LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010133.D
Acq On : 06 Mar 2020 23:33
Operator : CG/JU
Sample : L1827-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR32

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.970	27	31	34	rVB2	36698	48403	1.92%	0.165%
2	3.005	34	37	40	rBV2	21311	26426	1.05%	0.090%
3	3.405	103	105	107	rVV	14025	12760	0.51%	0.043%
4	3.675	150	151	157	rBV2	14654	20244	0.80%	0.069%
5	4.323	259	261	264	rVB	14081	12667	0.50%	0.043%
6	4.375	264	270	272	rBV	8532	14489	0.58%	0.049%
7	4.999	373	376	379	rBV	7342	11706	0.47%	0.040%
8	5.222	411	414	417	rBV	10267	10557	0.42%	0.036%
9	5.417	445	447	452	rVV	10410	15482	0.62%	0.053%
10	5.487	455	459	462	rVV	7787	14549	0.58%	0.050%
11	5.534	462	467	471	rVB	11523	22011	0.87%	0.075%
12	5.634	479	484	486	rVB	10379	11945	0.47%	0.041%
13	6.005	544	547	552	rVB	11473	18504	0.74%	0.063%
14	6.052	552	555	557	rBV	9074	11524	0.46%	0.039%
15	6.569	638	643	652	rBV2	72417	160427	6.38%	0.546%
16	6.711	663	667	681	rVV	288717	507487	20.17%	1.727%
17	6.811	683	684	688	rVB	9545	10019	0.40%	0.034%
18	6.858	688	692	693	rBV	8662	10187	0.40%	0.035%
19	6.899	693	699	710	rVV2	320537	570846	22.69%	1.942%
20	7.011	716	718	720	rBV	11038	10708	0.43%	0.036%
21	7.034	720	722	724	rVV	10052	10303	0.41%	0.035%
22	7.081	728	730	735	rVV	15785	19039	0.76%	0.065%
23	7.352	769	776	783	rBV	351588	589596	23.43%	2.006%
24	7.711	833	837	843	rBV3	40519	73001	2.90%	0.248%
25	7.875	856	865	873	rBV2	74815	143446	5.70%	0.488%
26	8.075	892	899	913	rBV3	239444	459096	18.25%	1.562%
27	8.299	932	937	940	rVB	6667	10833	0.43%	0.037%
28	8.416	951	957	964	rBV	9779	26002	1.03%	0.088%
29	8.499	964	971	982	rBV	419432	748078	29.73%	2.545%
30	8.681	998	1002	1009	rBV2	49751	86319	3.43%	0.294%
31	8.805	1017	1023	1024	rBV	21793	38877	1.55%	0.132%
32	8.863	1031	1033	1034	rBV	14607	12959	0.52%	0.044%
33	8.934	1040	1045	1047	rBV2	9331	13031	0.52%	0.044%
34	9.052	1062	1065	1068	rVB	8065	9811	0.39%	0.033%

LSC Area Percent Report

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Sample : L1827-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR32

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	9.210	1086	1092	1106	rBV	362580	637974	25.35%	2.171%
36	9.605	1157	1159	1162	rBV	10479	11613	0.46%	0.040%
37	9.746	1177	1183	1199	rBV	371559	839321	33.36%	2.856%
38	10.093	1236	1242	1247	rVV	491451	809108	32.16%	2.753%
39	10.146	1247	1251	1259	rVB	329226	541070	21.50%	1.841%
40	10.263	1265	1271	1278	rBV2	91038	176648	7.02%	0.601%
41	10.363	1286	1288	1290	rVV	8489	10824	0.43%	0.037%
42	10.710	1343	1347	1350	rBV	6574	10167	0.40%	0.035%
43	11.204	1428	1431	1438	rVB2	21104	40015	1.59%	0.136%
44	11.387	1459	1462	1463	rVB	11949	9691	0.39%	0.033%
45	11.405	1463	1465	1469	rBV	10782	10856	0.43%	0.037%
46	11.610	1498	1500	1504	rVB	10362	12267	0.49%	0.042%
47	11.669	1508	1510	1512	rVV	22210	19371	0.77%	0.066%
48	11.999	1559	1566	1575	rBV2	136373	251157	9.98%	0.855%
49	12.369	1627	1629	1632	rBV	12360	12308	0.49%	0.042%
50	12.399	1632	1634	1637	rVB	11750	10609	0.42%	0.036%
51	12.428	1637	1639	1642	rBV	9350	11425	0.45%	0.039%
52	12.463	1642	1645	1647	rVB	11923	15442	0.61%	0.053%
53	12.534	1654	1657	1659	rBV	9948	14493	0.58%	0.049%
54	12.575	1662	1664	1665	rBV	12211	9914	0.39%	0.034%
55	12.657	1676	1678	1679	rVB	16161	10459	0.42%	0.036%
56	12.669	1679	1680	1683	rBV	11660	13539	0.54%	0.046%
57	12.822	1703	1706	1714	rVB3	41071	93326	3.71%	0.318%
58	12.910	1714	1721	1726	rBV2	39455	70891	2.82%	0.241%
59	13.022	1734	1740	1741	rBV	9085	13085	0.52%	0.045%
60	13.157	1759	1763	1765	rBV2	18383	28654	1.14%	0.097%
61	13.310	1785	1789	1795	rBV3	34948	69311	2.75%	0.236%
62	13.422	1803	1808	1814	rBV	917323	1362127	54.13%	4.635%
63	13.475	1814	1817	1826	rVB2	65035	106716	4.24%	0.363%
64	13.551	1829	1830	1834	rVV	16037	13845	0.55%	0.047%
65	13.681	1847	1852	1862	rBV	1087391	1576830	62.67%	5.365%
66	13.816	1873	1875	1878	rBV	9640	9801	0.39%	0.033%
67	13.857	1878	1882	1885	rVB	10369	15531	0.62%	0.053%
68	13.893	1885	1888	1889	rBV	9274	9701	0.39%	0.033%
69	13.993	1900	1905	1911	rBV	698394	1038295	41.26%	3.533%
70	14.057	1911	1916	1921	rVB	360316	529475	21.04%	1.802%
71	14.404	1970	1975	1984	rBV	287778	463894	18.44%	1.578%

