LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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	6.916	663	668	682	rBV	89695	150994	0.59%	0.219%
2	7.092	693	698	710	rBB	114971	192553	0.75%	0.280%
3	7.557	771	777	784	rBB	141862	217515	0.85%	0.316%
4	7.910	828	837	846	rBB	345649	542337	2.12%	0.788%
5	8.081	860	866	874	rBB	147707	224490	0.88%	0.326%
6	8.275	894	899	909	rVB2	92251	153326	0.60%	0.223%
7	8.728	967	976	984	rVB	156079	267125	1.05%	0.388%
8	8.975	1013	1018	1022	rBV	101573	175130	0.69%	0.254%
9	9.022	1022	1026	1031	rVV2	65473	121585	0.48%	0.177%
10	9.439	1091	1097	1104	rBB	152802	240068	0.94%	0.349%
11	9.563	1110	1118	1125	rBV2	142269	240429	0.94%	0.349%
12	9.969	1181	1187	1197	rBV2	233142	454110	1.78%	0.660%
13	10.233	1227	1232	1236	rBV2	53647	98260	0.38%	0.143%
14	10.339	1243	1250	1252	rBV	150558	285060	1.12%	0.414%
15	10.416	1252	1263	1267	rVV	14015201	25555515	100.00%	37.131%
16	10.510	1270	1279	1286	rBV	862731	1561938	6.11%	2.269%
17	10.928	1345	1350	1354	rBV	110153	170267	0.67%	0.247%
18	11.369	1418	1425	1429	rBV	202054	328121	1.28%	0.477%
19	11.422	1429	1434	1438	rBV	141979	234837	0.92%	0.341%
20	11.757	1486	1491	1501	rVB2	62499	107800	0.42%	0.157%
21	11.892	1503	1514	1521	rBV7	65492	217444	0.85%	0.316%
22	11.957	1521	1525	1528	rBV	67333	102096	0.40%	0.148%
23	12.004	1528	1533	1538	rVB	999131	1488201	5.82%	2.162%
24	12.063	1538	1543	1548	rBV3	91301	172134	0.67%	0.250%
25	12.122	1548	1553	1559	rVB2	349562	544179	2.13%	0.791%
26	12.227	1562	1571	1582	rVB	775424	1337122	5.23%	1.943%
27	12.351	1584	1592	1597	rBV	182500	268794	1.05%	0.391%
28	12.410	1597	1602	1605	rBV5	49468	103080	0.40%	0.150%
29	12.539	1619	1624	1633	rVB	79242	135801	0.53%	0.197%
30	12.627	1633	1639	1644	rBV5	94302	190834	0.75%	0.277%
31	12.722	1650	1655	1663	rVB	121437	204380	0.80%	0.297%
32	12.951	1689	1694	1699	rBV3	75589	136285	0.53%	0.198%
33	13.033	1699	1708	1728	rVB3	252869	741096	2.90%	1.077%
34	13.227	1728	1741	1743	rBV3	48606	111770	0.44%	0.162%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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	13.357	1756	1763	1771	rBV4	193061	409217	1.60%	0.595%
36	13.486	1780	1785	1788	rBV	103902	150009	0.59%	0.218%
37	13.521	1788	1791	1796	rVV2	60264	108295	0.42%	0.157%
38	13.574	1796	1800	1805	rVB3	63281	97947	0.38%	0.142%
39	13.645	1805	1812	1816	rBV	509721	715177	2.80%	1.039%
40	13.686	1816	1819	1821	rVV2	84818	102205	0.40%	0.148%
41	13.716	1821	1824	1829	rVB	167645	231712	0.91%	0.337%
42	13.774	1829	1834	1838	rBV2	75254	129293	0.51%	0.188%
43	13.904	1850	1856	1872	rVB	581169	1103088	4.32%	1.603%
44	14.180	1898	1903	1904	rBV	72498	90216	0.35%	0.131%
45	14.216	1904	1909	1914	rVV	367553	552686	2.16%	0.803%
46	14.280	1914	1920	1927	rVV	1016389	1469317	5.75%	2.135%
47	14.368	1927	1935	1939	rVV2	180078	318852	1.25%	0.463%
48	14.421	1939	1944	1952	rVB	193110	321978	1.26%	0.468%
49	14.498	1952	1957	1960	rBV	222499	350157	1.37%	0.509%
50	14.533	1960	1963	1967	rVV	230430	332905	1.30%	0.484%
51	14.616	1971	1977	1981	rVV	339511	534685	2.09%	0.777%
52	14.663	1981	1985	1993	rVV2	214160	367305	1.44%	0.534%
53	14.751	1993	2000	2009	rVV2	109309	262077	1.03%	0.381%
54	14.851	2014	2017	2026	rVB3	49359	92850	0.36%	0.135%
55	15.145	2059	2067	2070	rBV	110120	193091	0.76%	0.281%
56	15.215	2073	2079	2084	rVV	793140	1131350	4.43%	1.644%
57	15.274	2084	2089	2094	rVV	360266	531506	2.08%	0.772%
58	15.380	2102	2107	2113	rVV2	278019	534652	2.09%	0.777%
59	15.439	2113	2117	2122	rVV3	141181	276473	1.08%	0.402%
60	15.527	2122	2132	2143	rVV4	219280	657047	2.57%	0.955%
61	15.627	2143	2149	2153	rVV	257920	367463	1.44%	0.534%
62	15.674	2153	2157	2161	rVV	204527	306112	1.20%	0.445%
63	15.721	2161	2165	2174	rVB3	130174	240114	0.94%	0.349%
64	16.021	2202	2216	2229	rBV4	1116882	3337248	13.06%	4.849%
65	16.127	2229	2234	2240	rBV	86296	158715	0.62%	0.231%
66	16.210	2240	2248	2252	rVB2	319466	650759	2.55%	0.946%
67	16.268	2252	2258	2260	rBV	368279	620134	2.43%	0.901%
68	16.510	2290	2299	2303	rBV4	65002	125378	0.49%	0.182%
69	16.610	2303	2316	2320	rBV	346120	895618	3.50%	1.301%
70	16.727	2327	2336	2341	rBV	282114	533460	2.09%	0.775%
71	16.780	2341	2345	2350	rVB2	120472	200207	0.78%	0.291%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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	16.933	2361	2371	2373	rBV	315414	740668	2.90%	1.076%
73	16.974	2373	2378	2383	rVB2	510022	809627	3.17%	1.176%
74	17.074	2389	2395	2402	rBV	930596	1368110	5.35%	1.988%
75	17.162	2404	2410	2413	rBV	163124	328092	1.28%	0.477%
76	17.221	2418	2420	2424	rVV	163228	185117	0.72%	0.269%
77	17.268	2424	2428	2433	rVB	80699	115530	0.45%	0.168%
78	17.333	2434	2439	2441	rBV	59350	91730	0.36%	0.133%
79	17.398	2445	2450	2454	rVV	622791	932583	3.65%	1.355%
80	17.457	2456	2460	2463	rVV	228668	380197	1.49%	0.552%
81	17.504	2463	2468	2473	rVV	166780	270356	1.06%	0.393%
82	17.568	2475	2479	2487	rVB	131984	206685	0.81%	0.300%
83	17.833	2520	2524	2528	rBV	92121	121511	0.48%	0.177%
84	17.886	2528	2533	2541	rVV4	310538	557695	2.18%	0.810%
85	17.962	2542	2546	2549	rVV4	101643	172880	0.68%	0.251%
86	17.998	2549	2552	2558	rVB	125474	169190	0.66%	0.246%
87	19.015	2720	2725	2736	rBV	118098	196321	0.77%	0.285%
88	19.168	2746	2751	2758	rBV2	206868	296242	1.16%	0.430%
89	19.386	2782	2788	2793	rBV	1298177	1707175	6.68%	2.480%
90	19.833	2860	2864	2870	rVV	165875	214832	0.84%	0.312%
91	20.886	3039	3043	3051	rVB	119249	169278	0.66%	0.246%
92	21.186	3088	3094	3100	rBV	748156	968994	3.79%	1.408%
93	21.321	3113	3117	3120	rBV	86101	94612	0.37%	0.137%
94	21.744	3185	3189	3193	rBV	95156	109266	0.43%	0.159%
95	22.192	3261	3265	3274	rVB2	116667	199517	0.78%	0.290%
96	22.674	3344	3347	3353	rVB	105515	145928	0.57%	0.212%
97	23.238	3435	3443	3456	rVB	885158	1643212	6.43%	2.387%
98	23.374	3460	3466	3476	rVB	435573	798685	3.13%	1.160%
99	23.833	3540	3544	3551	rVB	83978	146418	0.57%	0.213%
100	24.544	3661	3665	3673	rVB2	58227	111670	0.44%	0.162%

Sum of corrected areas: 68826095

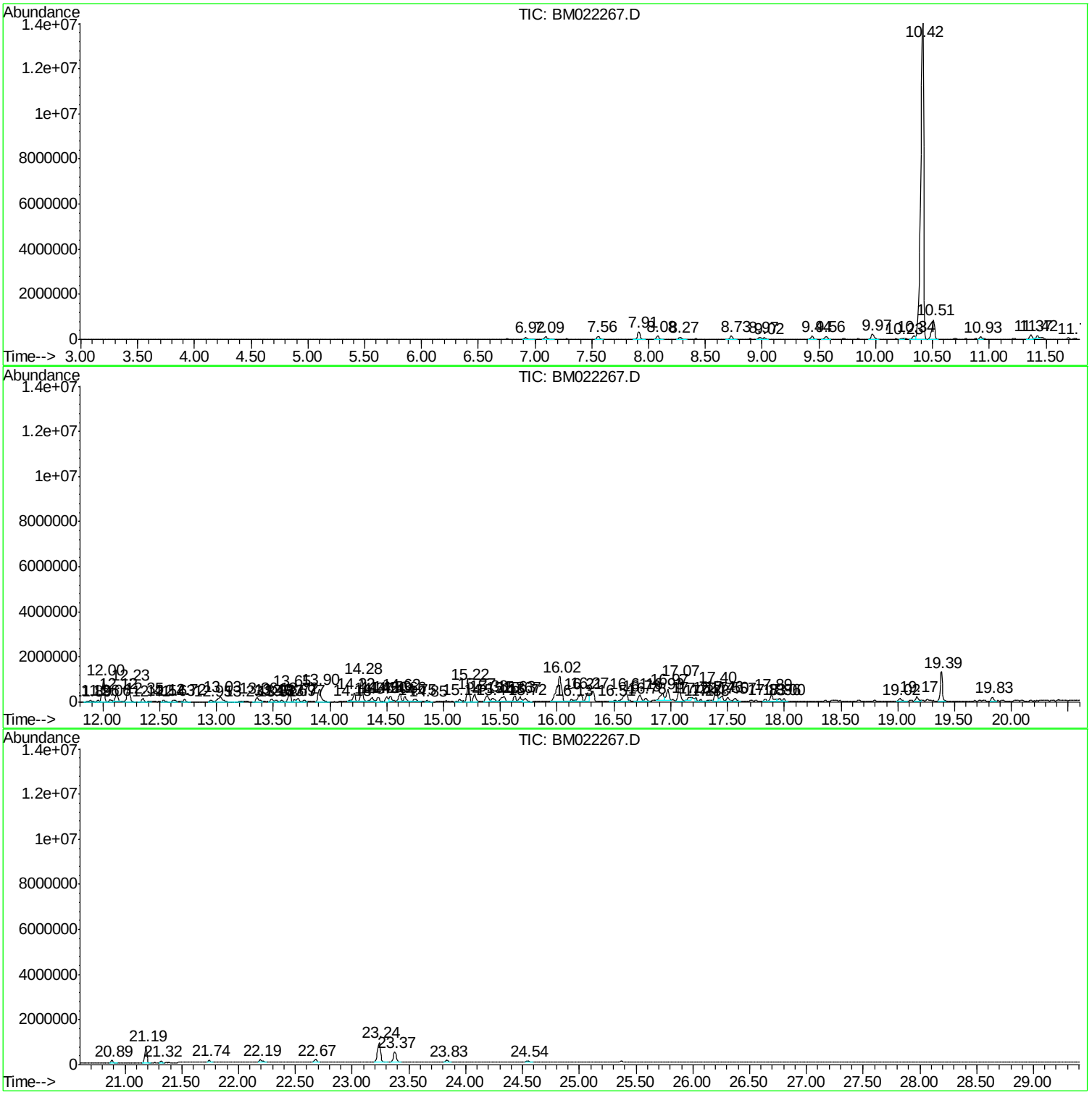
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

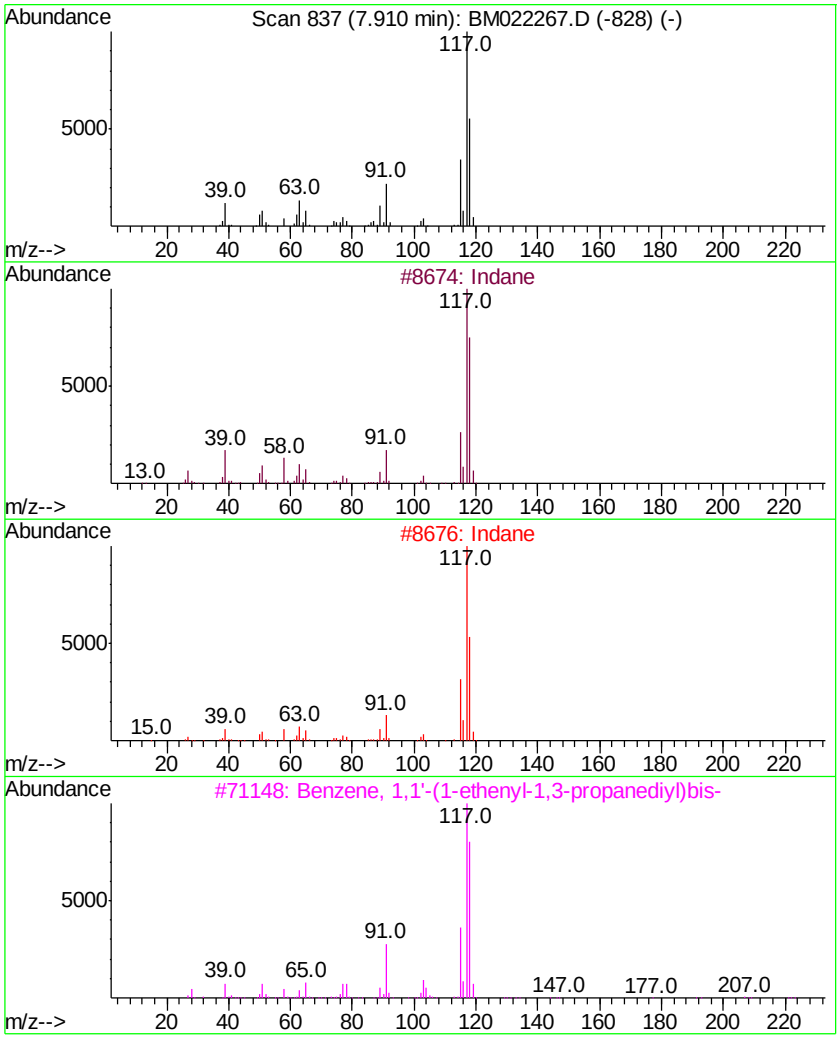
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

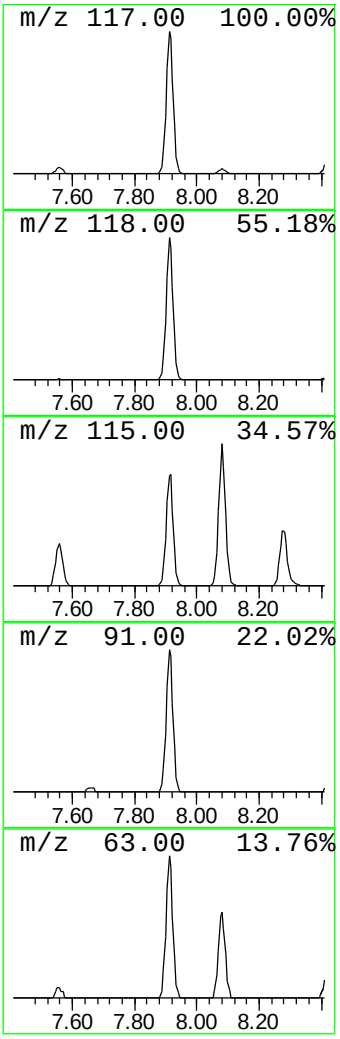
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	49.87 ng/ul	542337	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	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	72
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

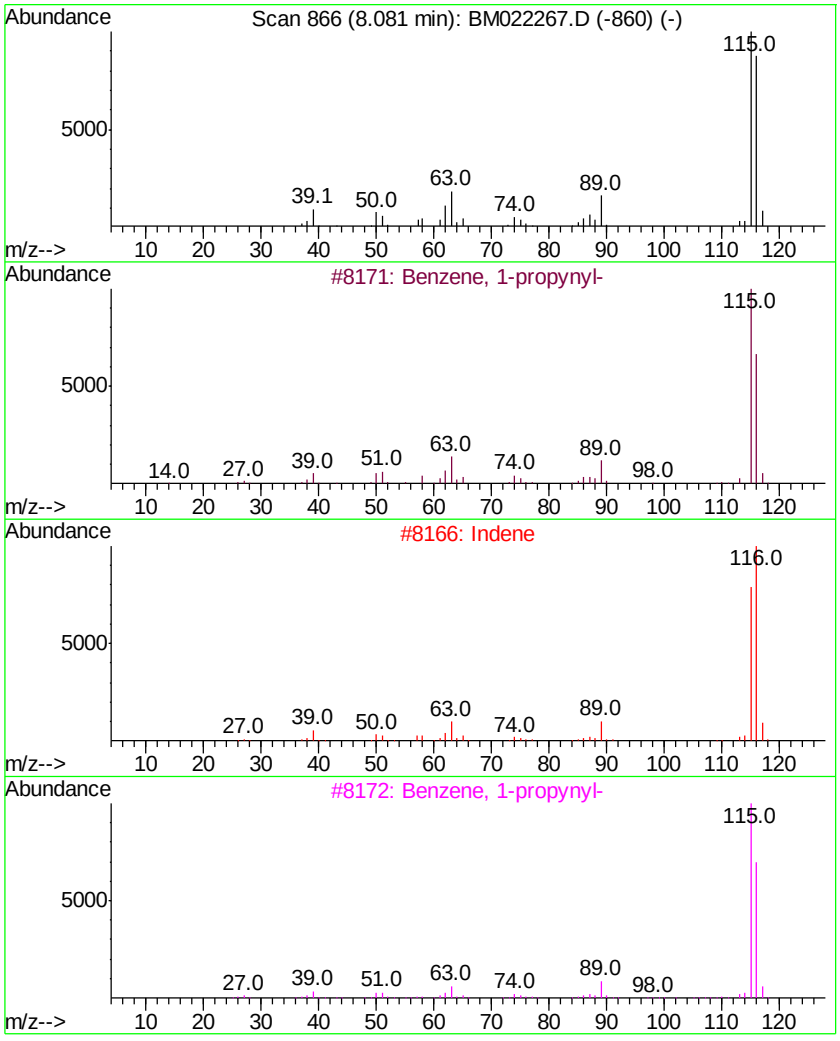
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

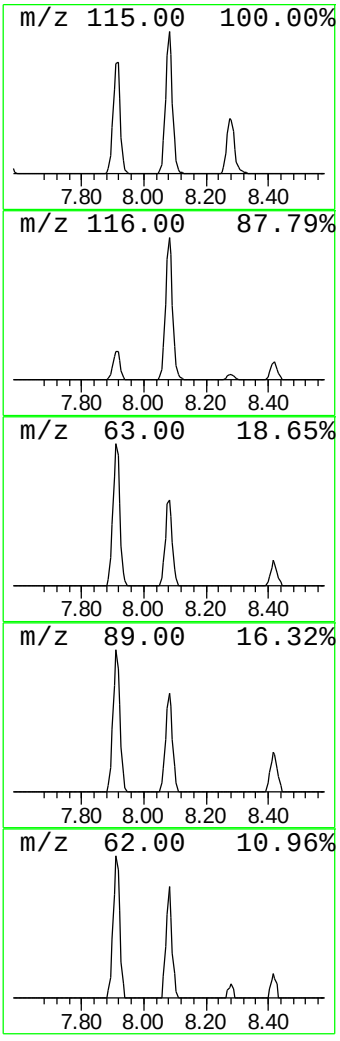
****

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	20.64 ng/ul	224490	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

