LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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	5.087	351	357	366	rBV	643624	966203	0.77%	0.178%
2	5.222	373	380	391	rBV	426644	928579	0.74%	0.172%
3	7.193	709	715	723	rVV	430539	687739	0.55%	0.127%
4	7.922	829	839	847	rBV	8042026	11459656	9.14%	2.117%
5	8.010	847	854	860	rVV3	1014078	1664910	1.33%	0.308%
6	8.075	860	865	875	rVB	416571	672506	0.54%	0.124%
7	8.728	967	976	982	rVV2	232490	657233	0.52%	0.121%
8	8.981	1010	1019	1022	rVV	861399	1561070	1.25%	0.288%
9	9.016	1022	1025	1031	rVV	479180	816863	0.65%	0.151%
10	9.551	1105	1116	1130	rVB2	2023319	6263559	5.00%	1.157%
11	9.728	1138	1146	1154	rVV4	484231	1294544	1.03%	0.239%
12	9.816	1154	1161	1166	rVV3	361856	1122689	0.90%	0.207%
13	9.892	1166	1174	1180	rVV	2829123	5333715	4.26%	0.985%
14	9.987	1180	1190	1193	rVV2	293395	835909	0.67%	0.154%
15	10.028	1193	1197	1208	rVB4	600036	1245969	0.99%	0.230%
16	10.257	1225	1236	1245	rBV2	1693827	4430013	3.53%	0.818%
17	10.475	1245	1273	1276	rBV3	27745375	125319525	100.00%	23.148%
18	10.498	1276	1277	1280	rVV	1501030	1295709	1.03%	0.239%
19	10.545	1280	1285	1290	rVB	4225613	6101527	4.87%	1.127%
20	10.704	1304	1312	1317	rBV	436861	834596	0.67%	0.154%
21	10.887	1334	1343	1347	rBV	1027816	1795449	1.43%	0.332%
22	11.192	1387	1395	1405	rBV2	1583489	3054959	2.44%	0.564%
23	11.375	1419	1426	1431	rBV	611883	1226818	0.98%	0.227%
24	11.434	1431	1436	1441	rVV2	961648	1789039	1.43%	0.330%
25	11.781	1487	1495	1502	rBV2	1761733	3553354	2.84%	0.656%
26	11.898	1507	1515	1523	rVV4	464776	1320533	1.05%	0.244%
27	12.016	1528	1535	1540	rVV	5302289	7962641	6.35%	1.471%
28	12.133	1548	1555	1563	rVV2	891818	1788101	1.43%	0.330%
29	12.257	1563	1576	1581	rVV	15083732	25726039	20.53%	4.752%
30	12.428	1597	1605	1615	rVV3	1010628	2618675	2.09%	0.484%
31	12.628	1633	1639	1645	rVV3	507308	1213028	0.97%	0.224%
32	12.686	1645	1649	1653	rVV	394777	670549	0.54%	0.124%
33	13.039	1699	1709	1719	rVV2	2970767	6341260	5.06%	1.171%
34	13.228	1735	1741	1744	rVV	553318	979996	0.78%	0.181%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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	13.363	1758	1764	1772	rBV3	1266237	3402839	2.72%	0.629%
36	13.528	1782	1792	1798	rBV2	1373364	3530564	2.82%	0.652%
37	13.580	1798	1801	1811	rVB	1051419	1573873	1.26%	0.291%
38	13.669	1811	1816	1821	rVB	588108	820255	0.65%	0.152%
39	13.727	1821	1826	1829	rBV3	650035	1008463	0.80%	0.186%
40	13.769	1829	1833	1841	rVB2	555182	1060091	0.85%	0.196%
41	13.910	1848	1857	1859	rBV	870655	1576515	1.26%	0.291%
42	14.098	1881	1889	1892	rBV2	487422	897069	0.72%	0.166%
43	14.210	1899	1908	1914	rBV6	883268	2131353	1.70%	0.394%
44	14.316	1914	1926	1930	rBV	24147154	45526901	36.33%	8.409%
45	14.392	1930	1939	1943	rVV	2636447	4066389	3.24%	0.751%
46	14.451	1943	1949	1955	rVV	5573304	8534472	6.81%	1.576%
47	14.522	1955	1961	1969	rVB3	2112698	4589375	3.66%	0.848%
48	14.645	1973	1982	1990	rBV	13265104	20260813	16.17%	3.742%
49	14.780	2000	2005	2008	rBV	687220	1135233	0.91%	0.210%
50	14.869	2009	2020	2025	rVB	1149122	3604915	2.88%	0.666%
51	15.222	2067	2080	2084	rBV	1090416	2282380	1.82%	0.422%
52	15.292	2084	2092	2101	rVV	15180063	24517818	19.56%	4.529%
53	15.404	2107	2111	2113	rVV2	801583	1220644	0.97%	0.225%
54	15.439	2113	2117	2124	rVV2	2265195	4504029	3.59%	0.832%
55	15.539	2124	2134	2147	rVB4	1385732	4420188	3.53%	0.816%
56	15.686	2154	2159	2162	rBV	775929	1263306	1.01%	0.233%
57	15.727	2162	2166	2171	rVV3	949353	1765164	1.41%	0.326%
58	15.798	2171	2178	2184	rVB4	279438	751598	0.60%	0.139%
59	15.992	2204	2211	2214	rBV	1640486	2869232	2.29%	0.530%
60	16.074	2214	2225	2226	rVV3	2130851	5368967	4.28%	0.992%
61	16.121	2230	2233	2238	rVB2	4392716	5908574	4.71%	1.091%
62	16.198	2239	2246	2248	rBV2	1838701	3232596	2.58%	0.597%
63	16.274	2254	2259	2262	rBV3	2702167	5070876	4.05%	0.937%
64	16.333	2267	2269	2272	rVB	6285106	5456255	4.35%	1.008%
65	16.404	2276	2281	2286	rVB2	954377	1605262	1.28%	0.297%
66	16.527	2288	2302	2303	rBV8	1144393	3675763	2.93%	0.679%
67	16.651	2318	2323	2333	rVB3	572035	888129	0.71%	0.164%
68	16.792	2336	2347	2352	rBV	1461462	3187219	2.54%	0.589%
69	16.868	2352	2360	2362	rVB	1066297	1740410	1.39%	0.321%
70	16.933	2362	2371	2373	rBV4	943014	2122084	1.69%	0.392%
71	16.980	2374	2379	2383	rVV4	1798328	3973493	3.17%	0.734%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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	17.045	2383	2390	2393	rVV	17579753	25146544	20.07%	4.645%
73	17.080	2393	2396	2401	rVV2	3209412	5472765	4.37%	1.011%
74	17.121	2401	2403	2406	rVV	1270277	1947708	1.55%	0.360%
75	17.151	2406	2408	2411	rVB2	1201828	1085387	0.87%	0.200%
76	17.433	2442	2456	2460	rBV	14555849	25210077	20.12%	4.657%
77	17.527	2466	2472	2476	rBV2	1314275	2122652	1.69%	0.392%
78	17.592	2478	2483	2490	rVV	1797560	3469402	2.77%	0.641%
79	17.698	2491	2501	2507	rVV4	1402396	4208214	3.36%	0.777%
80	17.763	2507	2512	2522	rVB4	833059	2055190	1.64%	0.380%
81	17.851	2522	2527	2532	rBV	1102032	1636931	1.31%	0.302%
82	17.927	2532	2540	2545	rBV4	1548406	3319707	2.65%	0.613%
83	18.033	2550	2558	2571	rVB3	2723476	8426161	6.72%	1.556%
84	18.180	2577	2583	2587	rBV2	2107229	3073382	2.45%	0.568%
85	18.227	2587	2591	2595	rVB2	584981	847585	0.68%	0.157%
86	18.462	2627	2631	2638	rVB5	711828	1194840	0.95%	0.221%
87	18.880	2695	2702	2707	rBV	1805208	2674688	2.13%	0.494%
88	19.062	2724	2733	2741	rVV2	1624369	2951653	2.36%	0.545%
89	19.204	2749	2757	2763	rVV5	684805	1888926	1.51%	0.349%
90	19.309	2771	2775	2782	rVV5	325080	782708	0.62%	0.145%
91	19.392	2784	2789	2792	rVV	1588002	2393176	1.91%	0.442%
92	19.421	2792	2794	2799	rVV	1107361	1206216	0.96%	0.223%
93	19.809	2855	2860	2867	rVB2	927320	1802327	1.44%	0.333%
94	19.986	2880	2890	2899	rBV	2128121	5514302	4.40%	1.019%
95	20.609	2984	2996	3000	rBV	2473859	4501368	3.59%	0.831%
96	20.880	3037	3042	3056	rVB3	552873	1040659	0.83%	0.192%
97	21.192	3090	3095	3099	rVB2	789139	1022093	0.82%	0.189%
98	21.733	3182	3187	3197	rVB	762573	1165754	0.93%	0.215%
99	23.245	3435	3444	3455	rVB	705573	1446353	1.15%	0.267%
100	23.380	3462	3467	3474	rVB	401565	699801	0.56%	0.129%

Sum of corrected areas: 541382631

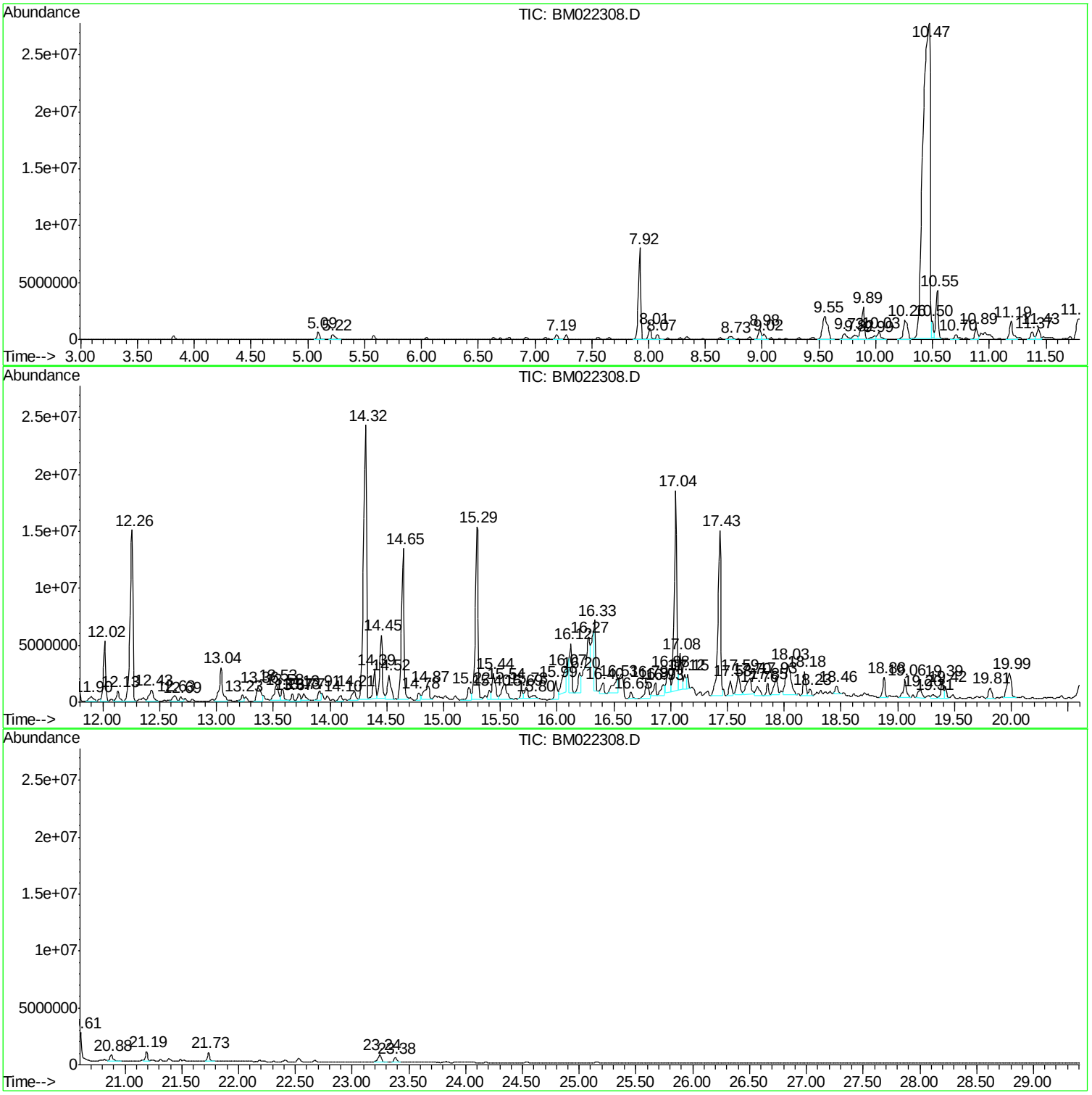
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

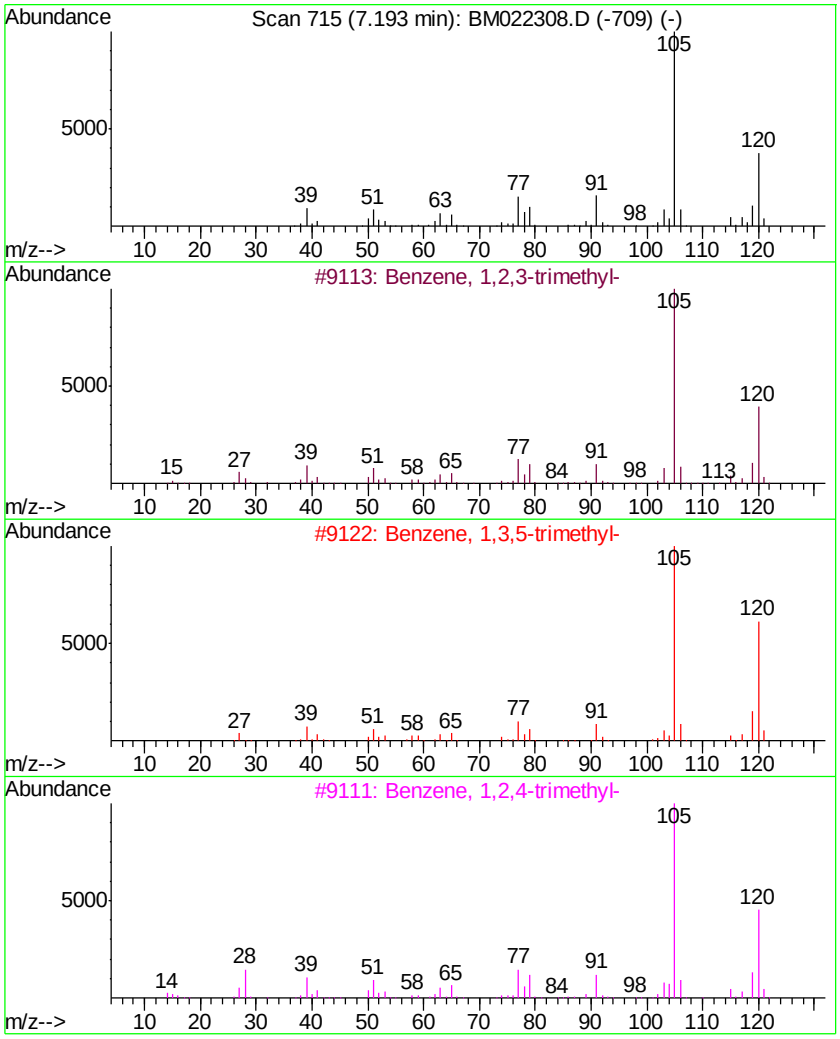
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

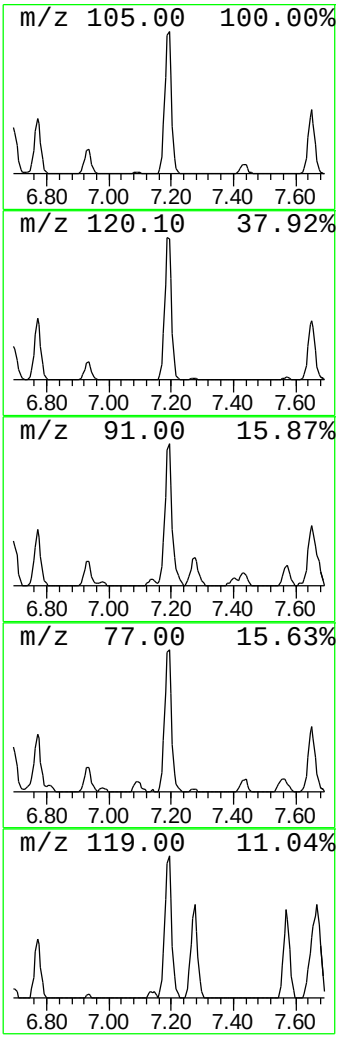
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	20.00 ng/ul	687739	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

