LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010132.D
Acq On : 06 Mar 2020 22:57
Operator : CG/JU
Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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	2.969	27	31	35	rBV2	38952	59190	2.20%	0.190%
2	3.011	35	38	41	rVV2	29837	41469	1.54%	0.133%
3	3.034	41	42	49	rVB	26890	33710	1.25%	0.108%
4	3.405	101	105	107	rVV	12017	14774	0.55%	0.047%
5	3.675	149	151	152	rBV	12841	11604	0.43%	0.037%
6	3.746	159	163	167	rVB	10087	18481	0.69%	0.059%
7	3.846	176	180	181	rBV	8833	12366	0.46%	0.040%
8	4.040	210	213	215	rVB	10519	10359	0.39%	0.033%
9	4.246	246	248	250	rVB	14037	10407	0.39%	0.033%
10	4.428	276	279	282	rBV	9982	11465	0.43%	0.037%
11	4.511	291	293	296	rBV	8518	11890	0.44%	0.038%
12	4.781	337	339	342	rBV	7382	10331	0.38%	0.033%
13	5.169	403	405	408	rBV	8807	10532	0.39%	0.034%
14	5.410	441	446	448	rBV	13400	15995	0.60%	0.051%
15	6.152	566	572	573	rBV	10881	12283	0.46%	0.039%
16	6.199	575	580	582	rBV	13758	13485	0.50%	0.043%
17	6.410	613	616	619	rVB	8982	11179	0.42%	0.036%
18	6.469	623	626	628	rBV	11015	10862	0.40%	0.035%
19	6.569	638	643	653	rBV	77386	158989	5.92%	0.510%
20	6.716	662	668	679	rVB	292816	514787	19.16%	1.650%
21	6.899	693	699	706	rBV	347844	591563	22.02%	1.896%
22	7.081	727	730	733	rVB2	18587	15517	0.58%	0.050%
23	7.257	754	760	763	rVB	7562	12820	0.48%	0.041%
24	7.305	763	768	770	rBV	7797	11454	0.43%	0.037%
25	7.352	770	776	788	rVV	347367	595066	22.15%	1.907%
26	7.446	788	792	794	rVV2	12033	22420	0.83%	0.072%
27	7.710	833	837	842	rVB2	43667	69278	2.58%	0.222%
28	7.875	860	865	871	rVV3	77076	134710	5.01%	0.432%
29	8.075	894	899	909	rBV3	259323	466603	17.37%	1.495%
30	8.310	935	939	940	rBV	9888	12867	0.48%	0.041%
31	8.499	964	971	983	rBV	452100	816591	30.40%	2.617%
32	8.681	996	1002	1007	rBV	50412	86913	3.24%	0.279%
33	8.722	1007	1009	1014	rVB	7475	10341	0.38%	0.033%
34	8.810	1014	1024	1030	rBV	26838	67239	2.50%	0.216%

