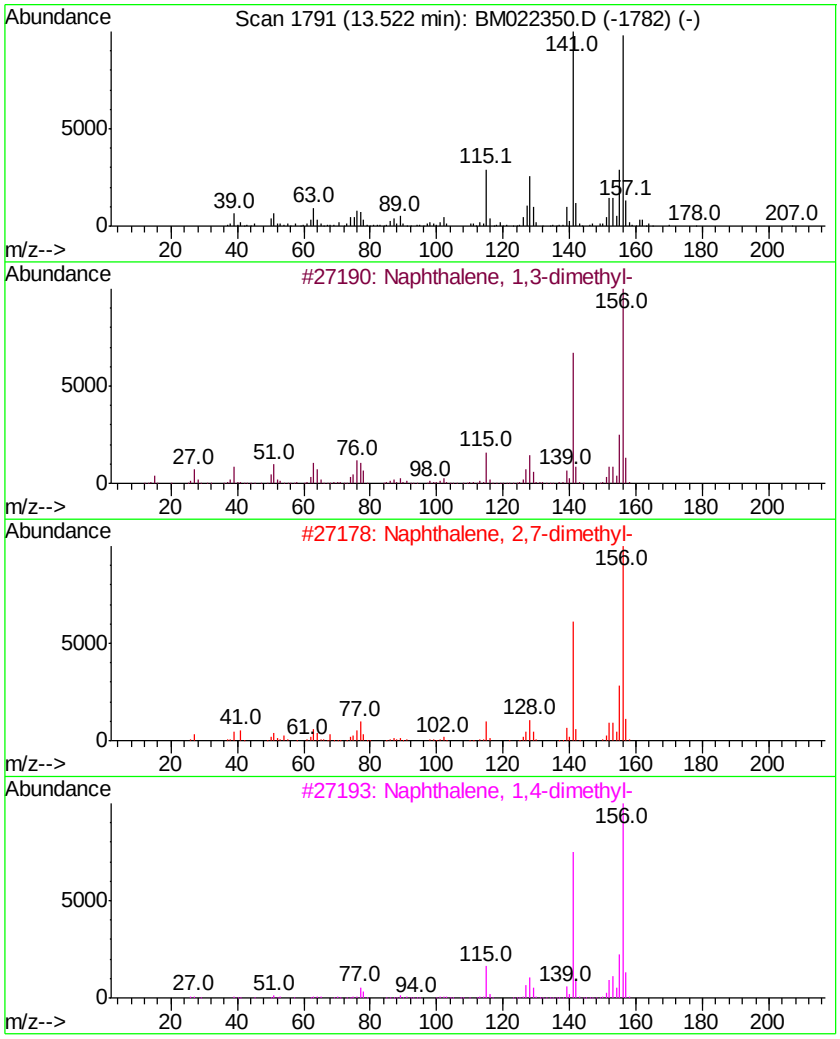
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

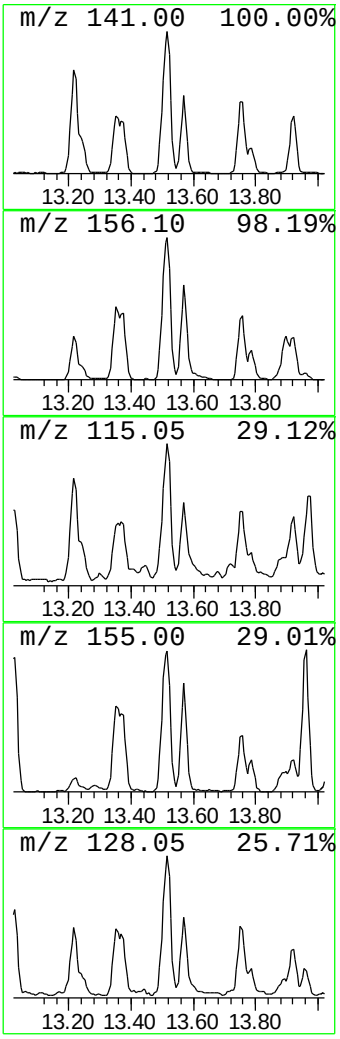
****

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	23.78 ng/ul	1274830	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

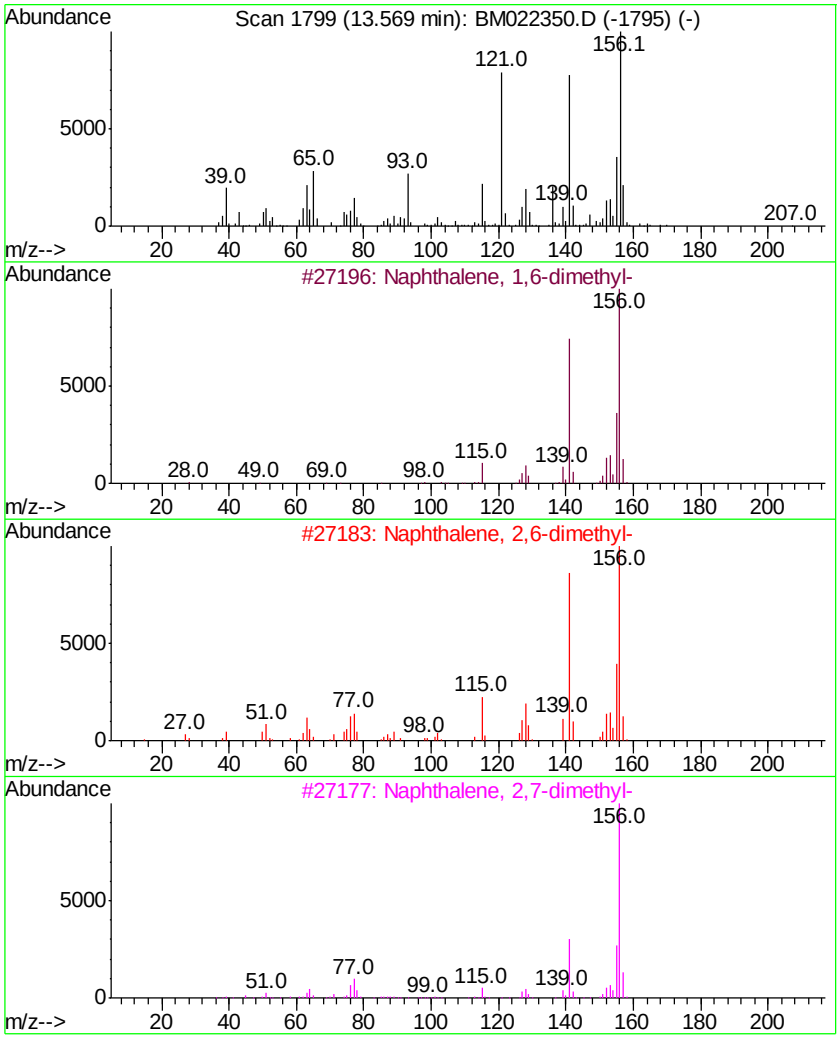
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

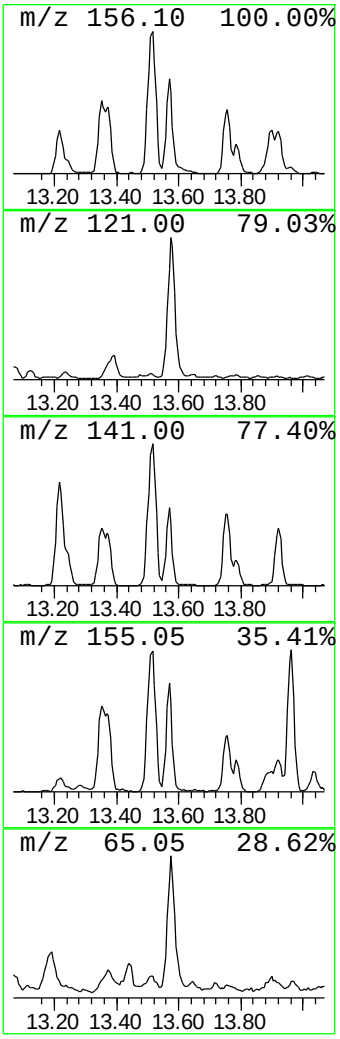
****

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	20.19 ng/ul	1082600	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

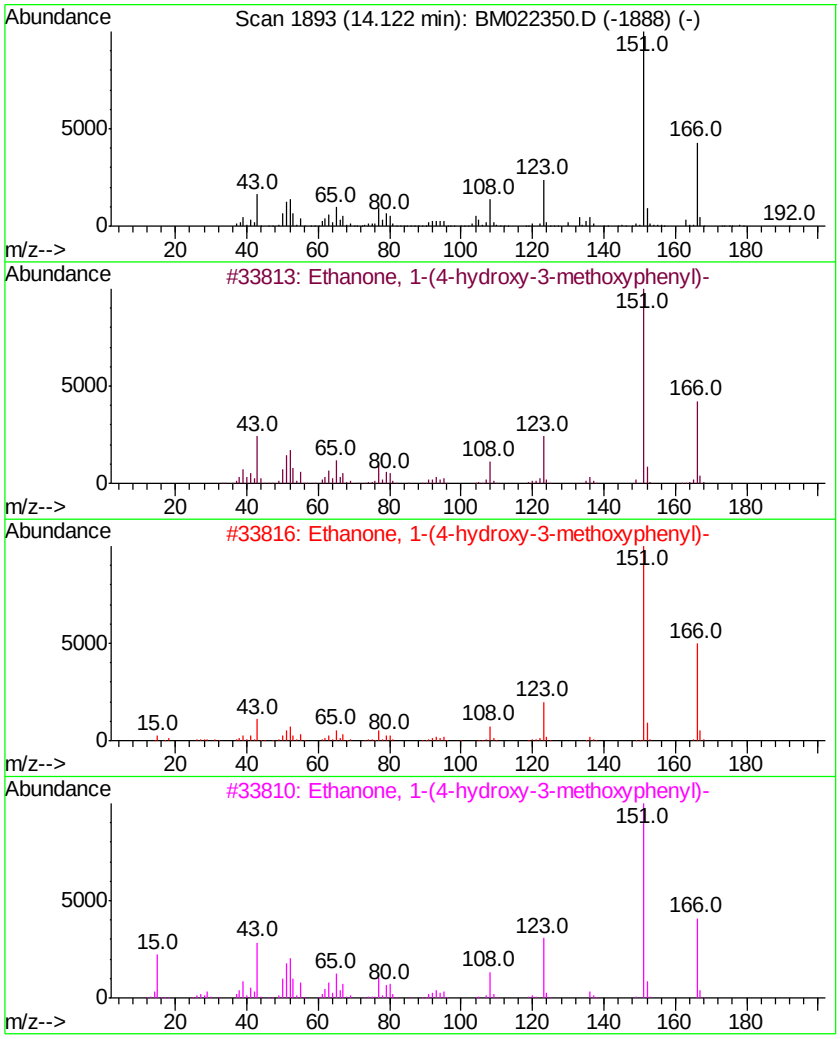
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