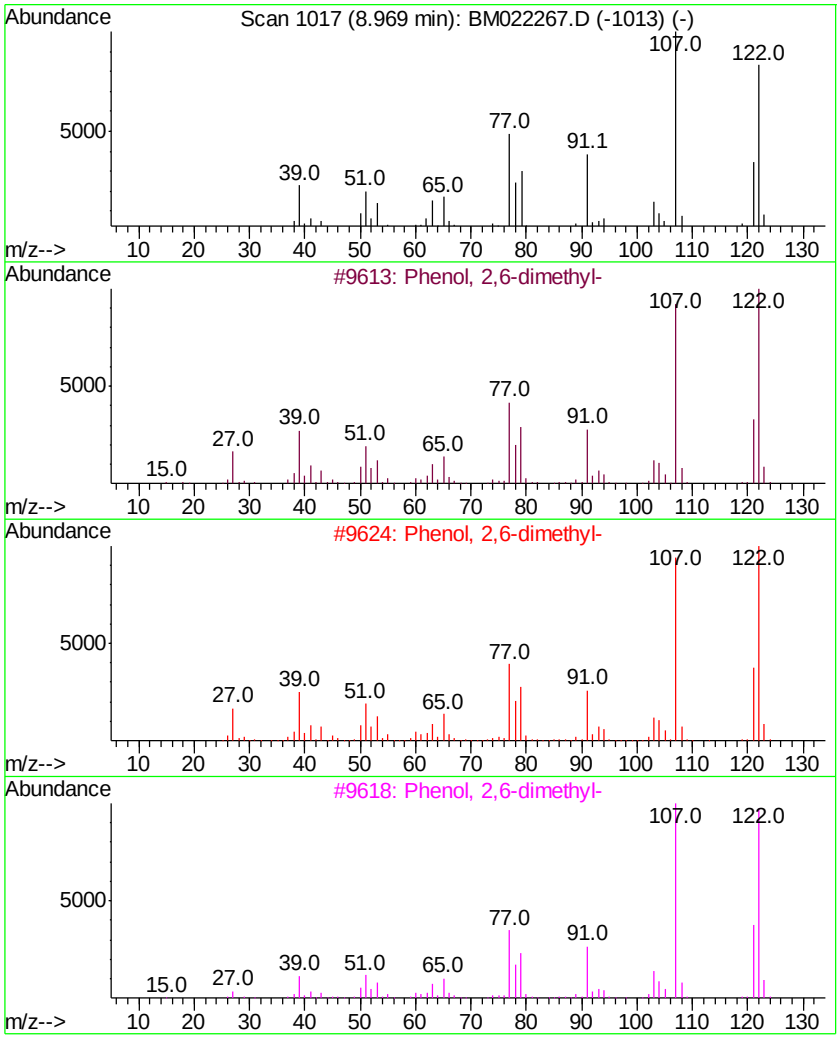
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

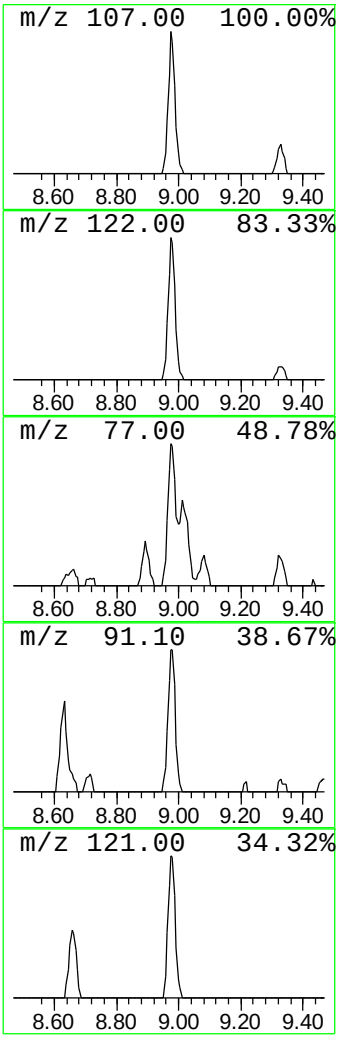
****

Peak Number 3 Phenol, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	12.29 ng/ul	175130	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	98
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	98
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

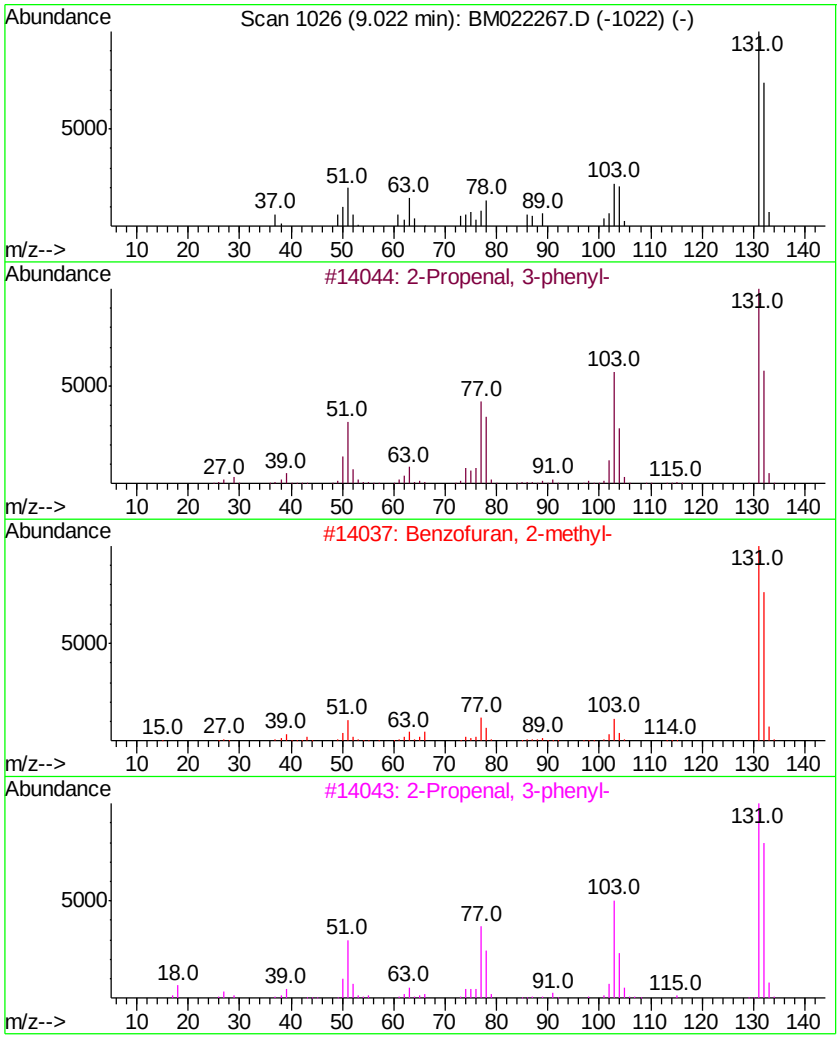
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

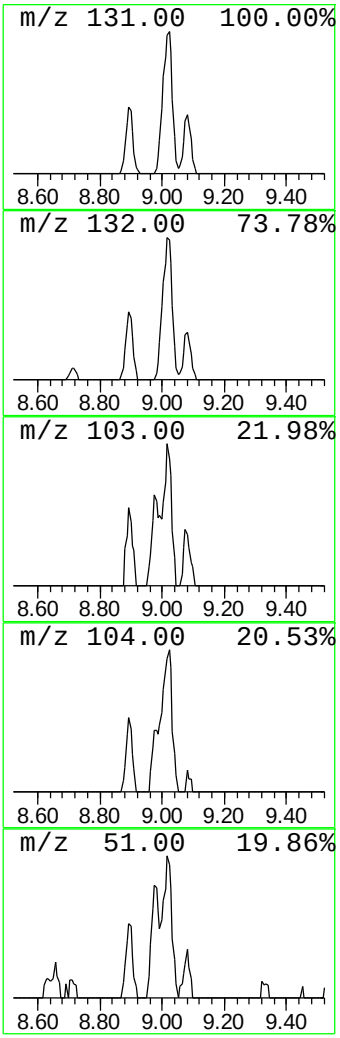
****

Peak Number 4 2-Propenal, 3-phenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	8.53 ng/ul	121585	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

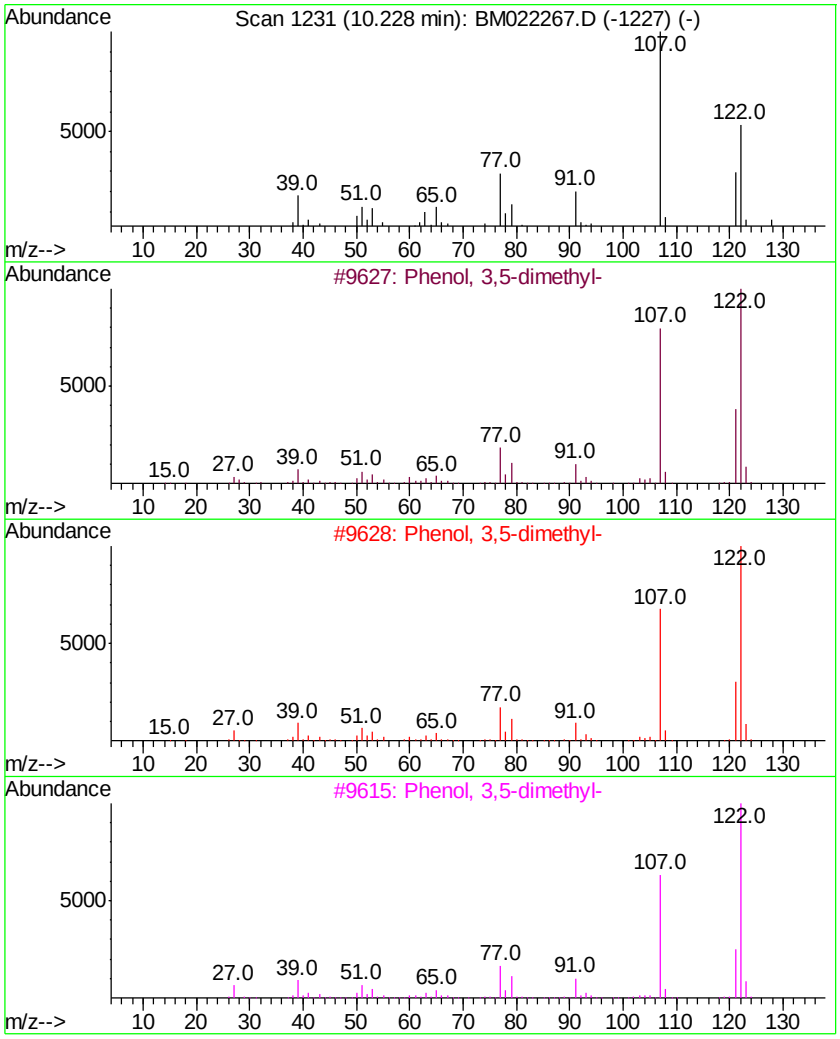
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

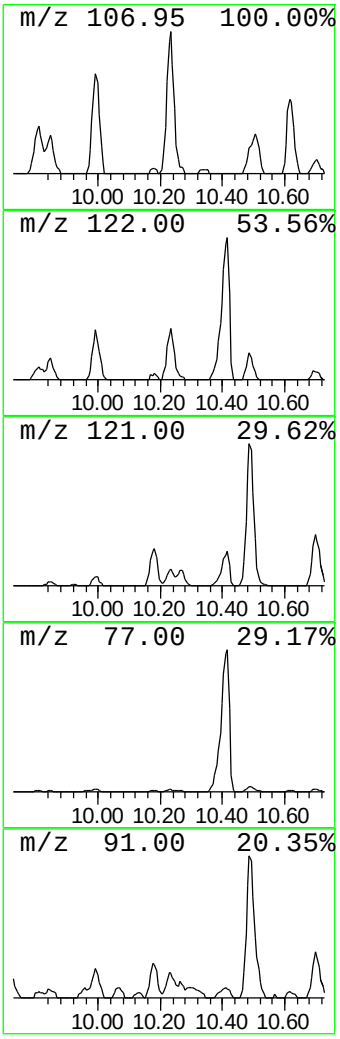
****

Peak Number 5 Phenol, 3,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	6.89 ng/ul	98260	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

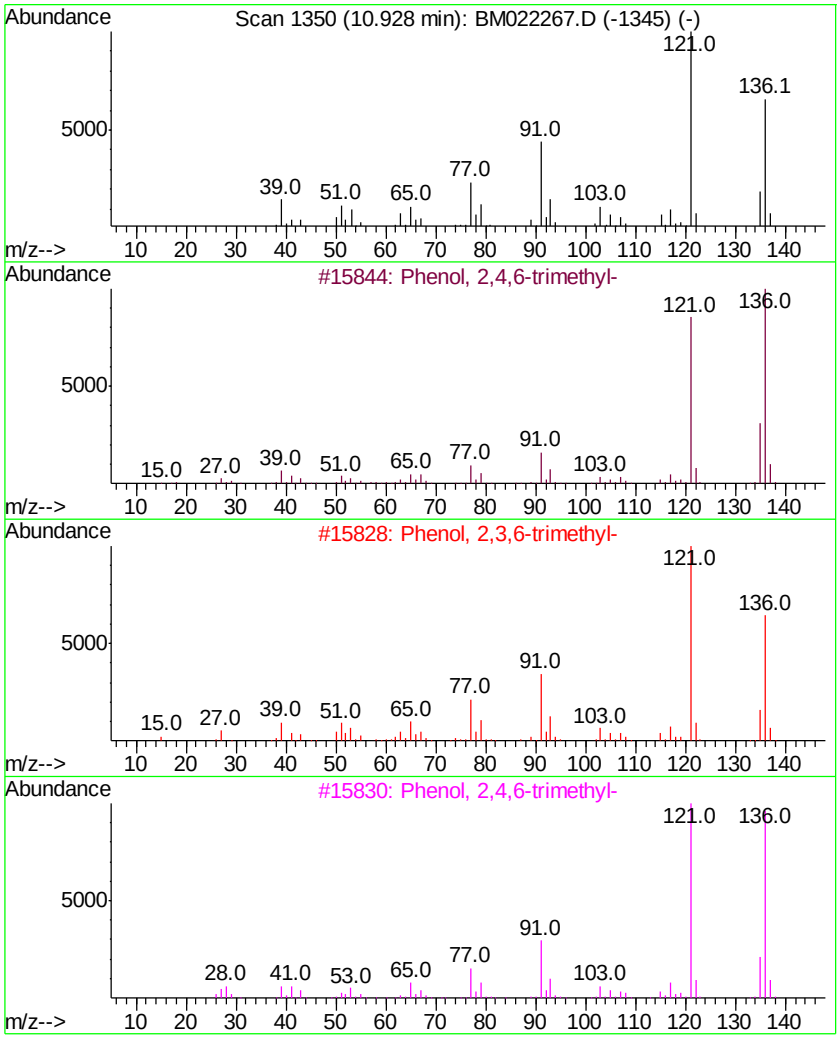
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

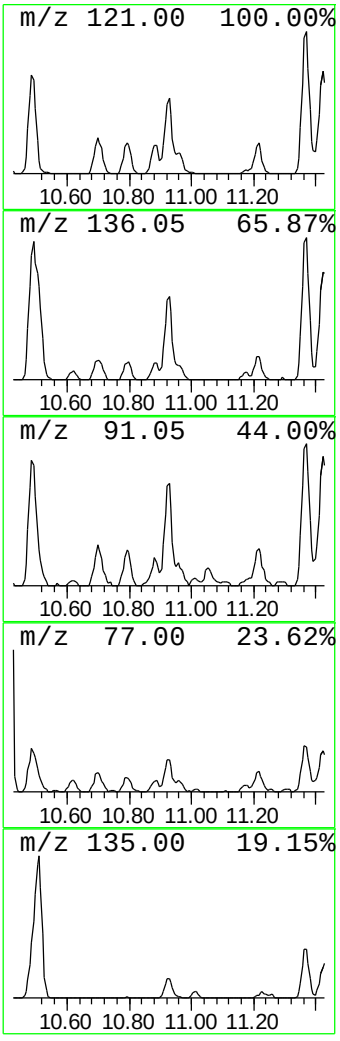
****

Peak Number 6 Phenol, 2,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	11.95 ng/ul	170267	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	96
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

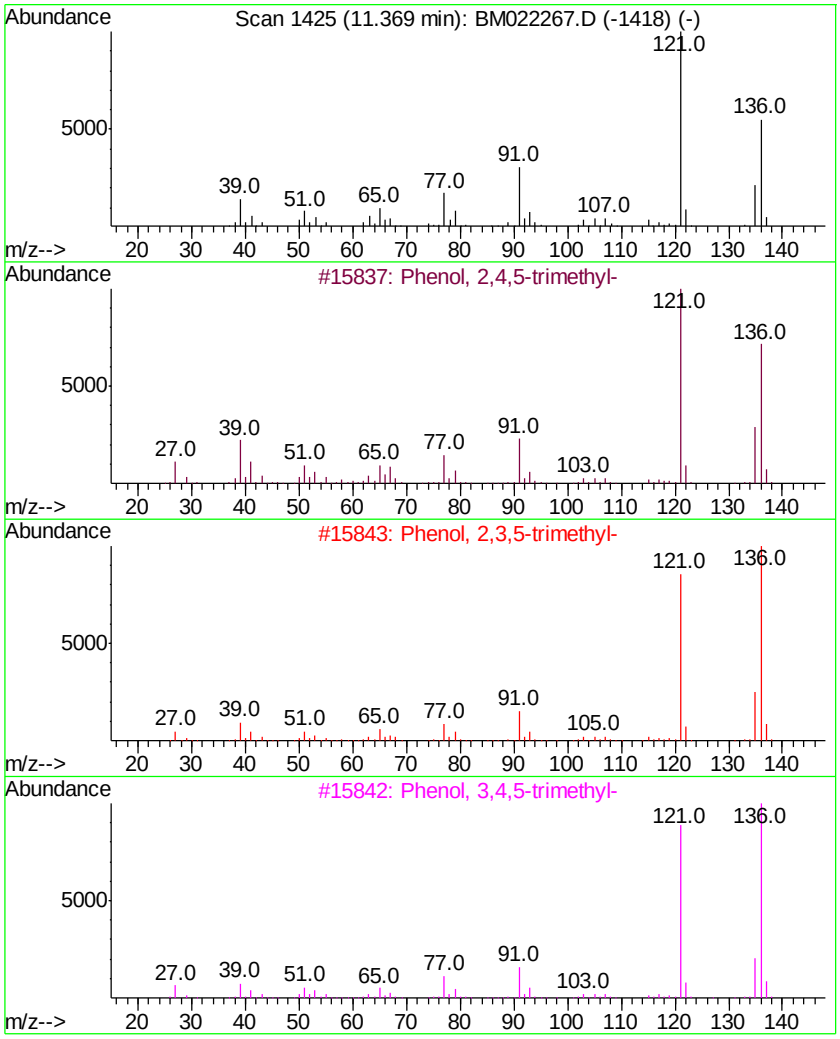
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

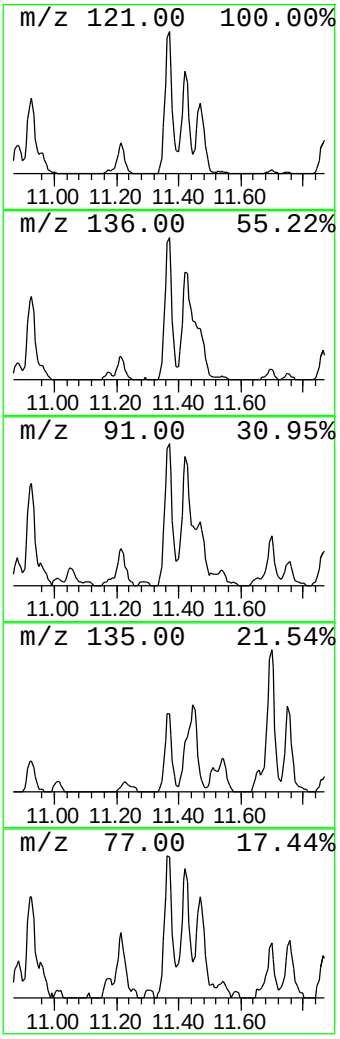
****

Peak Number 7 Phenol, 2,4,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	23.02 ng/ul	328121	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	94
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