LSC Area Percent Report

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Instrument : BNA_N
ClientSampleId : BFR32

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

72	14.563	2000	2002	2005	rBV	11513	10722	0.43%	0.036%
73	15.004	2071	2077	2082	rVV	1373706	1961913	77.97%	6.675%
74	15.057	2082	2086	2091	rVB	317866	468362	18.61%	1.594%
75	15.169	2099	2105	2112	rBV	450686	799025	31.76%	2.719%
76	15.363	2134	2138	2146	rVB2	43917	70093	2.79%	0.238%
77	15.469	2153	2156	2159	rBV2	13550	18821	0.75%	0.064%
78	15.510	2159	2163	2171	rVB3	36127	68163	2.71%	0.232%
79	15.751	2200	2204	2209	rVB3	23583	48684	1.93%	0.166%
80	15.857	2220	2222	2225	rVB	12098	9842	0.39%	0.033%
81	15.951	2234	2238	2244	rBV2	98173	142238	5.65%	0.484%
82	16.051	2252	2255	2263	rVB3	28682	55887	2.22%	0.190%
83	16.216	2281	2283	2287	rBV	10878	14268	0.57%	0.049%
84	16.310	2295	2299	2304	rBV2	41498	64619	2.57%	0.220%
85	16.581	2340	2345	2348	rBV	63951	88203	3.51%	0.300%
86	16.622	2348	2352	2357	rVV2	50143	79930	3.18%	0.272%
87	16.669	2357	2360	2369	rVV2	45041	91058	3.62%	0.310%
88	16.757	2370	2375	2379	rVV	938696	1295504	51.49%	4.408%
89	16.798	2379	2382	2387	rVV	736540	970286	38.56%	3.301%
90	16.857	2387	2392	2404	rVB	1556166	2229095	88.59%	7.584%
91	17.181	2443	2447	2451	rVB	75327	107692	4.28%	0.366%
92	17.645	2522	2526	2528	rVB2	22994	22600	0.90%	0.077%
93	17.692	2530	2534	2543	rVV	106301	158683	6.31%	0.540%
94	17.828	2554	2557	2563	rVB	56522	78341	3.11%	0.267%
95	18.834	2724	2728	2733	rVB	145092	184727	7.34%	0.629%
96	19.169	2779	2785	2795	rBV	1825850	2516201	100.00%	8.561%
97	20.722	3045	3049	3054	rBV2	207484	255604	10.16%	0.870%
98	20.986	3089	3094	3100	rBV	1049082	1330464	52.88%	4.527%
99	22.945	3422	3427	3432	rBV	1431425	2234497	88.80%	7.603%
100	23.074	3444	3449	3461	rVB2	757268	1373849	54.60%	4.674%