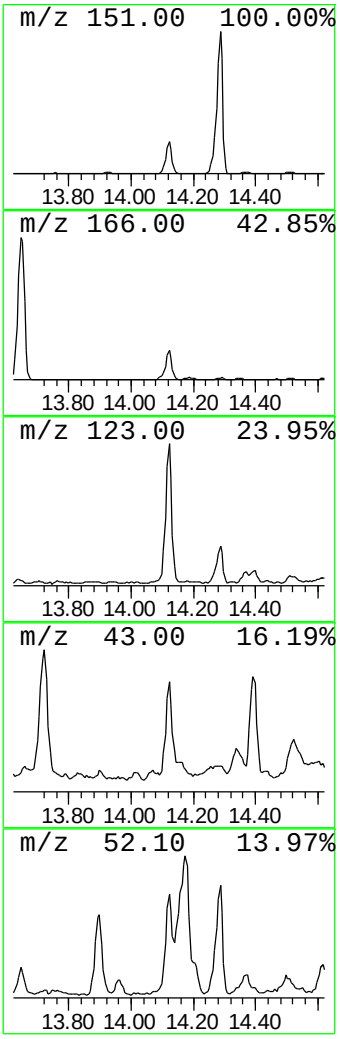
****

Peak Number 13 Ethanone, 1-(4-hydroxy-3-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	14.59 ng/ul	781942	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	96
2	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	93
3	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	91
4	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	81
5	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

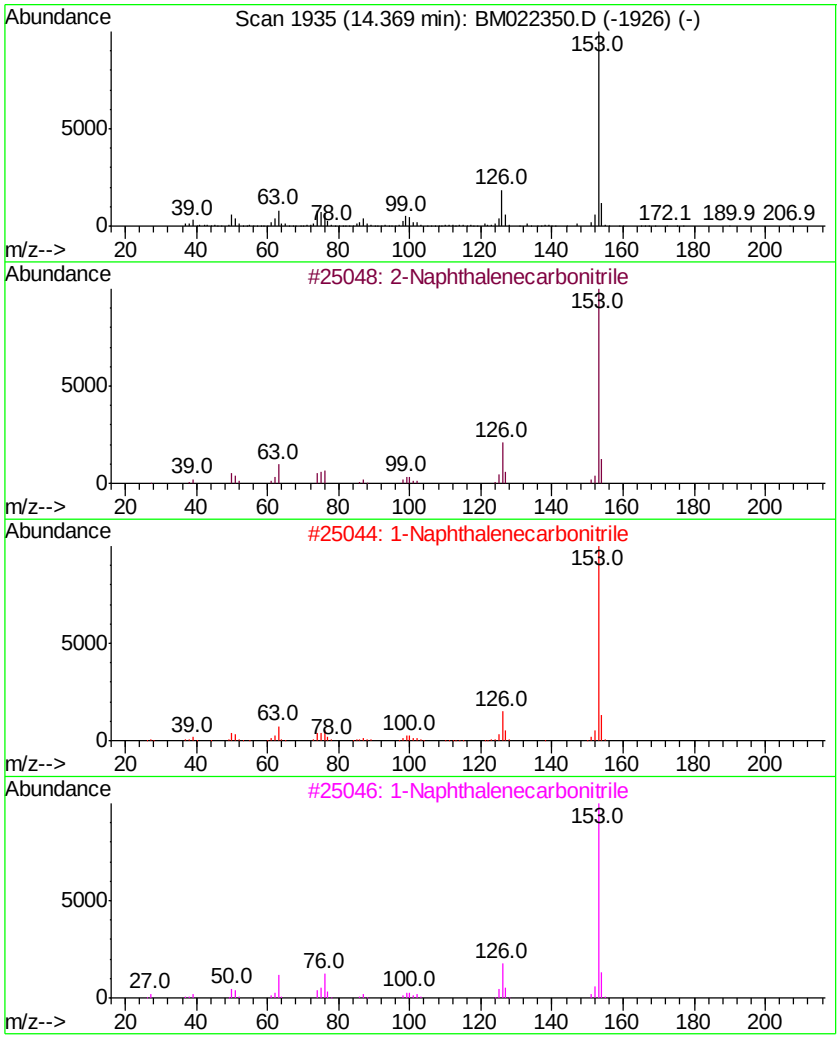
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

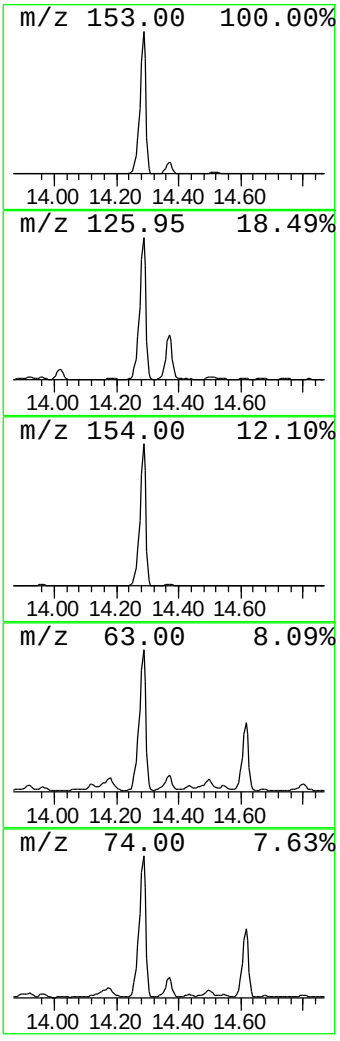
****

Peak Number 14 2-Naphthalenecarbonitrile Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	32.85 ng/ul	1760980	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

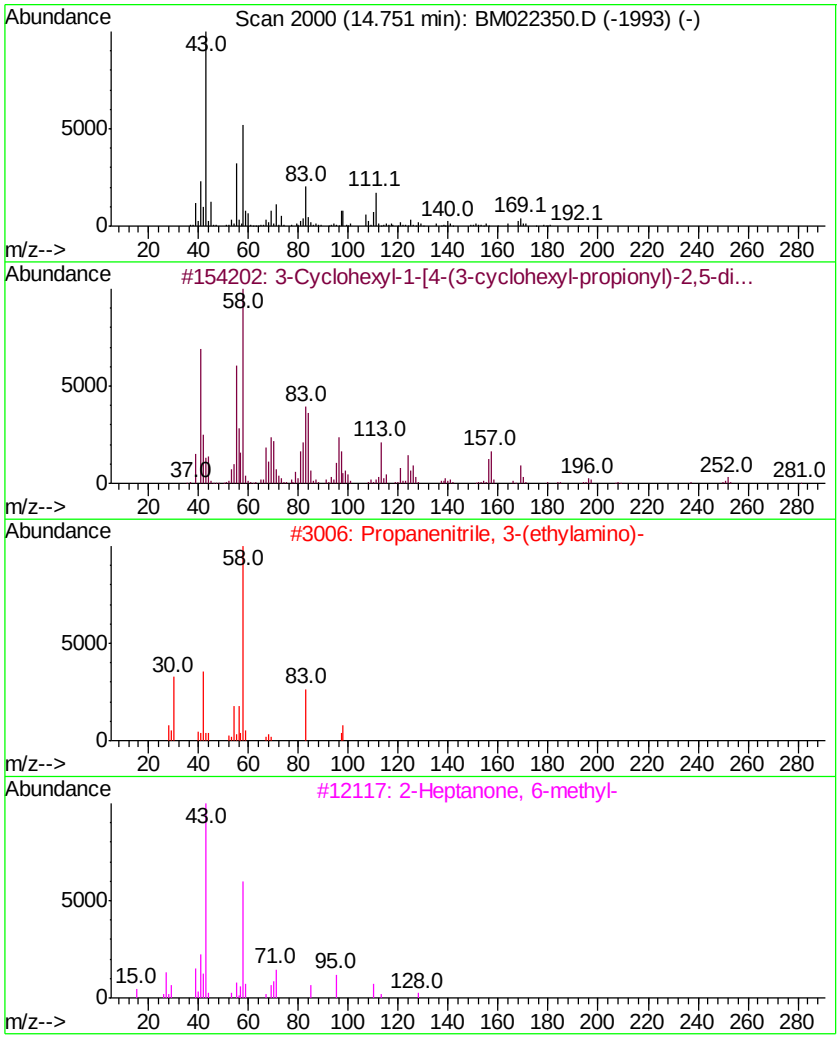
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

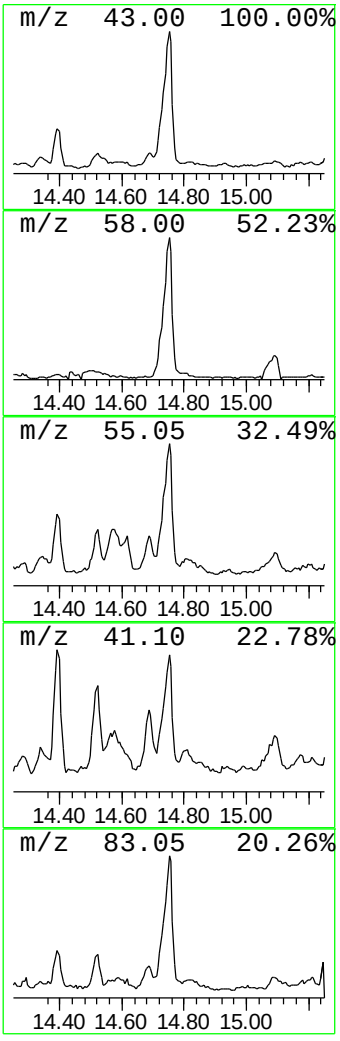
****

Peak Number 15 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	12.83 ng/ul	687873	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexyl-1-[4-(3-cyclohexyl-...	390	C24H42N2O2	1000276-04-5	45
2	Propanenitrile, 3-(ethylamino)-	98	C5H10N2	021539-47-9	40
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	30
4	1H-Imidazole-4-ethanamine, N,N,2...	153	C8H15N3	045967-45-1	27
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