LSC Area Percent Report

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Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	8.875	1030	1035	1040	rVV2	13413	25829	0.96%	0.083%
36	9.210	1086	1092	1102	rBV	374710	666153	24.80%	2.135%
37	9.487	1136	1139	1140	rBV	8641	11212	0.42%	0.036%
38	9.746	1177	1183	1199	rBV	380948	889584	33.12%	2.851%
39	9.987	1222	1224	1229	rBV	8394	10970	0.41%	0.035%
40	10.093	1236	1242	1247	rBV	467540	799151	29.75%	2.561%
41	10.146	1247	1251	1262	rVV	352653	589293	21.94%	1.889%
42	10.263	1265	1271	1285	rBV2	104644	237318	8.83%	0.761%
43	10.534	1310	1317	1318	rBV	8203	13339	0.50%	0.043%
44	10.910	1379	1381	1384	rBV	12642	13411	0.50%	0.043%
45	11.210	1429	1432	1436	rVV2	22995	40435	1.51%	0.130%
46	11.604	1496	1499	1501	rBV	9198	11294	0.42%	0.036%
47	11.669	1505	1510	1512	rBV2	23342	34346	1.28%	0.110%
48	11.698	1512	1515	1517	rBV	9673	11667	0.43%	0.037%
49	11.781	1525	1529	1533	rBV3	15673	24592	0.92%	0.079%
50	11.910	1548	1551	1553	rBV	8509	10819	0.40%	0.035%
51	11.963	1557	1560	1561	rBV	11092	12203	0.45%	0.039%
52	11.998	1561	1566	1576	rVB3	159313	293831	10.94%	0.942%
53	12.163	1592	1594	1599	rVB	8074	11621	0.43%	0.037%
54	12.687	1681	1683	1687	rBV	6913	11193	0.42%	0.036%
55	12.839	1701	1709	1715	rBV3	45059	123504	4.60%	0.396%
56	12.910	1717	1721	1725	rVB3	35924	60104	2.24%	0.193%
57	13.016	1734	1739	1746	rBV2	12871	29018	1.08%	0.093%
58	13.157	1758	1763	1764	rBV	32912	41025	1.53%	0.131%
59	13.316	1784	1790	1796	rVV2	46061	82573	3.07%	0.265%
60	13.422	1803	1808	1814	rBV	980636	1440619	53.63%	4.617%
61	13.469	1814	1816	1824	rVB2	60446	96250	3.58%	0.308%
62	13.551	1826	1830	1833	rBV3	18943	27410	1.02%	0.088%
63	13.681	1846	1852	1863	rBV	1098924	1656846	61.68%	5.310%
64	13.998	1900	1906	1911	rBV2	687615	1048379	39.03%	3.360%
65	14.063	1911	1917	1922	rVV	390899	580266	21.60%	1.860%
66	14.228	1941	1945	1948	rBV	8773	14542	0.54%	0.047%
67	14.292	1951	1956	1958	rBV2	36463	65979	2.46%	0.211%
68	14.404	1970	1975	1983	rBV	315056	500894	18.65%	1.605%
69	14.963	2065	2070	2071	rBV	14413	21705	0.81%	0.070%
70	15.004	2071	2077	2082	rVV	1409074	2032289	75.65%	6.513%
71	15.057	2082	2086	2094	rVB	349527	523875	19.50%	1.679%

LSC Area Percent Report

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Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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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Peak separation: 5

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

72	15.169	2100	2105	2112	rBV	487769	850841	31.67%	2.727%
73	15.363	2134	2138	2143	rVB2	47636	65559	2.44%	0.210%
74	15.404	2143	2145	2148	rVB	12175	12024	0.45%	0.039%
75	15.475	2153	2157	2159	rBV2	14866	20814	0.77%	0.067%
76	15.510	2160	2163	2172	rVB2	44625	79658	2.97%	0.255%
77	15.592	2175	2177	2178	rBV2	14490	11705	0.44%	0.038%
78	15.757	2199	2205	2210	rBV2	26557	59323	2.21%	0.190%
79	15.951	2234	2238	2246	rBV2	106228	167482	6.23%	0.537%
80	16.051	2252	2255	2258	rBV	27626	39885	1.48%	0.128%
81	16.310	2296	2299	2307	rBV2	49950	88826	3.31%	0.285%
82	16.580	2341	2345	2348	rBV	58379	81284	3.03%	0.261%
83	16.622	2348	2352	2357	rVB	51110	73659	2.74%	0.236%
84	16.675	2357	2361	2369	rBV2	57348	100236	3.73%	0.321%
85	16.757	2370	2375	2379	rVV	930640	1257785	46.82%	4.031%
86	16.798	2379	2382	2387	rVV	734573	972467	36.20%	3.117%
87	16.857	2387	2392	2403	rVB2	1653593	2337029	87.00%	7.490%
88	17.180	2443	2447	2456	rVB2	83198	124040	4.62%	0.398%
89	17.292	2464	2466	2469	rBV	12135	12198	0.45%	0.039%
90	17.563	2508	2512	2516	rBV2	16793	33084	1.23%	0.106%
91	17.639	2522	2525	2529	rVB2	22583	26458	0.98%	0.085%
92	17.692	2529	2534	2542	rBV2	141921	219014	8.15%	0.702%
93	17.827	2554	2557	2563	rVB2	60296	84886	3.16%	0.272%
94	18.833	2724	2728	2732	rBV	145458	188287	7.01%	0.603%
95	19.169	2780	2785	2795	rBV	1968898	2686322	100.00%	8.610%
96	20.721	3046	3049	3056	rBV3	236617	315748	11.75%	1.012%
97	20.986	3089	3094	3103	rVB	1029609	1350894	50.29%	4.330%
98	22.127	3285	3288	3295	rVB	168633	204743	7.62%	0.656%
99	22.945	3422	3427	3432	rBV	1521147	2416120	89.94%	7.744%
100	23.074	3444	3449	3462	rVB	778174	1349762	50.25%	4.326%