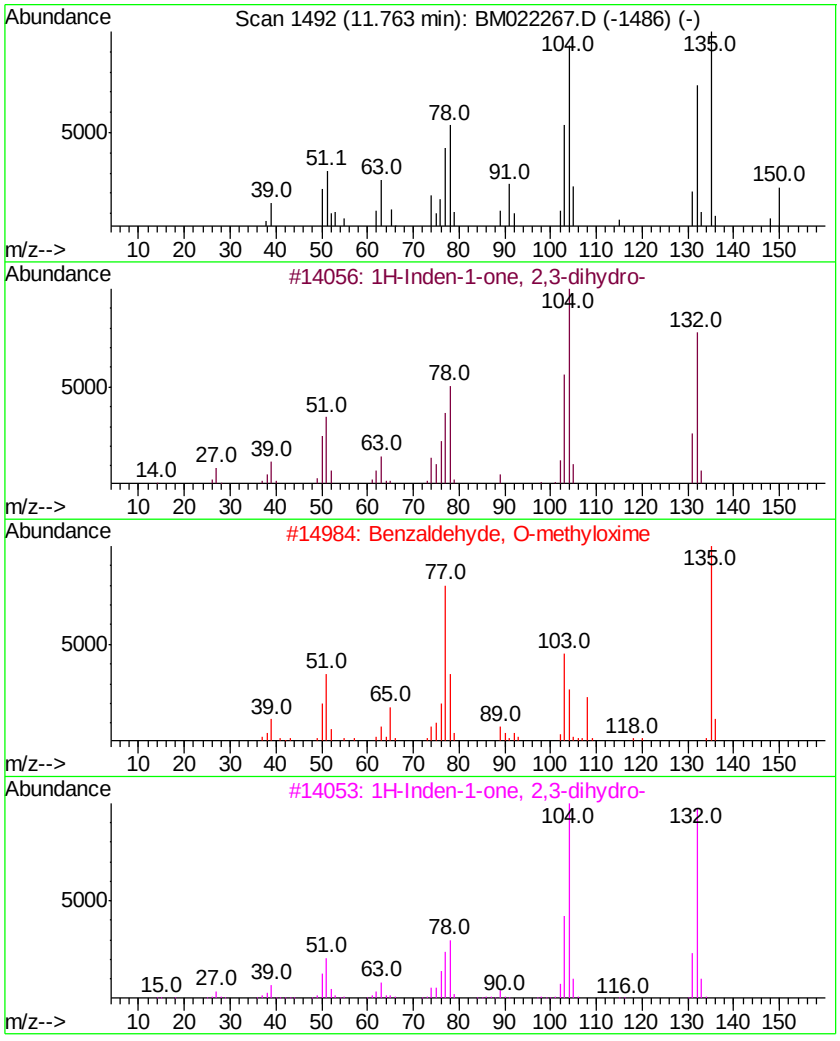
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

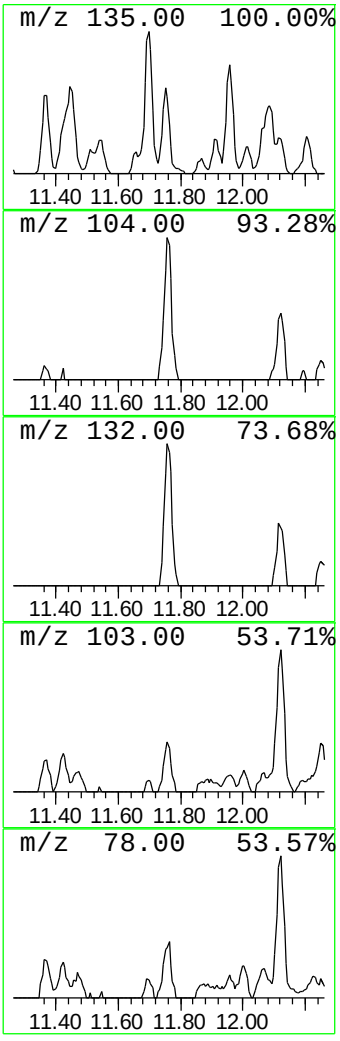
****

Peak Number 9 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	7.56 ng/ul	107800	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	50
2	Benzaldehyde, O-methyloxime	135	C8H9NO	003376-32-7	45
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	43
4	o-Isopropylanisole	150	C10H14O	002944-47-0	38
5	Methyl benzoate, imine	135	C8H9NO	007471-86-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

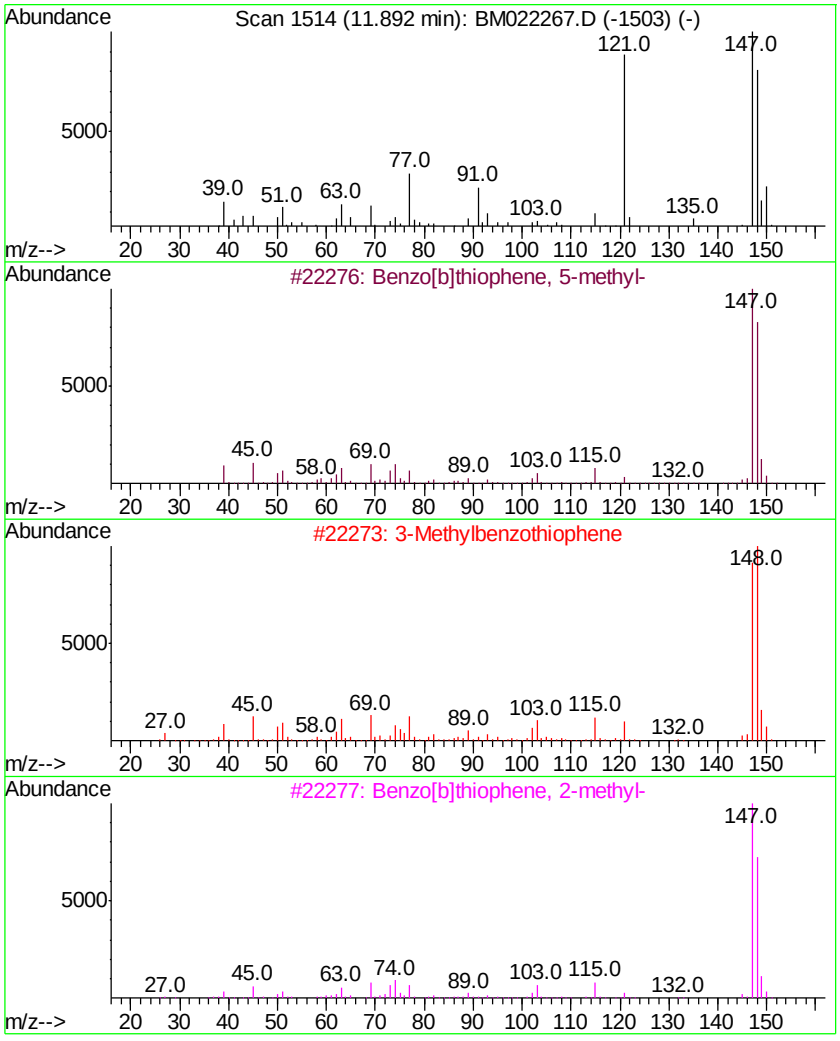
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

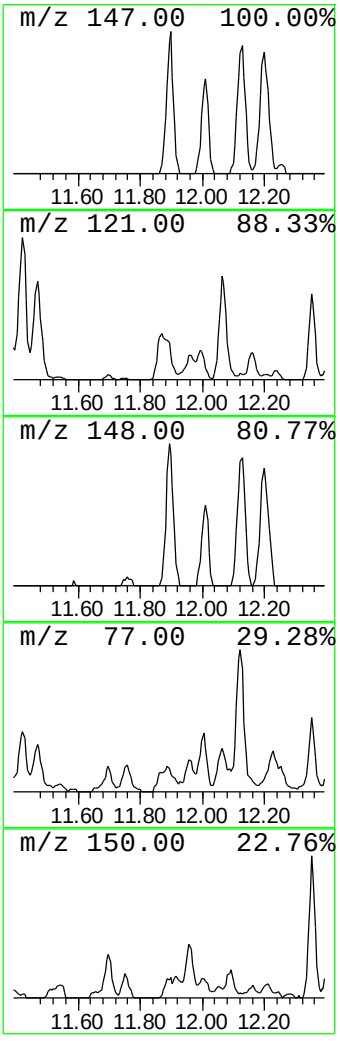
****

Peak Number 10 Benzo[b]thiophene, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	15.26 ng/ul	217444	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	55
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	52
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	49
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	46
5	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

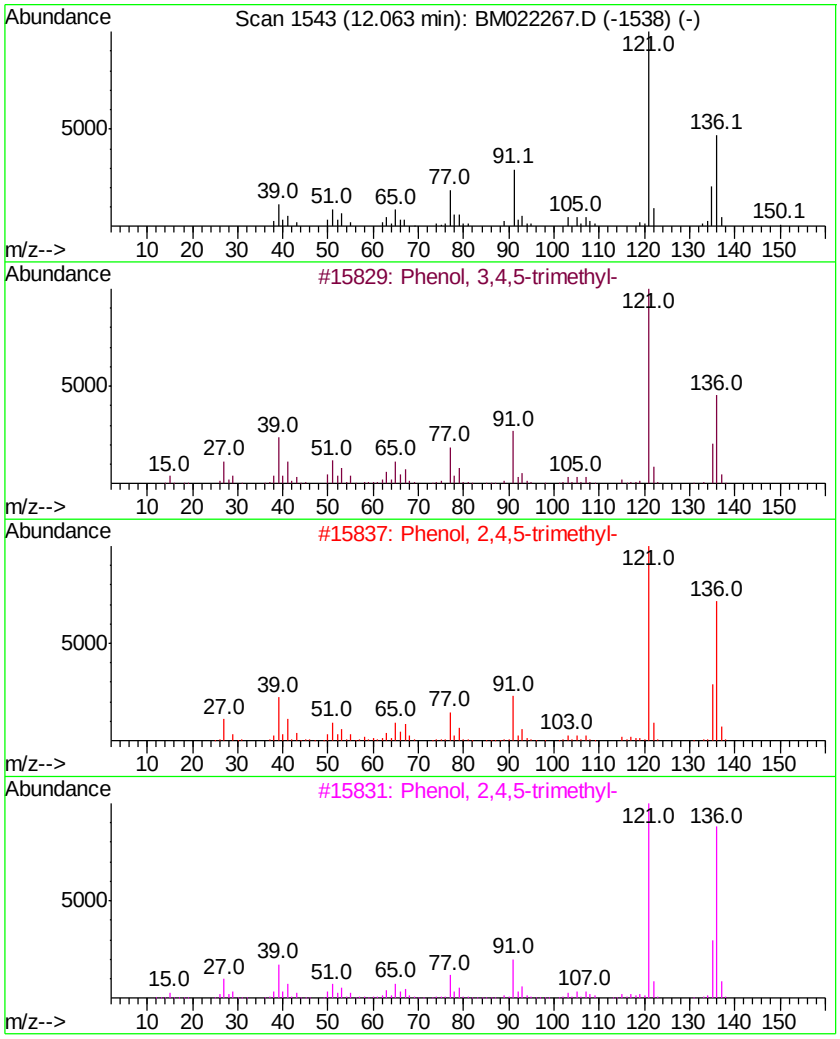
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

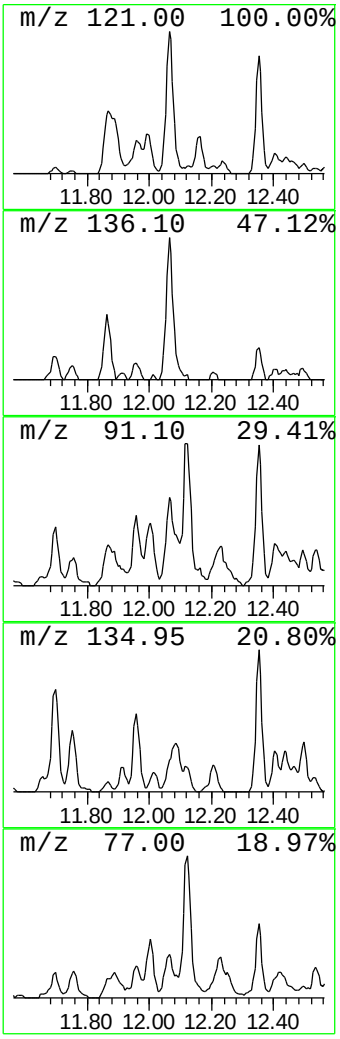
****

Peak Number 11 Phenol, 3,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	12.08 ng/ul	172134	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	97
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

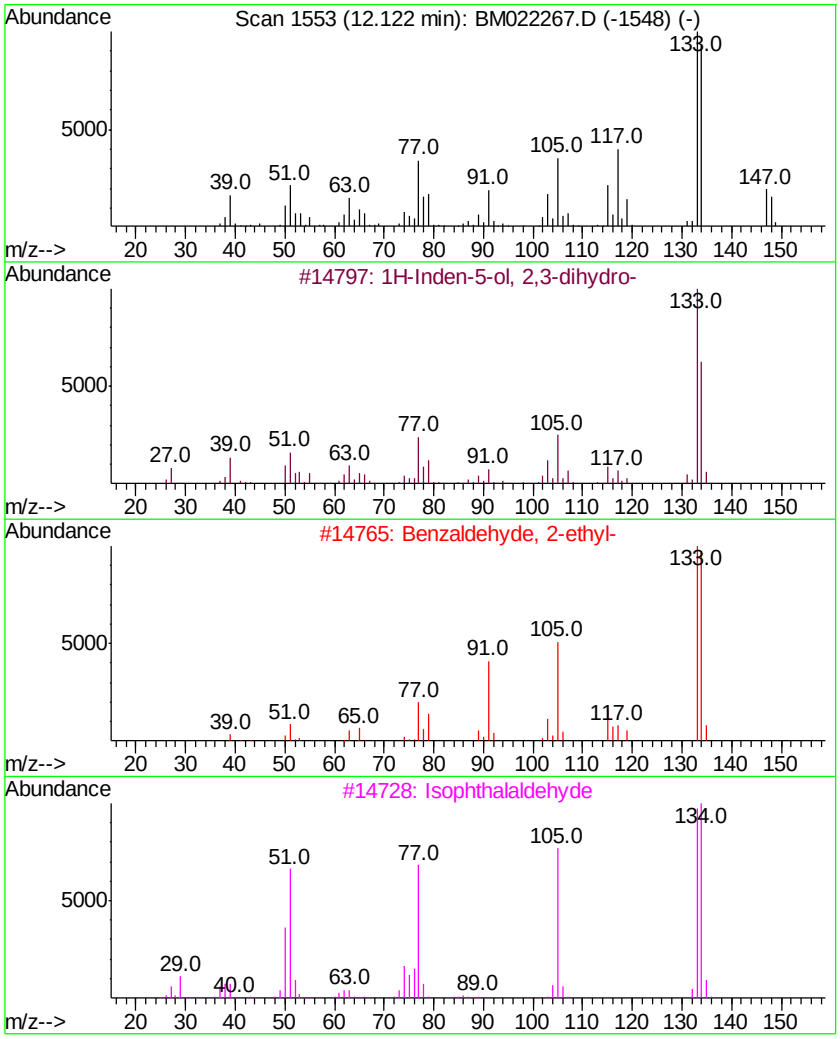
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

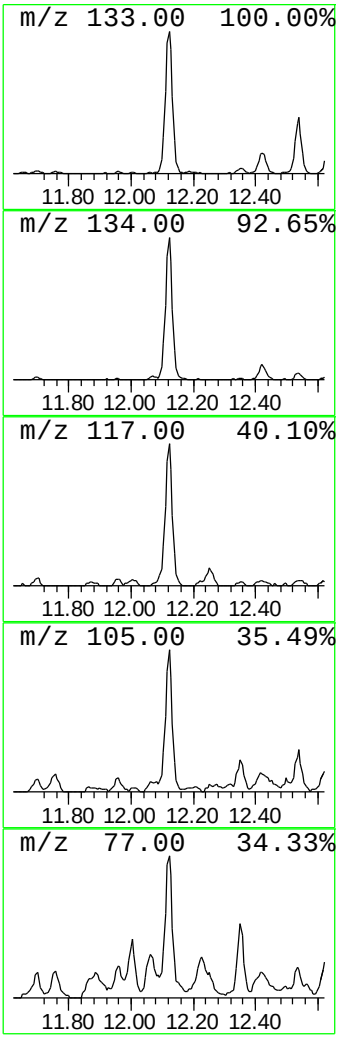
****

Peak Number 12 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	38.18 ng/ul	544179	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	86
2	Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	68
3	Isophthalaldehyde	134	C8H6O2	000626-19-7	64
4	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	62
5	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

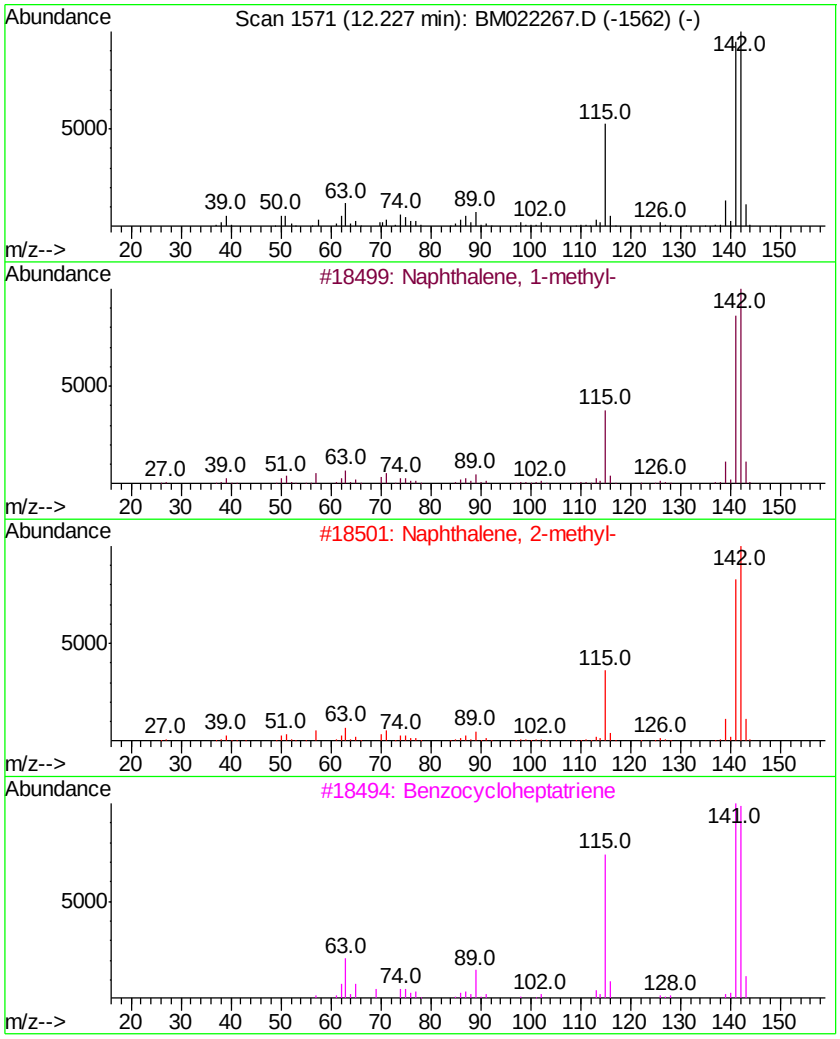
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