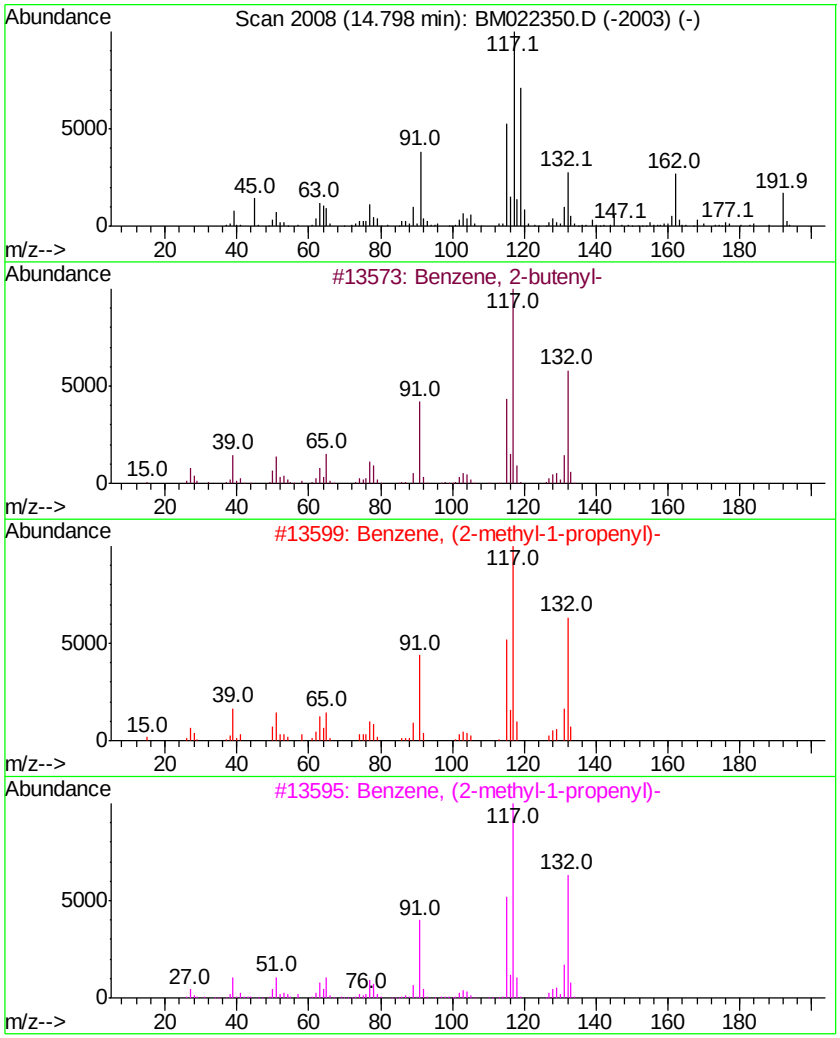
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

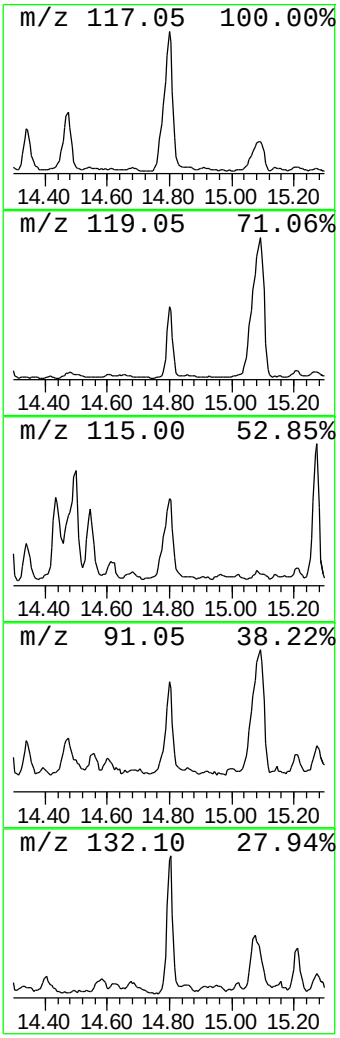
****

Peak Number 16 Benzene, 2-butenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	16.82 ng/ul	901861	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
5	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

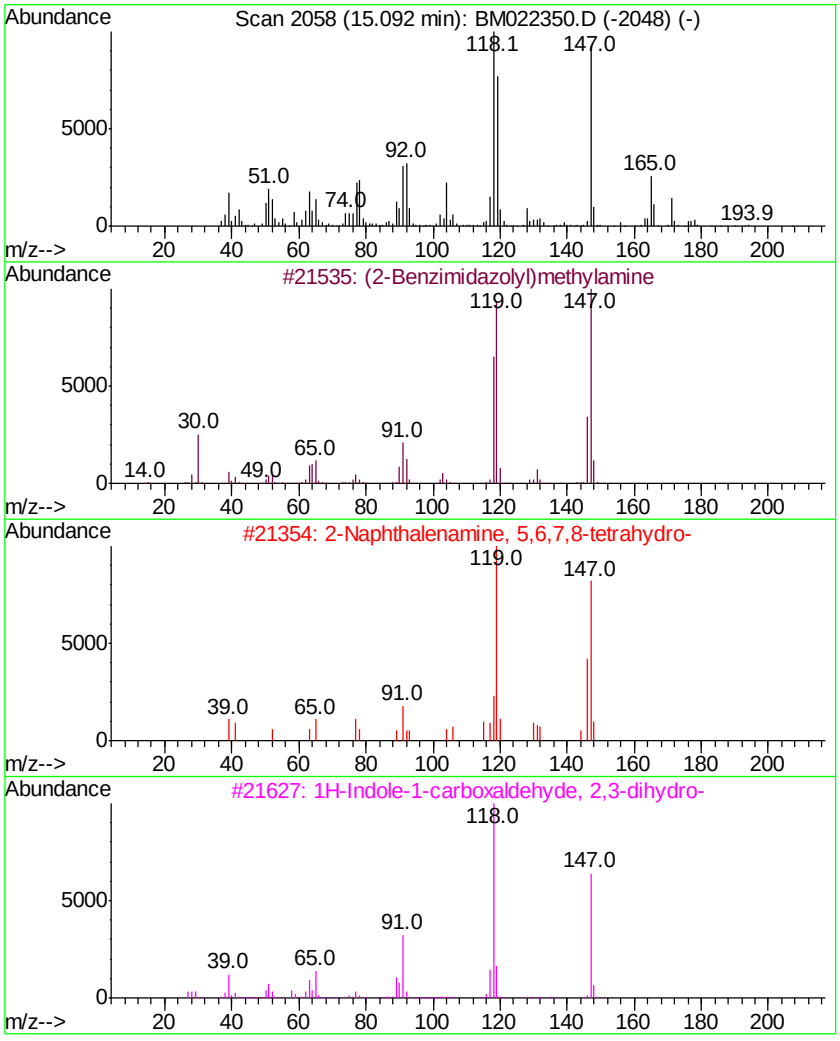
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

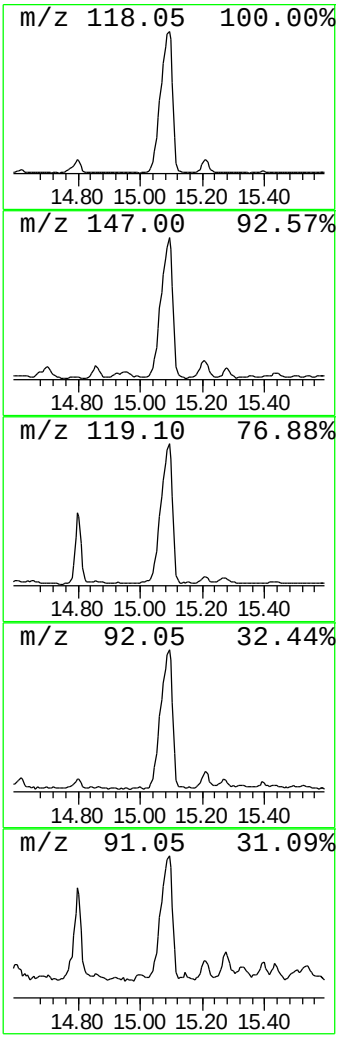
****

Peak Number 17 (2-Benzimidazolyl)methylamine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	41.68 ng/ul	2234530	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Benzimidazolyl)methylamine	147	C8H9N3	005805-57-2	55
2	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	53
3	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	50
4	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	50
5	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

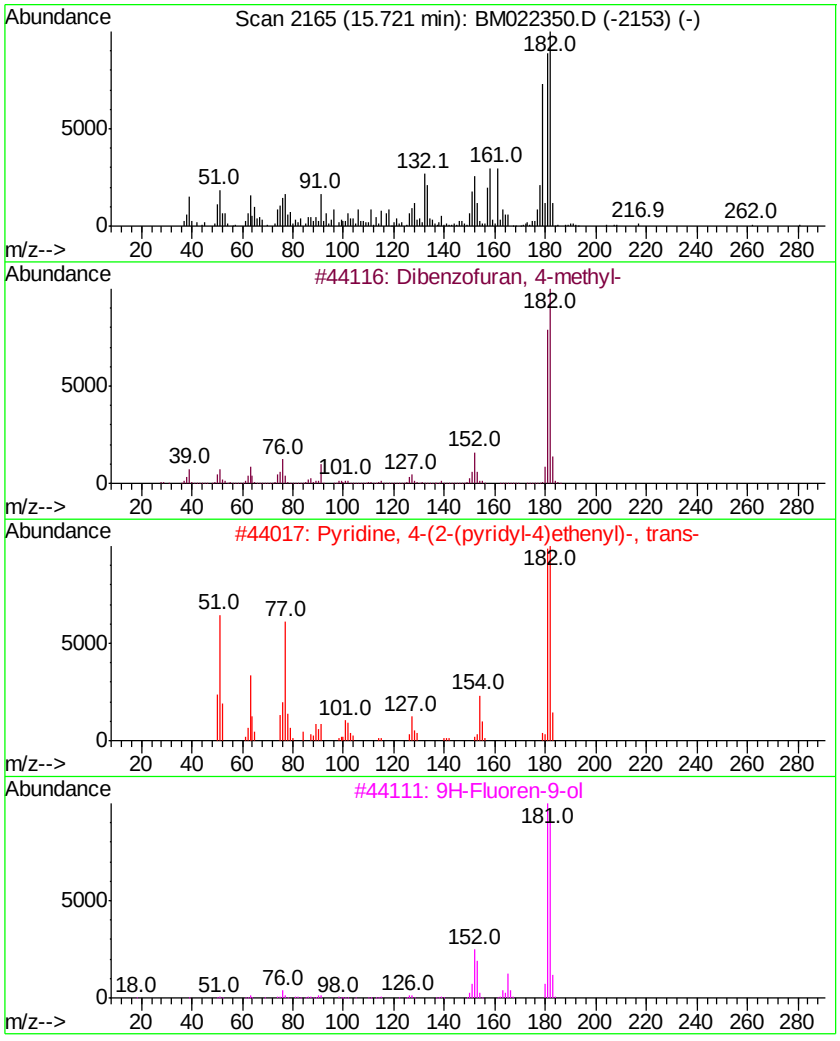
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

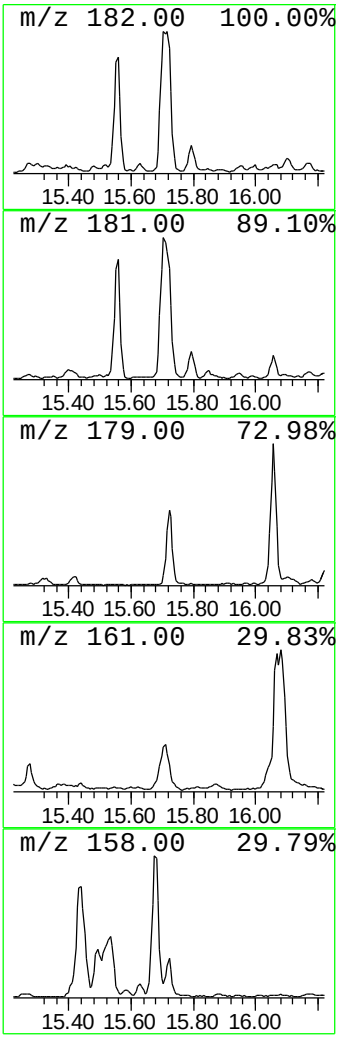
****

Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	14.44 ng/ul	1494420	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	Pyridine, 4-(2-(pyridyl-4)ethenyl...	182	C12H10N2	014802-41-6	50
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
4	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	45
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