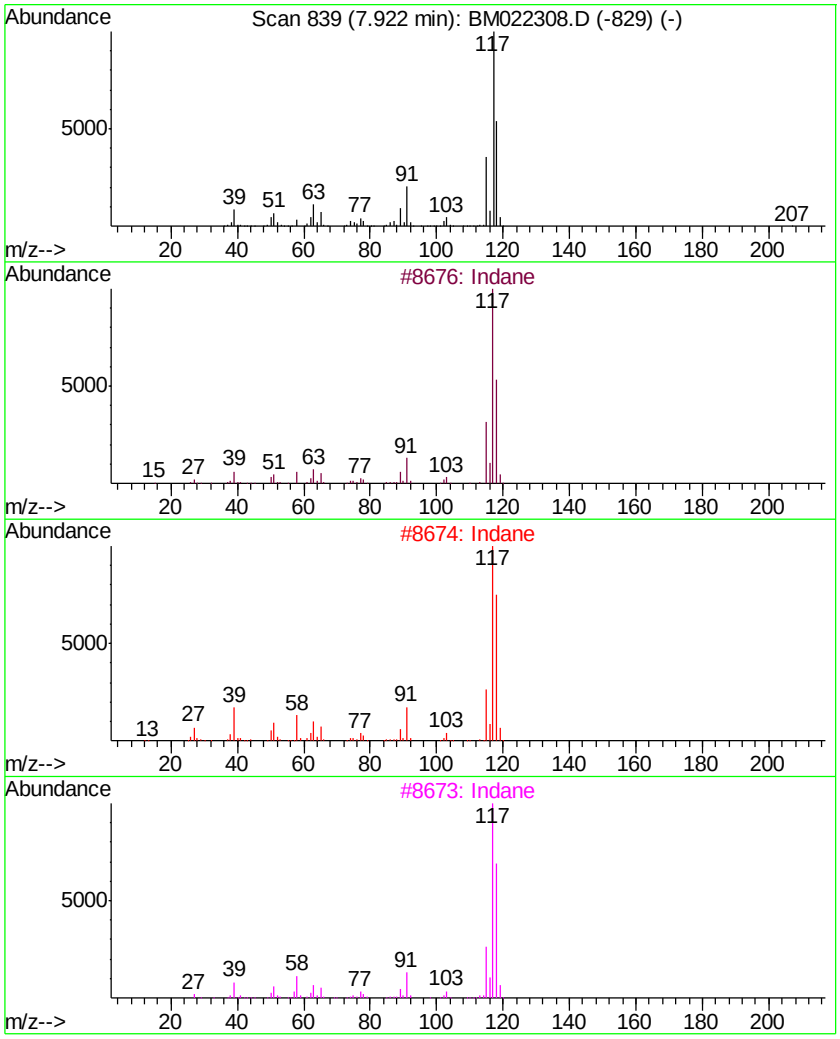
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

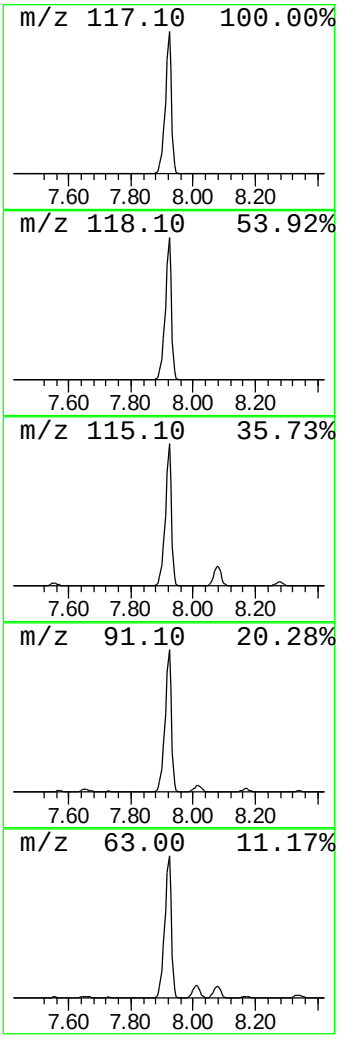
****

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	333.26 ng/ul	11459700	1,4-Dichlorobenzene-d4	7.56

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	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Deltacyclene	118	C9H10	007785-10-6	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

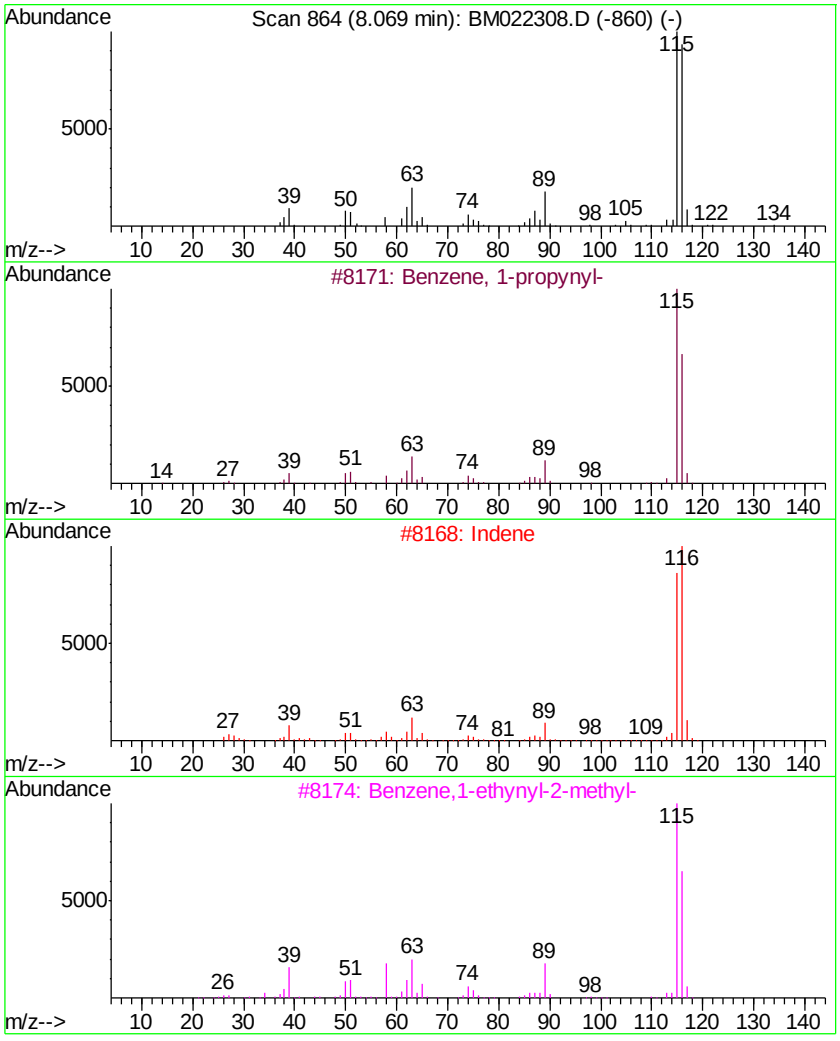
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

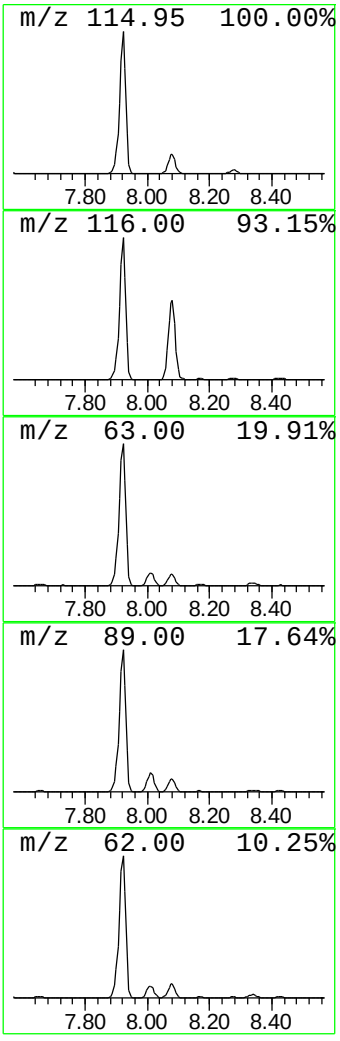
****

Peak Number 5 Benzene, 1-propynyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	19.56 ng/ul	672506	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	91
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

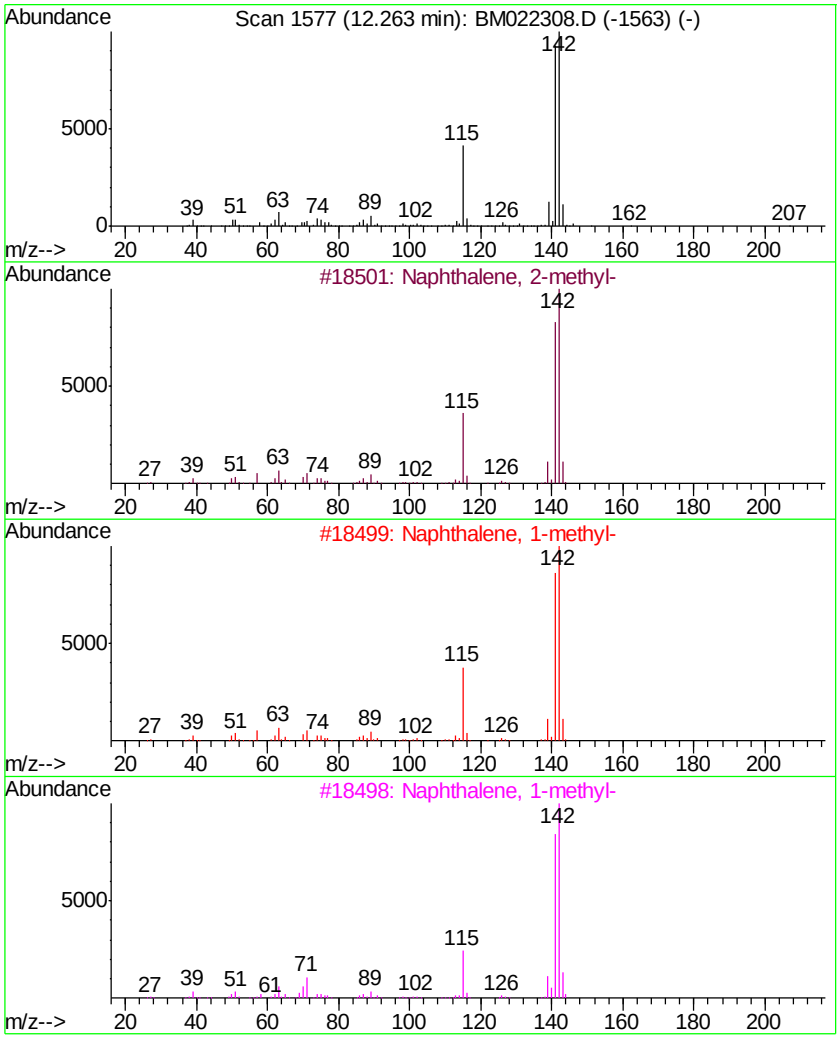
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

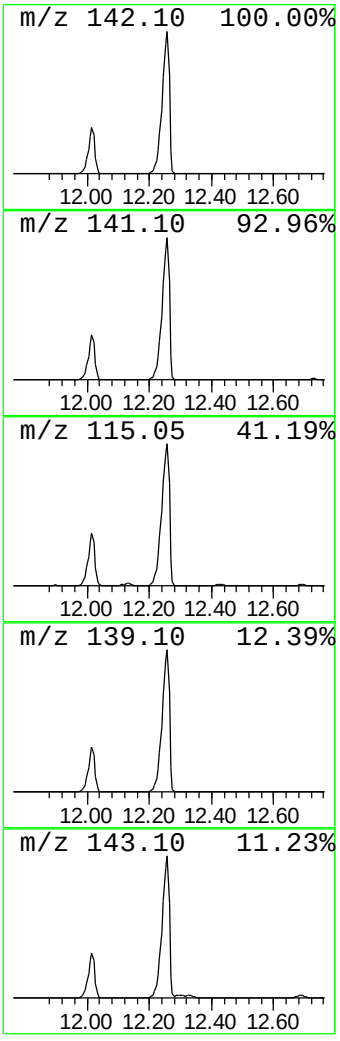
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.11 ng/ul	25726000	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

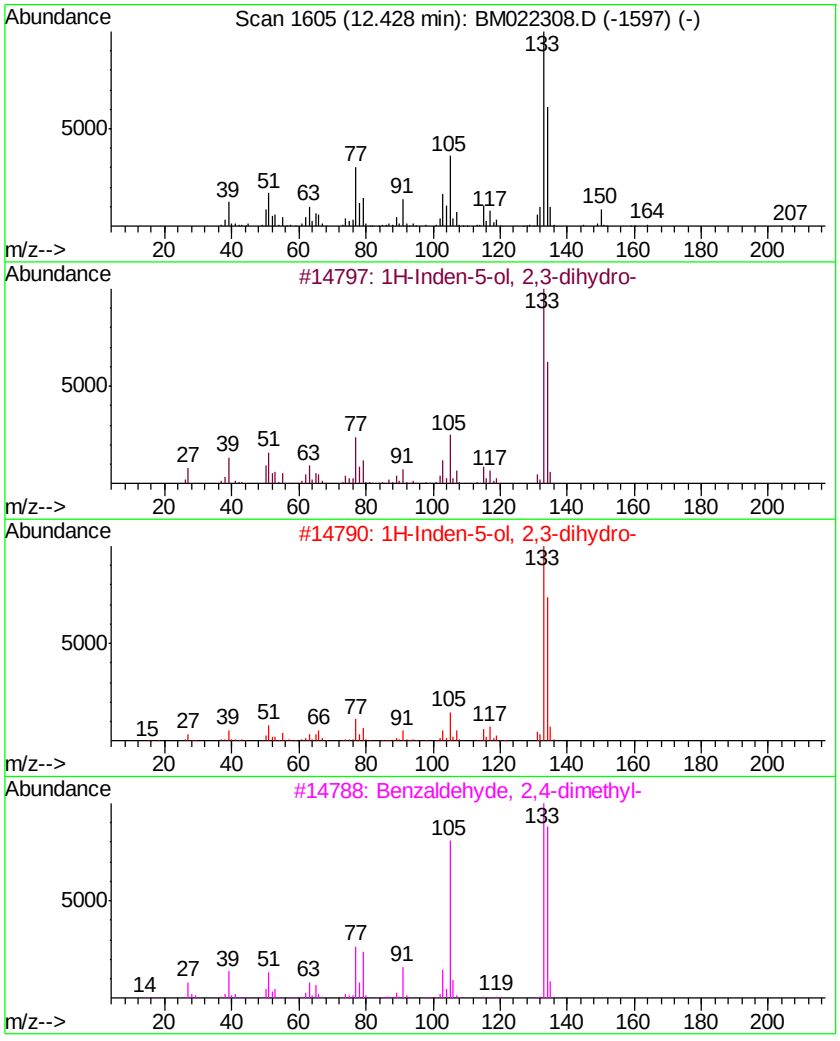
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

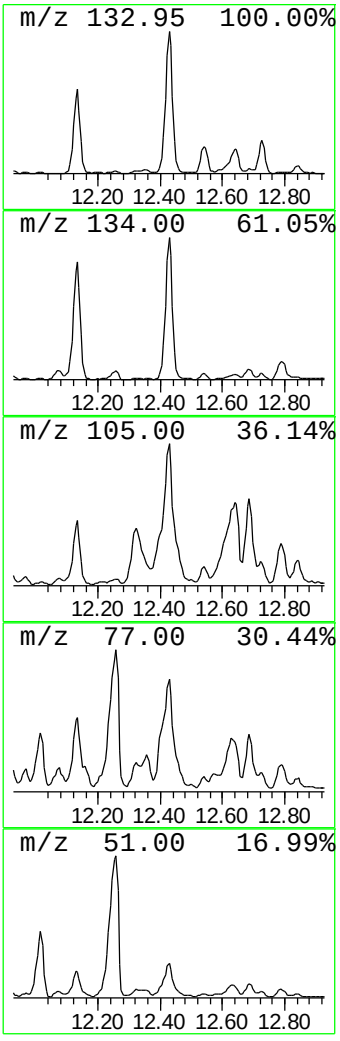
****

Peak Number 7 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	24.57 ng/ul	2618680	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	97
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	76
3	Benzaldehyde, 2,4-dimethyl-	134	C9H10O	015764-16-6	64
4	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	58
5	Isophthalaldehyde	134	C8H6O2	000626-19-7	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

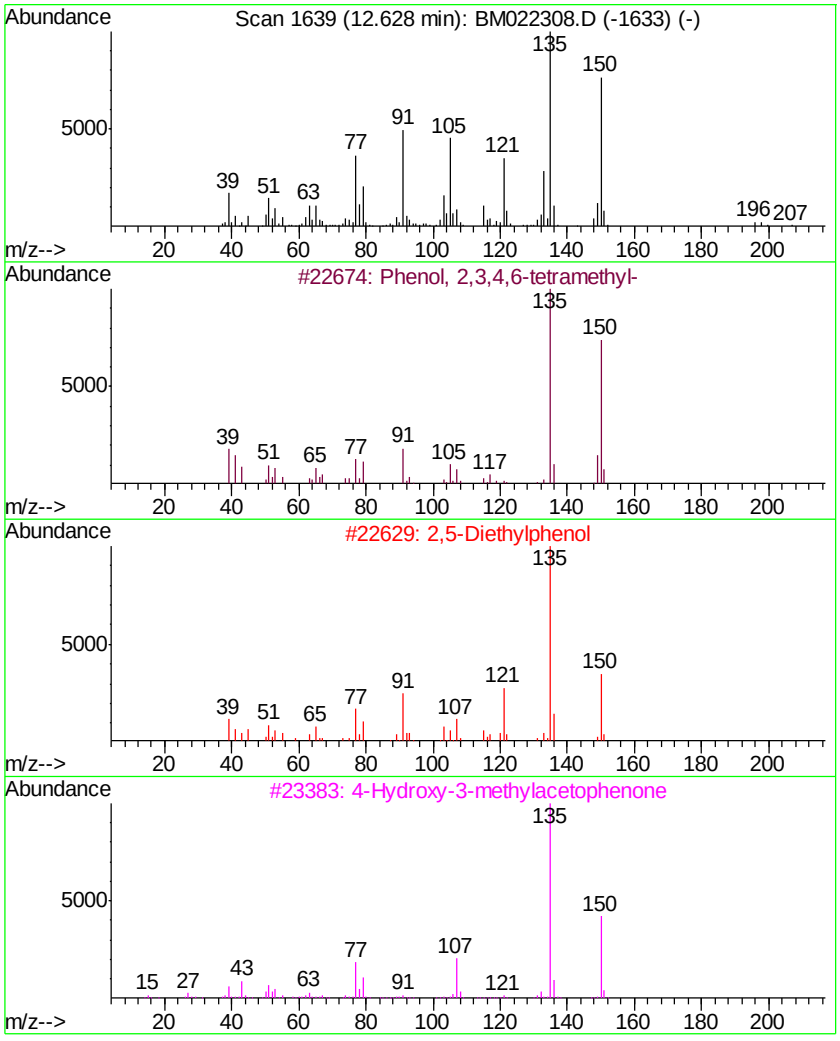
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