Sum of corrected areas: 29390456

LSC Report - Integrated Chromatogram

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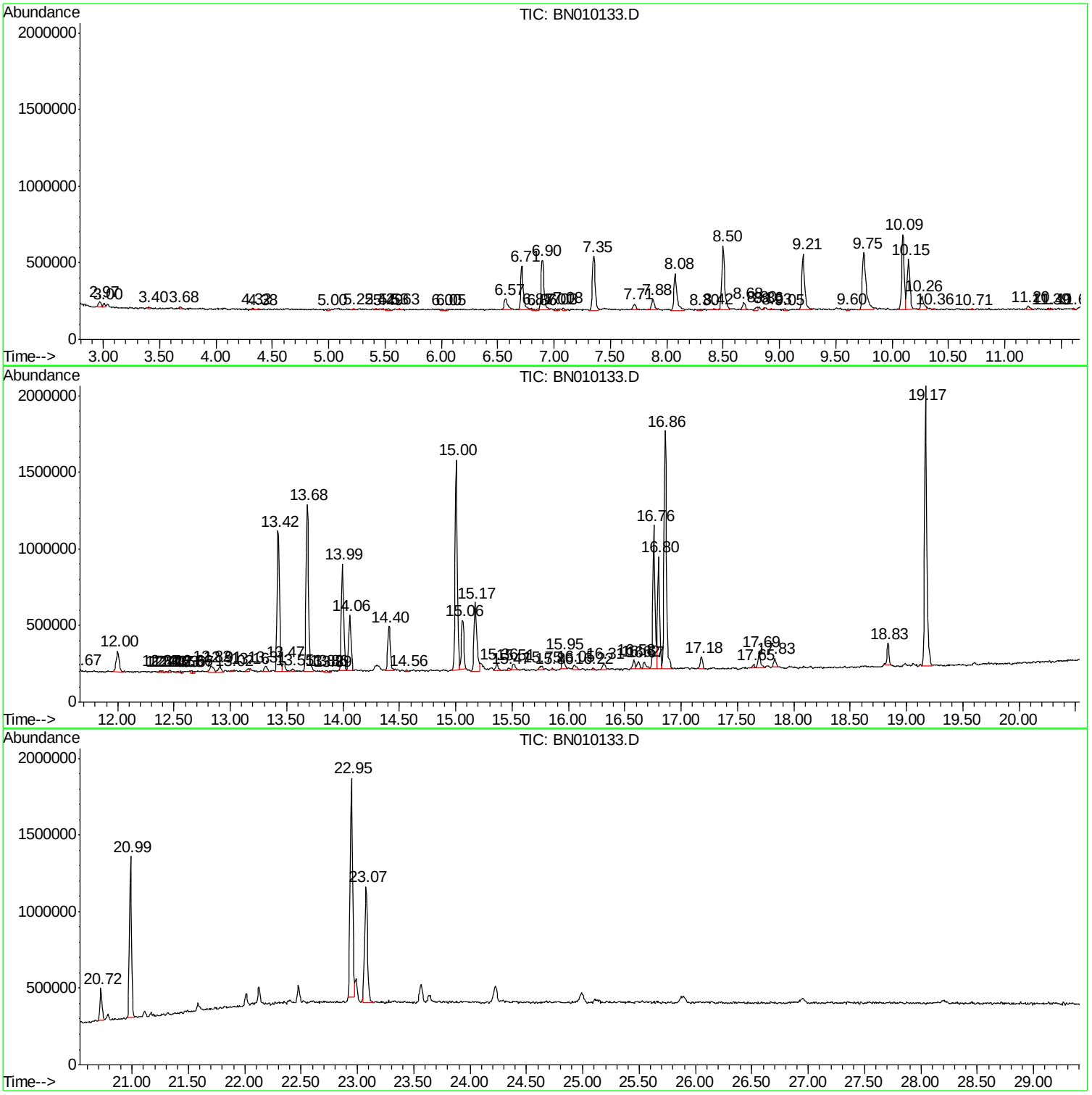
Data File : BN010133.D
Acq On : 06 Mar 2020 23:33
Operator : CG/JU
Sample : L1827-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

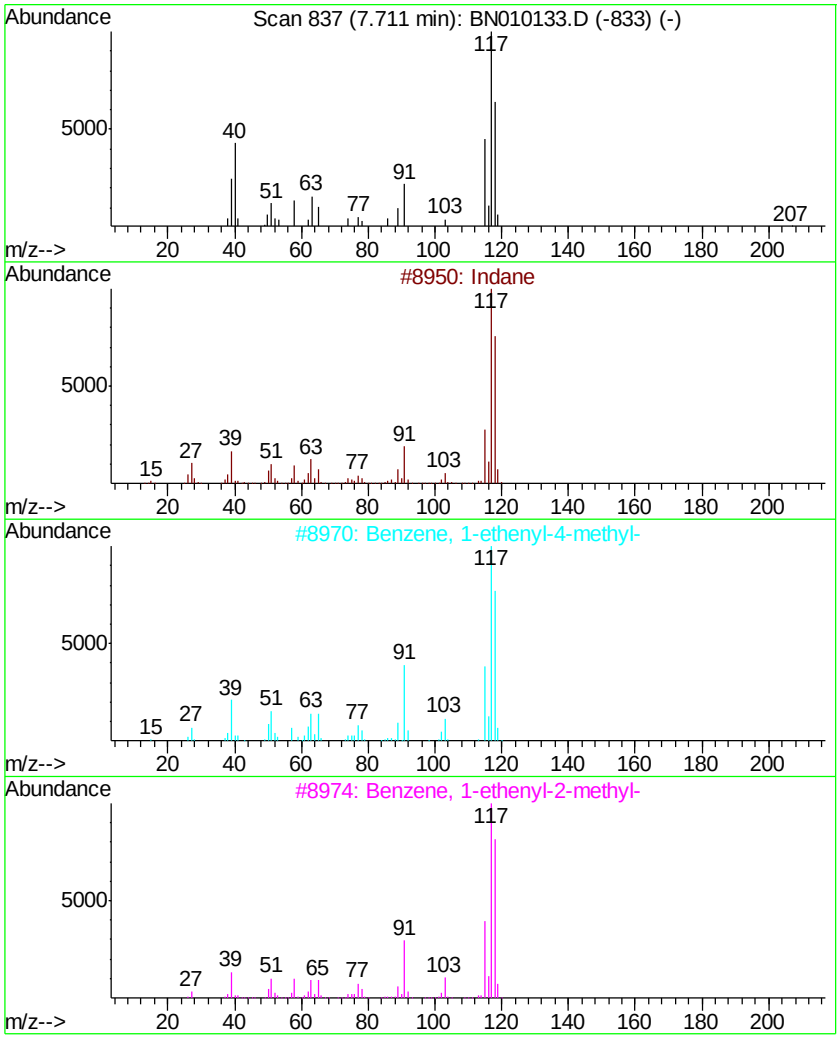
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