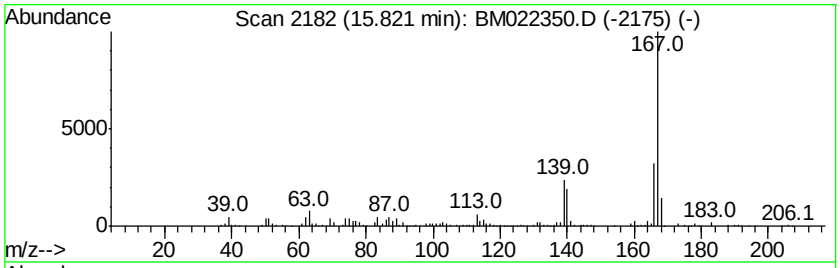
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

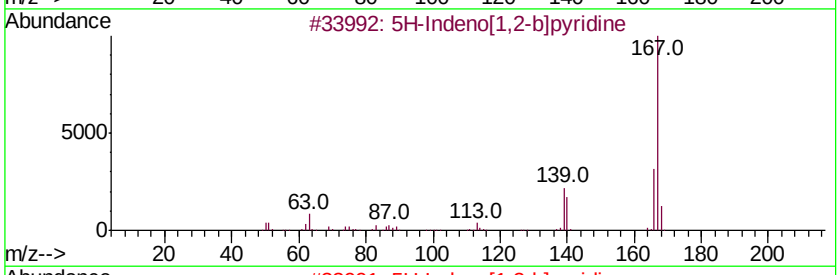
****

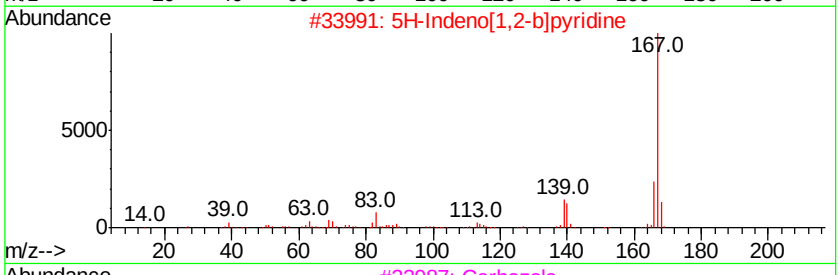
Peak Number 19 5H-Indeno[1,2-b]pyridine Concentration Rank 44

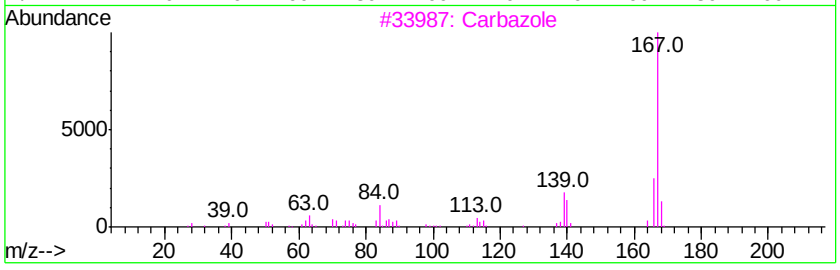
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.88 ng/ul	608530	Phenanthrene-d10	16.97

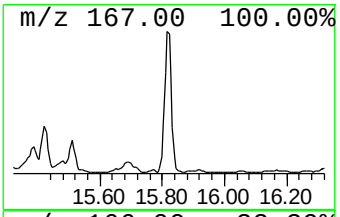
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
3	Carbazole	167	C12H9N	000086-74-8	91
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
5	Carbazole	167	C12H9N	000086-74-8	80

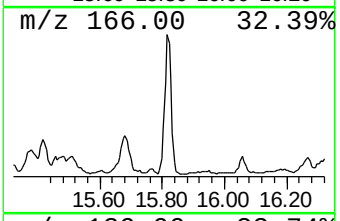


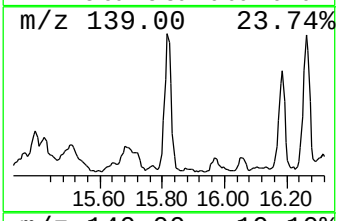


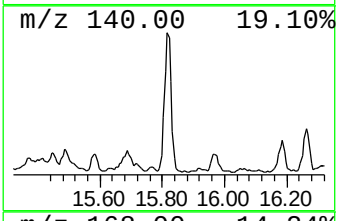


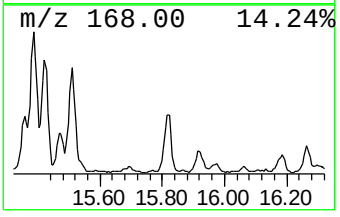












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

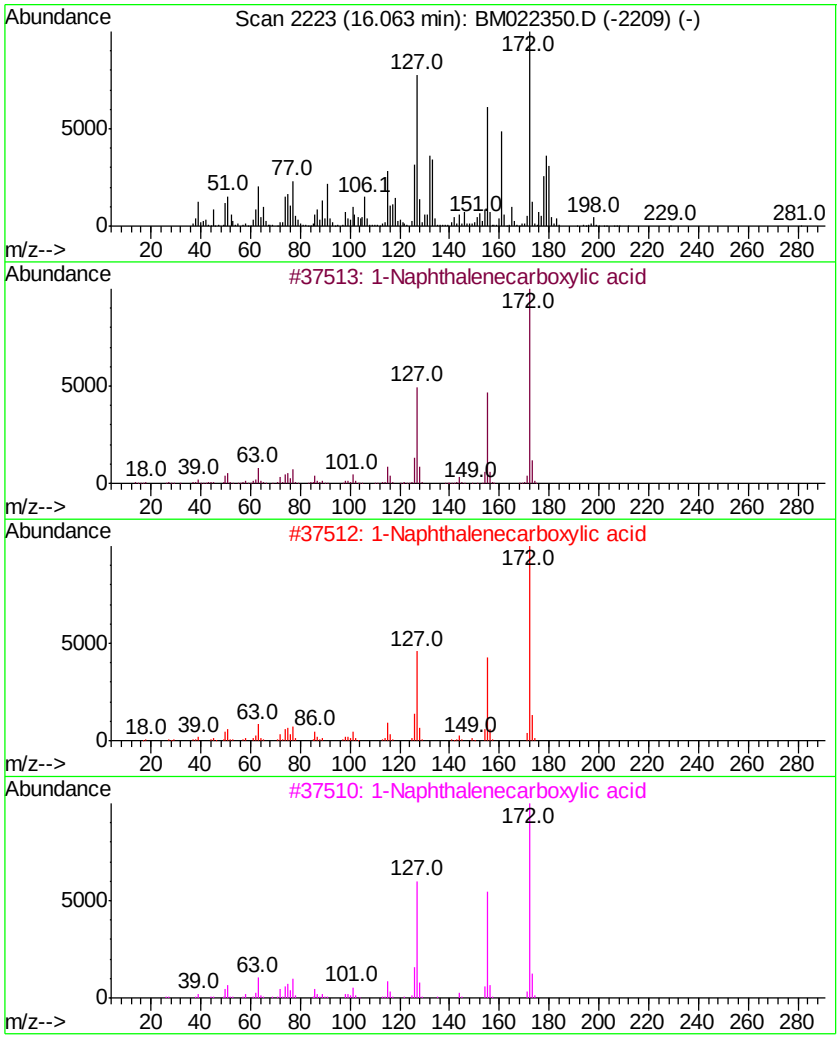
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

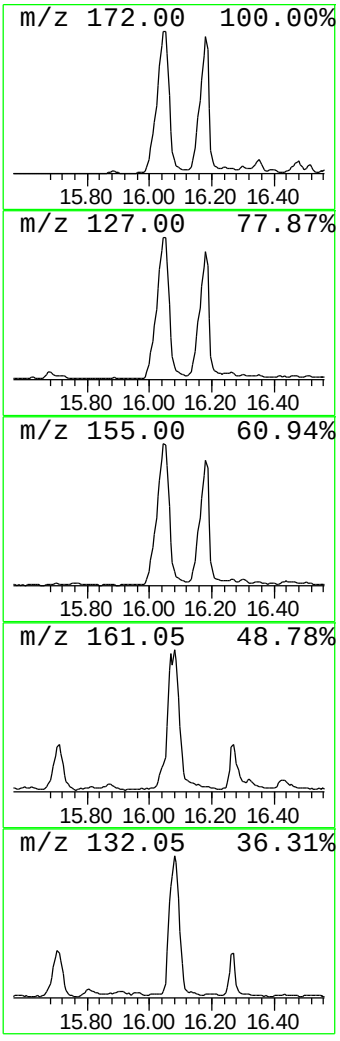
****

Peak Number 20 1-Naphthalenecarboxylic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	50.98 ng/ul	5275750	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	94
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	89
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	89
4	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	86
5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

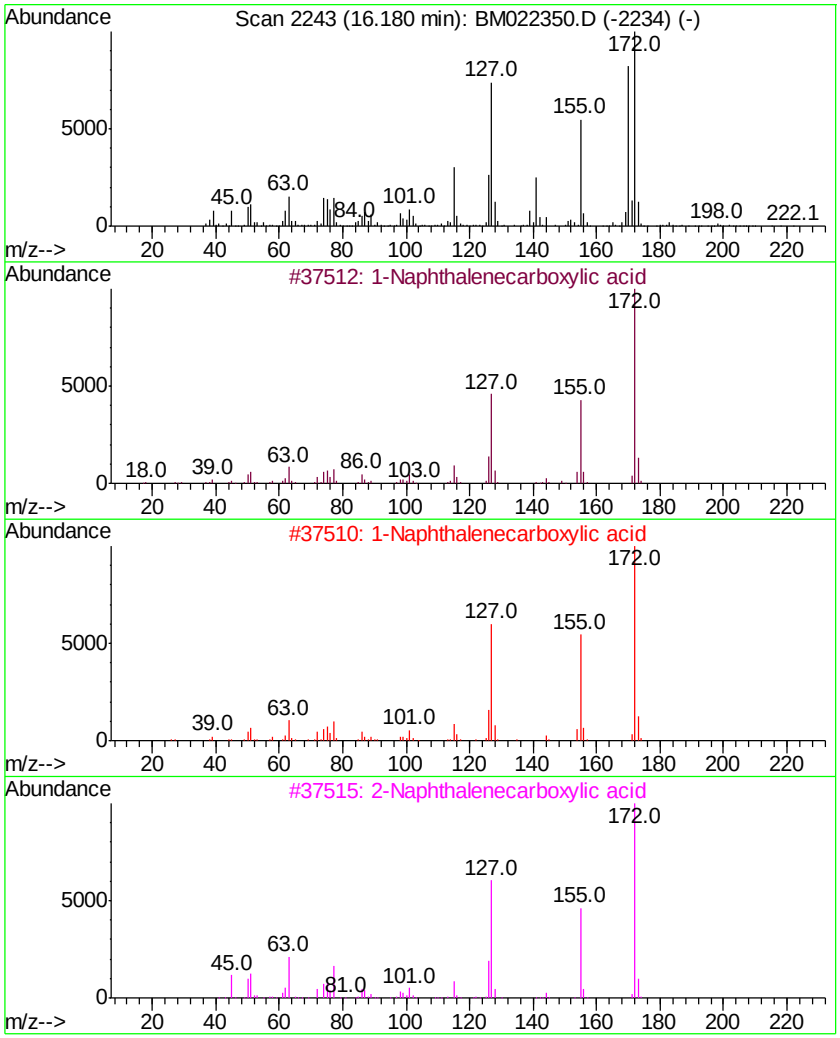
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