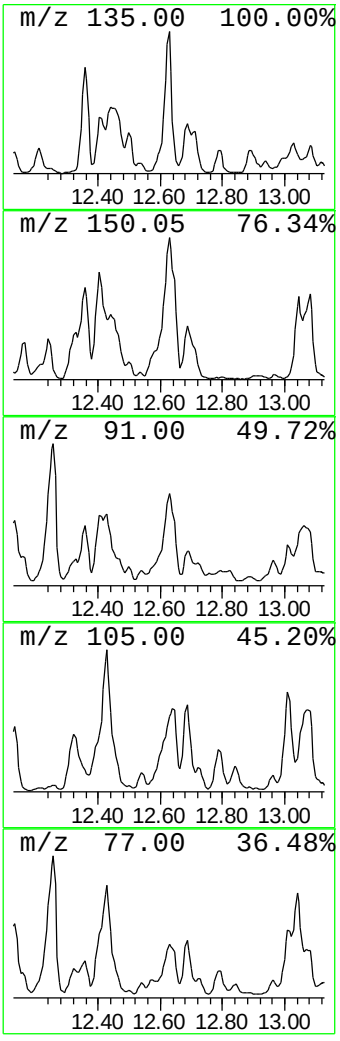
****

Peak Number 8 Phenol, 2,3,4,6-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	11.38 ng/ul	1213030	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	76
2	2,5-Diethylphenol	150	C10H14O	000876-20-0	74
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	74
4	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	74
5	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

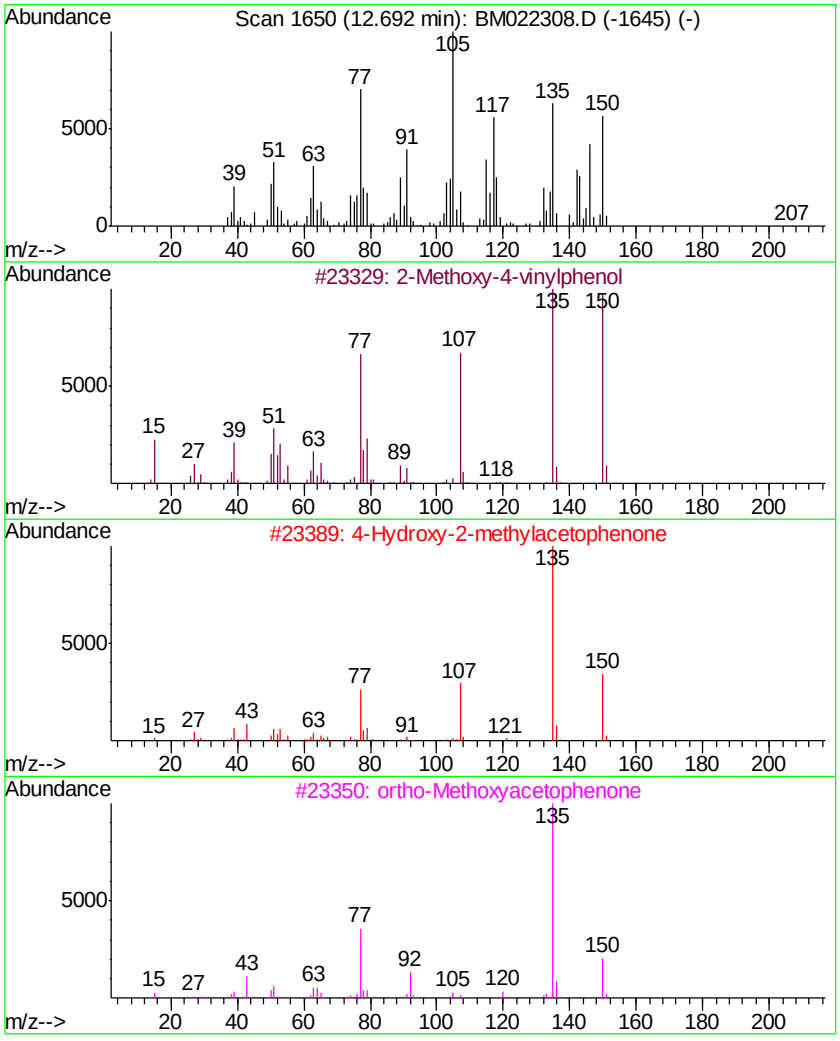
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

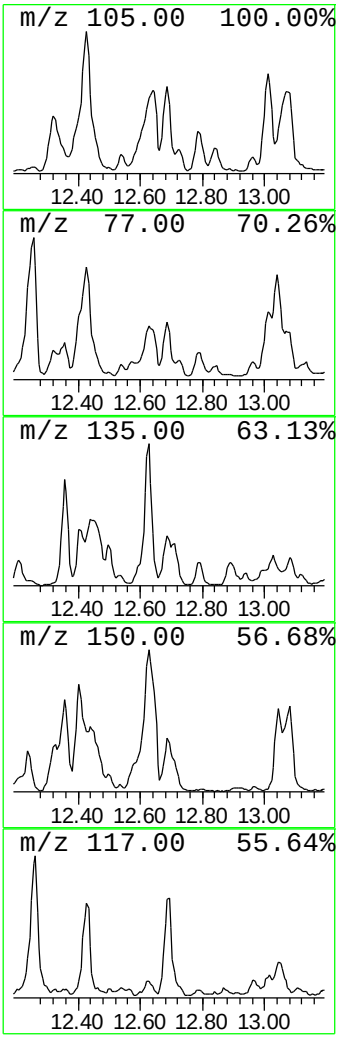
****

Peak Number 9 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	6.29 ng/ul	670549	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-4-vinylphenol	150	C9H10O2	007786-61-0	38
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	38
3	ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	30
4	Thymol	150	C10H14O	000089-83-8	27
5	Benzhydrazide, 4-methoxy-N2-(2-m...	329	C16H15N3O5	1000264-06-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

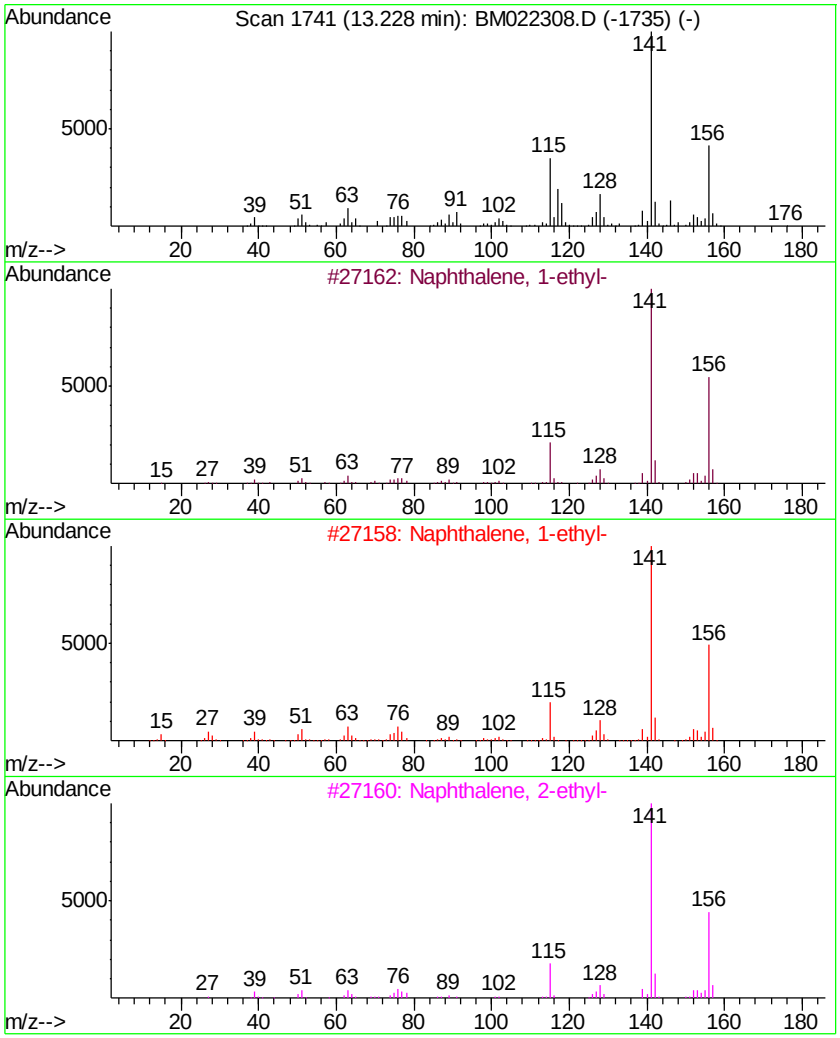
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

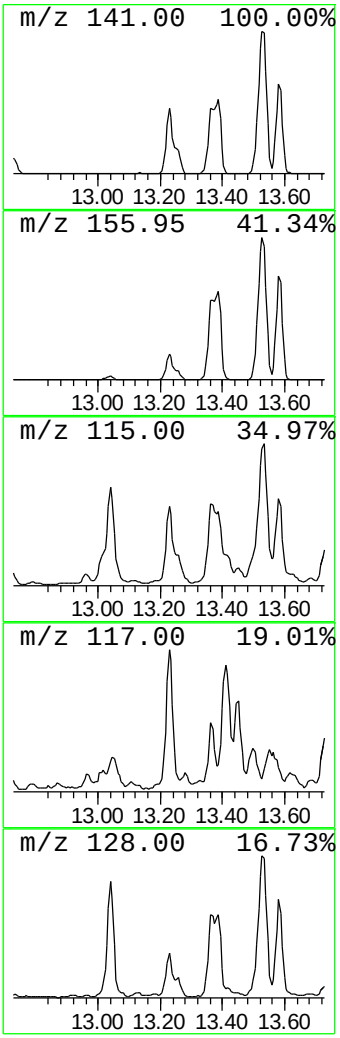
****

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	9.20 ng/ul	979996	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

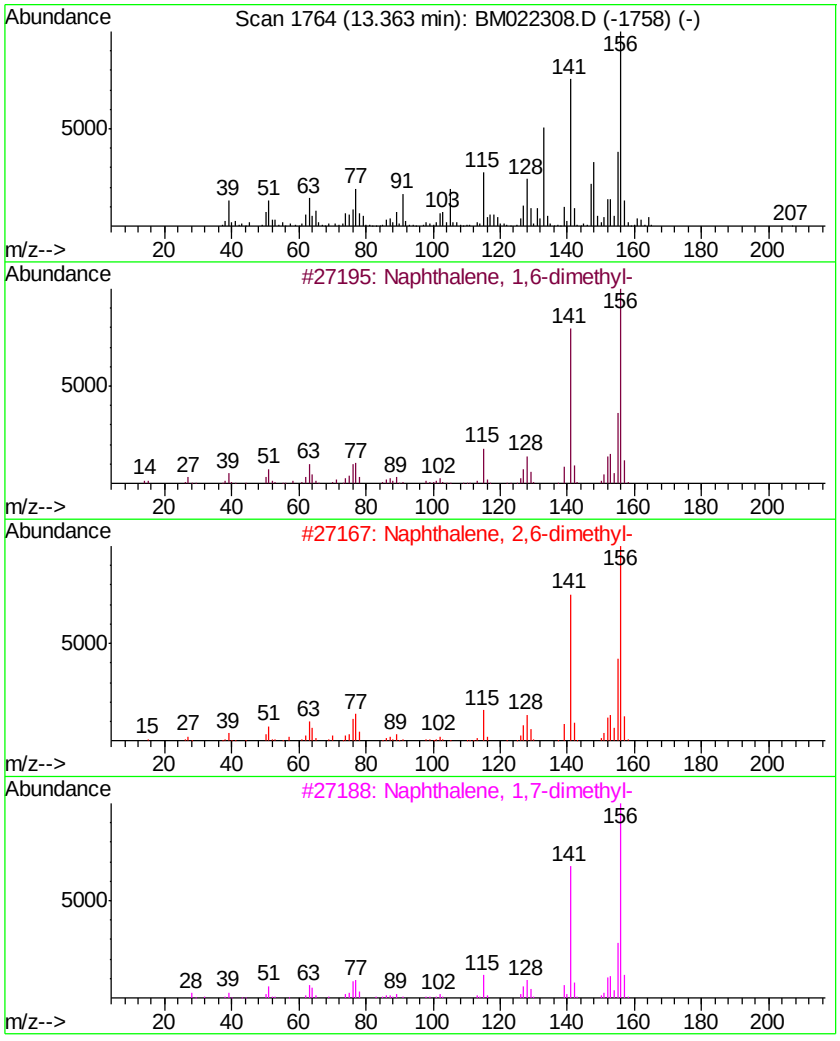
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

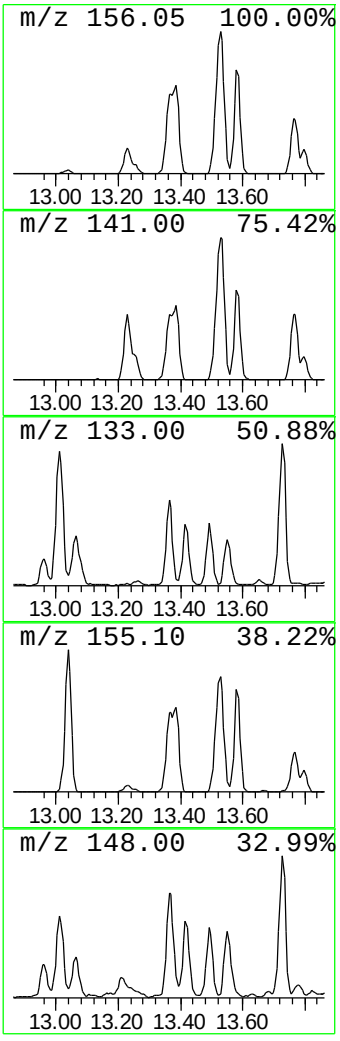
****

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	31.93 ng/ul	3402840	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

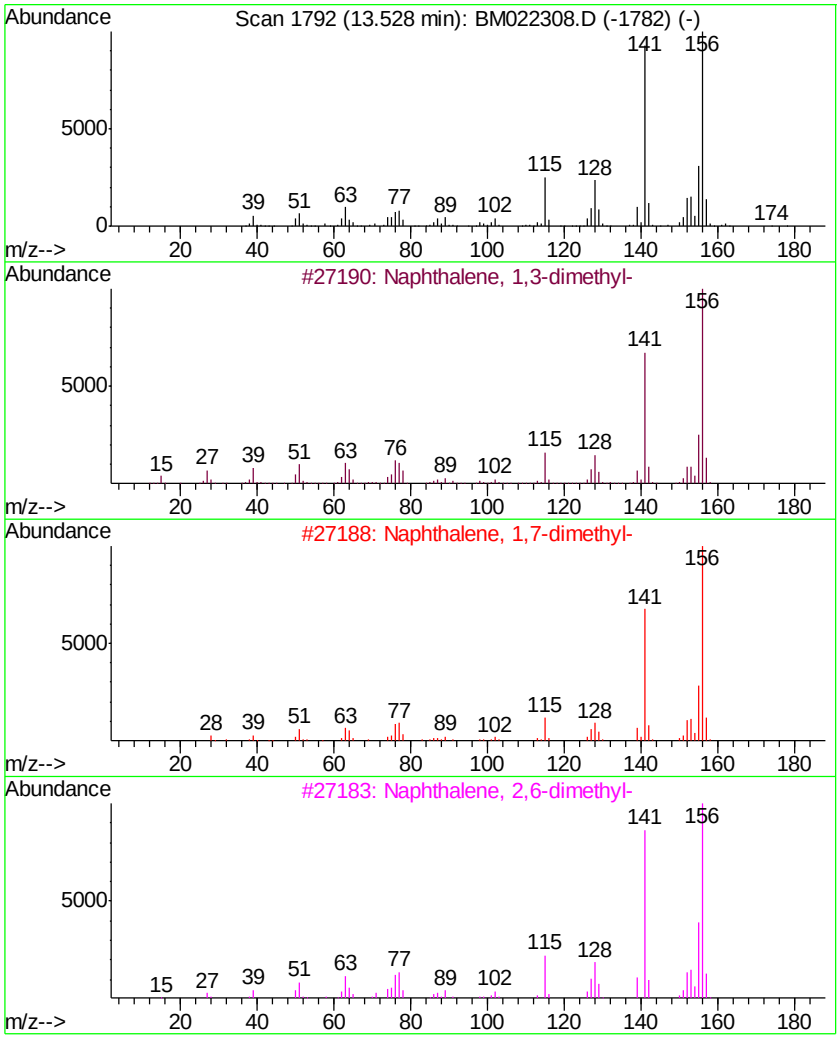
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