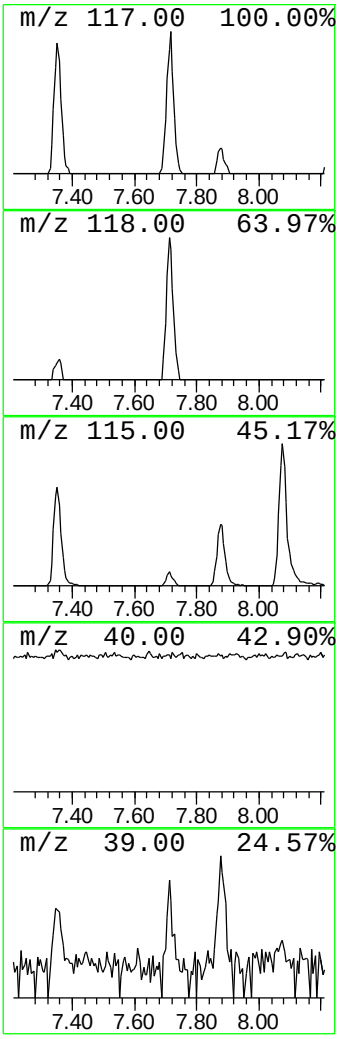
****

Peak Number 1 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	2.48 ng/ul	73001	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4	Indane	118	C9H10	000496-11-7	76
5	Indane	118	C9H10	000496-11-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010133.D
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Operator : CG/JU
Sample : L1827-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

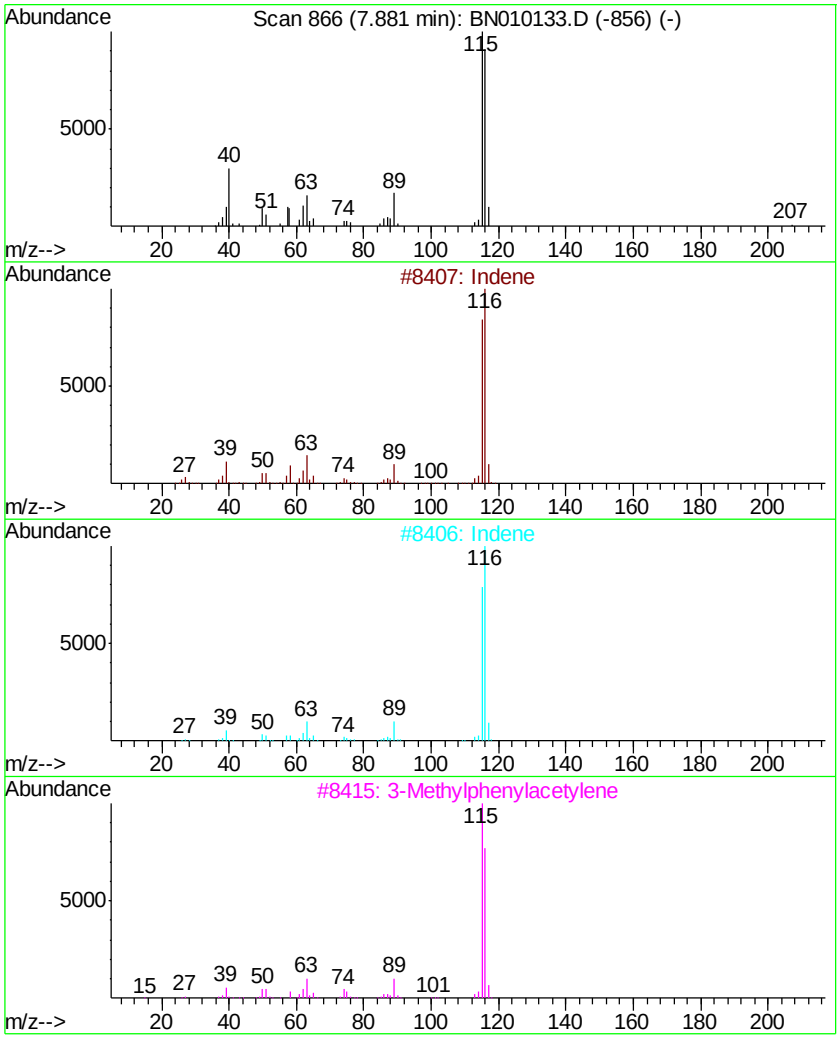
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

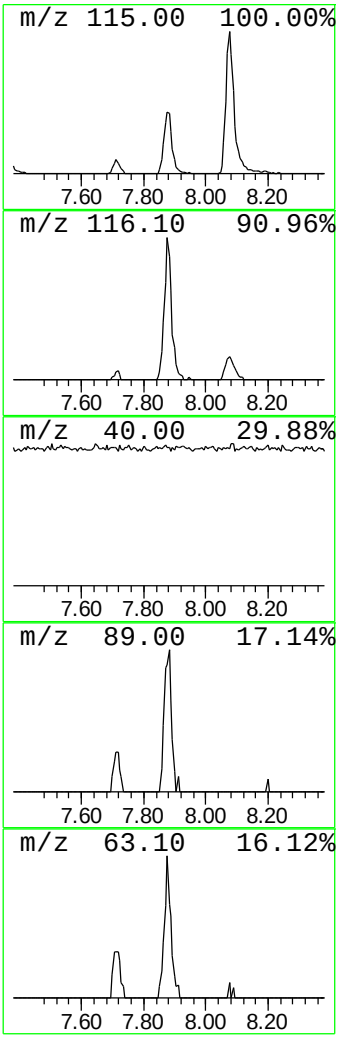
****

Peak Number 2 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	4.87 ng/ul	143446	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Indene	116	C9H8	000095-13-6	87





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : BFR32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