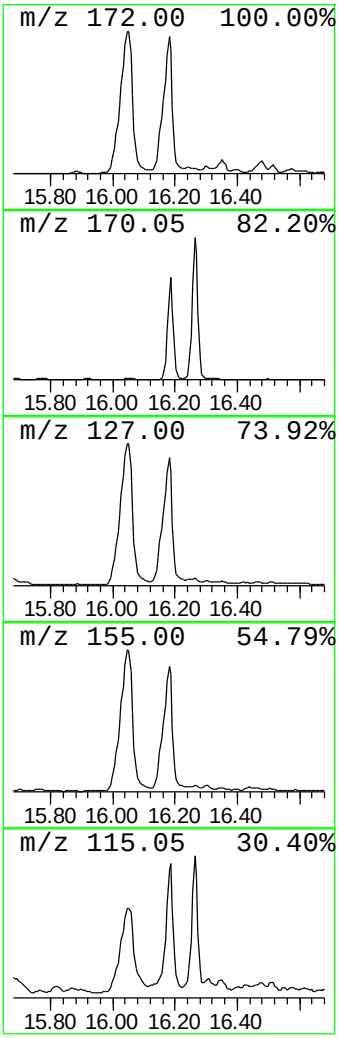
****

Peak Number 21 2-Naphthalenecarboxylic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	27.97 ng/ul	2894490	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	86
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	83
3	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	83
4	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	64
5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

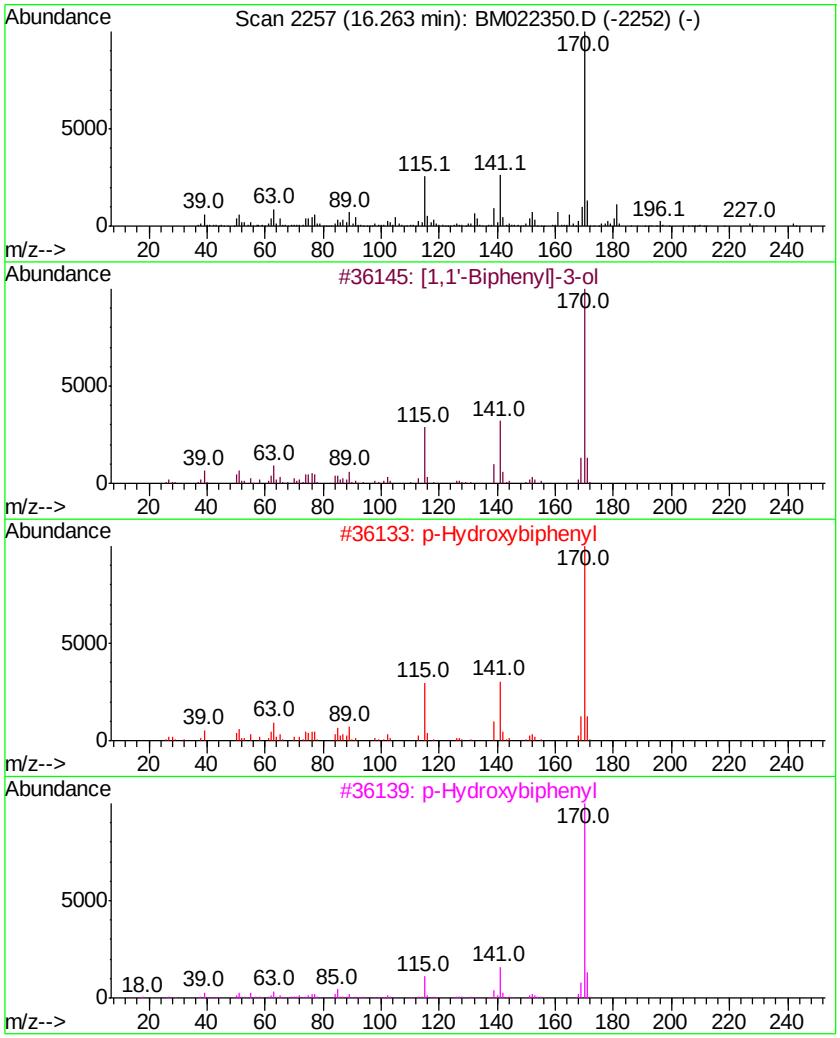
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

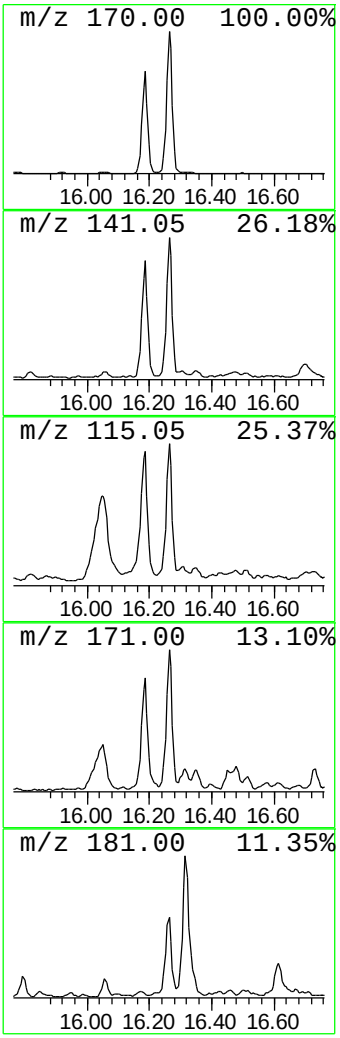
****

Peak Number 22 [1,1'-Biphenyl]-3-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	17.04 ng/ul	1762990	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	93
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
5	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

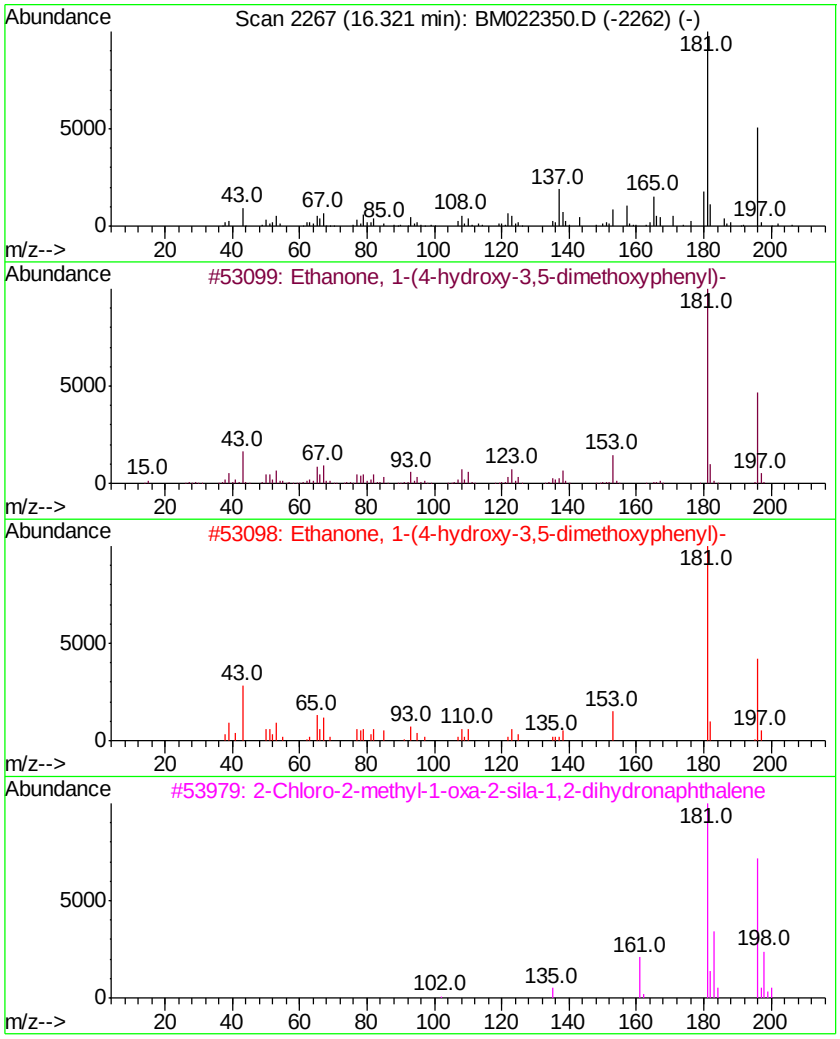
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

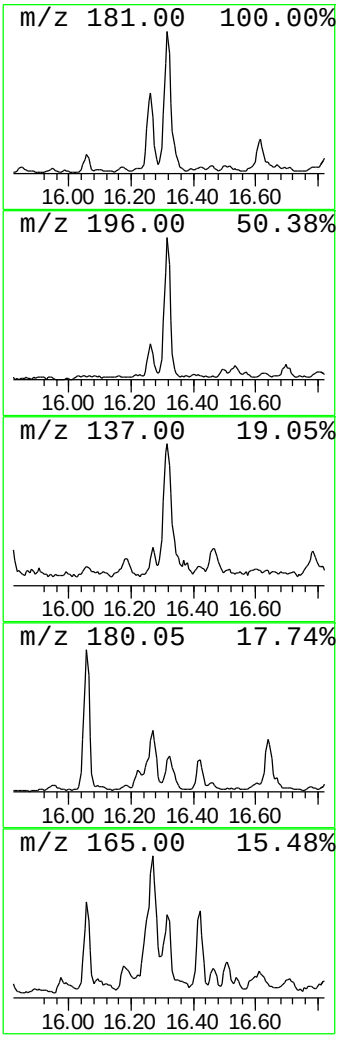
****

Peak Number 23 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	4.06 ng/ul	420631	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	96
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	70
3	2-Chloro-2-methyl-1-oxa-2-sila-1...	196	C9H9ClOSi	073060-34-1	53
4	Ethanone, 1-(2-hydroxy-4,6-dimet...	196	C10H12O4	000090-24-4	53
5	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