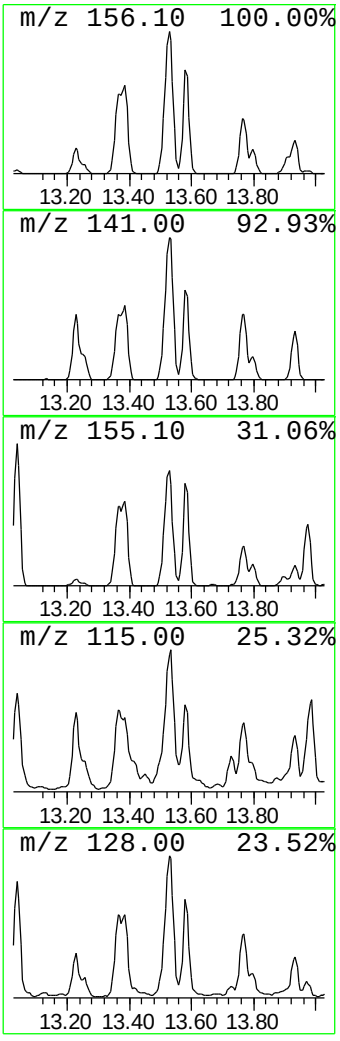
****

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	33.13 ng/ul	3530560	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

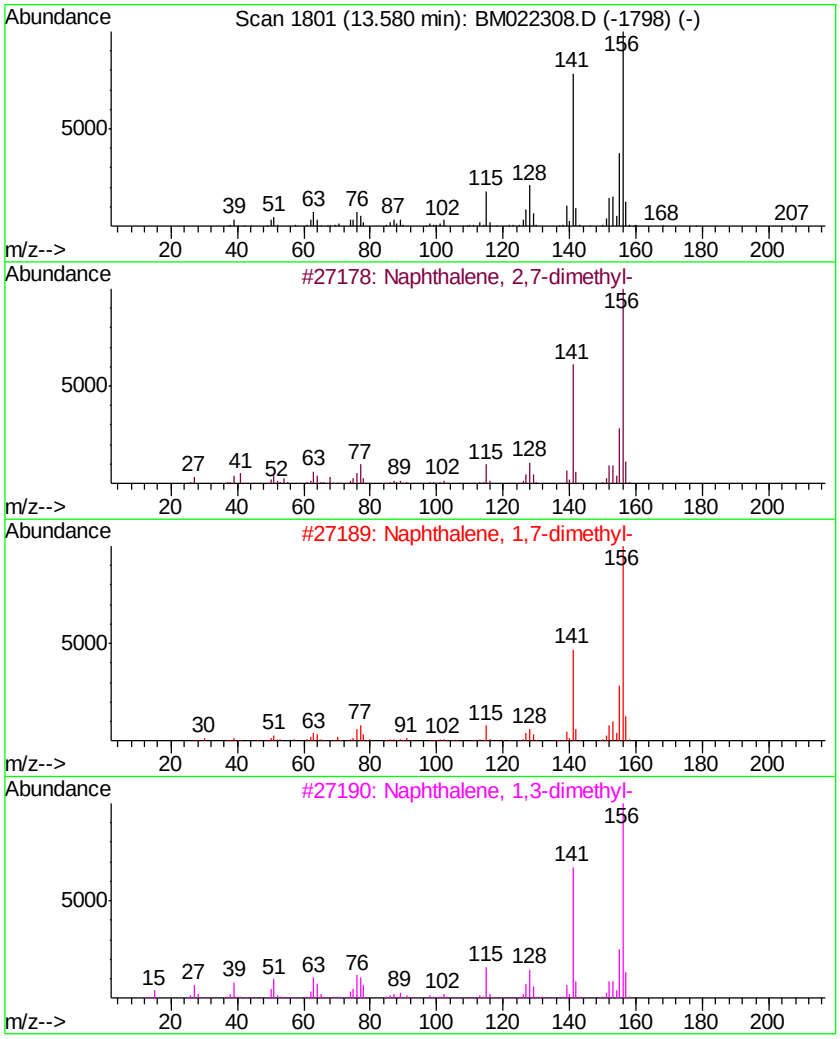
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

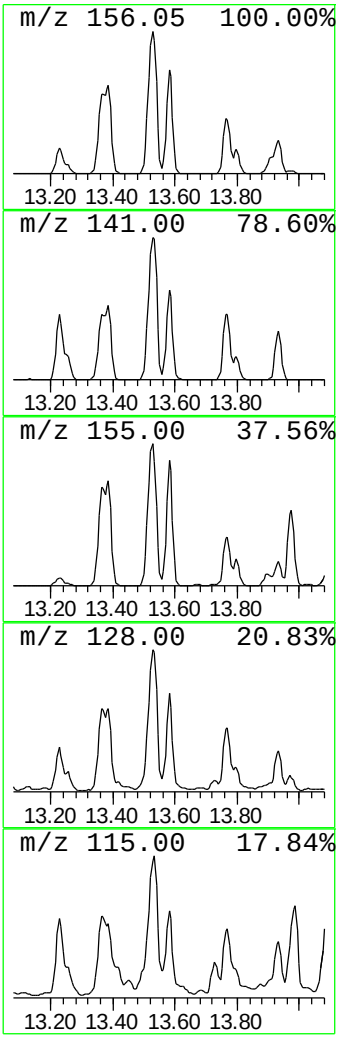
****

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	14.77 ng/ul	1573870	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

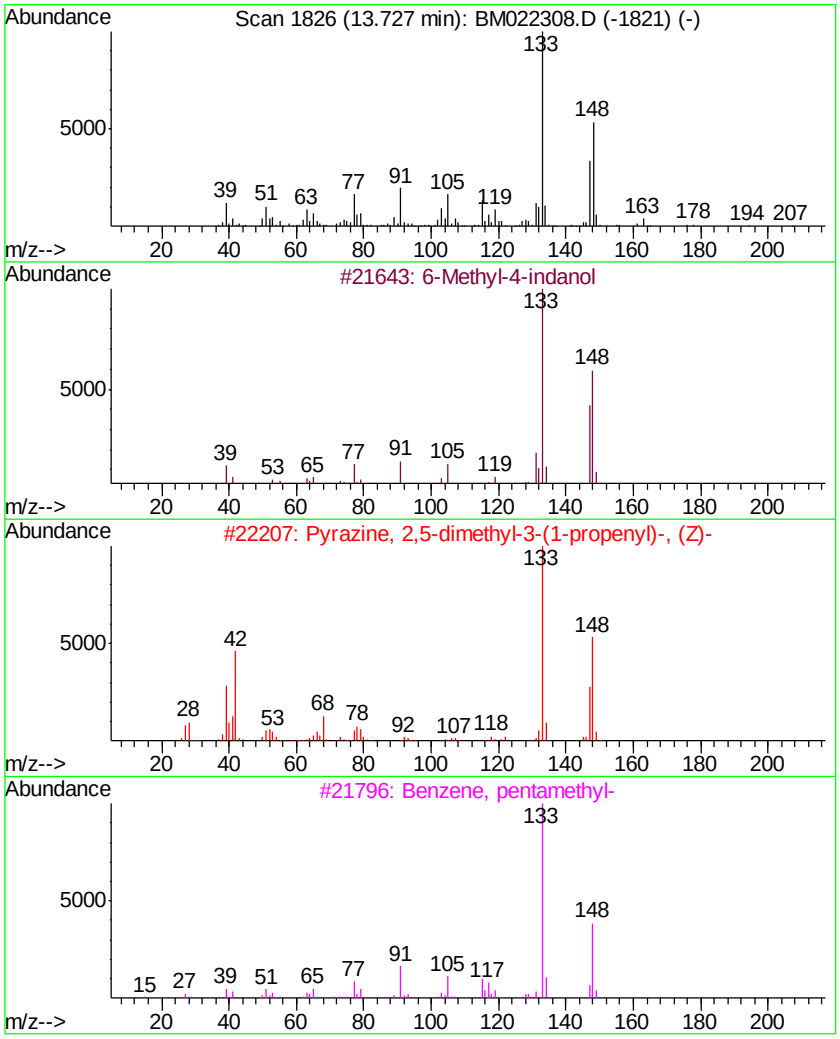
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

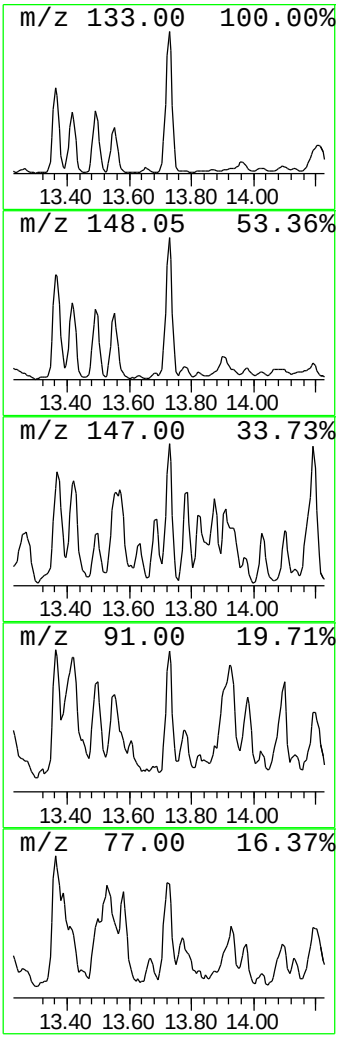
****

Peak Number 14 6-Methyl-4-indanol Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	9.46 ng/ul	1008460	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	87
2	Pyrazine, 2,5-dimethyl-3-(1-prop...	148	C9H12N2	055138-73-3	80
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

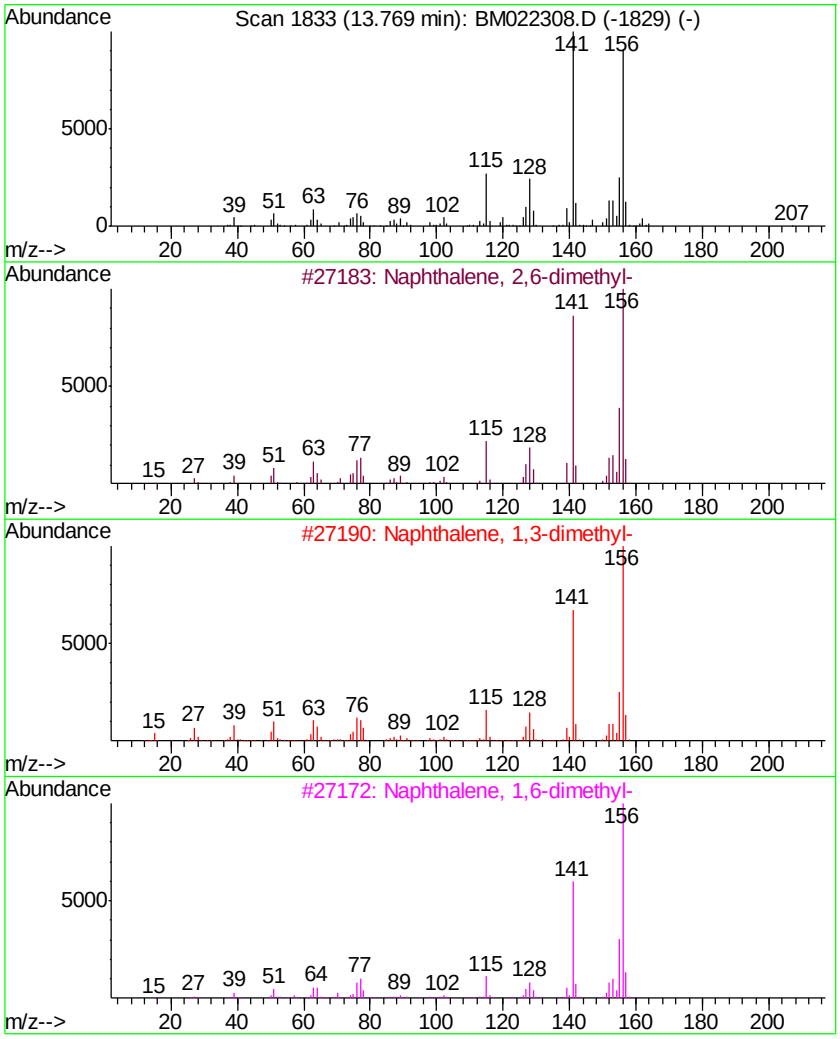
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

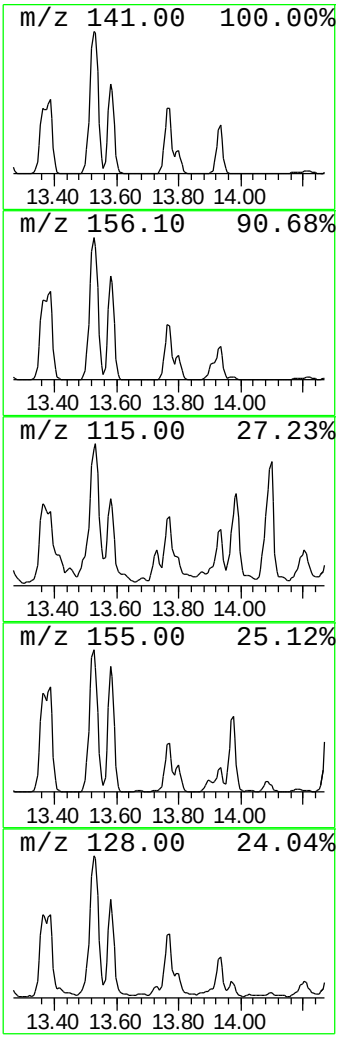
****

Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	9.95 ng/ul	1060090	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

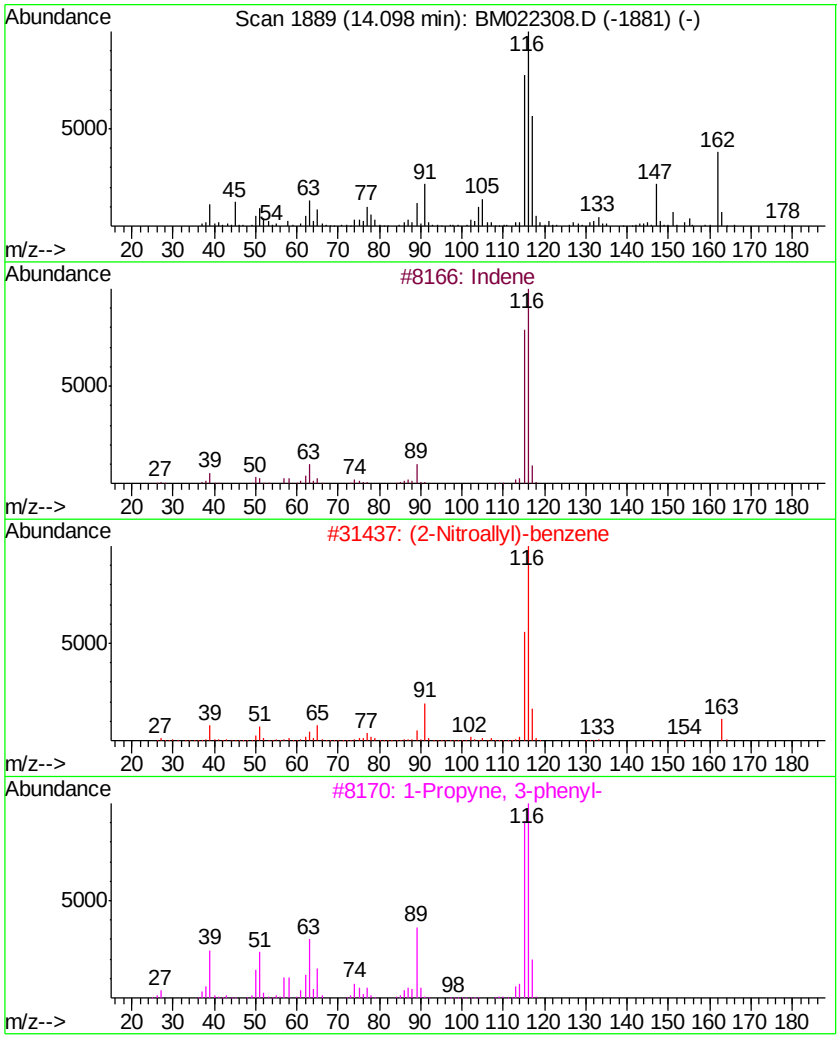
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

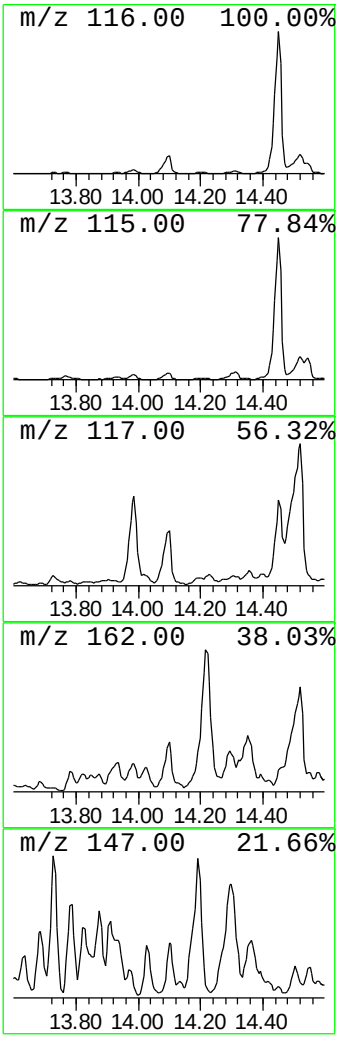
****

Peak Number 16 Indene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	8.42 ng/ul	897069	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	60
2	(2-Nitroallyl)-benzene	163	C9H9NO2	062811-39-6	58
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	58
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	53
5	Indene	116	C9H8	000095-13-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