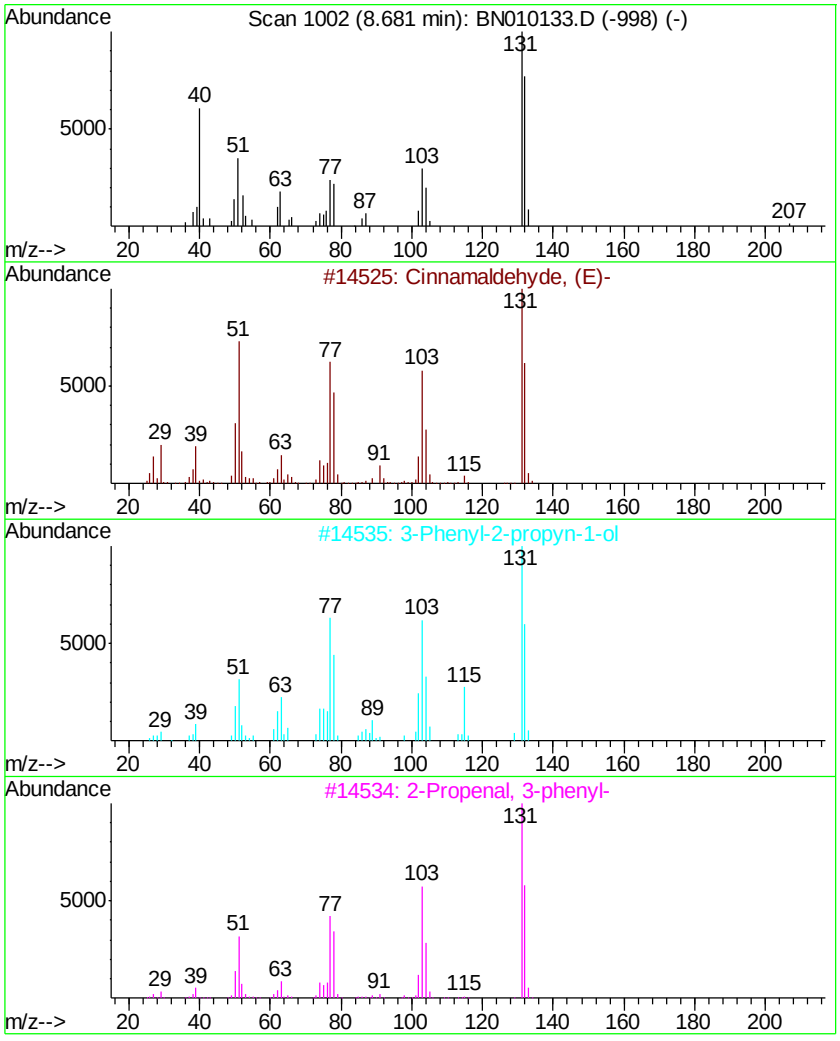
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

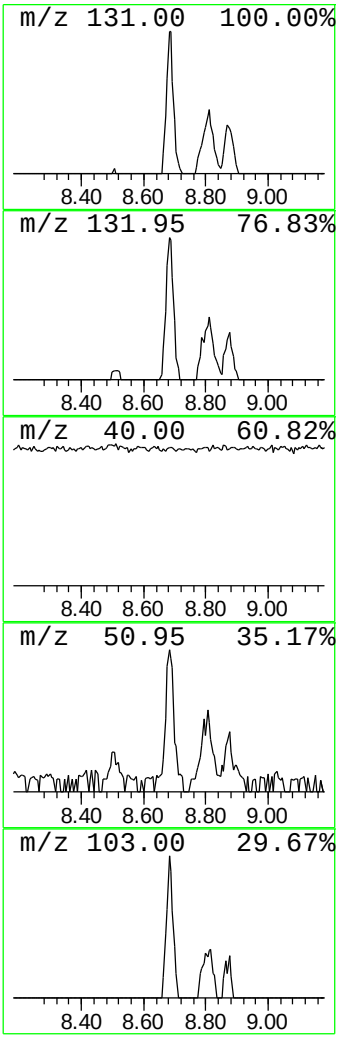
****

Peak Number 3 Cinnamaldehyde, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.93 ng/ul	86319	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	95
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	94
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	94
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	94
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93





Library Search Compound Report

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Sample : L1827-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

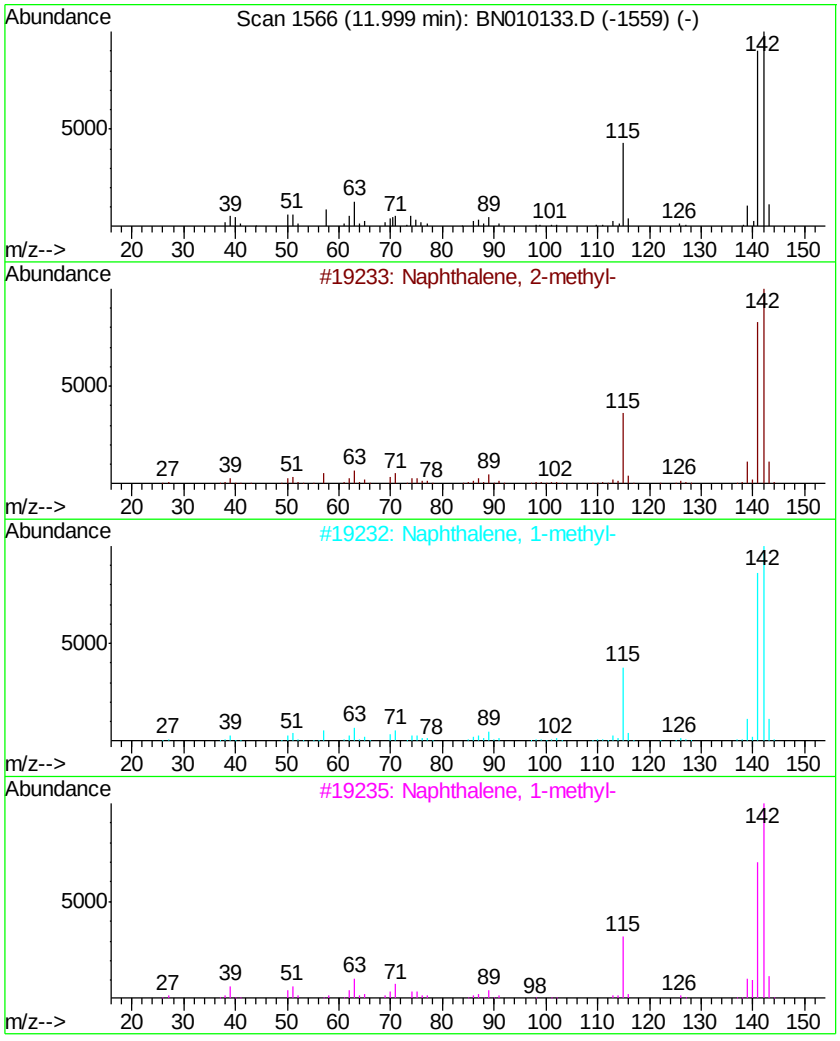
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