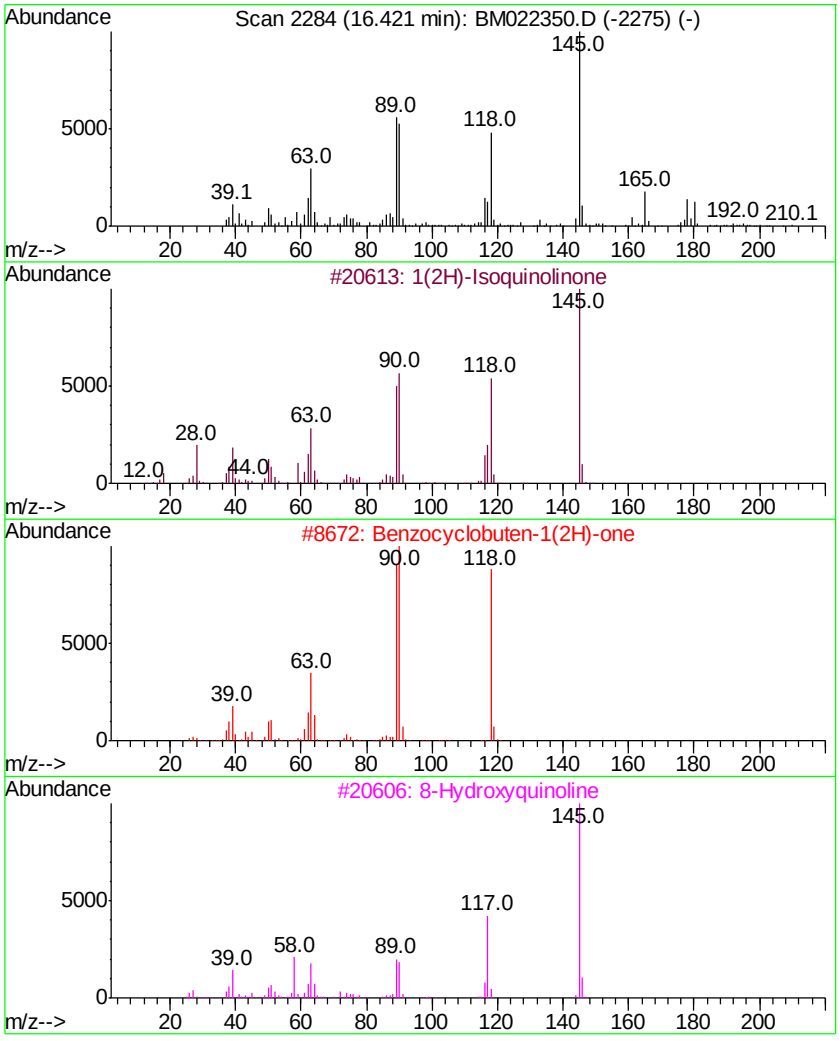
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

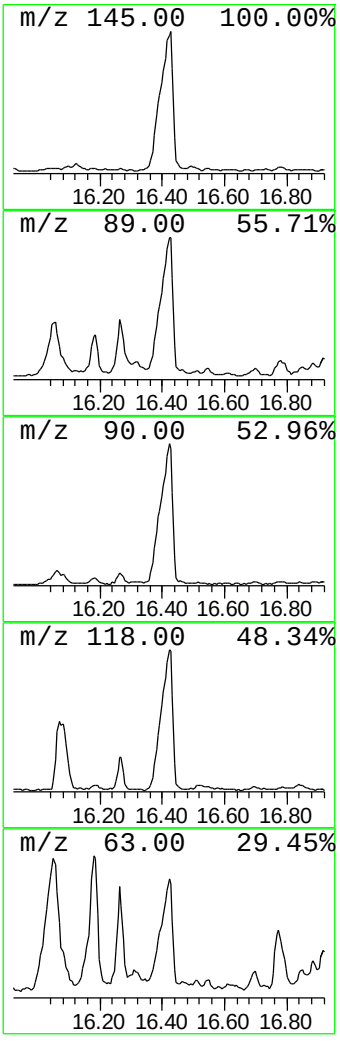
****

Peak Number 24 1(2H)-Isoquinolinone Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	11.98 ng/ul	1239790	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	93
2	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	90
3	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	76
4	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	68
5	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

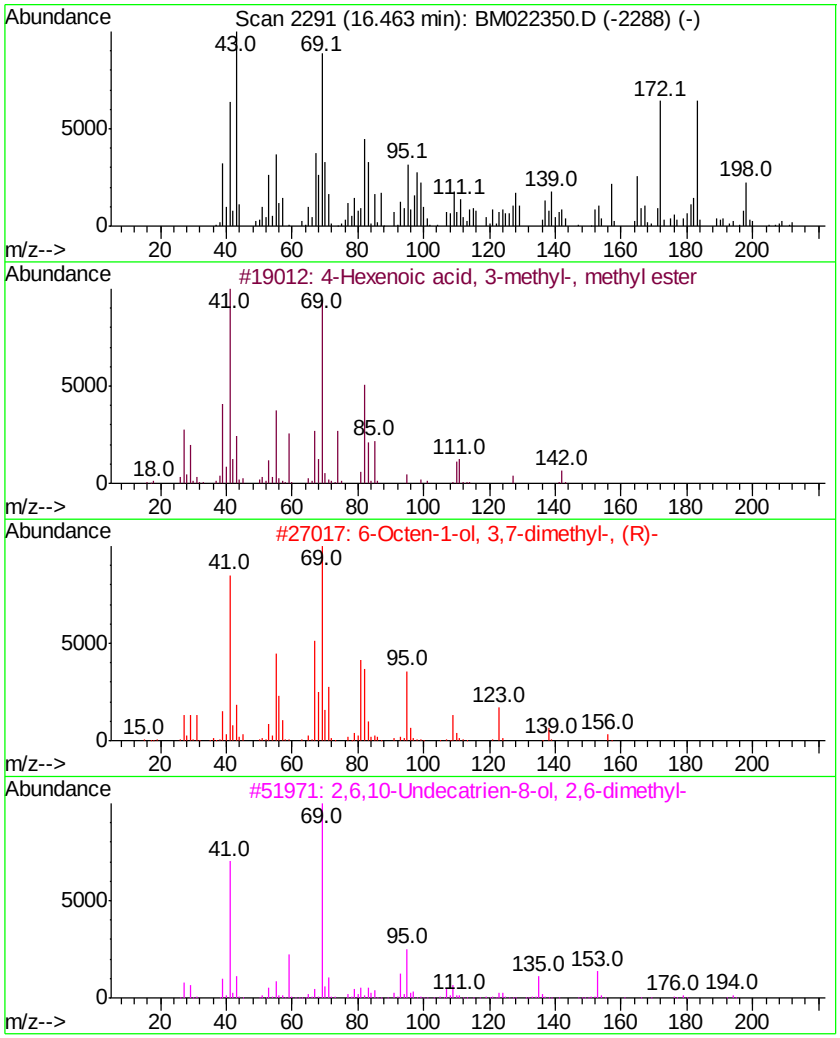
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

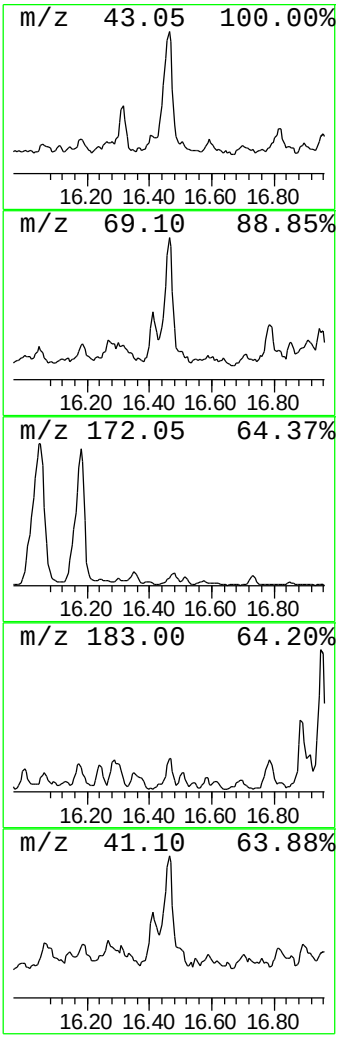
****

Peak Number 25 unknown-03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.58 ng/ul	370488	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexenoic acid, 3-methyl-, meth...	142	C8H14O2	054004-27-2	30
2	6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	27
3	2,6,10-Undecatrien-8-ol, 2,6-dim...	194	C13H22O	1000163-48-4	18
4	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	18
5	2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

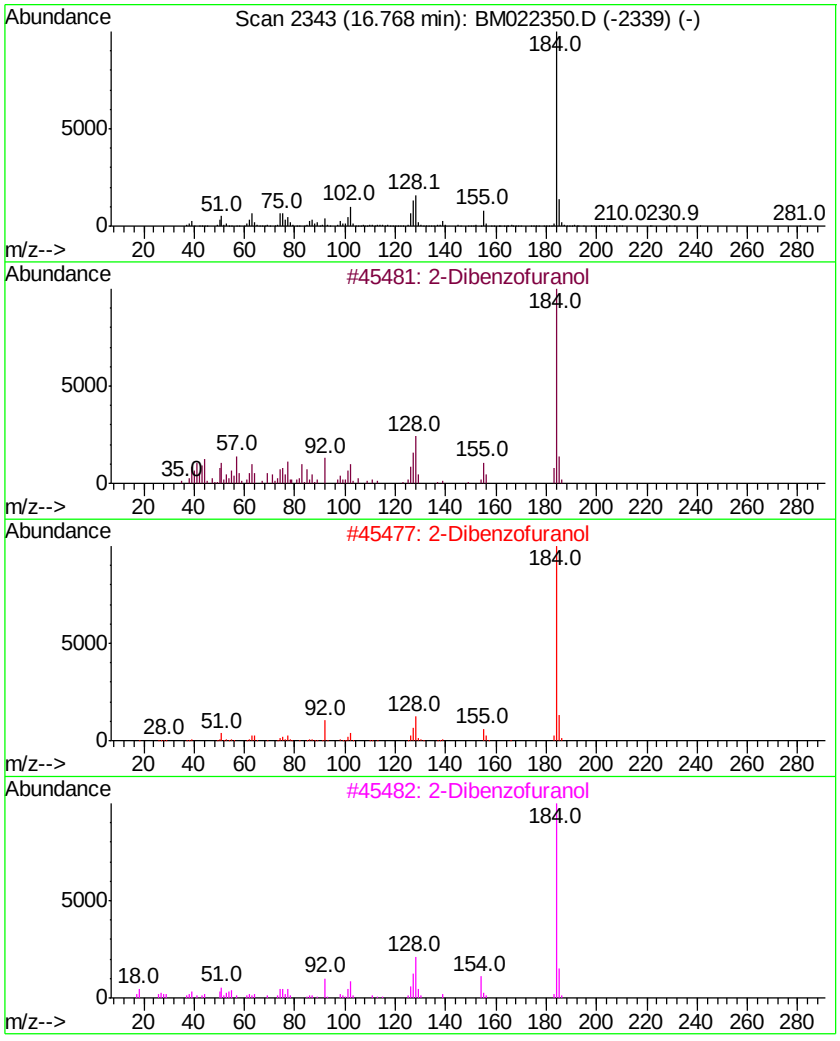
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