Sum of corrected areas: 31201212

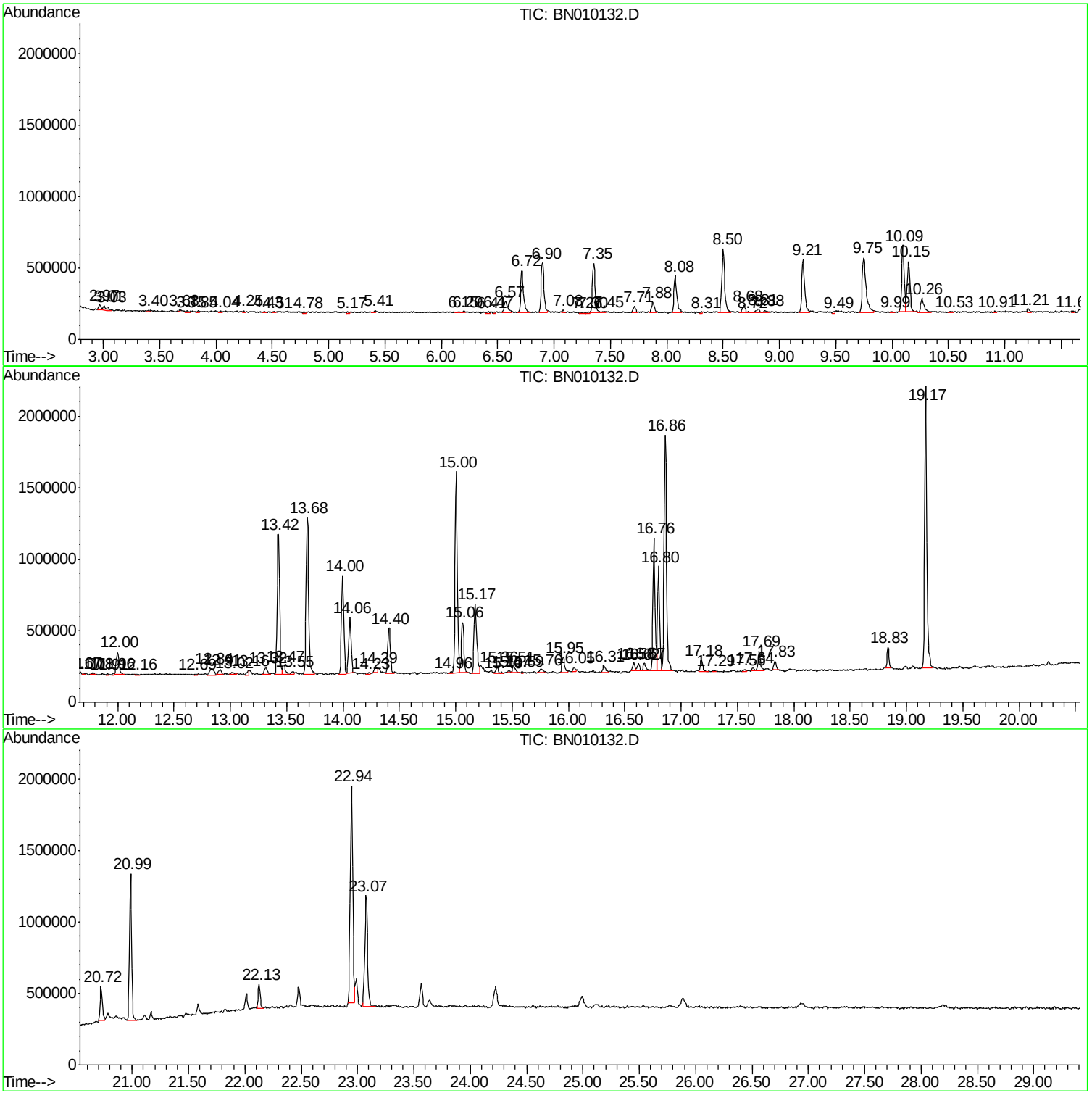
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010132.D
Acq On : 06 Mar 2020 22:57
Operator : CG/JU
Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