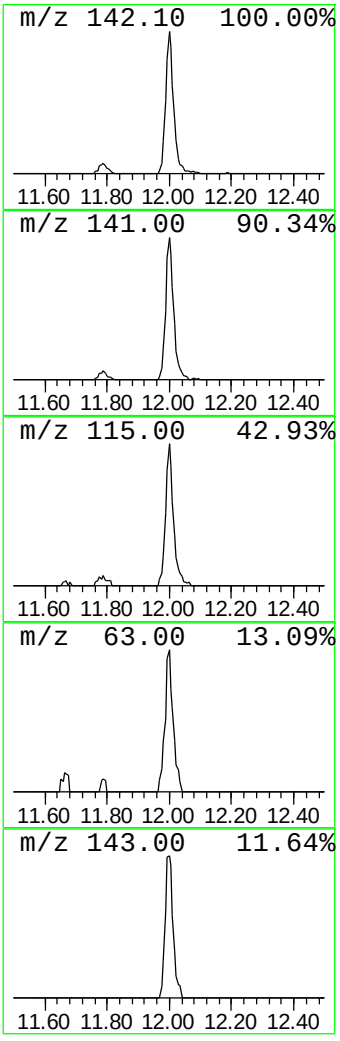
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.21 ng/ul	251157	Naphthalene-d8	10.09

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	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Instrument : BNA_N
ClientSampleId : BFR32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

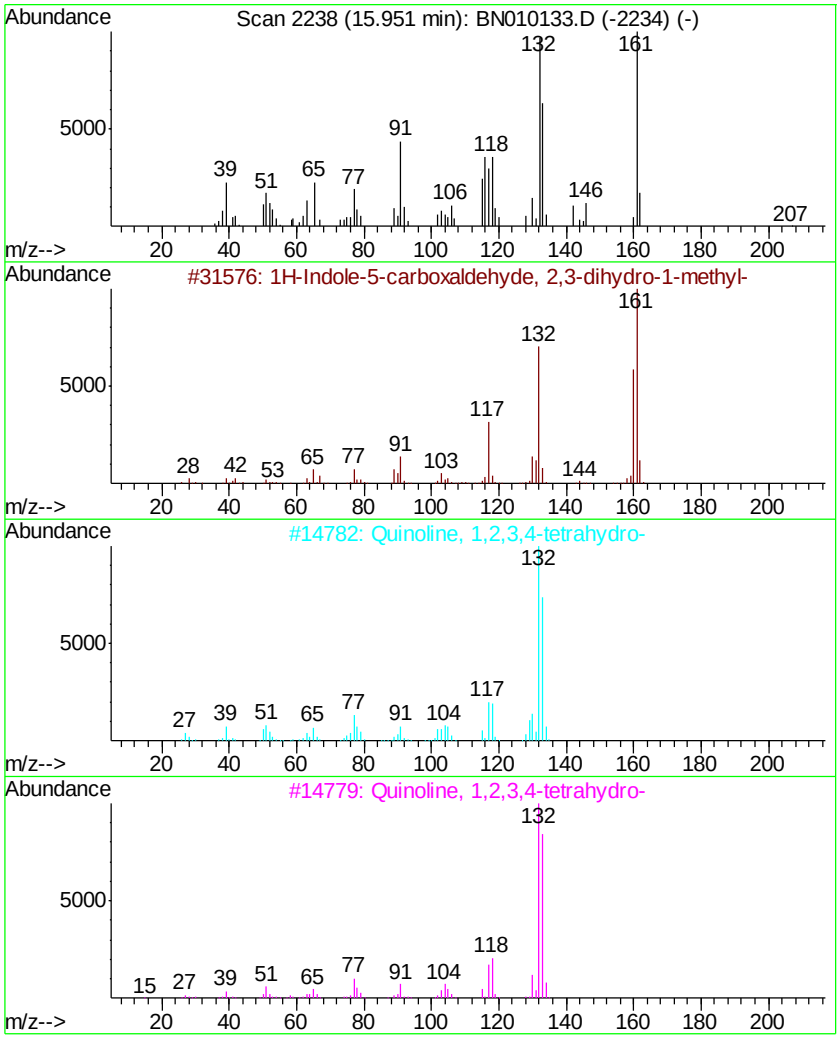
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