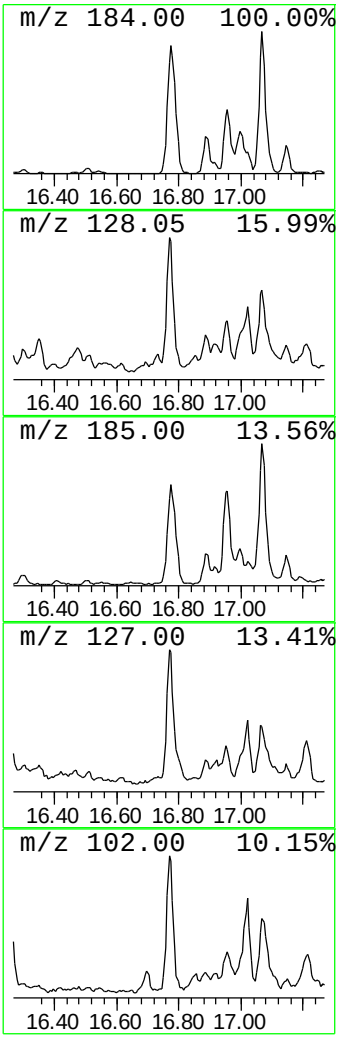
****

Peak Number 26 2-Dibenzofuranol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	15.21 ng/ul	1574500	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	86
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	83
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	80
5	Dibenzothiophene	184	C12H8S	000132-65-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

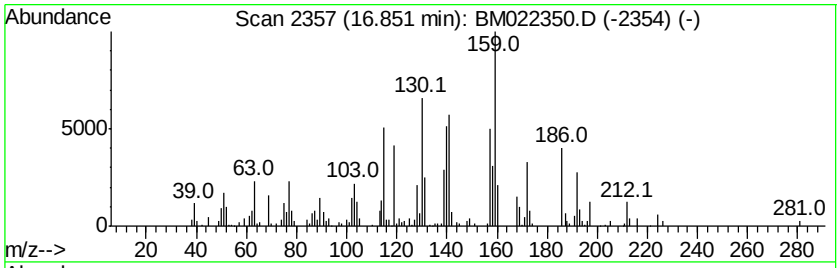
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

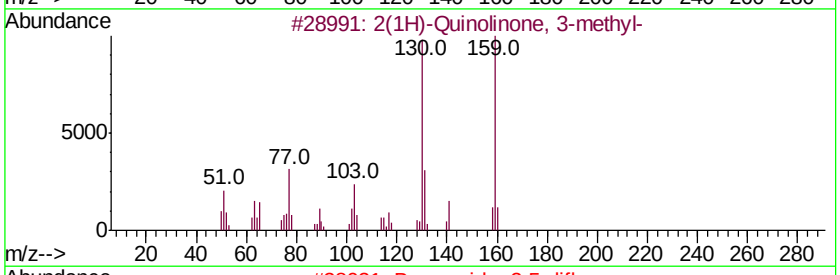
****

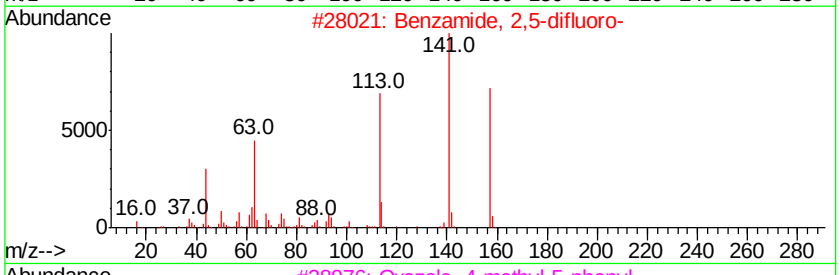
Peak Number 27 unknown-04 Concentration Rank 45

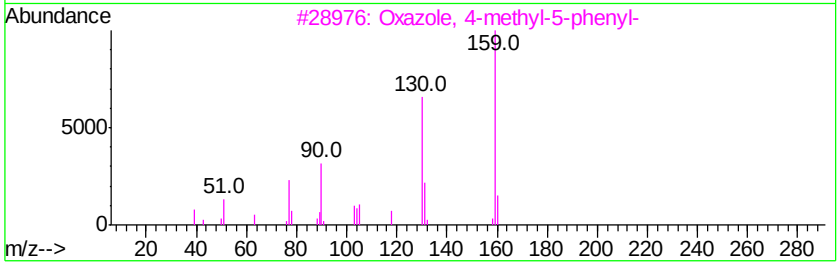
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	4.27 ng/ul	442158	Phenanthrene-d10	16.97

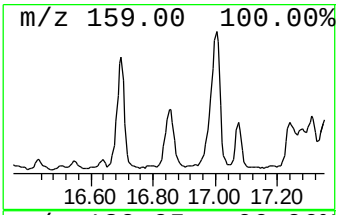
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	38
2	Benzamide, 2,5-difluoro-	157	C7H5F2NO	085118-03-2	25
3	Oxazole, 4-methyl-5-phenyl-	159	C10H9NO	001008-29-3	20
4	3-Methoxy-thiophene-2-carboxamide	157	C6H7NO2S	078031-17-1	18
5	Oxazole, 4-methyl-2-phenyl-	159	C10H9NO	000877-39-4	18

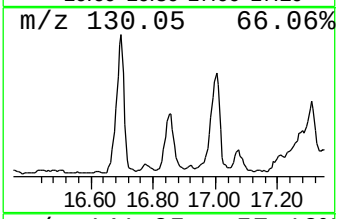


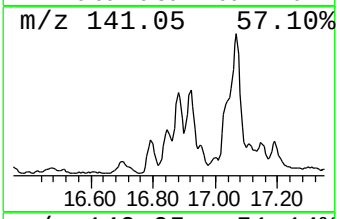


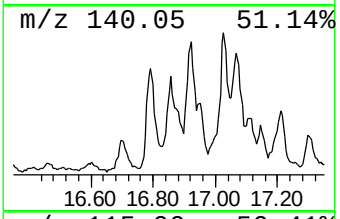


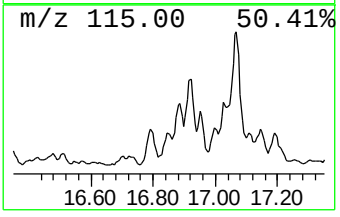












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

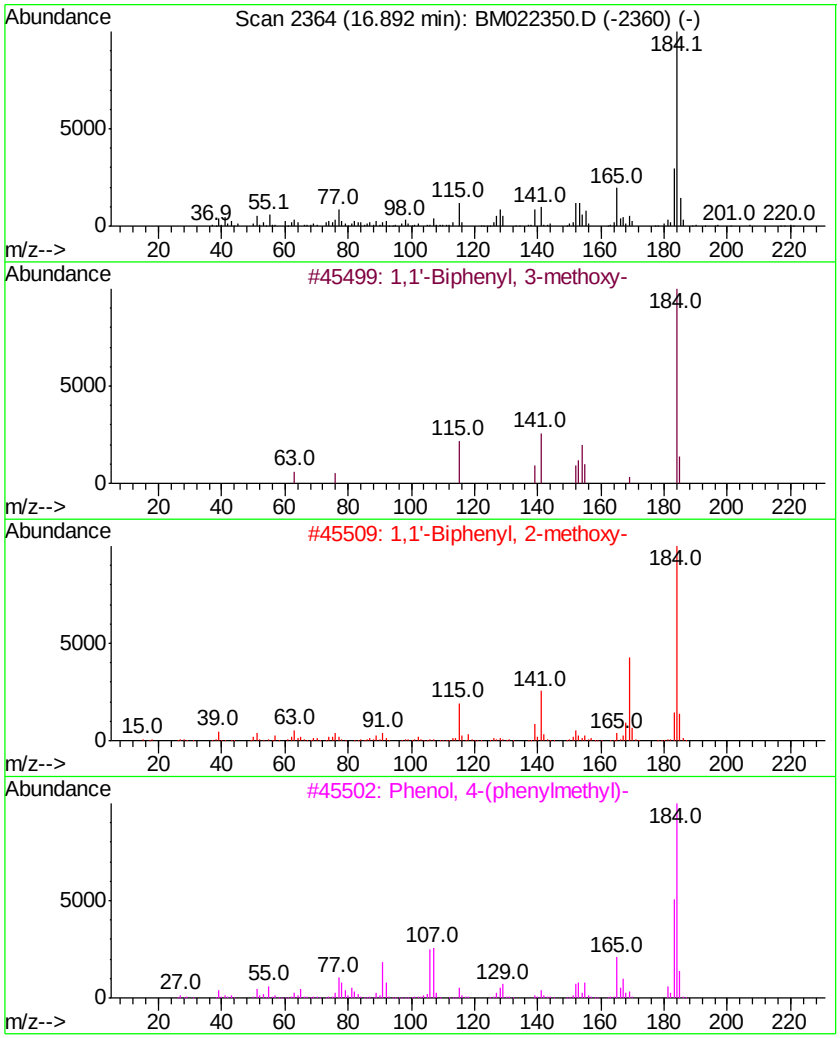
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

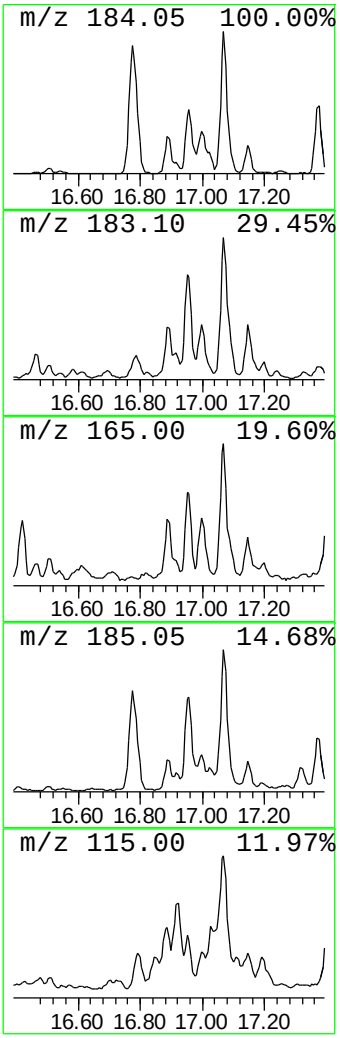
****

Peak Number 28 1,1'-Biphenyl, 3-methoxy- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	7.06 ng/ul	731023	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methoxy-	184	C13H12O	002113-56-6	70
2	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	62
3	Phenol, 4-(phenylmethyl)-	184	C13H12O	000101-53-1	58
4	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	58
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

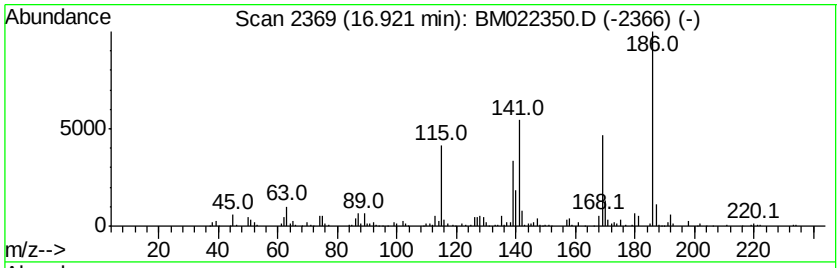
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