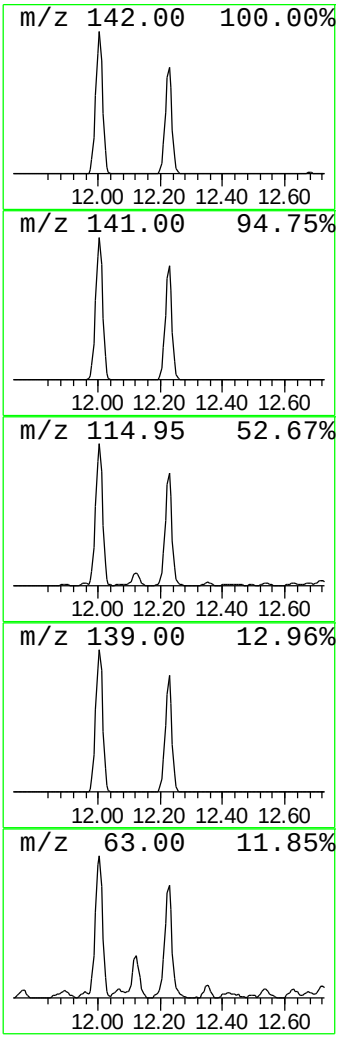
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	93.81 ng/ul	1337120	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

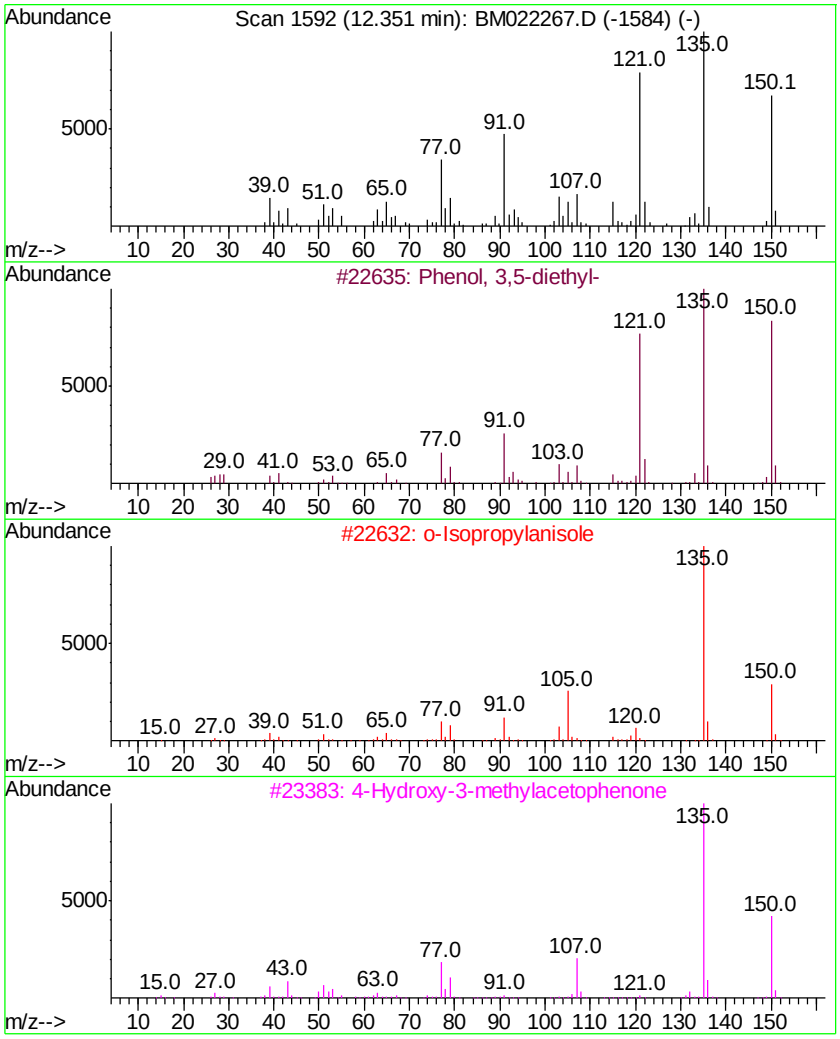
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

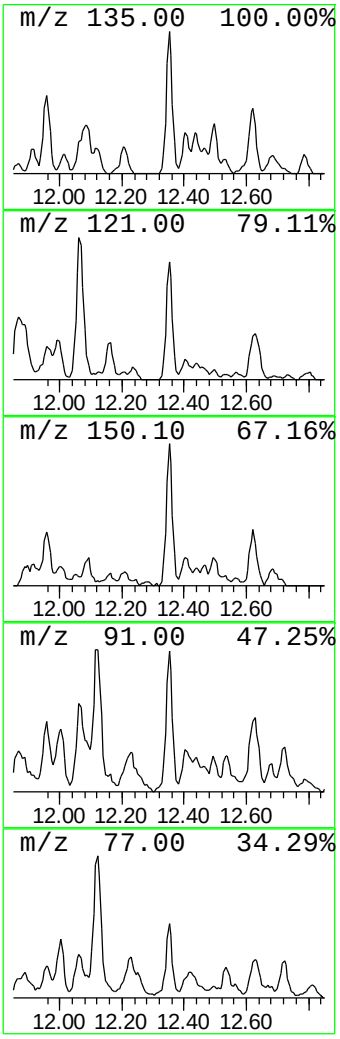
****

Peak Number 14 Phenol, 3,5-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	9.73 ng/ul	268794	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	95
2	o-Isopropylanisole	150	C10H14O	002944-47-0	60
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	60
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	60
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

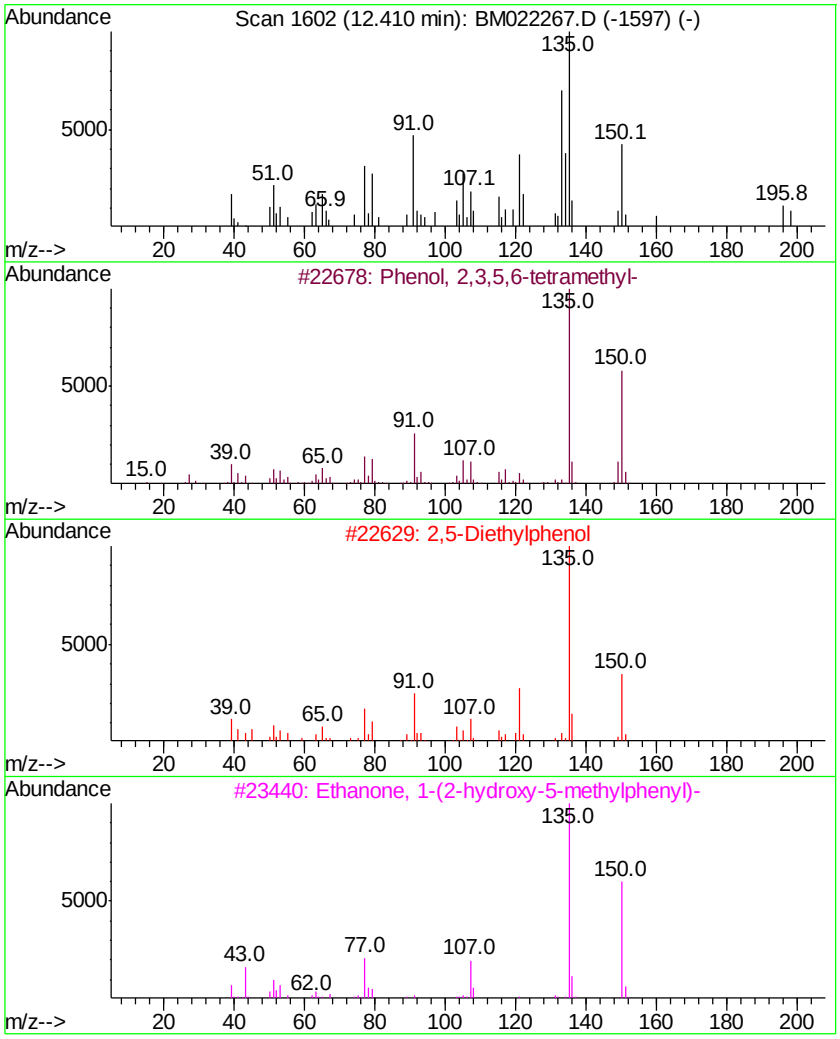
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

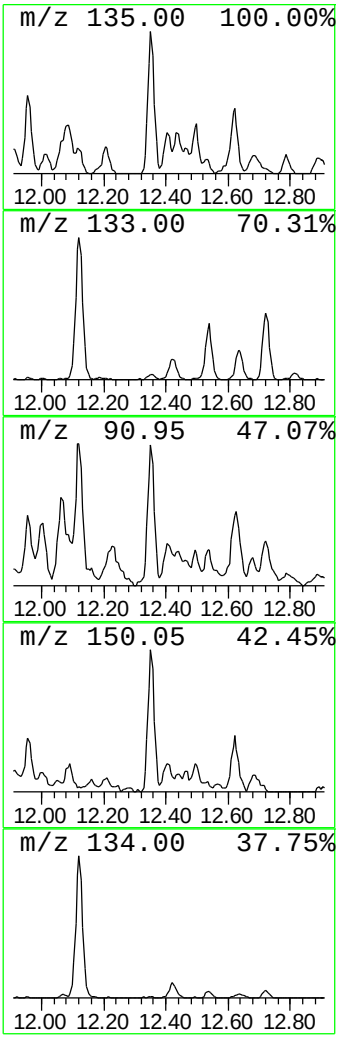
****

Peak Number 15 Phenol, 2,3,5,6-tetramethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.73 ng/ul	103080	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	60
2	2,5-Diethylphenol	150	C10H14O	000876-20-0	60
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	55
4	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	53
5	3,4-Diethylphenol	150	C10H14O	000875-85-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

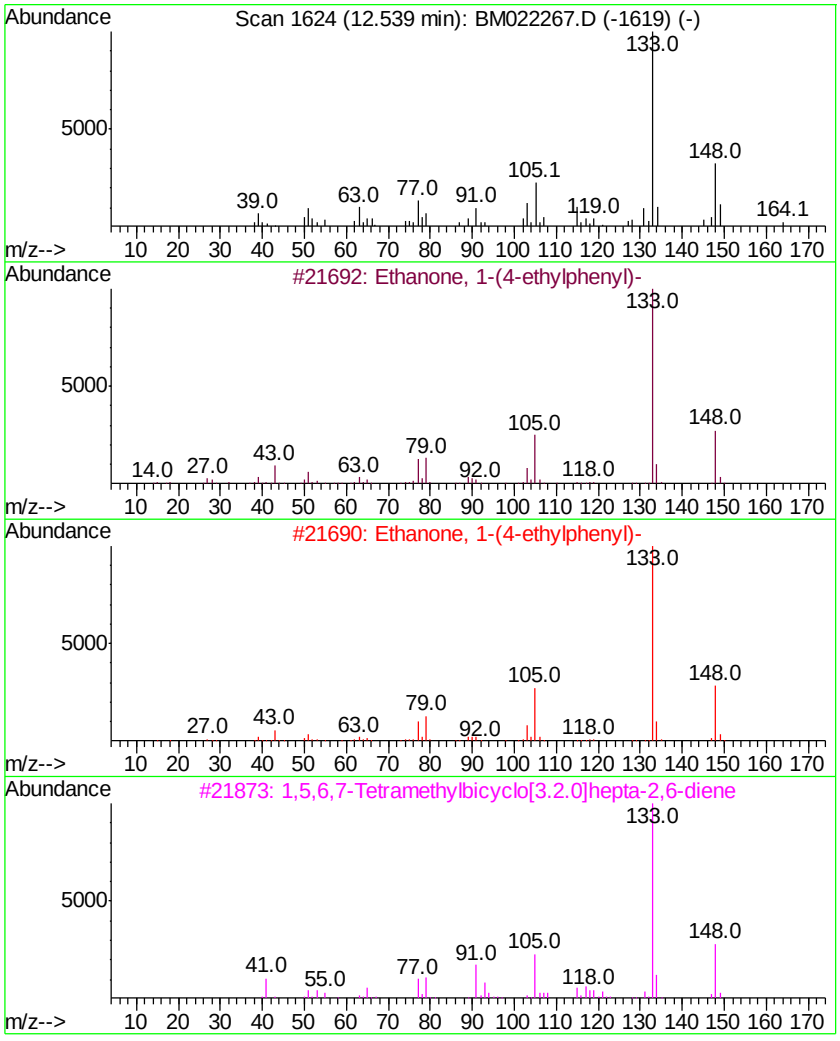
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

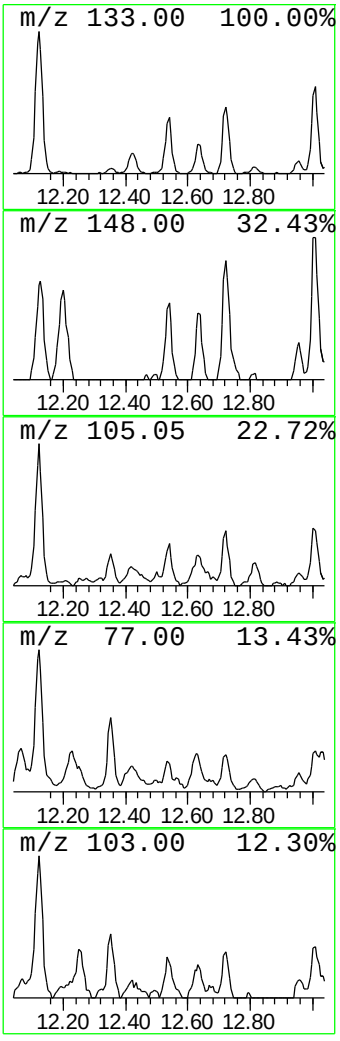
****

Peak Number 16 Ethanone, 1-(4-ethylphenyl)- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.91 ng/ul	135801	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	81
2	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	74
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	72
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	68
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

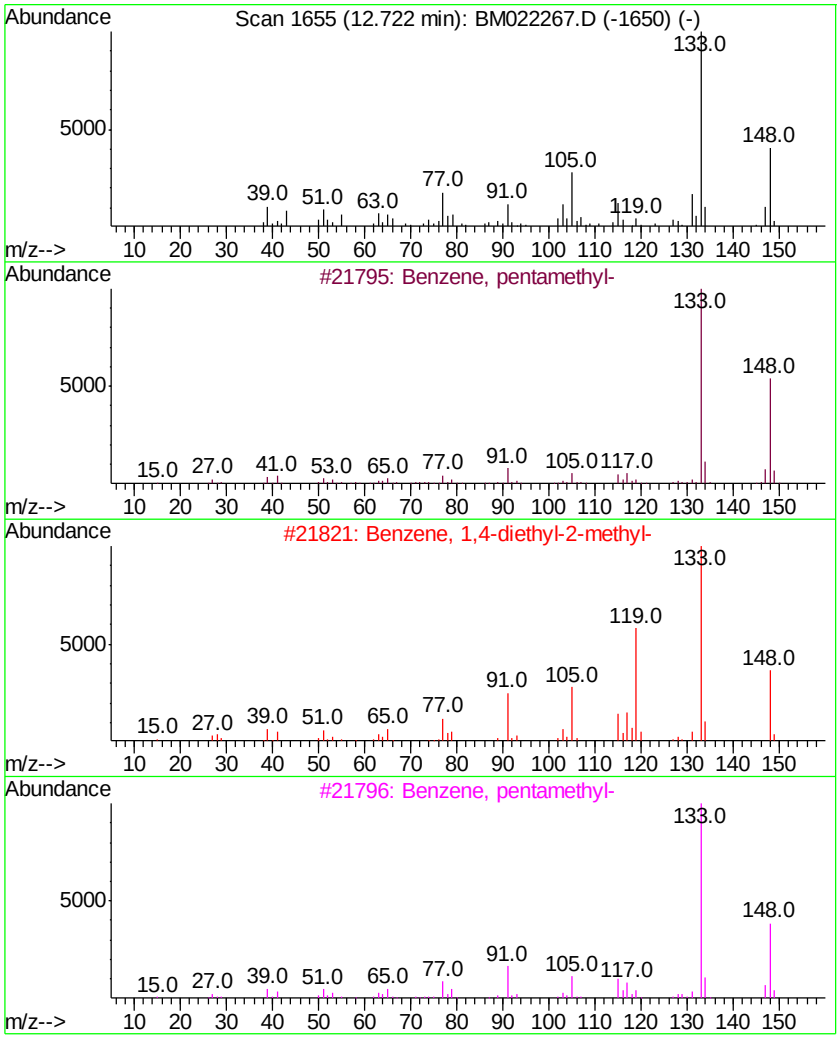
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

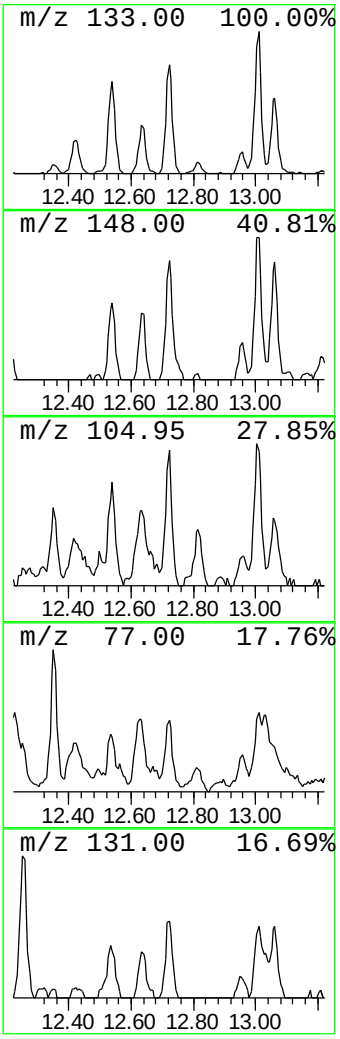
****

Peak Number 18 Benzene, pentamethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	7.40 ng/ul	204380	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	80
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	72
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

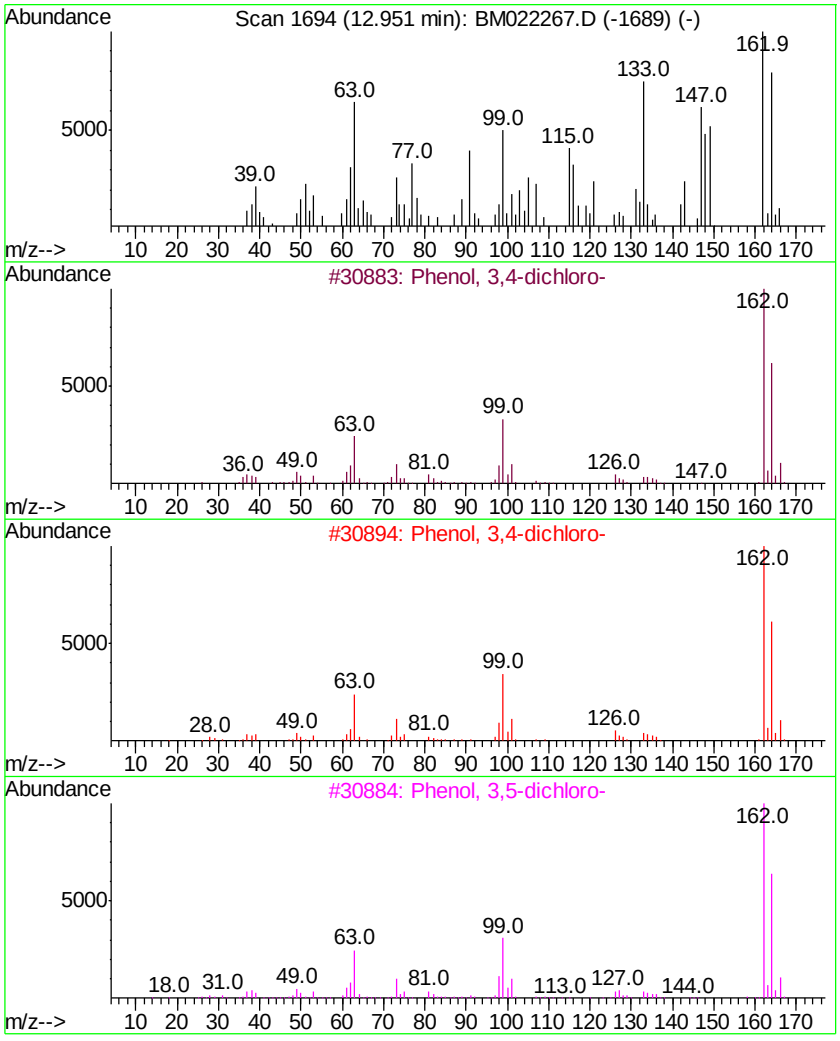
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