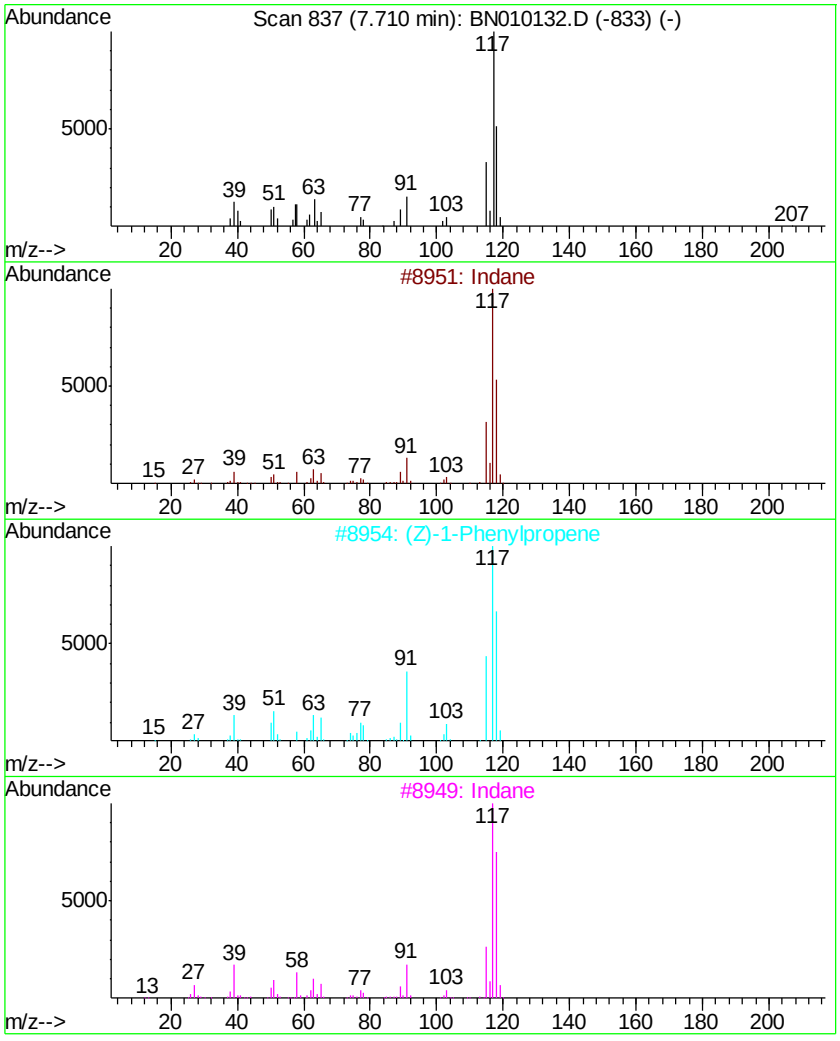
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