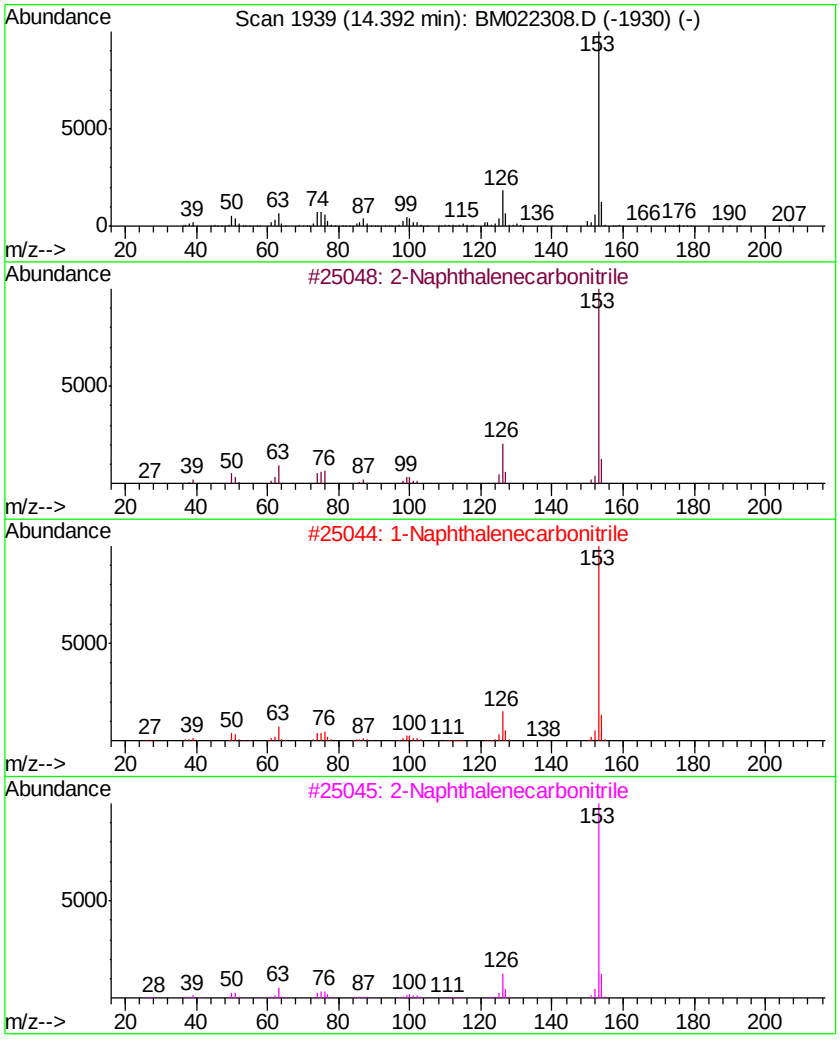
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

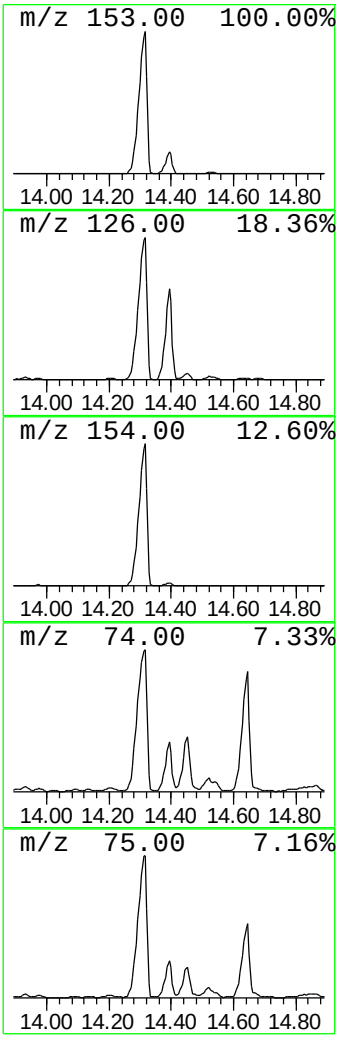
****

Peak Number 17 2-Naphthalenecarbonitrile Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	38.16 ng/ul	4066390	Acenaphthene-d10	14.22

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

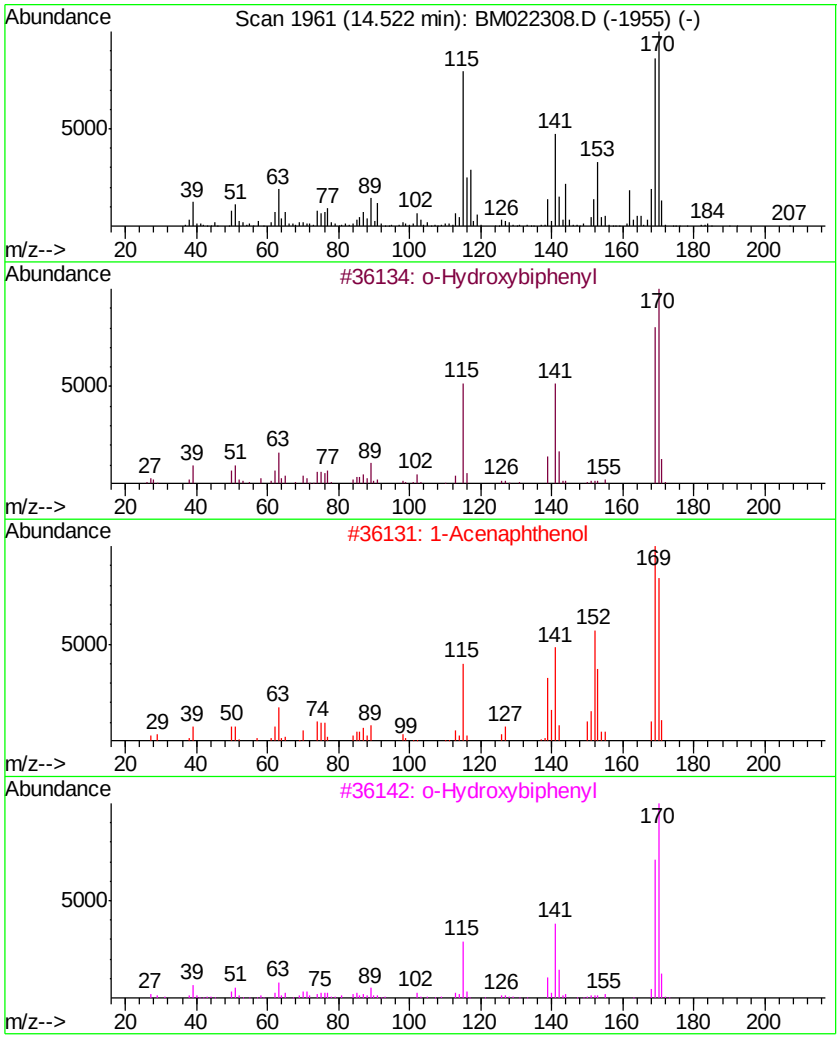
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

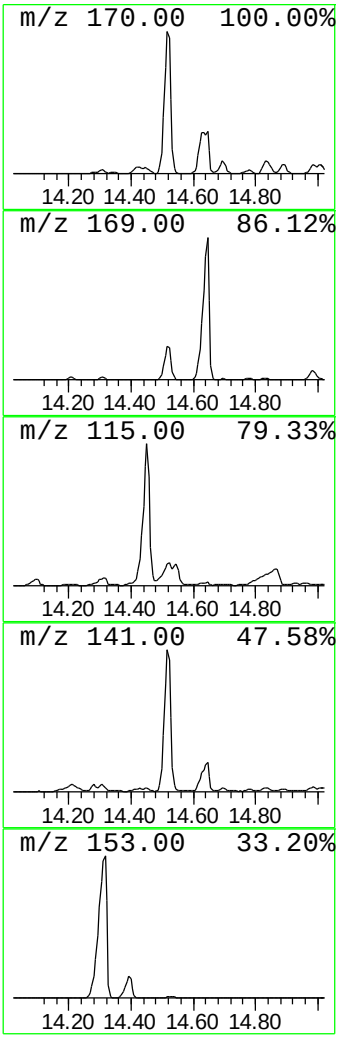
****

Peak Number 18 o-Hydroxybiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	43.07 ng/ul	4589380	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2	1-Acenaphthenol	170	C12H10O	006306-07-6	70
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	68
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	68
5	3-Benzylpyridazine	170	C11H10N2	060905-93-3	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

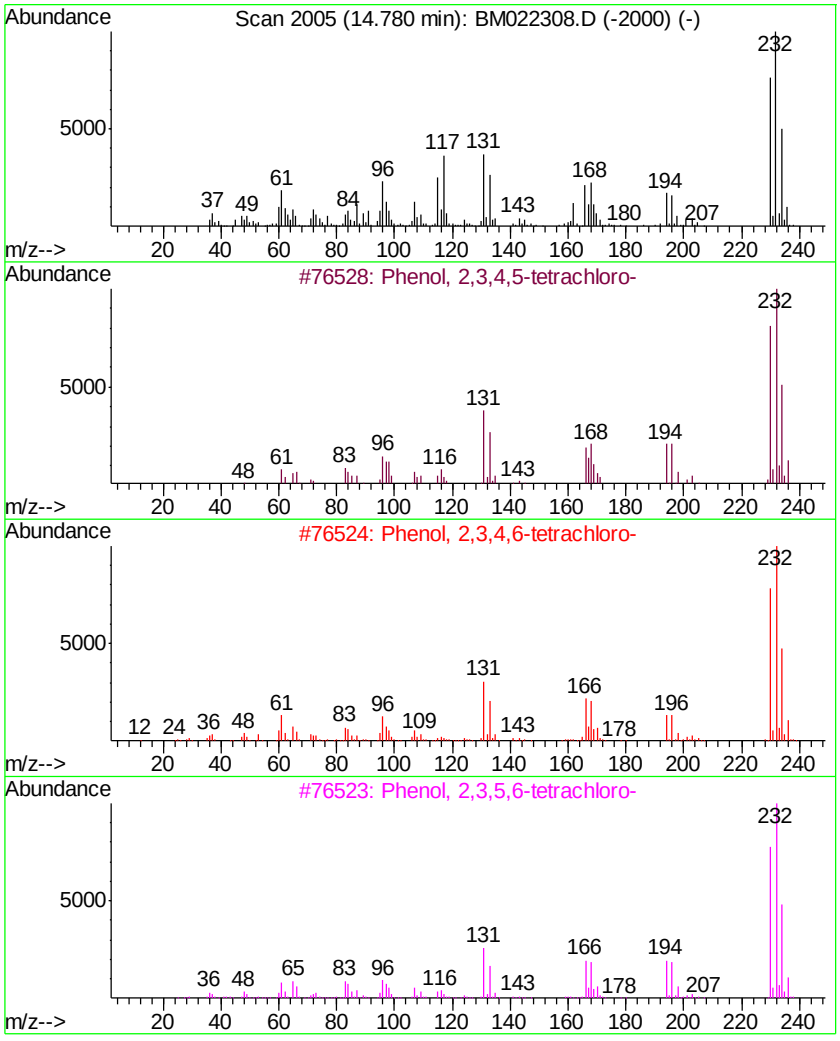
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

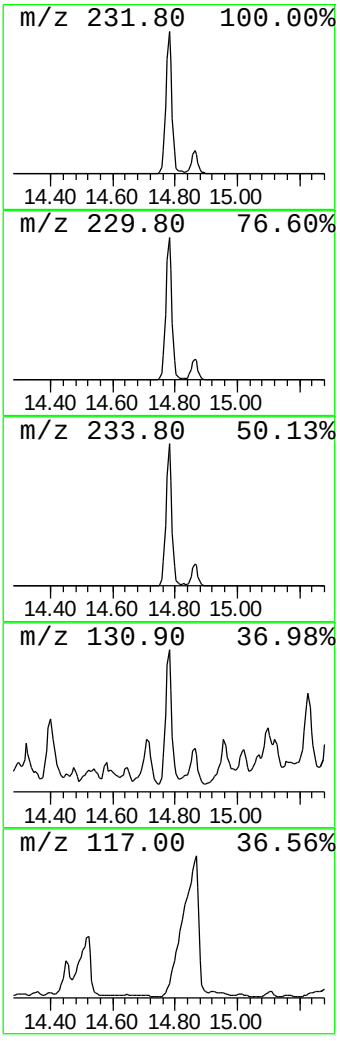
****

Peak Number 19 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	10.65 ng/ul	1135230	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
3	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
4	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	94
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

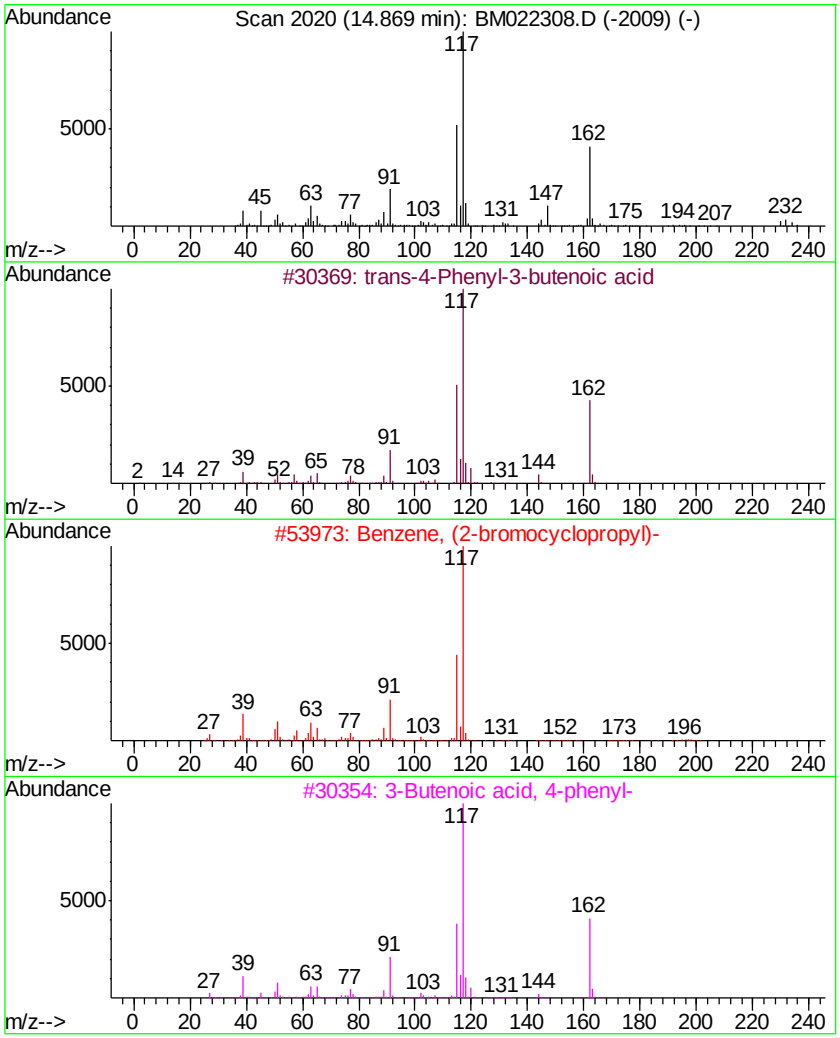
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

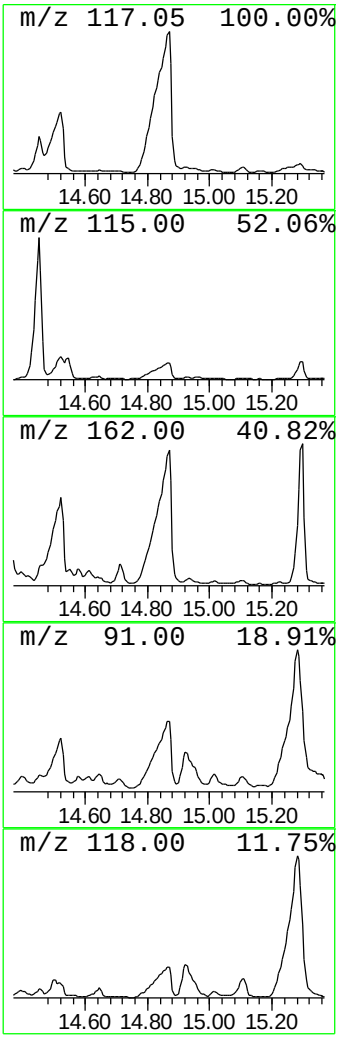
****

Peak Number 20 trans-4-Phenyl-3-butenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	33.83 ng/ul	3604920	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	90
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	83
3	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	74
4	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	72
5	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

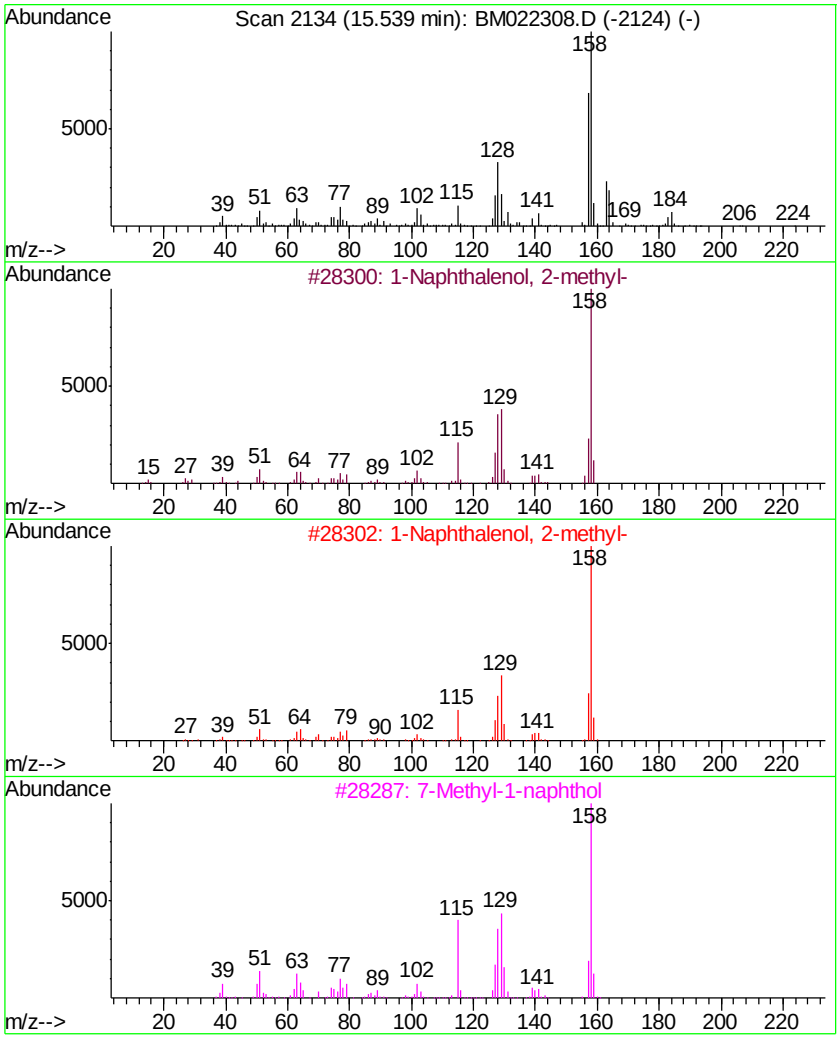
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