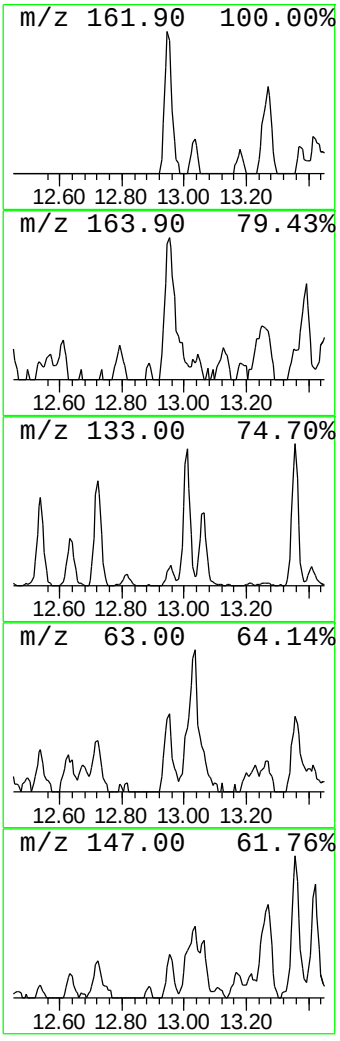
****

Peak Number 19 Phenol, 3,4-dichloro- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	4.93 ng/ul	136285	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	83
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	78
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	64
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	64
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

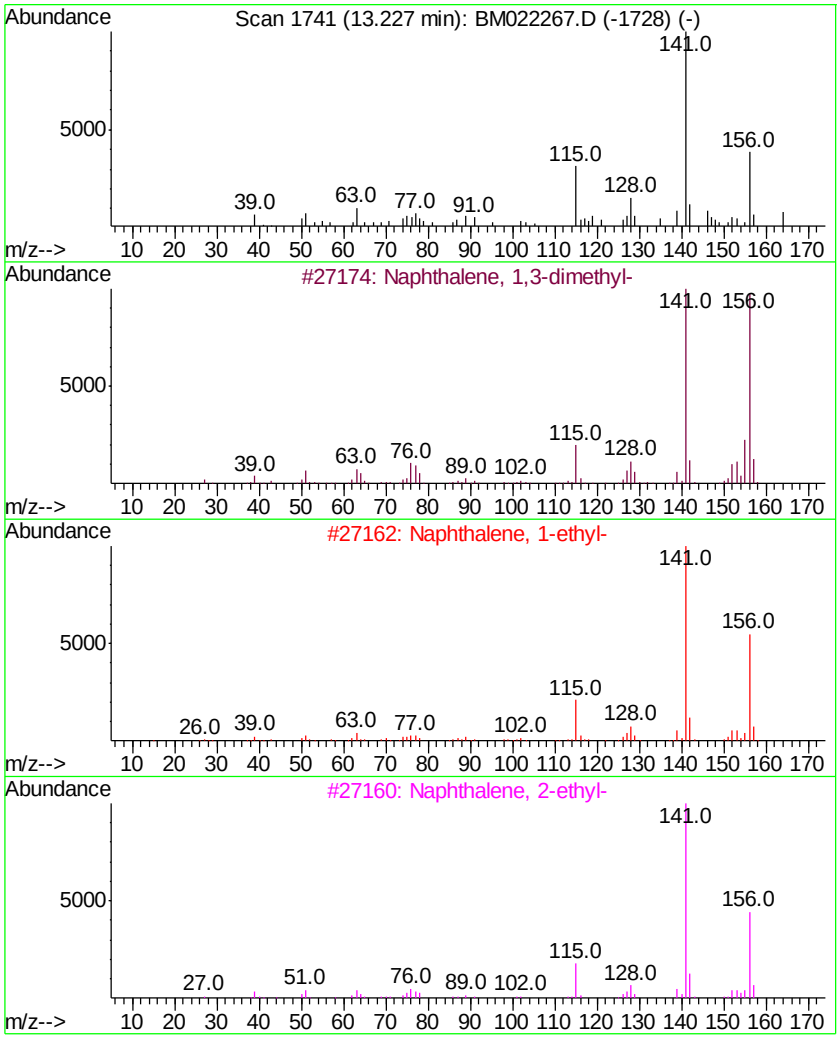
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

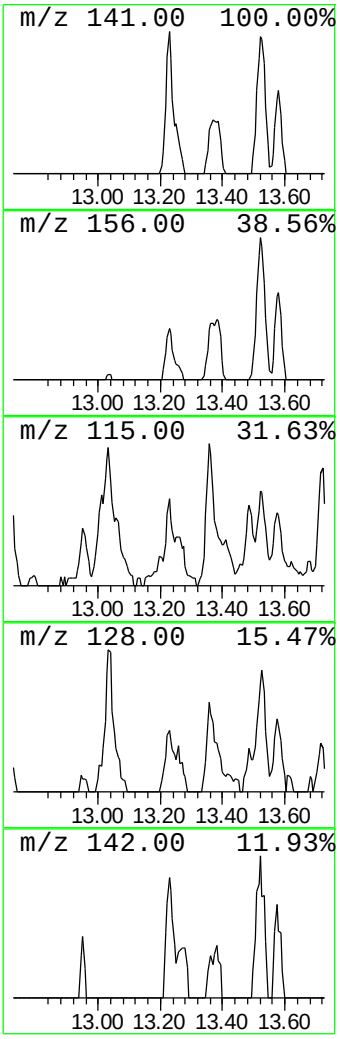
****

Peak Number 20 Naphthalene, 1,3-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.04 ng/ul	111770	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

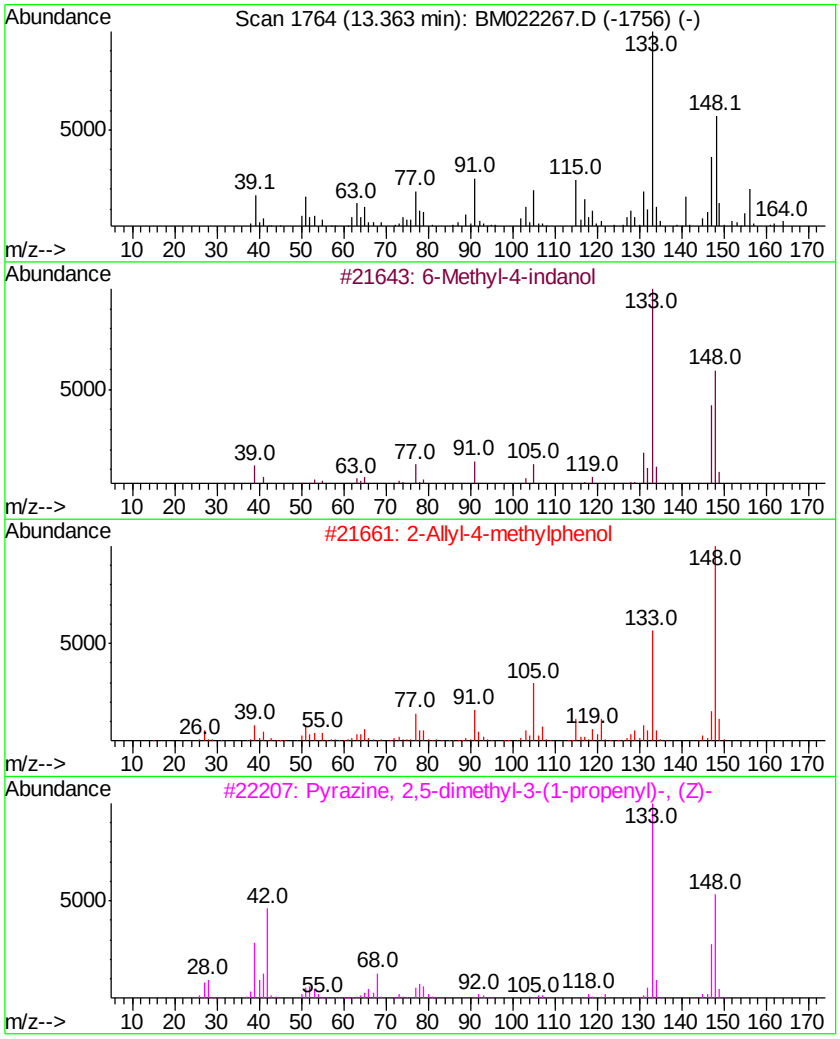
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

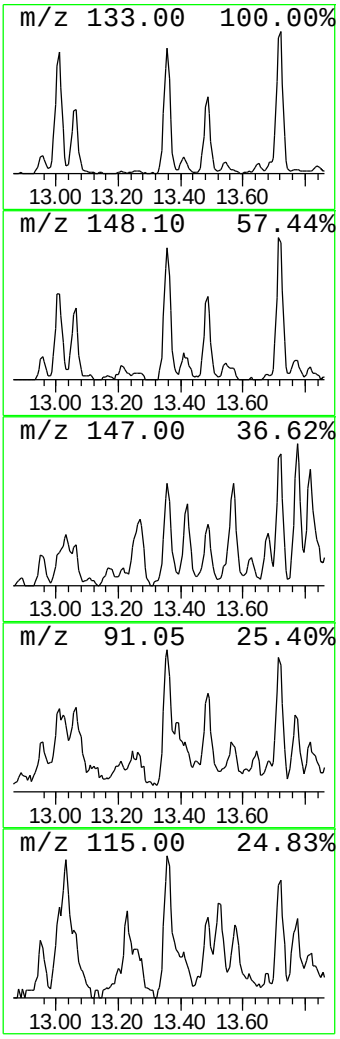
****

Peak Number 21 6-Methyl-4-indanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	14.81 ng/ul	409217	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	93
2	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	83
3	Pyrazine, 2,5-dimethyl-3-(1-prop...	148	C9H12N2	055138-73-3	74
4	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	74
5	Pyrazine, 3,5-dimethyl-2-(1-prop...	148	C9H12N2	055138-74-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

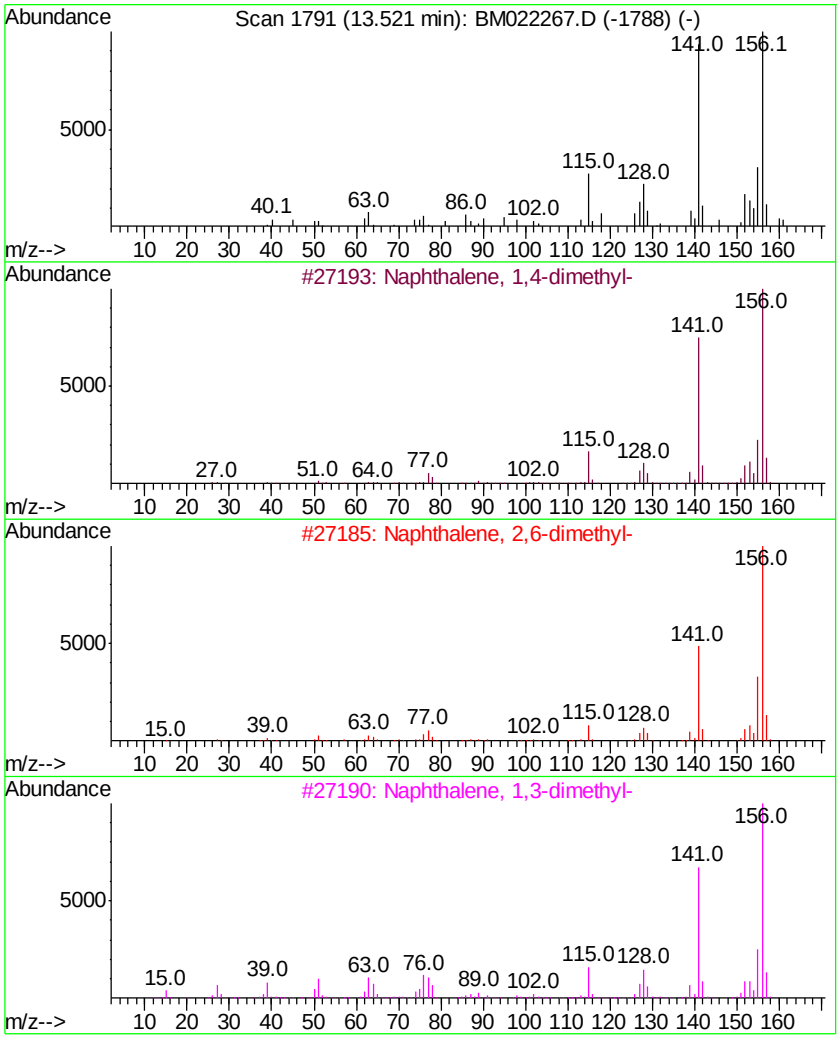
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

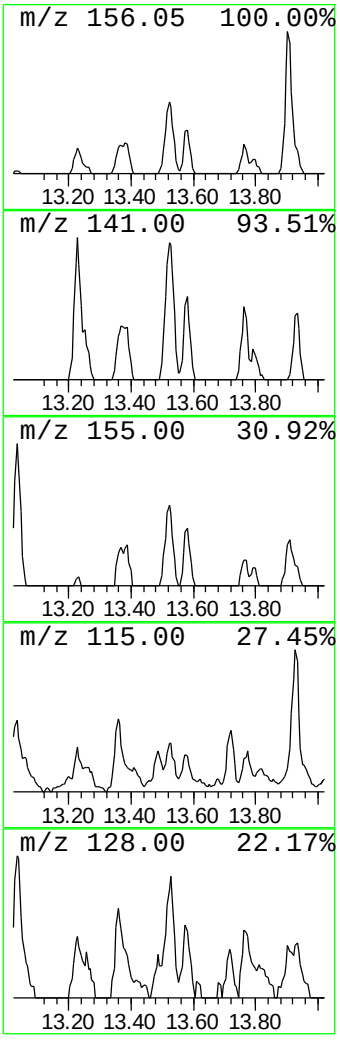
****

Peak Number 23 Naphthalene, 1,4-dimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.92 ng/ul	108295	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

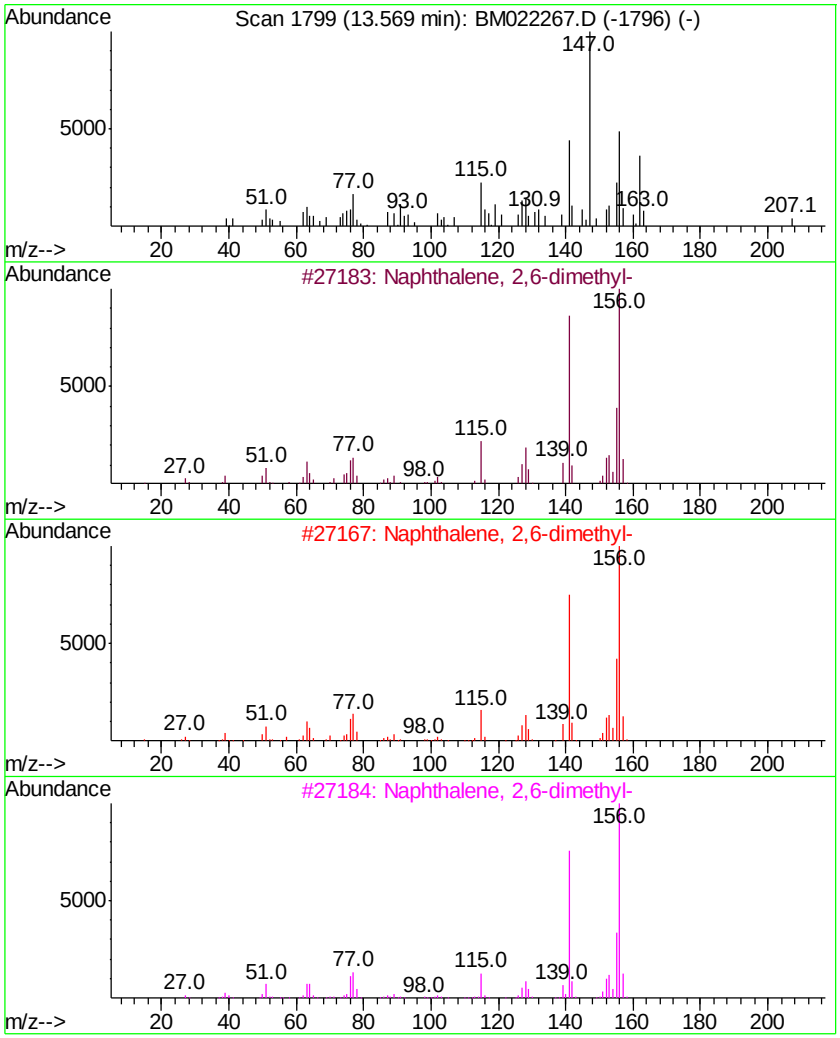
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

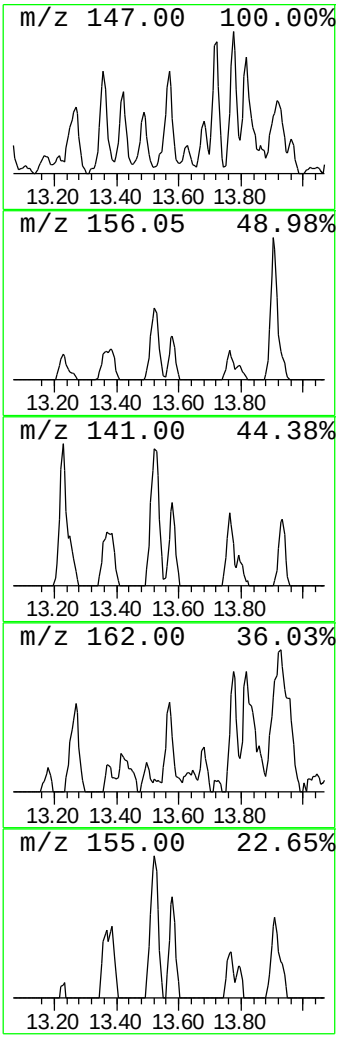
****

Peak Number 24 Naphthalene, 2,6-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	3.54 ng/ul	97947	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	83
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

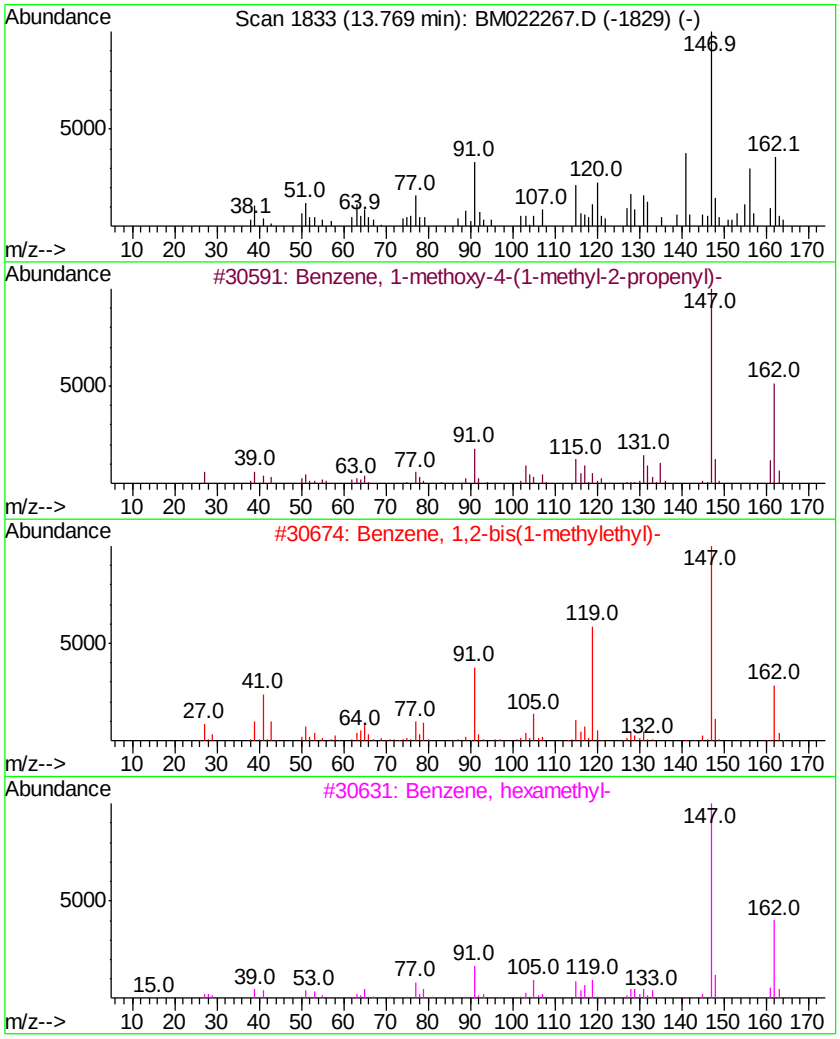
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