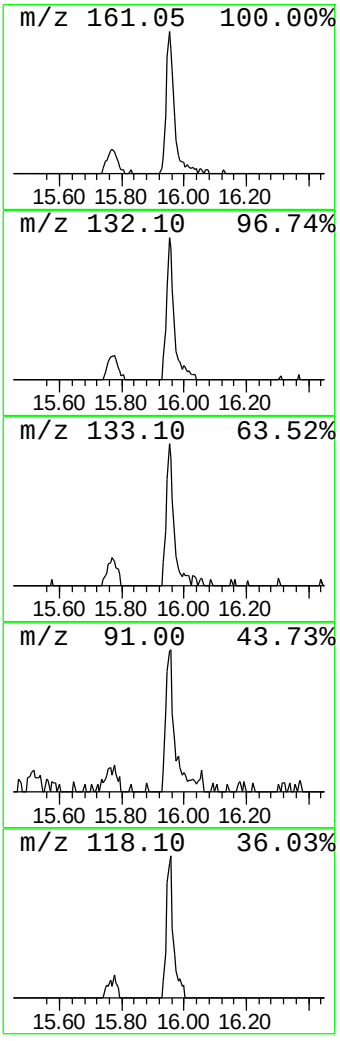
****

Peak Number 5 1H-Indole-5-carboxaldehyde,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.20 ng/ul	142238	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-5-carboxaldehyde, 2,3-...	161	C10H11NO	060082-02-2	58
2	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
3	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
4	Tranylcypromine	133	C9H11N	000155-09-9	55
5	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	55





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

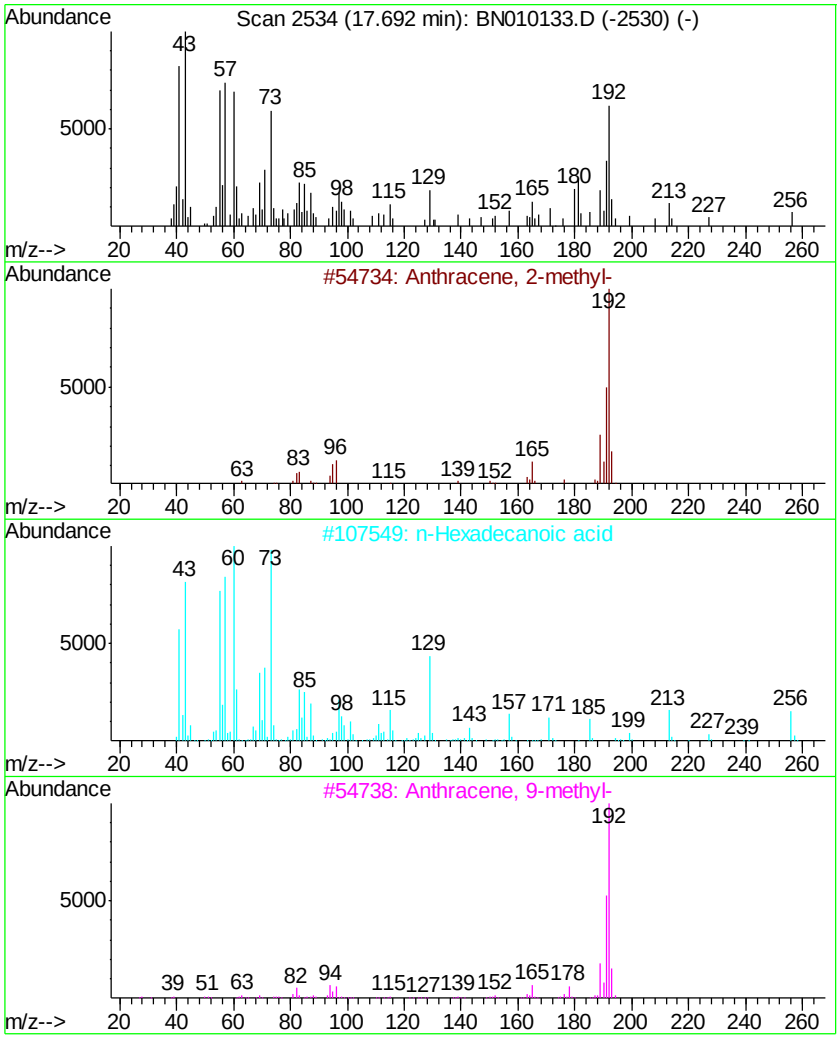
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

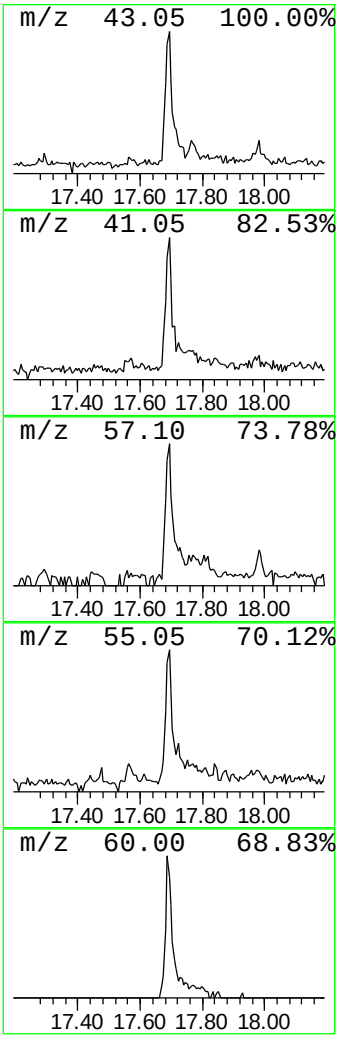
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.45 ng/ul	158683	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	35
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010133.D
Acq On : 06 Mar 2020 23:33
Operator : CG/JU
Sample : L1827-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR32