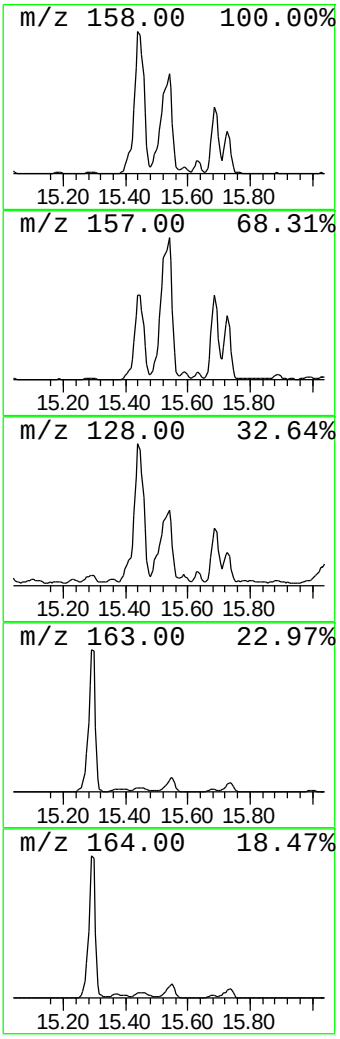
****

Peak Number 21 1-Naphthalenol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	41.48 ng/ul	4420190	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	58
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	52
3	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	52
4	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	49
5	1H-Pyrazole, 5-methyl-1-phenyl-	158	C10H10N2	006831-91-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

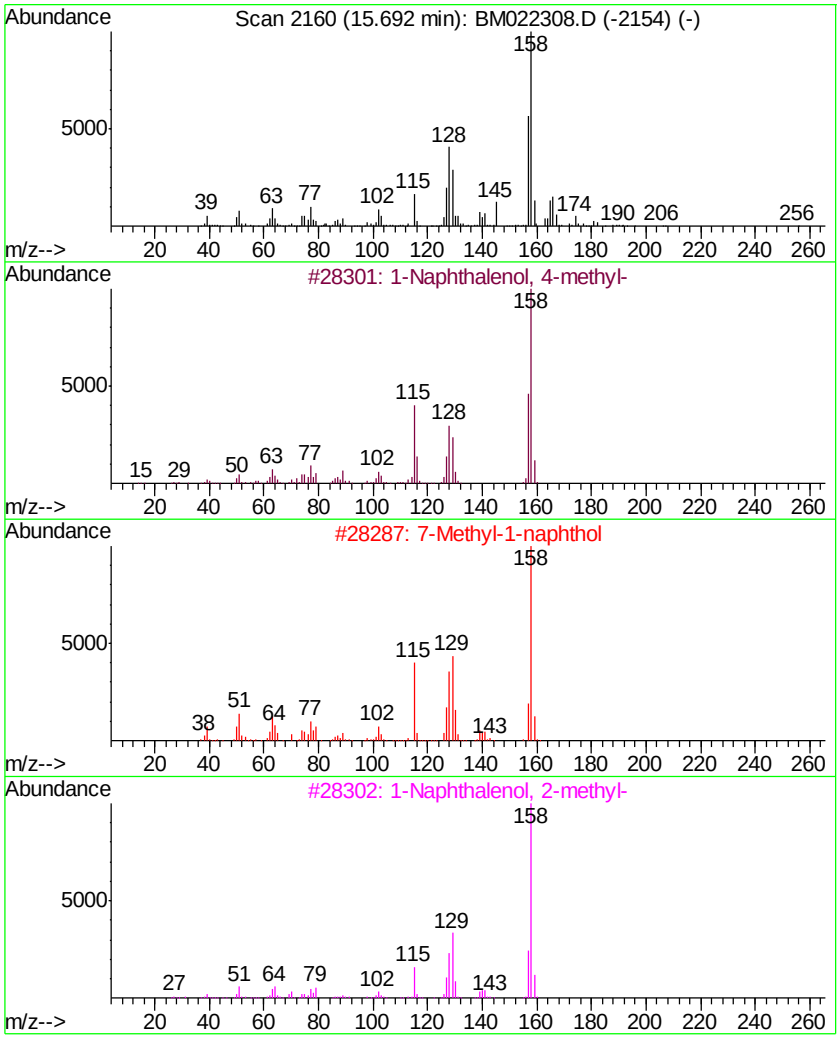
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

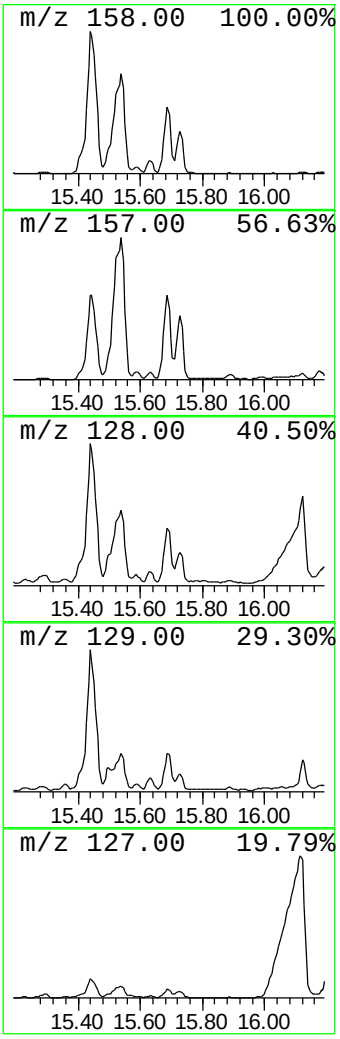
****

Peak Number 22 1-Naphthalenol, 4-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	6.36 ng/ul	1263310	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	87
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	58
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	58
4	1,2,3,6,7,8-Hexahydro-as-indacene	158	C12H14	001076-17-1	50
5	Pyrazole, 4-methyl-3-phenyl-	158	C10H10N2	013808-62-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

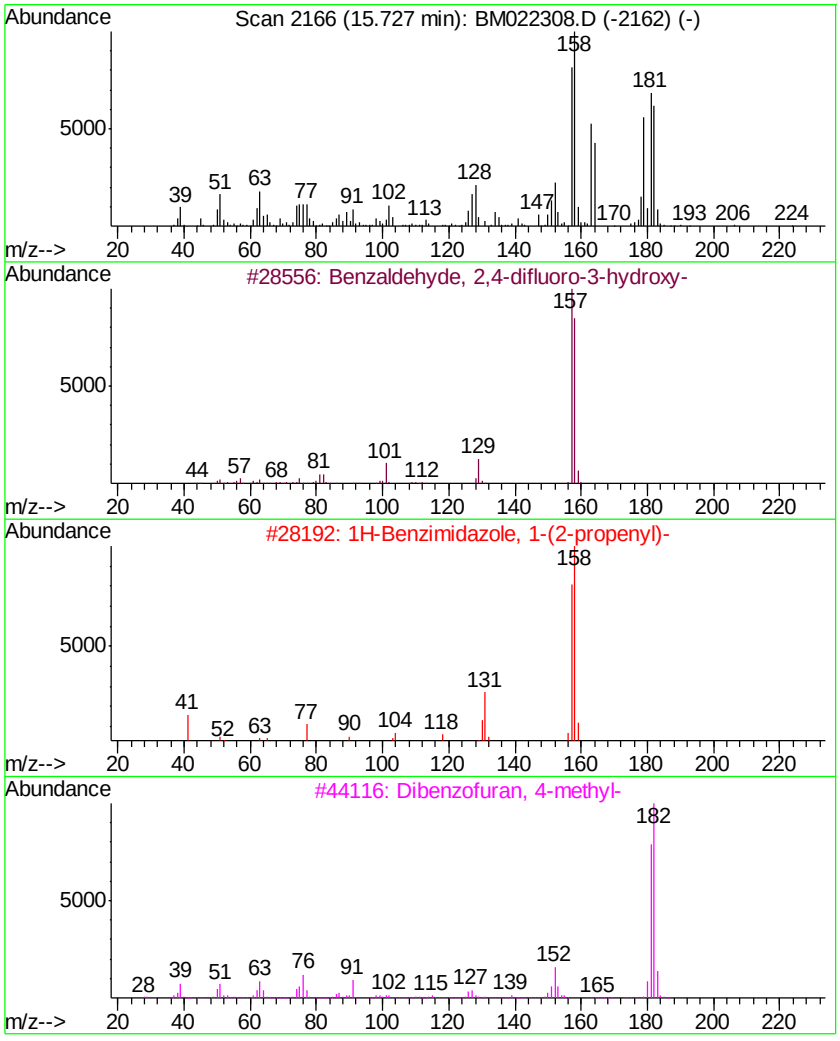
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

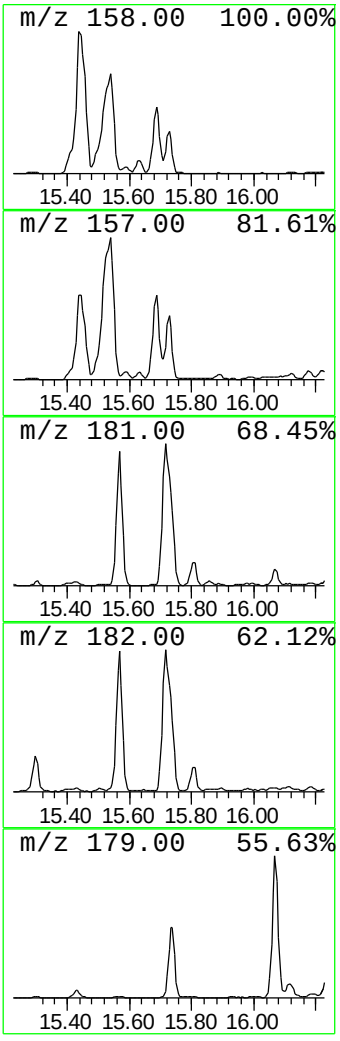
****

Peak Number 23 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	8.88 ng/ul	1765160	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2,4-difluoro-3-hyd...	158	C7H4F2O2	192927-69-8	25
2	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	25
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	15
4	6,7-Dimethylquinoxaline	158	C10H10N2	007153-23-3	14
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

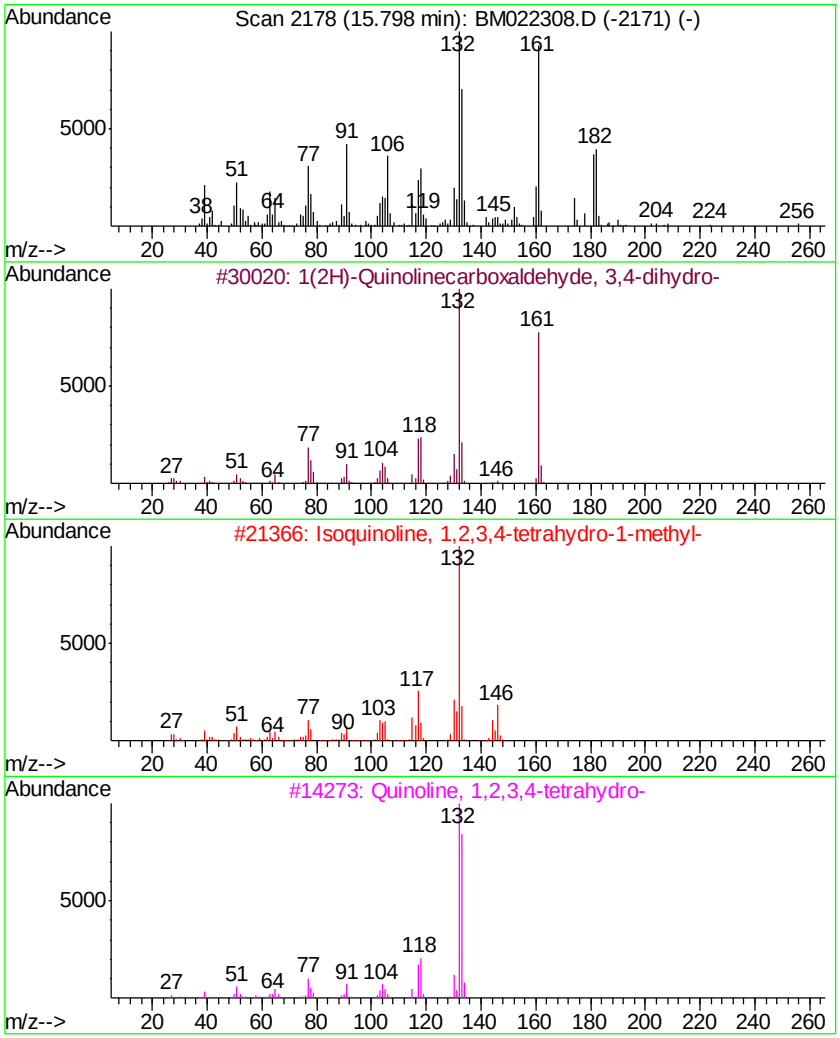
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

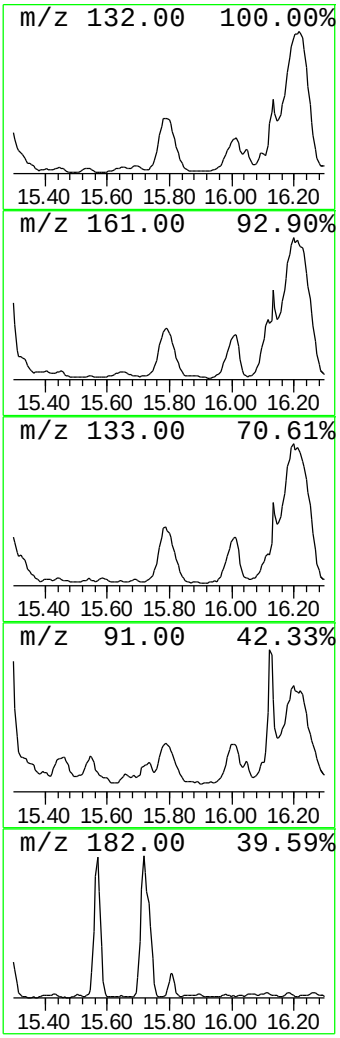
****

Peak Number 24 1(2H)-Quinolinecarboxaldehy... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.78 ng/ul	751598	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Quinolinecarboxaldehyde, 3...	161	C10H11NO	002739-16-4	60
2	Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	004965-09-7	50
3	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	46
4	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	46
5	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

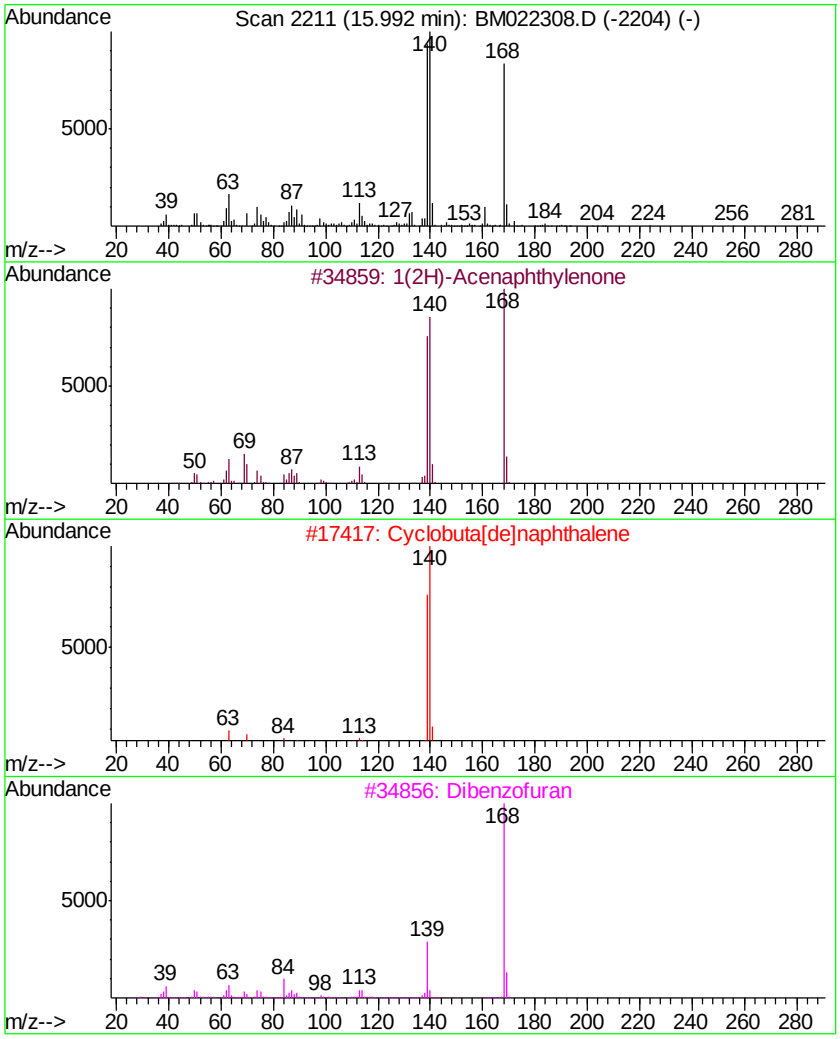
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