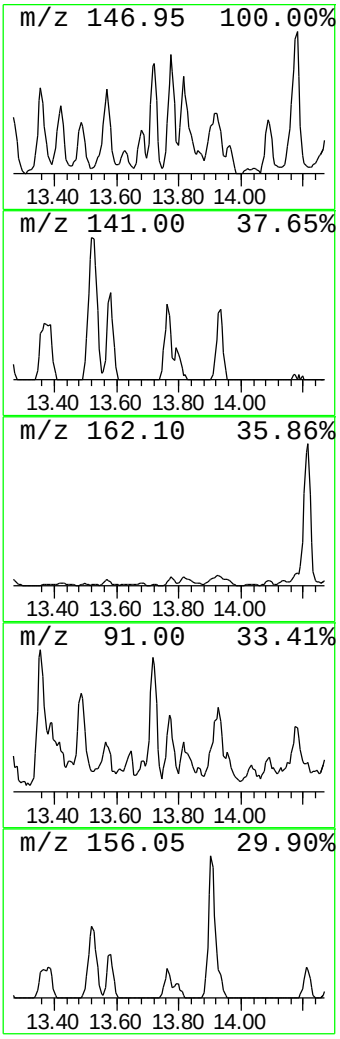
****

Peak Number 25 Benzene, 1-methoxy-4-(1-met... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	4.68 ng/ul	129293	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-(1-methyl-2...	162	C11H14O	018272-83-8	68
2	Benzene, 1,2-bis(1-methylethyl)-	162	C12H18	000577-55-9	58
3	Benzene, hexamethyl-	162	C12H18	000087-85-4	58
4	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	53
5	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

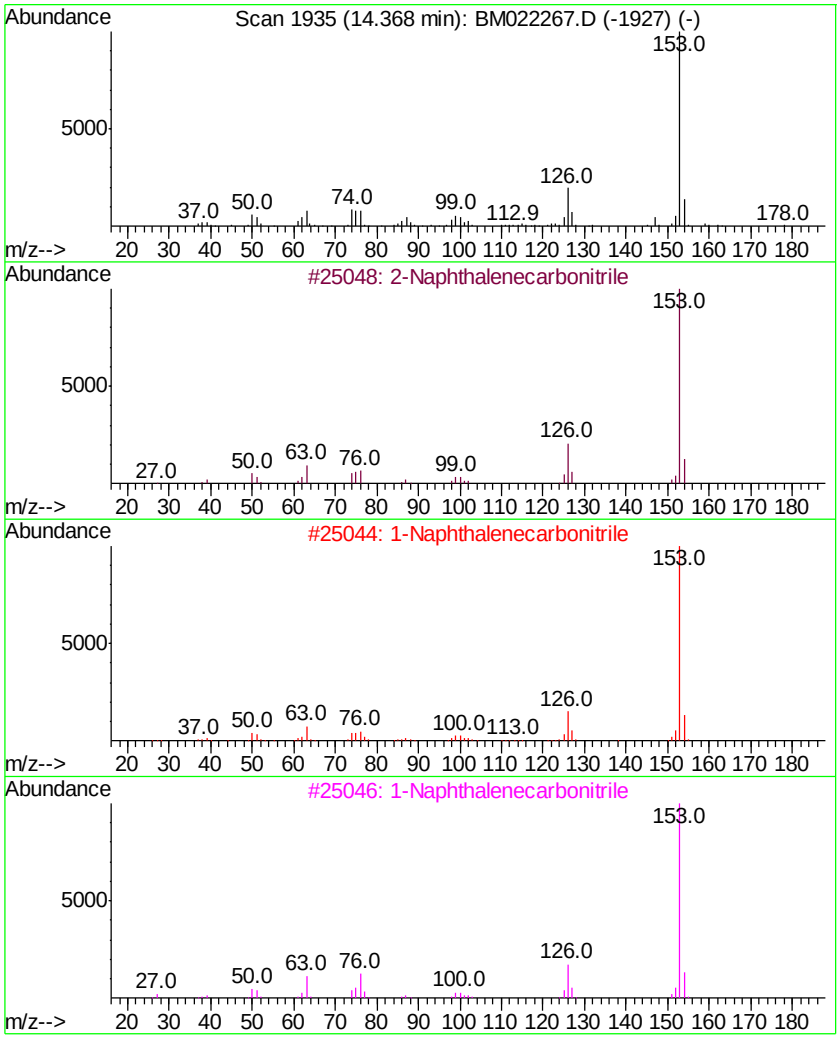
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

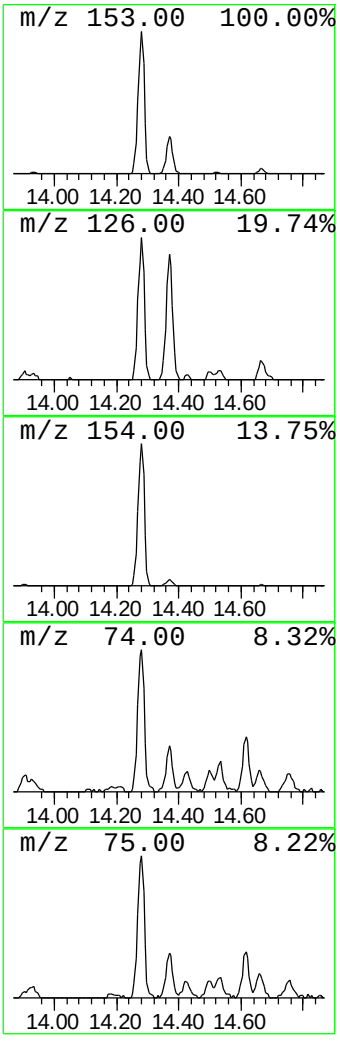
****

Peak Number 26 2-Naphthalenecarbonitrile Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	11.54 ng/ul	318852	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	91
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

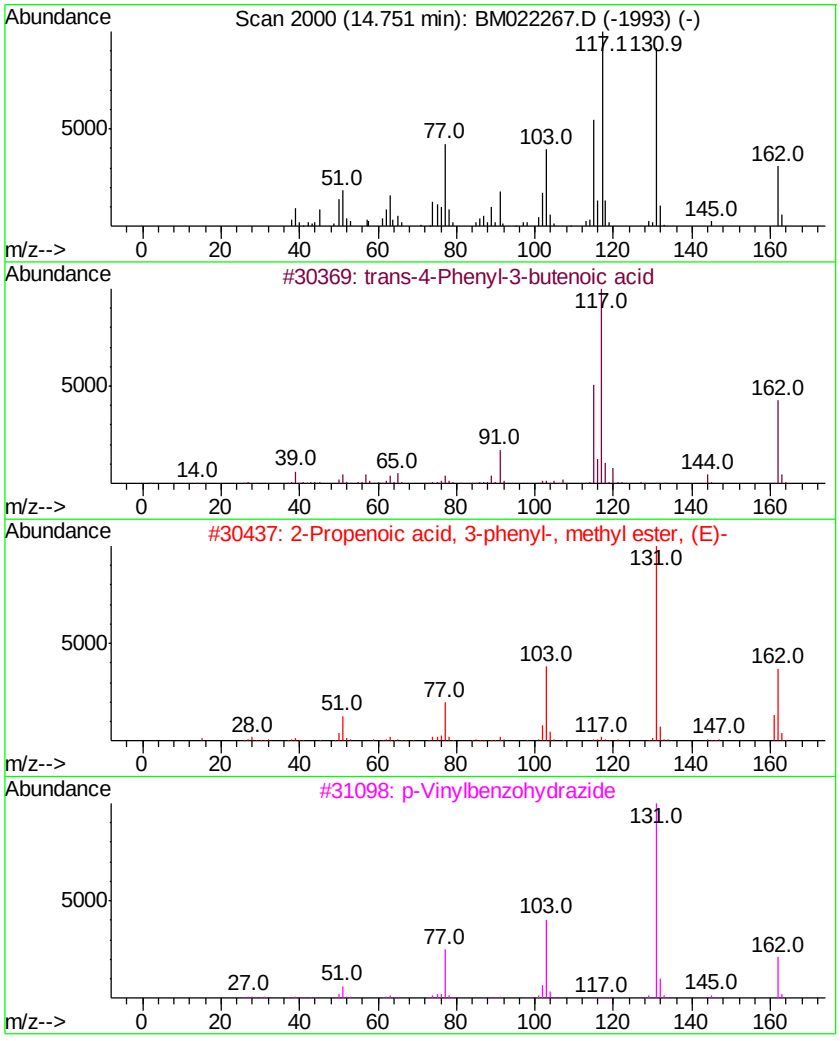
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

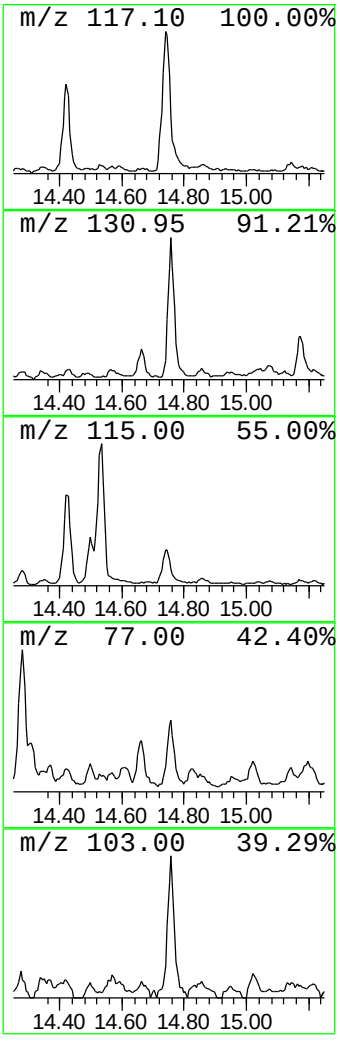
****

Peak Number 28 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	9.48 ng/ul	262077	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	45
2	2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	001754-62-7	43
3	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	43
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	38
5	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

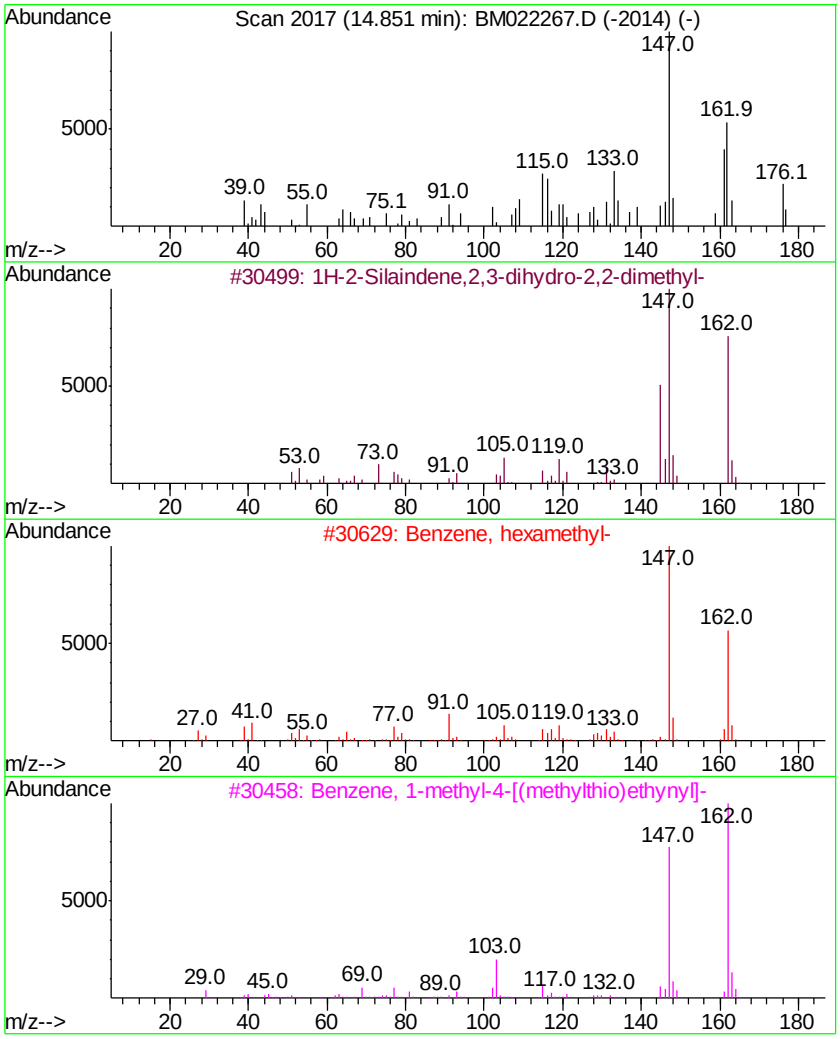
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

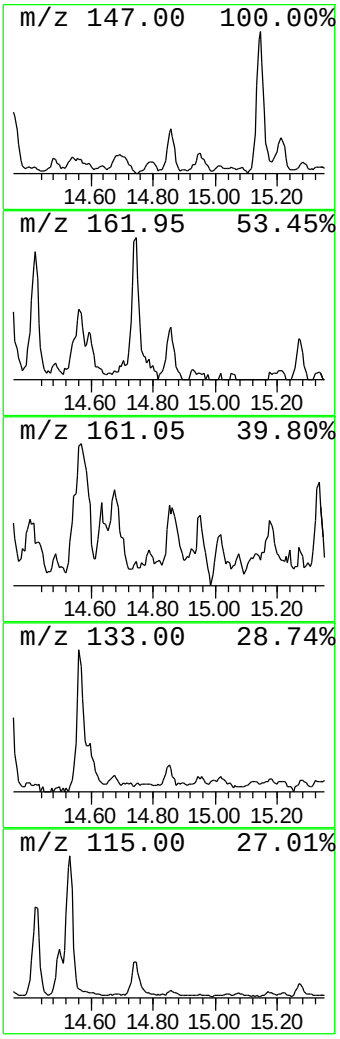
****

Peak Number 29 1H-2-Silaindene,2,3-dihydro... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.36 ng/ul	92850	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-2-Silaindene,2,3-dihydro-2,2-...	162	C10H14Si	002764-87-6	55
2	Benzene, hexamethyl-	162	C12H18	000087-85-4	53
3	Benzene, 1-methyl-4-[(methylthio...	162	C10H10S	017293-64-0	49
4	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	49
5	Phenol, 4-(3-methyl-2-butenyl)-	162	C11H14O	001200-09-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

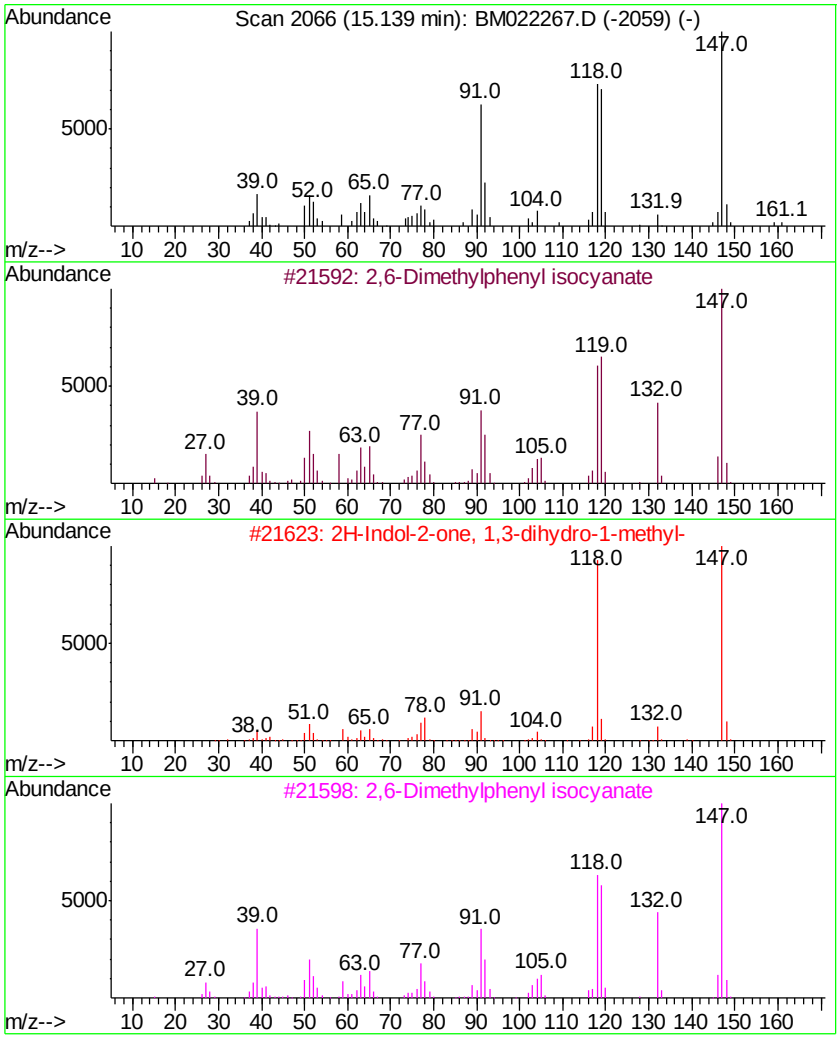
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

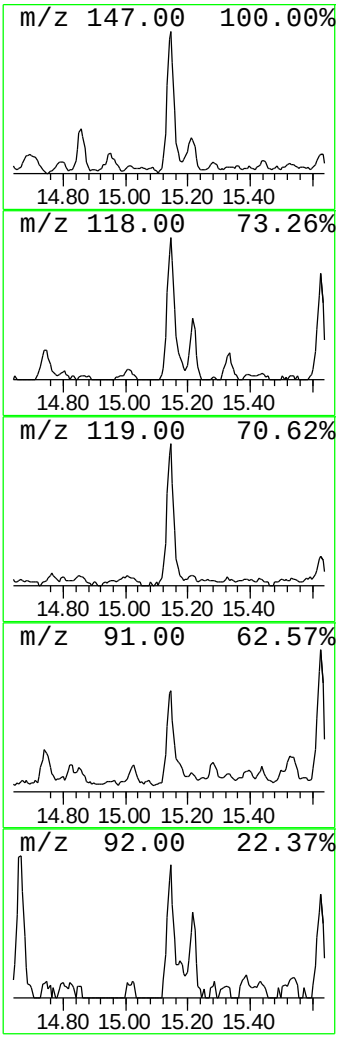
****

Peak Number 30 2,6-Dimethylphenyl isocyanate Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	6.99 ng/ul	193091	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	90
2	2H-Indol-2-one, 1,3-dihydro-1-me...	147	C9H9NO	000061-70-1	68
3	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	64
4	2H-Indol-2-one, 1,3-dihydro-1-me...	147	C9H9NO	000061-70-1	64
5	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