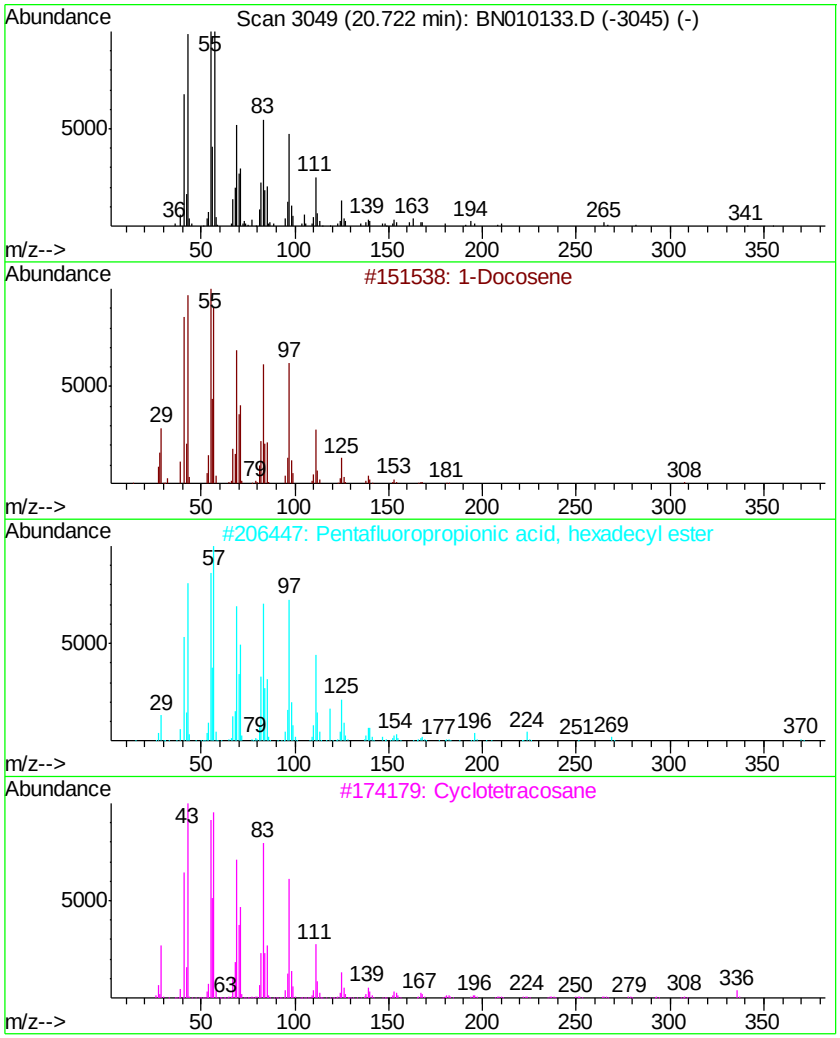
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

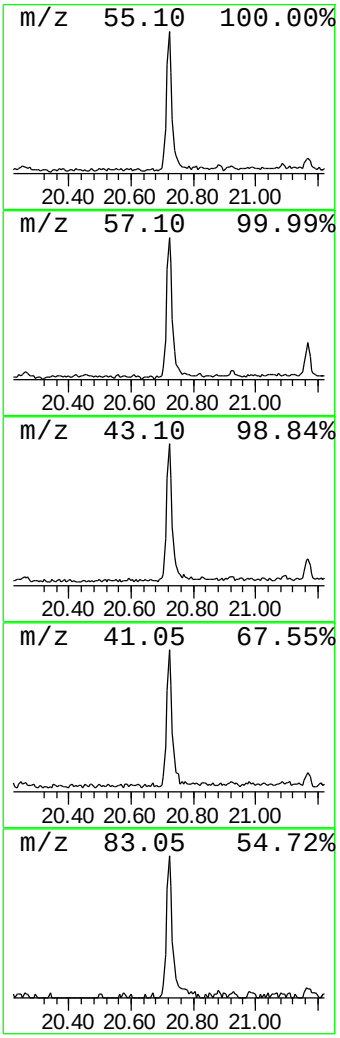
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	3.84 ng/ul	255604	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030620\
Data File : BN010133.D
Acq On : 06 Mar 2020 23:33
Operator : CG/JU
Sample : L1827-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	7.71	2.5	ng/ul	73001	1	7.35	589596	20.0
Indene	7.88	4.9	ng/ul	143446	1	7.35	589596	20.0
Cinnamaldehyde, (E)-	8.68	2.9	ng/ul	86319	1	7.35	589596	20.0
Naphthalene, 1-me...	12.00	6.2	ng/ul	251157	2	10.09	809108	20.0
1H-Indole-5-carbo...	15.95	2.2	ng/ul	142238	4	16.76	1295500	20.0
unknown-01	17.69	2.5	ng/ul	158683	4	16.76	1295500	20.0
(DEL) Alkane: Str...	20.72	3.8	ng/ul	255604	5	20.99	1330460	20.0