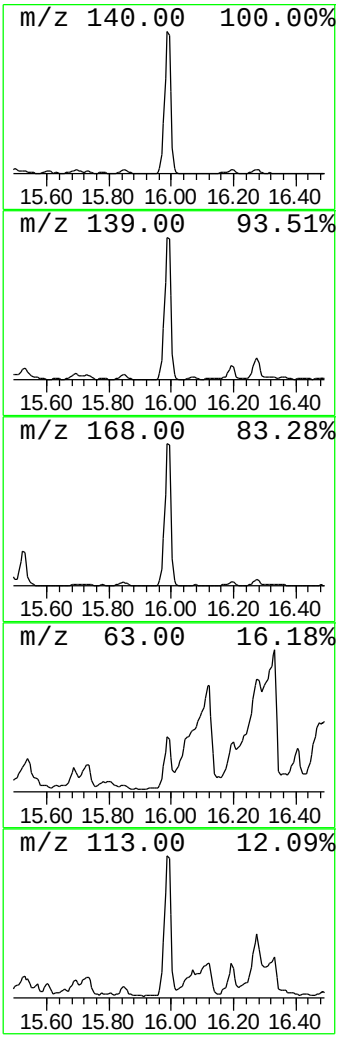
****

Peak Number 25 1(2H)-Acenaphthylenone Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	14.44 ng/ul	2869230	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	86
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
3	Dibenzofuran	168	C12H8O	000132-64-9	49
4	Dibenzofuran	168	C12H8O	000132-64-9	49
5	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

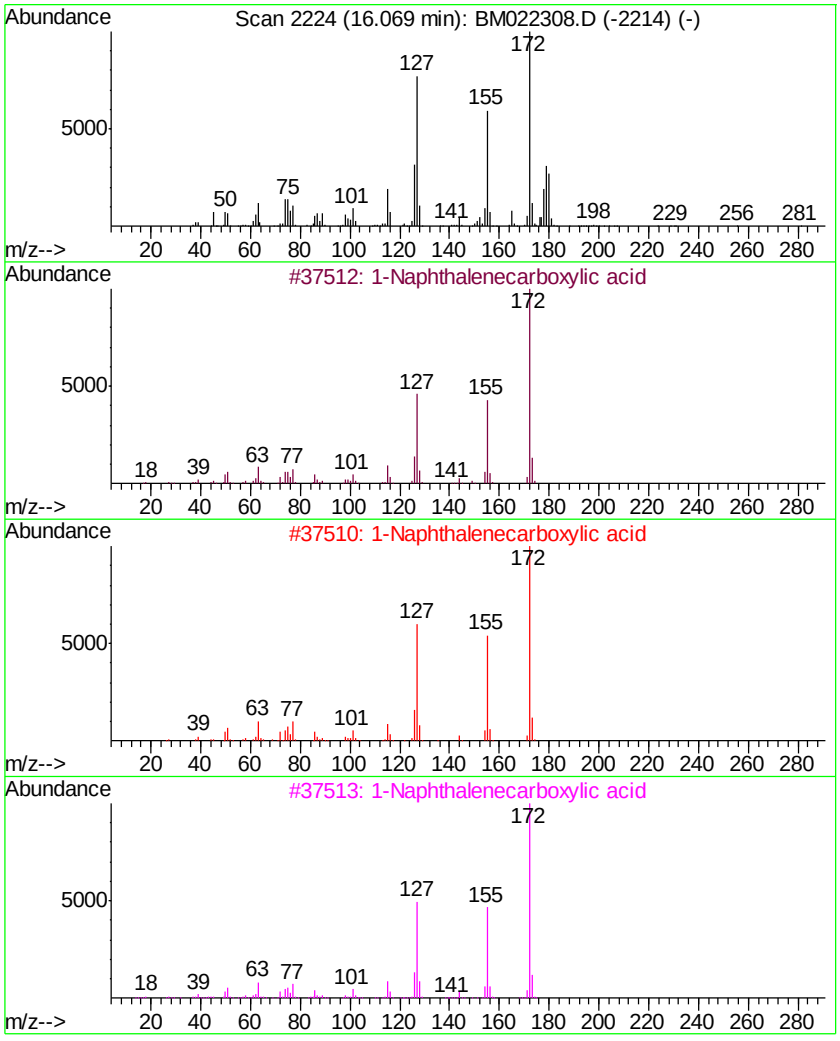
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

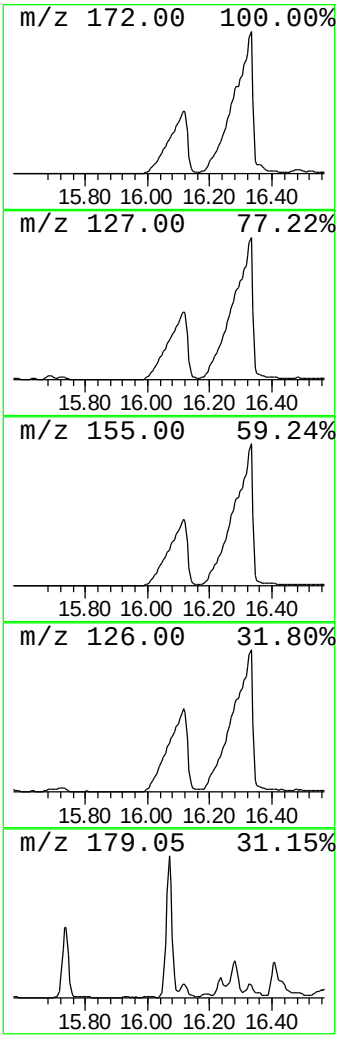
****

Peak Number 26 1-Naphthalenecarboxylic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	27.02 ng/ul	5368970	Phenanthrene-d10	16.99

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	93
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	92
4	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	90
5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

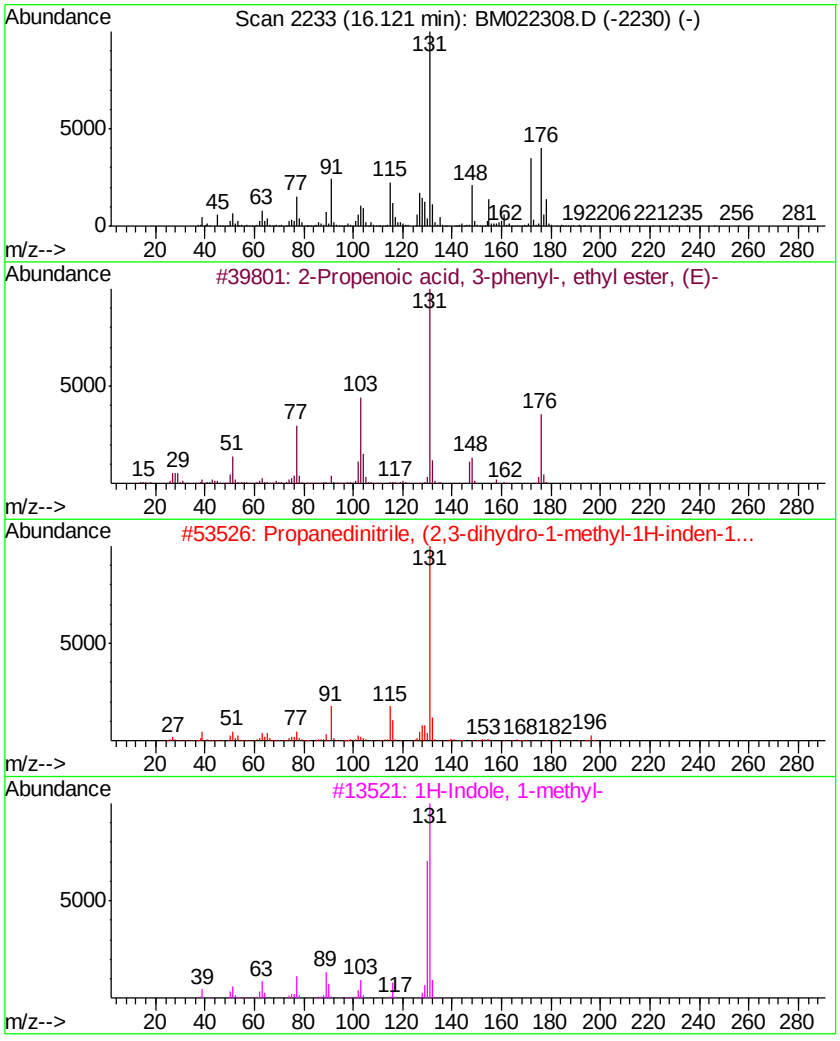
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

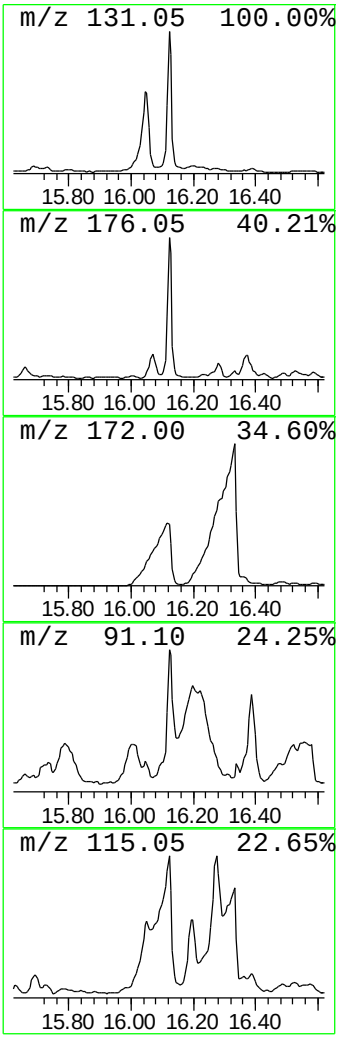
****

Peak Number 27 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	29.74 ng/ul	5908570	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	47
2	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	43
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	41
4	3-Chlorotricyclo[5.2.1.0(4,8)]de...	166	C10H11Cl	074876-43-0	38
5	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

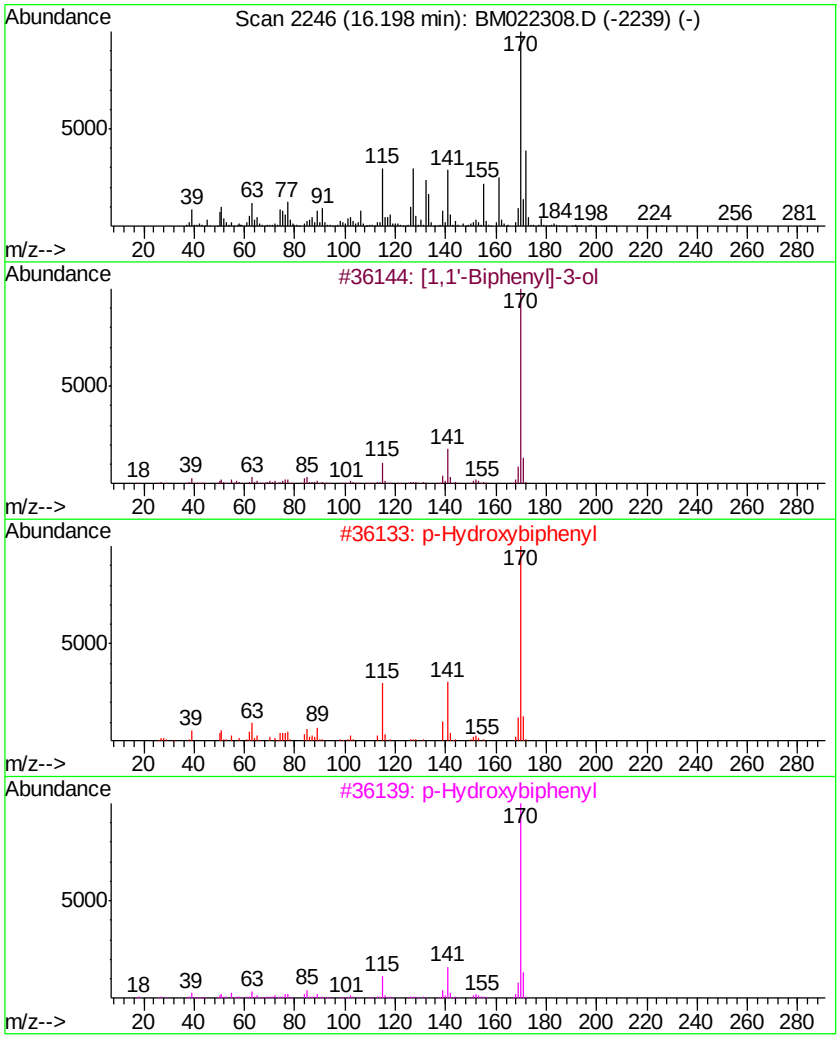
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

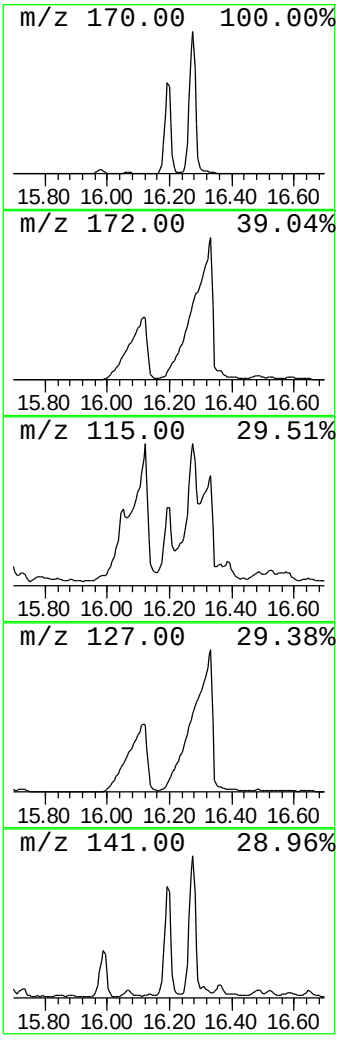
****

Peak Number 28 [1,1'-Biphenyl]-3-ol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	16.27 ng/ul	3232600	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	84
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	66
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	52
4	Benzene, 2-chloro-5-methoxy-1,3-...	170	C9H11ClO	006981-15-3	50
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

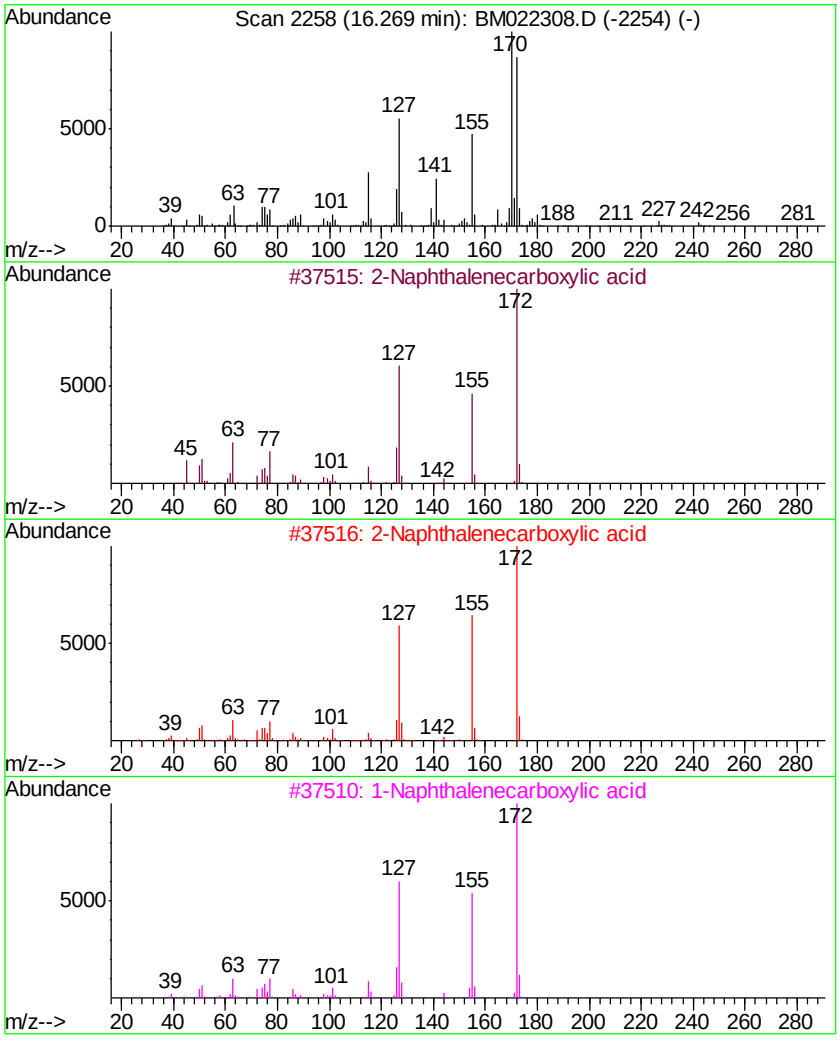
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