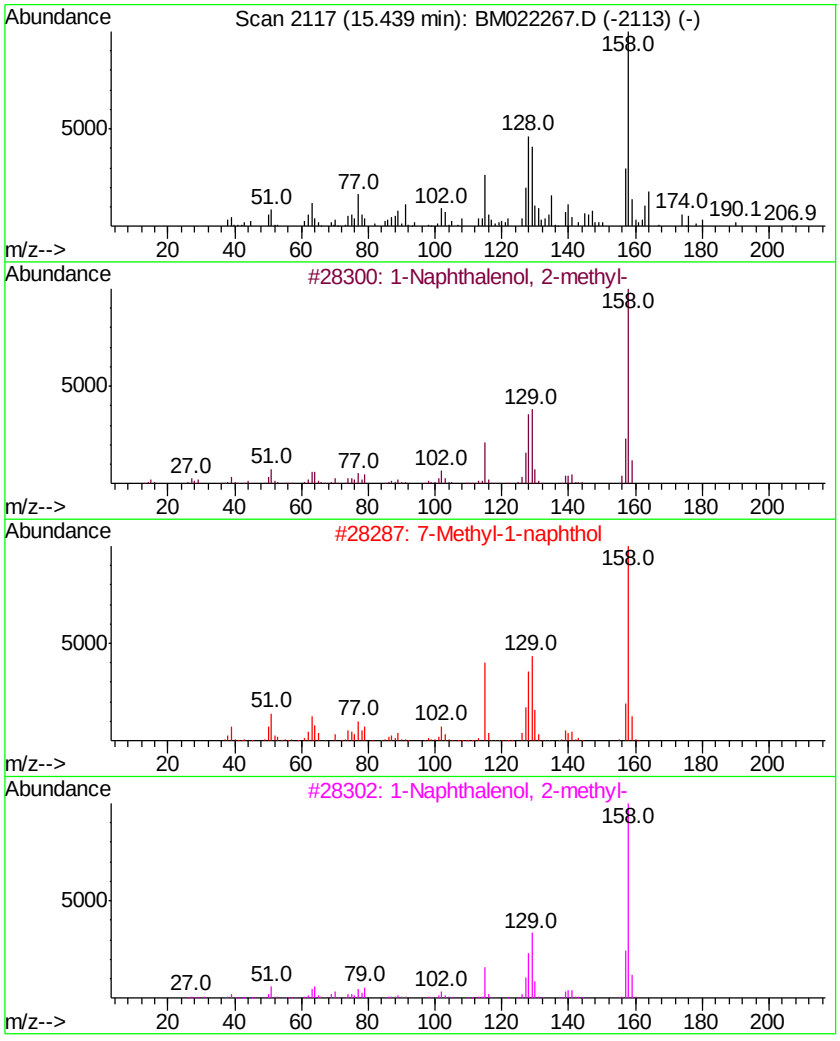
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

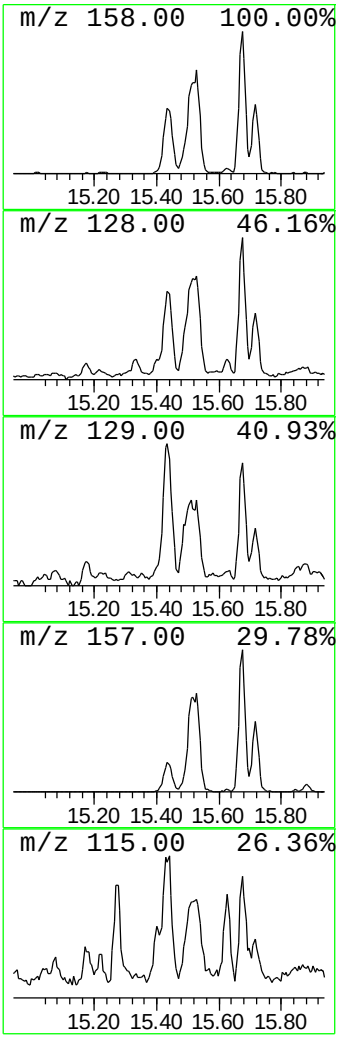
****

Peak Number 31 1-Naphthalenol, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	10.00 ng/ul	276473	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	95
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	81
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	76
4	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	49
5	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

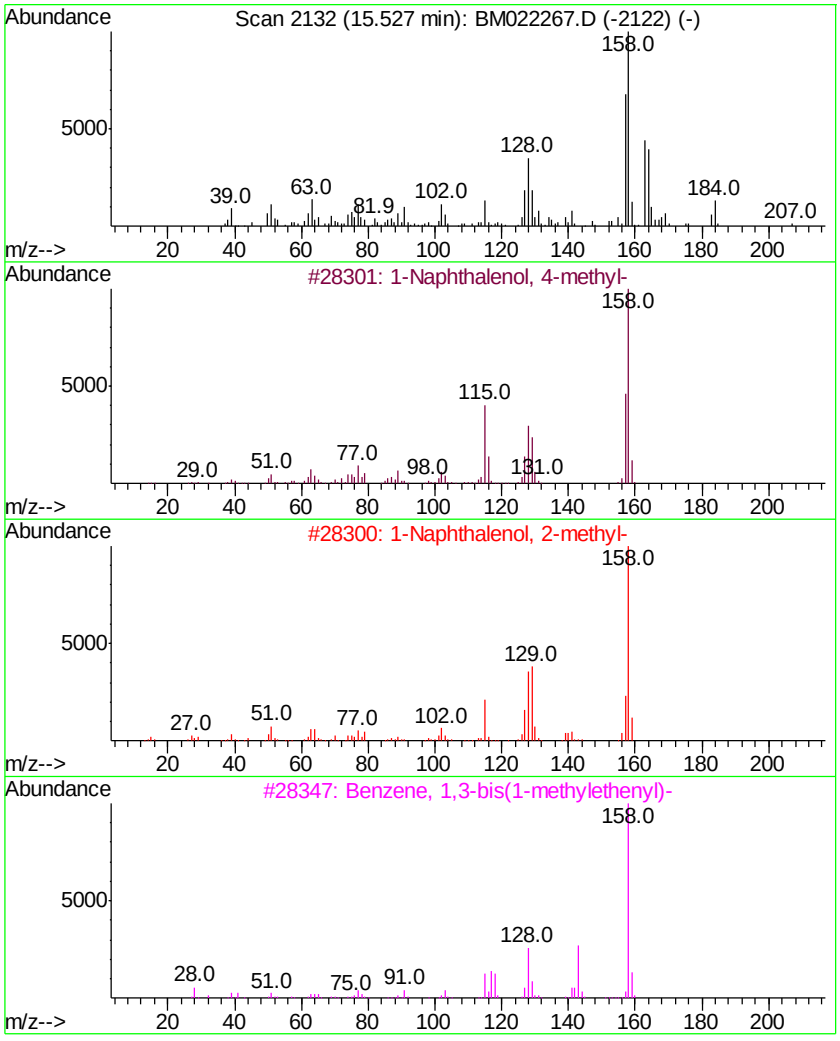
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

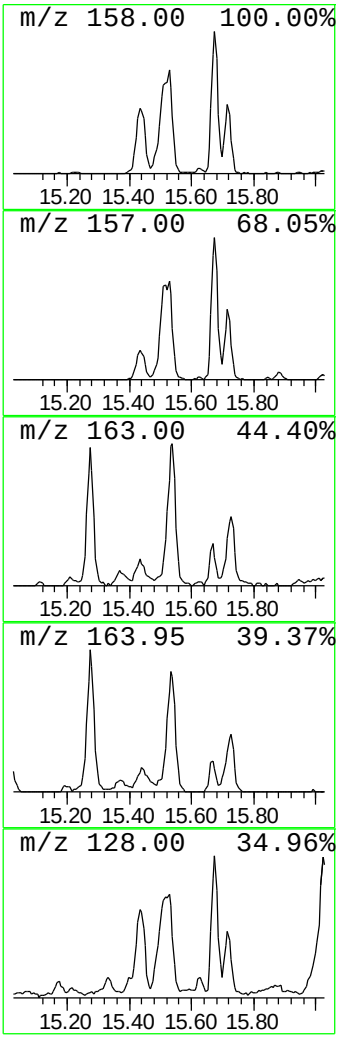
****

Peak Number 32 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	23.78 ng/ul	657047	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	49
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	43
3	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	38
4	1,3-Oxazolidine, 4-methyl-cis-5-...	264	C17H16N2O	1000138-86-2	38
5	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

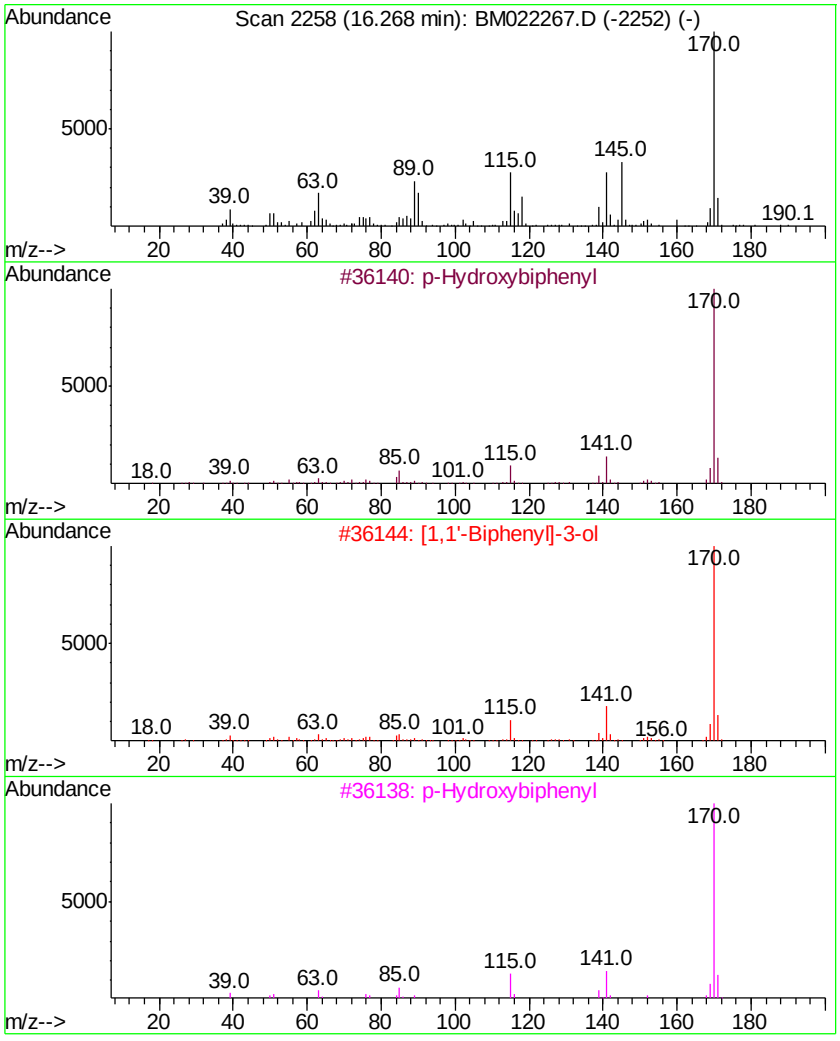
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

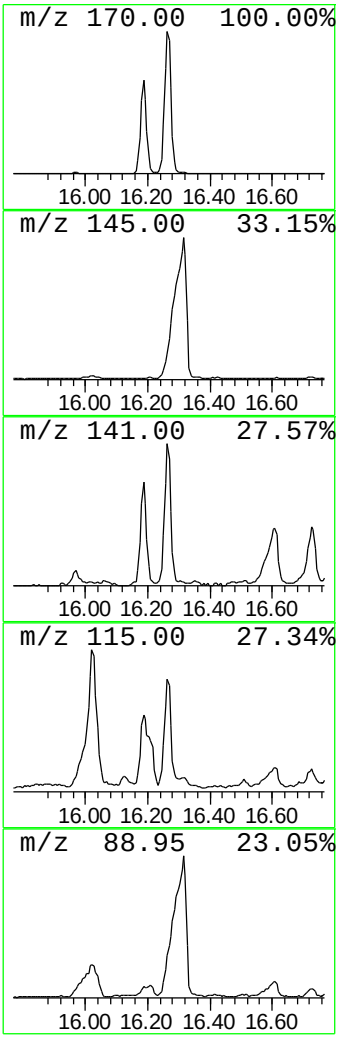
****

Peak Number 39 p-Hydroxybiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	15.32 ng/ul	620134	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	86
2	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	86
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
5	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

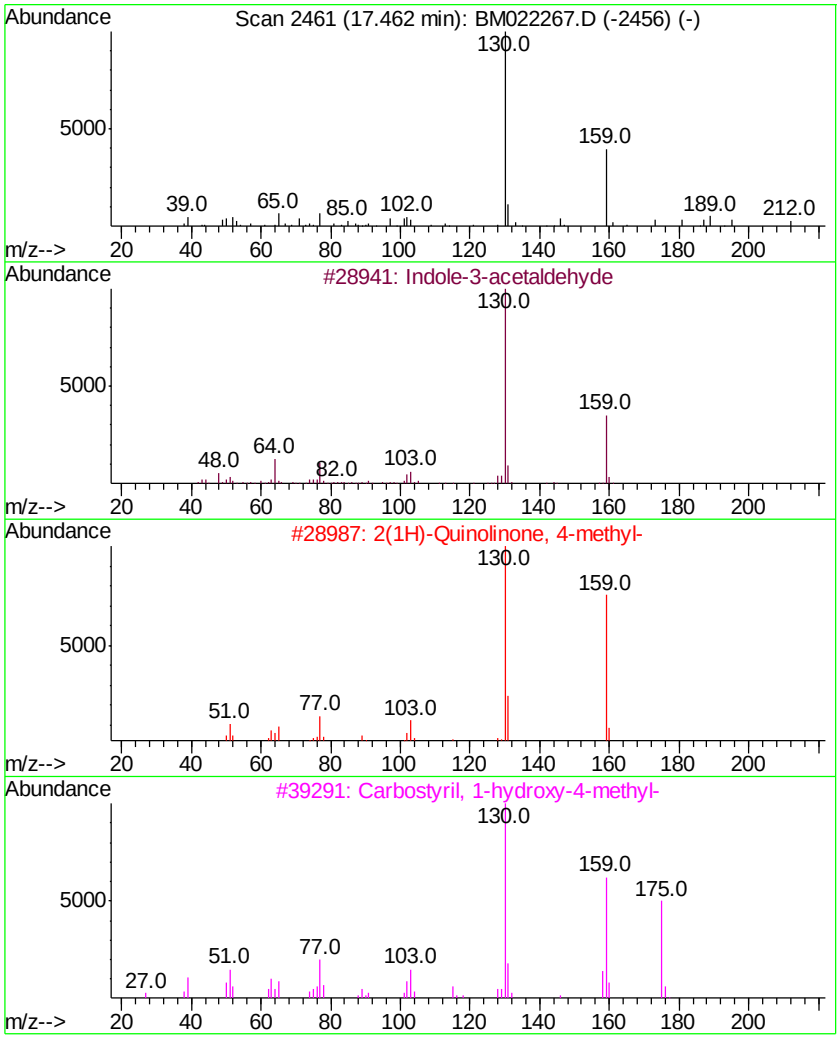
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

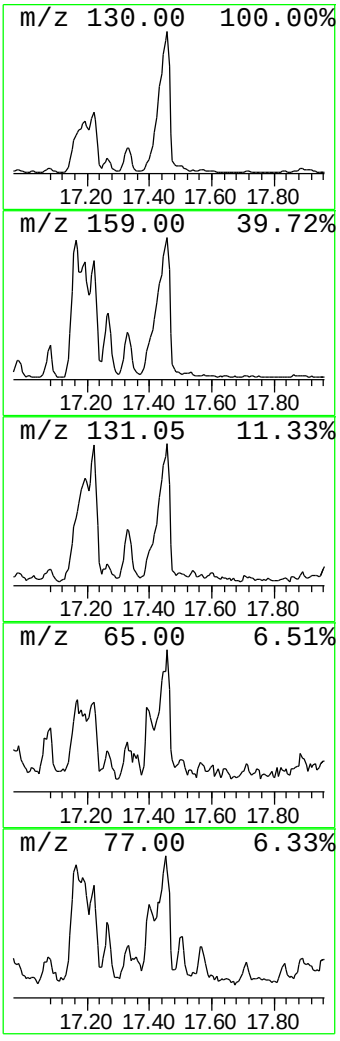
****

Peak Number 48 Indole-3-acetaldehyde Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	9.39 ng/ul	380197	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole-3-acetaldehyde	159	C10H9NO	002591-98-2	86
2	2(1H)-Quinolinone, 4-methyl-	159	C10H9NO	000607-66-9	64
3	Carbostyril, 1-hydroxy-4-methyl-	175	C10H9NO2	021201-47-8	56
4	1H-Indole-3-propanoic acid	189	C11H11NO2	000830-96-6	52
5	1H-Indole-3-propanoic acid	189	C11H11NO2	000830-96-6	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

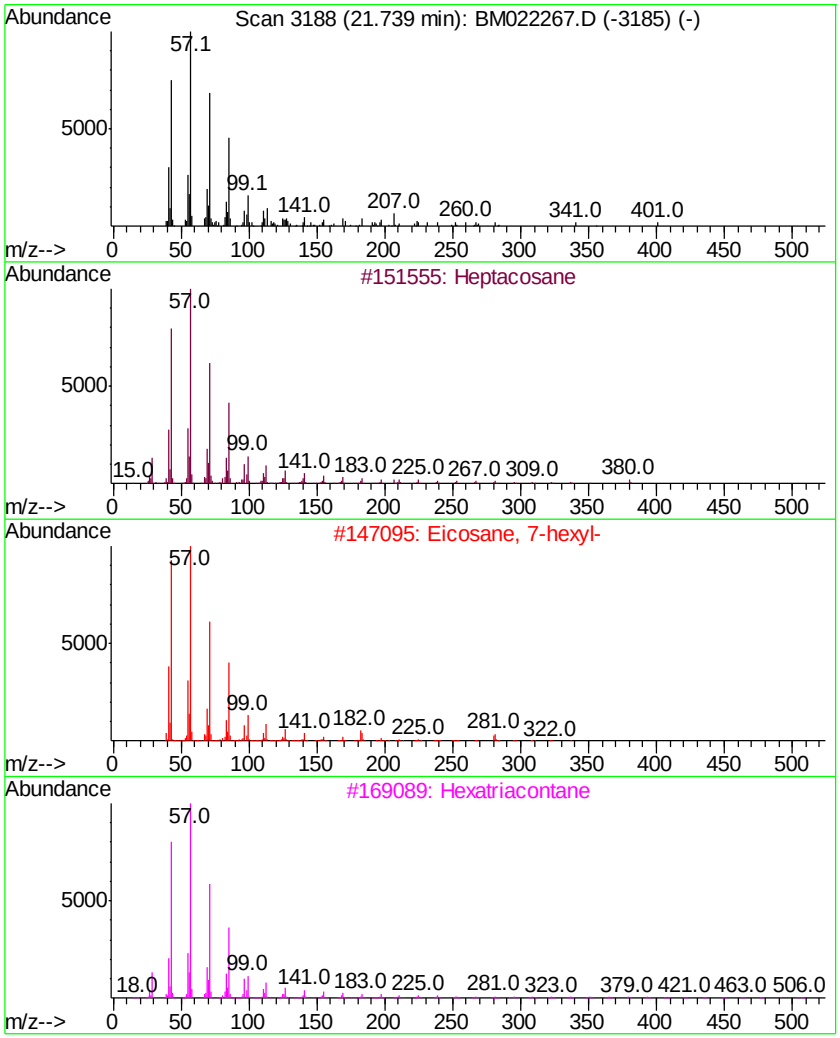
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

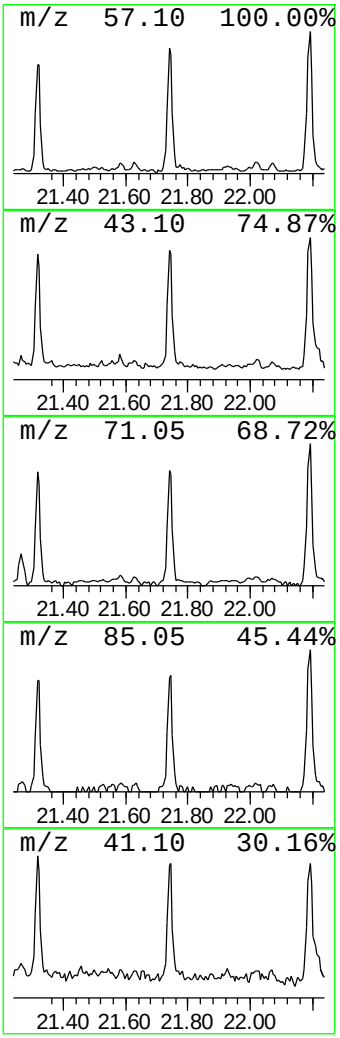
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.26 ng/ul	109266	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