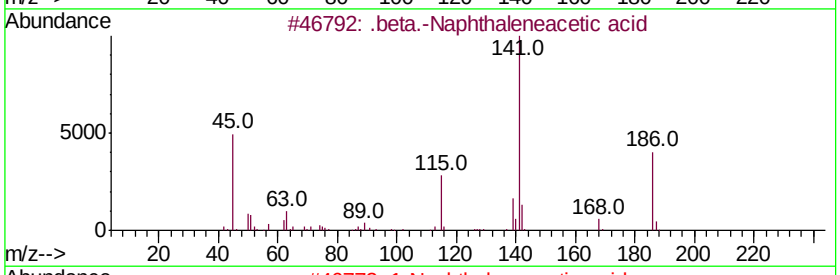
****

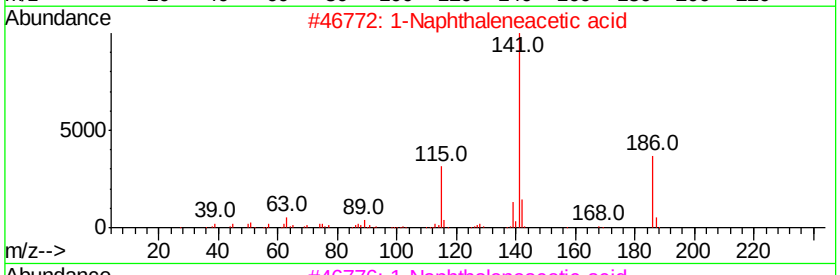
Peak Number 29 unknown-05 Concentration Rank 41

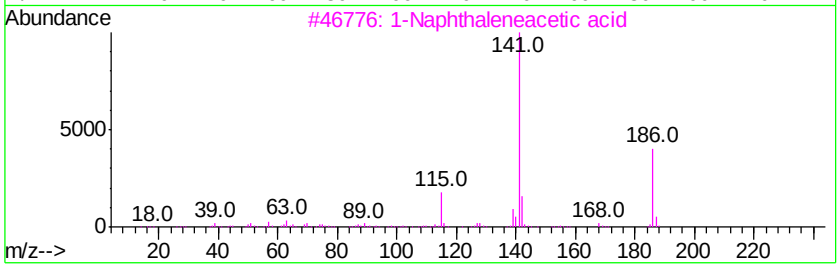
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	7.40 ng/ul	765510	Phenanthrene-d10	16.97

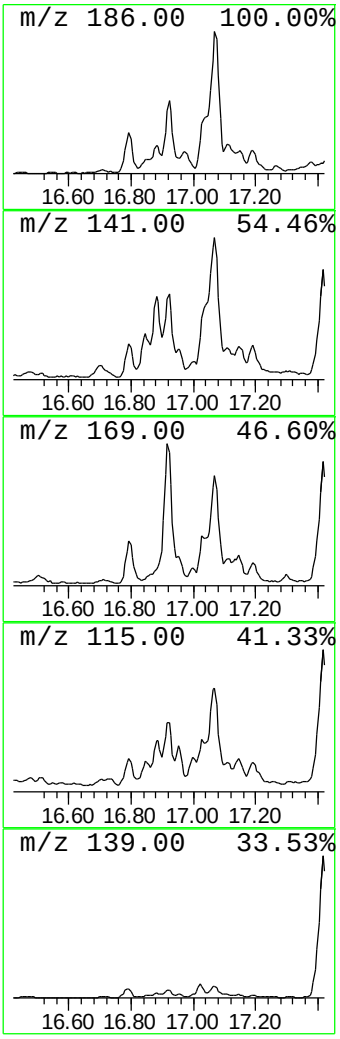
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	47
2	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	46
3	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	43
4	5-Amino-2-cyanobenzotrifluoride	186	C8H5F3N2	000654-70-6	35
5	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	35











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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

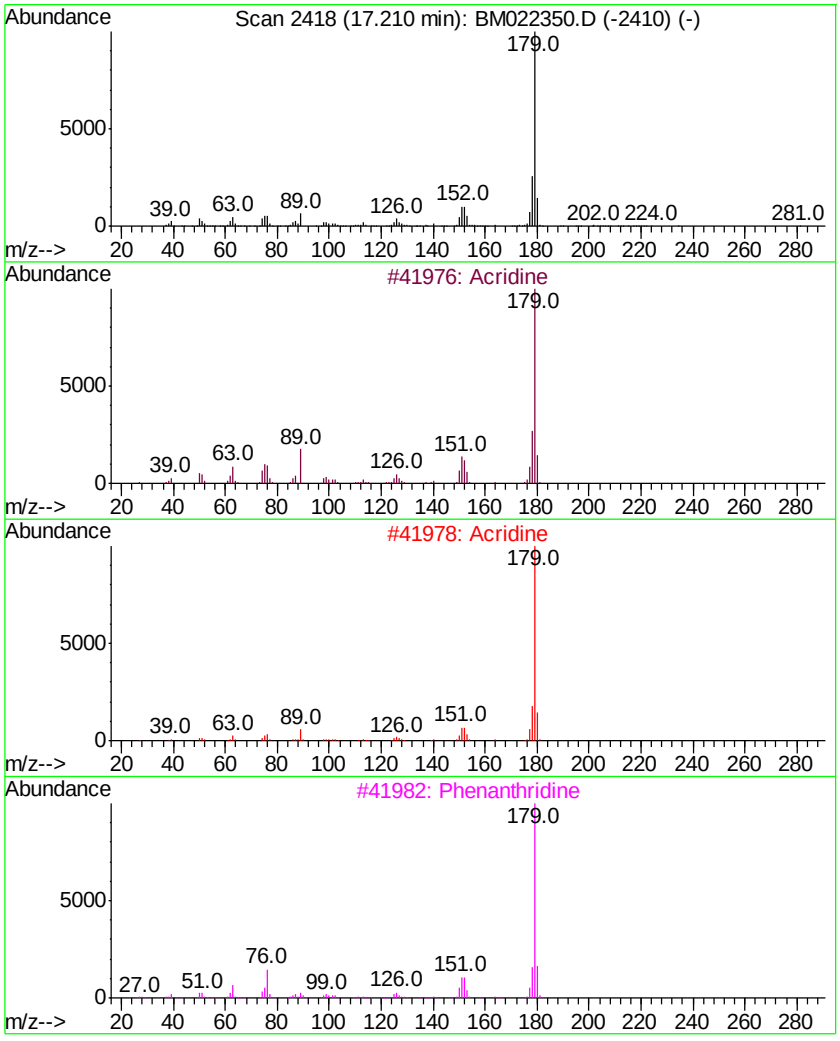
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

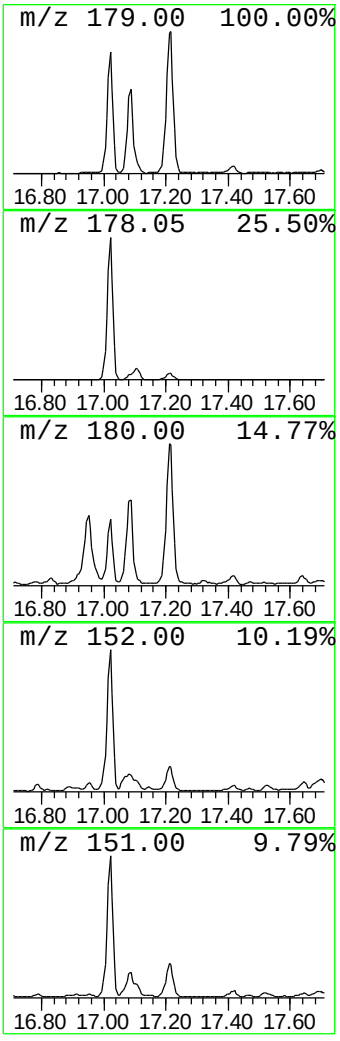
****

Peak Number 30 Acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	24.13 ng/ul	2497310	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Acridine	179	C13H9N	000260-94-6	95
3	Phenanthridine	179	C13H9N	000229-87-8	93
4	Phenanthridine	179	C13H9N	000229-87-8	93
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K4395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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	3.56	36.6	ng/ul	659128	1	7.55	360038	20.0
Formic acid hydra...	4.96	292.5	ng/ul	5265610	1	7.55	360038	20.0
Butanoic acid, 2-...	5.31	185.1	ng/ul	3332410	1	7.55	360038	20.0
Pentanoic acid	5.49	22.3	ng/ul	401632	1	7.55	360038	20.0
Indane	7.90	177.9	ng/ul	3202130	1	7.55	360038	20.0
Benzene, 1-propynyl-	8.07	47.7	ng/ul	859275	1	7.55	360038	20.0
Benzylmalonic acid	12.43	134.8	ng/ul	7229150	3	14.20	1072170	20.0
n-Decanoic acid	12.62	11.4	ng/ul	609138	3	14.20	1072170	20.0
Vanillin	13.19	16.6	ng/ul	889959	3	14.20	1072170	20.0
Naphthalene, 2,6-...	13.37	26.0	ng/ul	1393440	3	14.20	1072170	20.0
Naphthalene, 1,3-...	13.52	23.8	ng/ul	1274830	3	14.20	1072170	20.0
Naphthalene, 1,6-...	13.57	20.2	ng/ul	1082600	3	14.20	1072170	20.0
Ethanone, 1-(4-hy...	14.12	14.6	ng/ul	781942	3	14.20	1072170	20.0
2-Naphthalenecarb...	14.37	32.9	ng/ul	1760980	3	14.20	1072170	20.0
unknown-02	14.75	12.8	ng/ul	687873	3	14.20	1072170	20.0
Benzene, 2-butenyl-	14.80	16.8	ng/ul	901861	3	14.20	1072170	20.0
(2-Benzimidazolyl...	15.09	41.7	ng/ul	2234530	3	14.20	1072170	20.0
Dibenzofuran, 4-m...	15.72	14.4	ng/ul	1494420	4	16.97	2069750	20.0
5H-Indeno[1,2-b]p...	15.82	5.9	ng/ul	608530	4	16.97	2069750	20.0
1-Naphthalenecarb...	16.06	51.0	ng/ul	5275750	4	16.97	2069750	20.0
2-Naphthalenecarb...	16.18	28.0	ng/ul	2894490	4	16.97	2069750	20.0
[1,1'-Biphenyl]-3-ol	16.26	17.0	ng/ul	1762990	4	16.97	2069750	20.0
Ethanone, 1-(4-hy...	16.32	4.1	ng/ul	420631	4	16.97	2069750	20.0
1(2H)-Isoquinolinone	16.42	12.0	ng/ul	1239790	4	16.97	2069750	20.0
unknown-03	16.46	3.6	ng/ul	370488	4	16.97	2069750	20.0
2-Dibenzofuranol	16.77	15.2	ng/ul	1574500	4	16.97	2069750	20.0
unknown-04	16.85	4.3	ng/ul	442158	4	16.97	2069750	20.0
1,1'-Biphenyl, 3-...	16.89	7.1	ng/ul	731023	4	16.97	2069750	20.0
unknown-05	16.92	7.4	ng/ul	765510	4	16.97	2069750	20.0
Acridine	17.21	24.1	ng/ul	2497310	4	16.97	2069750	20.0