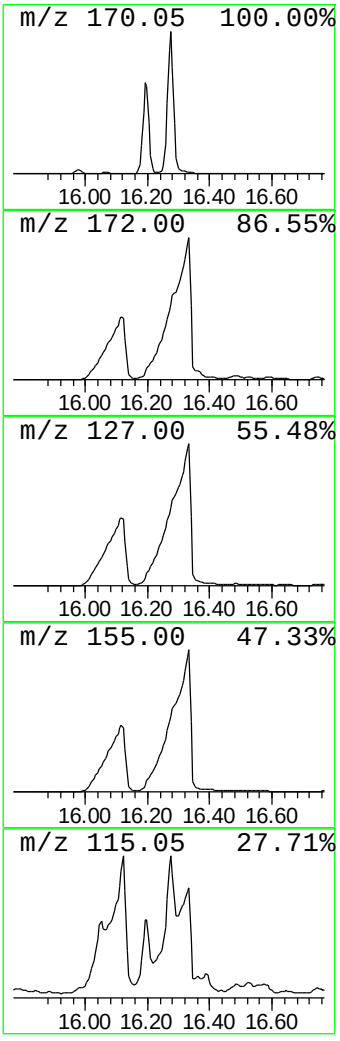
****

Peak Number 29 2-Naphthalenecarboxylic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	25.52 ng/ul	5070880	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	78
2	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	70
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	70
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	55
5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

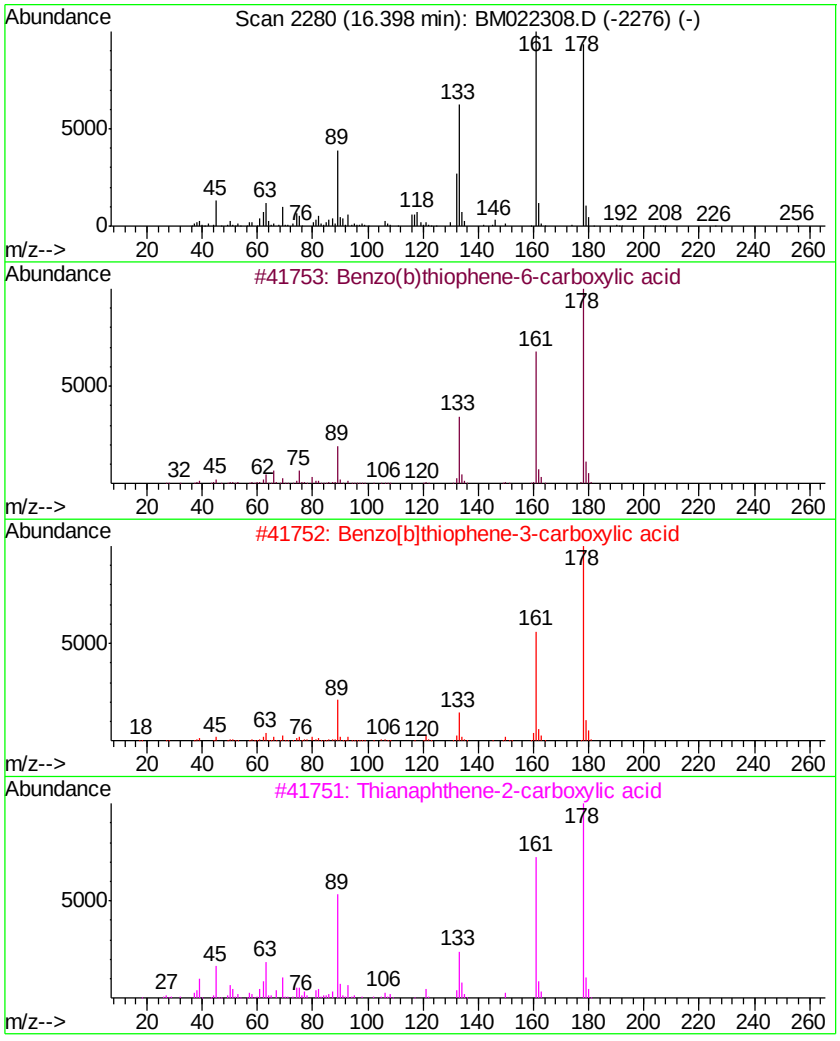
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

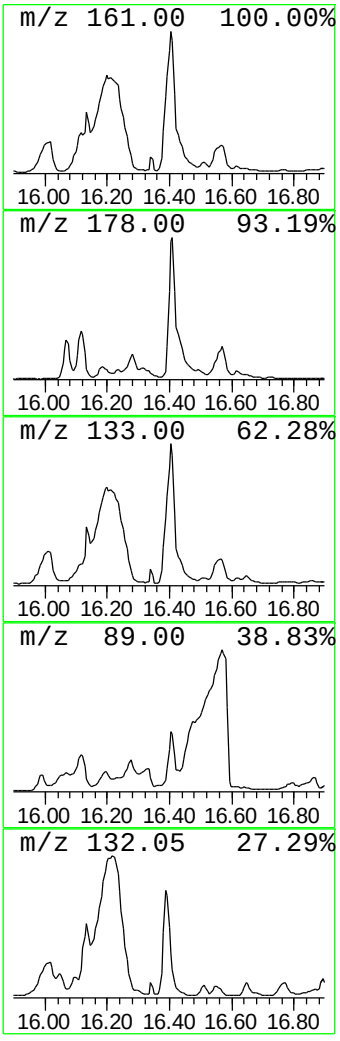
****

Peak Number 31 Benzo(b)thiophene-6-carboxy... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	8.08 ng/ul	1605260	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)thiophene-6-carboxylic acid	178	C9H6O2S	006179-26-6	91
2	Benzo[b]thiophene-3-carboxylic acid	178	C9H6O2S	005381-25-9	90
3	Thianaphthene-2-carboxylic acid	178	C9H6O2S	006314-28-9	49
4	p-Methoxycinnamic acid, geranyl ...	314	C20H26O3	1000196-51-5	42
5	2H-1-Benzopyran-2-one, 6-amino-	161	C9H7NO2	014415-44-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

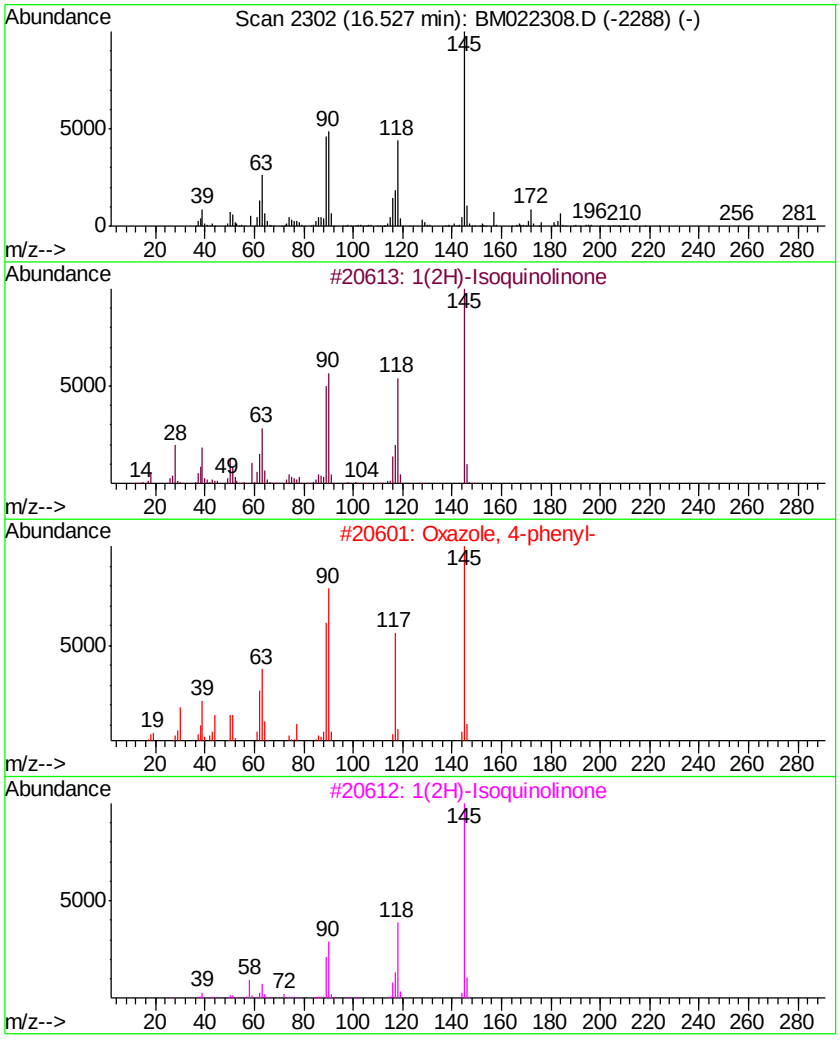
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

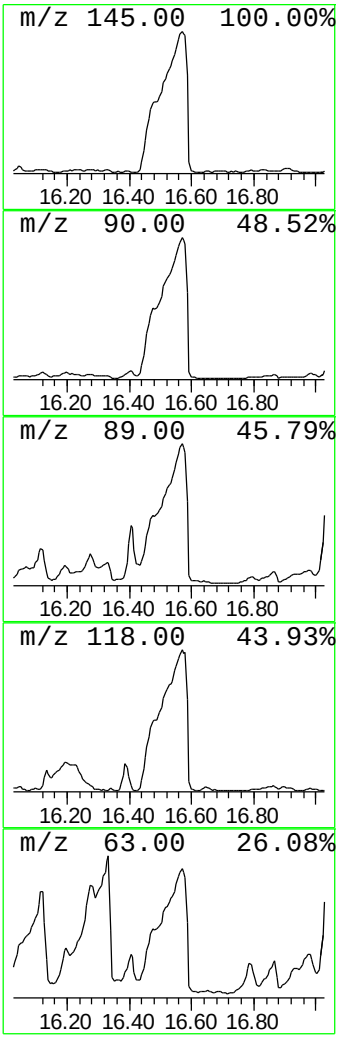
****

Peak Number 32 1(2H)-Isoquinolinone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	18.50 ng/ul	3675760	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	98
2	Oxazole, 4-phenyl-	145	C9H7NO	020662-89-9	76
3	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	74
4	5-Isoquinolinol	145	C9H7NO	002439-04-5	72
5	Oxazole, 2-phenyl-	145	C9H7NO	020662-88-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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

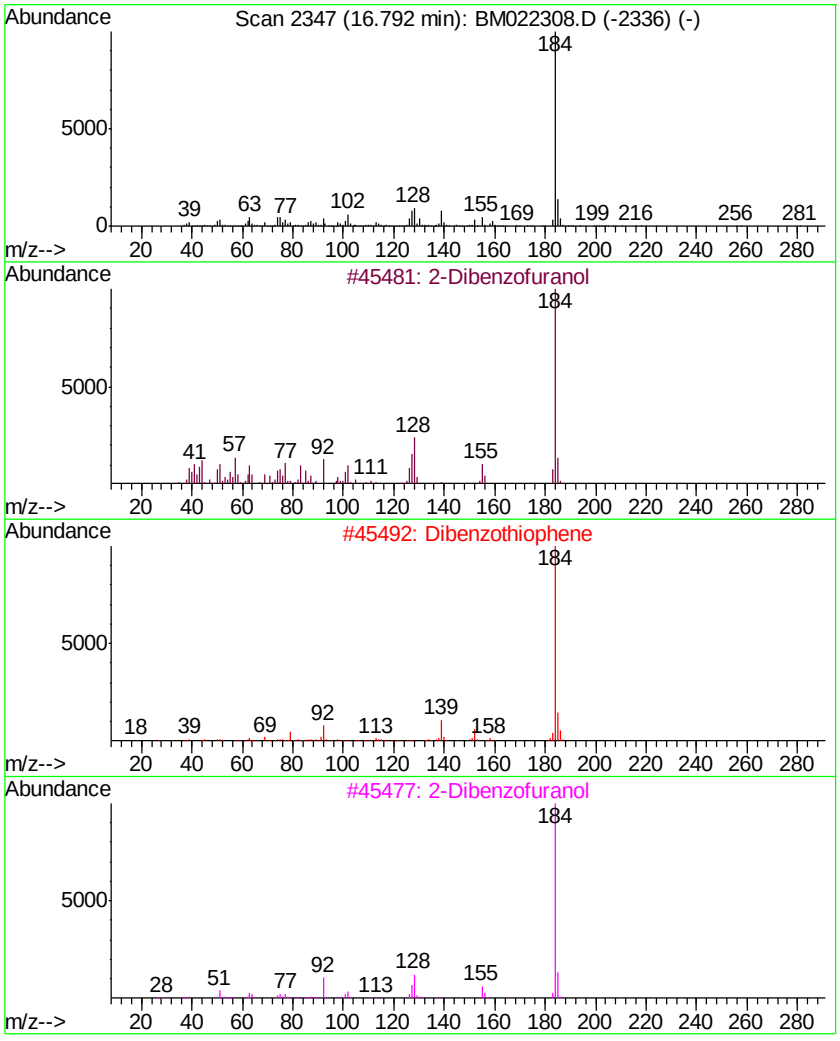
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

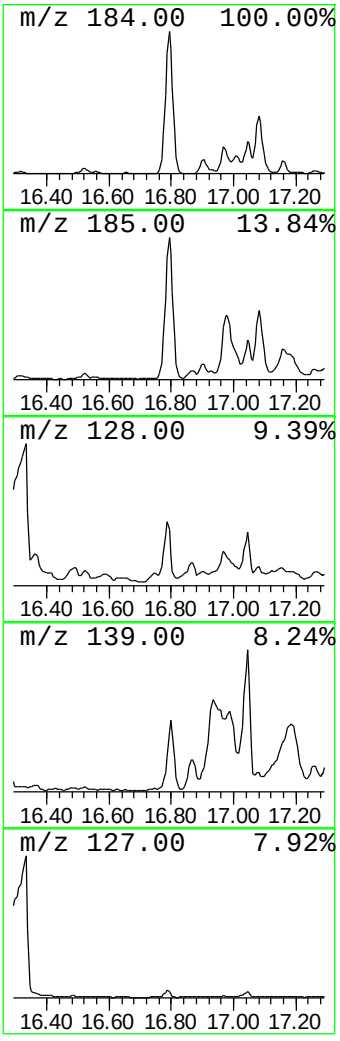
****

Peak Number 33 2-Dibenzofuranol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	16.04 ng/ul	3187220	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	80
2	Dibenzothiophene	184	C12H8S	000132-65-0	76
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	64
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	64
5	Acetic acid N'-(4-chloro-phenyl)...	184	C8H9ClN2O	1000294-84-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2

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
Benzene, 1,2,3-tr...	7.19	20.0	ng/ul	687739	1	7.56	687739	20.0
Indane	7.92	333.3	ng/ul	11459700	1	7.56	687739	20.0
Benzene, 1-propynyl-	8.07	19.6	ng/ul	672506	1	7.56	687739	20.0
Naphthalene, 1-me...	12.26	4.1	ng/ul	25726000	2	10.40	125320000	20.0
1H-Inden-5-ol, 2,...	12.43	24.6	ng/ul	2618680	3	14.22	2131350	20.0
Phenol, 2,3,4,6-t...	12.63	11.4	ng/ul	1213030	3	14.22	2131350	20.0
unknown-01	12.69	6.3	ng/ul	670549	3	14.22	2131350	20.0
Naphthalene, 1-et...	13.23	9.2	ng/ul	979996	3	14.22	2131350	20.0
Naphthalene, 1,6-...	13.36	31.9	ng/ul	3402840	3	14.22	2131350	20.0
Naphthalene, 1,3-...	13.53	33.1	ng/ul	3530560	3	14.22	2131350	20.0
Naphthalene, 2,7-...	13.58	14.8	ng/ul	1573870	3	14.22	2131350	20.0
6-Methyl-4-indanol	13.73	9.5	ng/ul	1008460	3	14.22	2131350	20.0
Naphthalene, 2,6-...	13.77	9.9	ng/ul	1060090	3	14.22	2131350	20.0
Indene	14.10	8.4	ng/ul	897069	3	14.22	2131350	20.0
2-Naphthalenecarb...	14.39	38.2	ng/ul	4066390	3	14.22	2131350	20.0
o-Hydroxybiphenyl	14.52	43.1	ng/ul	4589380	3	14.22	2131350	20.0
Phenol, 2,3,4,5-t...	14.78	10.7	ng/ul	1135230	3	14.22	2131350	20.0
trans-4-Phenyl-3-...	14.87	33.8	ng/ul	3604920	3	14.22	2131350	20.0
1-Naphthalenol, 2...	15.54	41.5	ng/ul	4420190	3	14.22	2131350	20.0
1-Naphthalenol, 4...	15.69	6.4	ng/ul	1263310	4	16.99	3973490	20.0
unknown-02	15.73	8.9	ng/ul	1765160	4	16.99	3973490	20.0
1(2H)-Quinolineca...	15.80	3.8	ng/ul	751598	4	16.99	3973490	20.0
1(2H)-Acenaphthyl...	15.99	14.4	ng/ul	2869230	4	16.99	3973490	20.0
1-Naphthalenecarb...	16.07	27.0	ng/ul	5368970	4	16.99	3973490	20.0
unknown-03	16.12	29.7	ng/ul	5908570	4	16.99	3973490	20.0
[1,1'-Biphenyl]-3-ol	16.20	16.3	ng/ul	3232600	4	16.99	3973490	20.0
2-Naphthalenecarb...	16.27	25.5	ng/ul	5070880	4	16.99	3973490	20.0
Benzo(b)thiophene...	16.40	8.1	ng/ul	1605260	4	16.99	3973490	20.0
1(2H)-Isoquinolinone	16.53	18.5	ng/ul	3675760	4	16.99	3973490	20.0
2-Dibenzofuranol	16.79	16.0	ng/ul	3187220	4	16.99	3973490	20.0