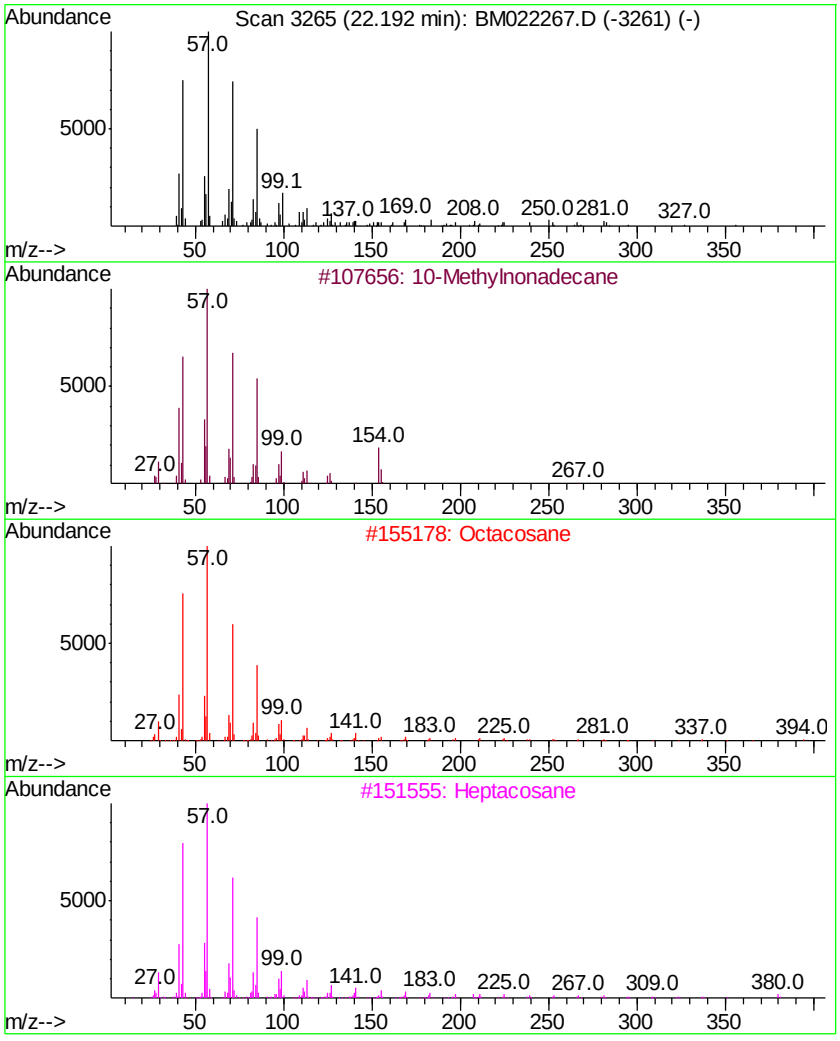
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

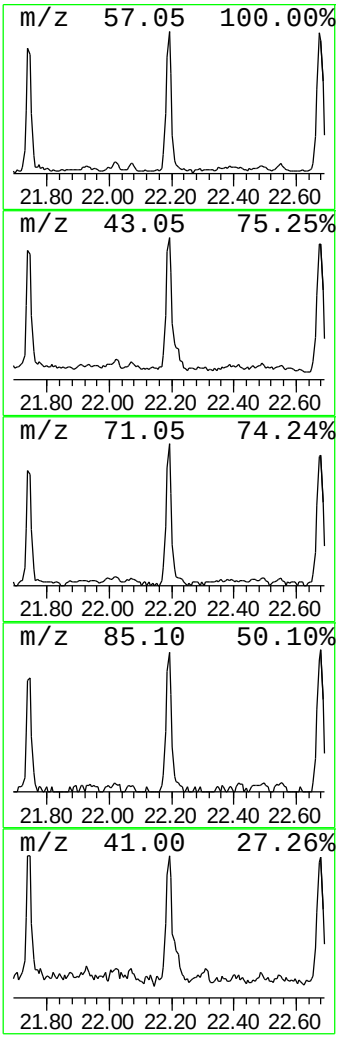
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	4.12 ng/ul	199517	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

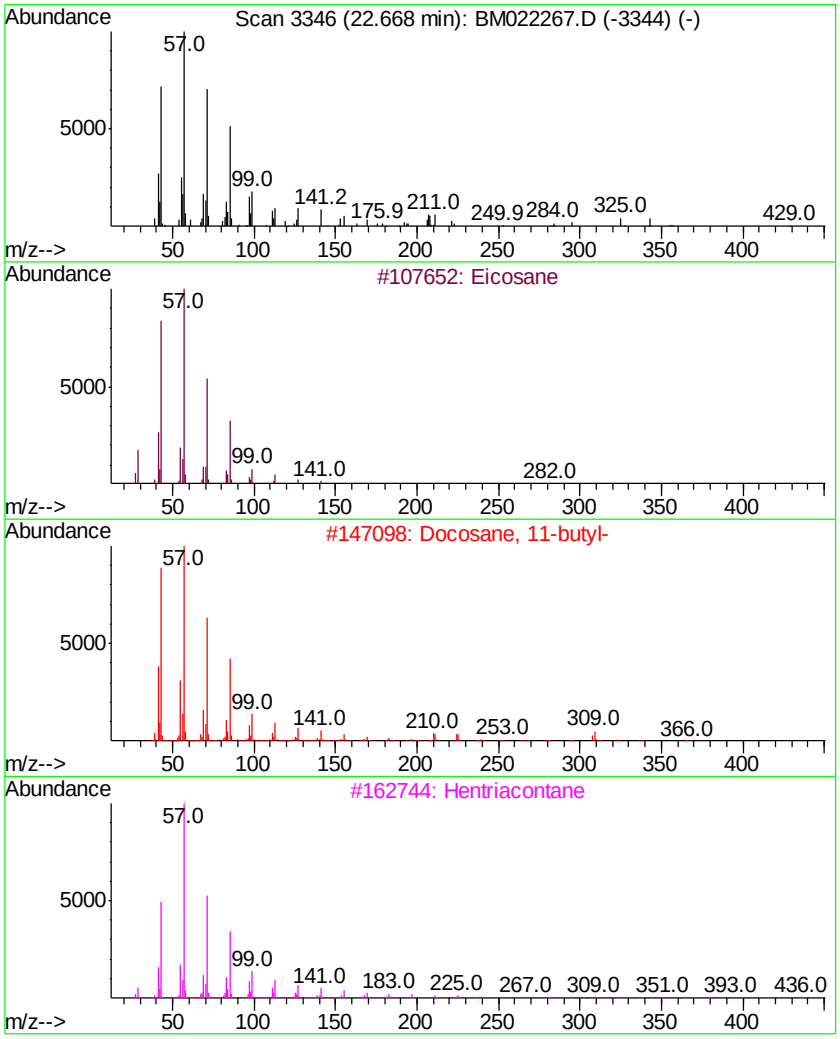
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

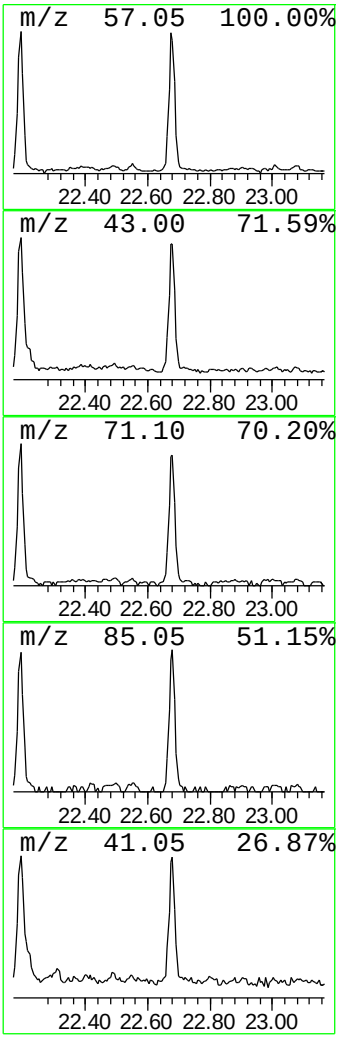
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	3.65 ng/ul	145928	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

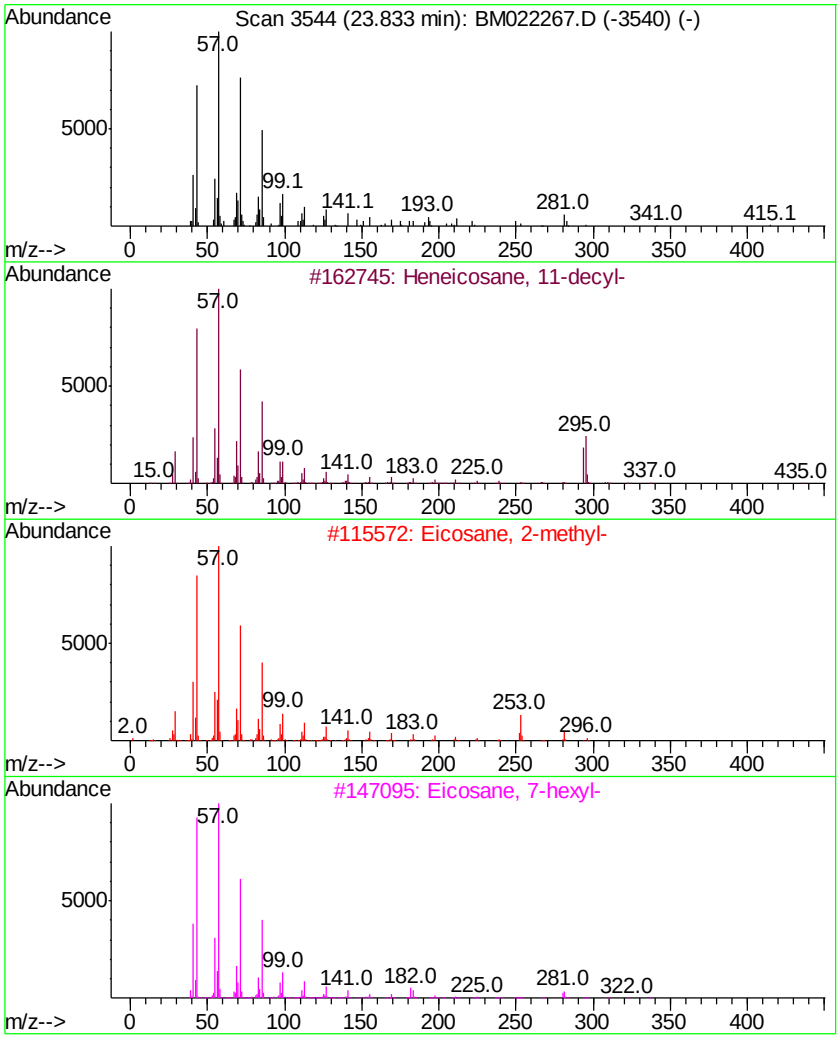
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

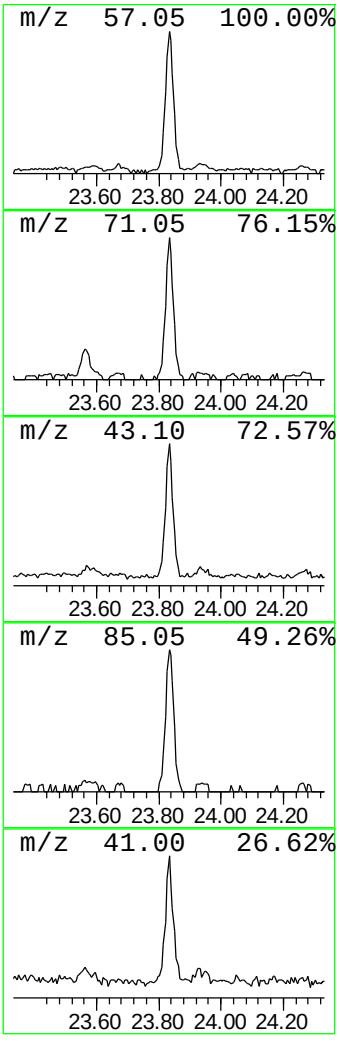
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	3.67 ng/ul	146418	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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

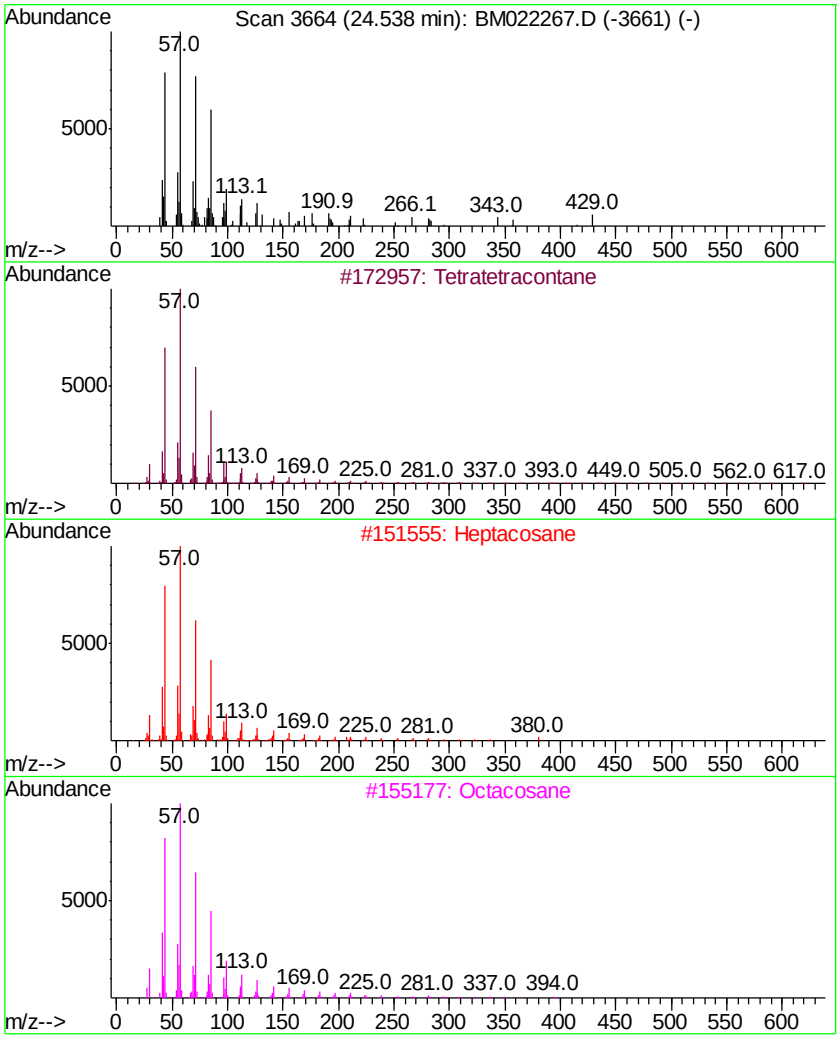
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

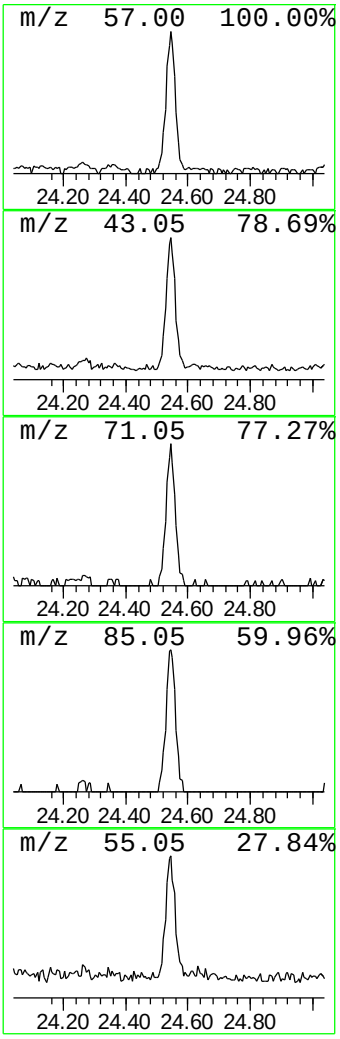
****

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	2.80 ng/ul	111670	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5	Tetratriacontane	479	C34H70	014167-59-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022267.D
Acq On : 23 Aug 2019 21:53
Operator : HP/JU
Sample : K4337-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB6

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
Indane	7.91	49.9	ng/ul	542337	1	7.56	217515	20.0
Benzene, 1-propynyl-	8.08	20.6	ng/ul	224490	1	7.56	217515	20.0
Phenol, 2,6-dimet...	8.97	12.3	ng/ul	175130	2	10.34	285060	20.0
2-Propenal, 3-phe...	9.02	8.5	ng/ul	121585	2	10.34	285060	20.0
Phenol, 3,5-dimet...	10.23	6.9	ng/ul	98260	2	10.34	285060	20.0
Phenol, 2,4,6-tri...	10.93	11.9	ng/ul	170267	2	10.34	285060	20.0
Phenol, 2,4,5-tri...	11.37	23.0	ng/ul	328121	2	10.34	285060	20.0
1H-Inden-1-one, 2...	11.76	7.6	ng/ul	107800	2	10.34	285060	20.0
Benzo[b]thiophene...	11.89	15.3	ng/ul	217444	2	10.34	285060	20.0
Phenol, 3,4,5-tri...	12.06	12.1	ng/ul	172134	2	10.34	285060	20.0
1H-Inden-5-ol, 2,...	12.12	38.2	ng/ul	544179	2	10.34	285060	20.0
Naphthalene, 1-me...	12.23	93.8	ng/ul	1337120	2	10.34	285060	20.0
Phenol, 3,5-diethyl-	12.35	9.7	ng/ul	268794	3	14.22	552686	20.0
Phenol, 2,3,5,6-t...	12.41	3.7	ng/ul	103080	3	14.22	552686	20.0
Ethanone, 1-(4-et...	12.54	4.9	ng/ul	135801	3	14.22	552686	20.0
Benzene, pentamet...	12.72	7.4	ng/ul	204380	3	14.22	552686	20.0
Phenol, 3,4-dichl...	12.95	4.9	ng/ul	136285	3	14.22	552686	20.0
Naphthalene, 1,3-...	13.23	4.0	ng/ul	111770	3	14.22	552686	20.0
6-Methyl-4-indanol	13.36	14.8	ng/ul	409217	3	14.22	552686	20.0
Naphthalene, 1,4-...	13.52	3.9	ng/ul	108295	3	14.22	552686	20.0
Naphthalene, 2,6-...	13.57	3.5	ng/ul	97947	3	14.22	552686	20.0
Benzene, 1-methox...	13.77	4.7	ng/ul	129293	3	14.22	552686	20.0
2-Naphthalenecarb...	14.37	11.5	ng/ul	318852	3	14.22	552686	20.0
unknown-01	14.75	9.5	ng/ul	262077	3	14.22	552686	20.0
1H-2-Silaindene,2...	14.85	3.4	ng/ul	92850	3	14.22	552686	20.0
2,6-Dimethylpheny...	15.14	7.0	ng/ul	193091	3	14.22	552686	20.0
1-Naphthalenol, 2...	15.44	10.0	ng/ul	276473	3	14.22	552686	20.0
unknown-02	15.53	23.8	ng/ul	657047	3	14.22	552686	20.0
p-Hydroxybiphenyl	16.27	15.3	ng/ul	620134	4	16.97	809627	20.0
Indole-3-acetalde...	17.46	9.4	ng/ul	380197	4	16.97	809627	20.0
(DEL) Alkane: Str...	21.74	2.3	ng/ul	109266	5	21.19	968994	20.0
(DEL) Alkane: Str...	22.19	4.1	ng/ul	199517	5	21.19	968994	20.0
(DEL) Alkane: Str...	22.67	3.6	ng/ul	145928	6	23.38	798685	20.0
(DEL) Alkane: Str...	23.83	3.7	ng/ul	146418	6	23.38	798685	20.0
(DEL) Alkane: Str...	24.54	2.8	ng/ul	111670	6	23.38	798685	20.0