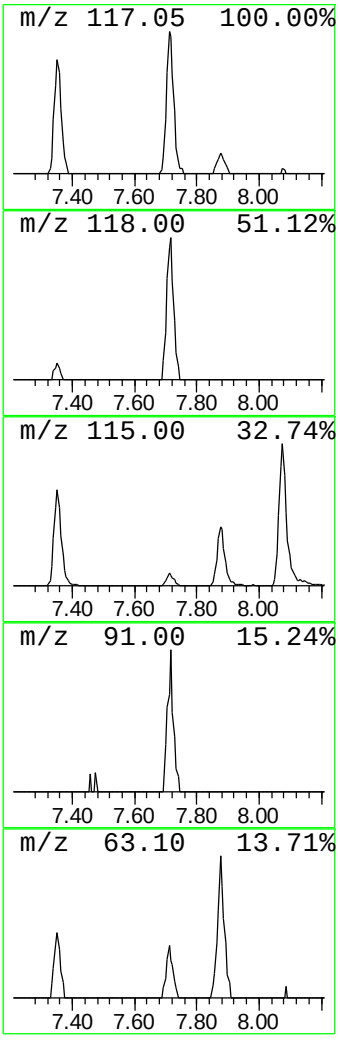
****

Peak Number 1 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	2.33 ng/ul	69278	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	87
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010132.D
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Operator : CG/JU
Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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

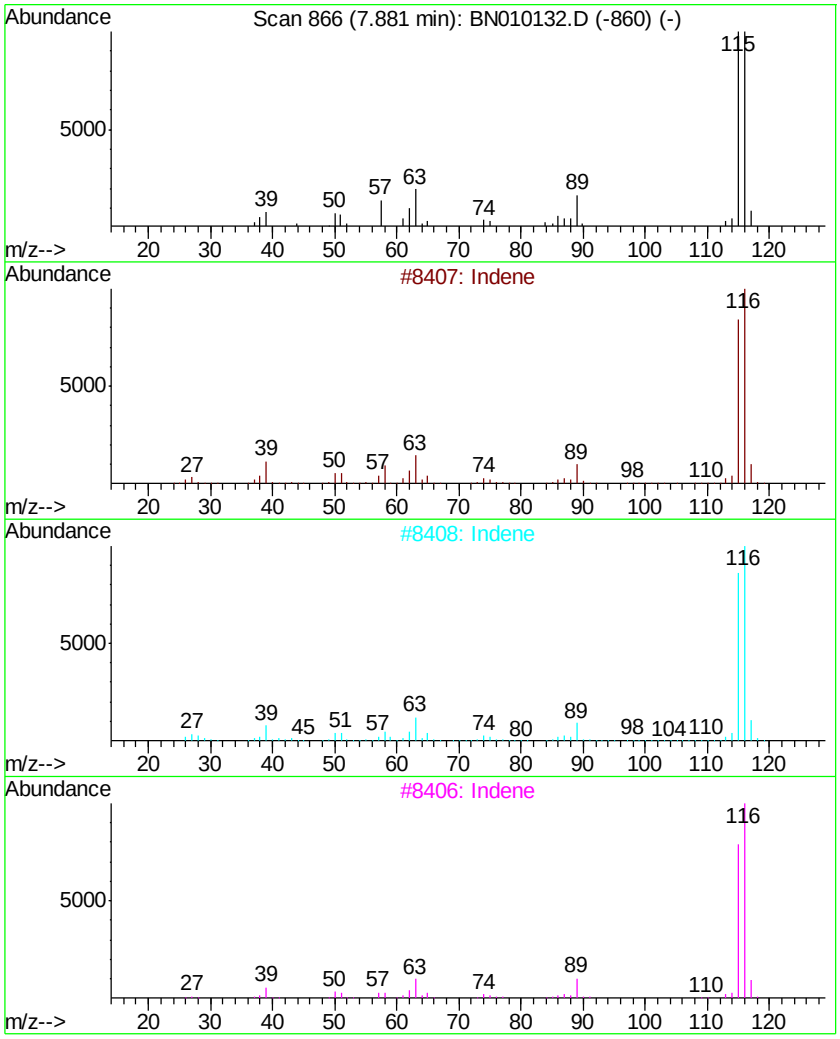
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

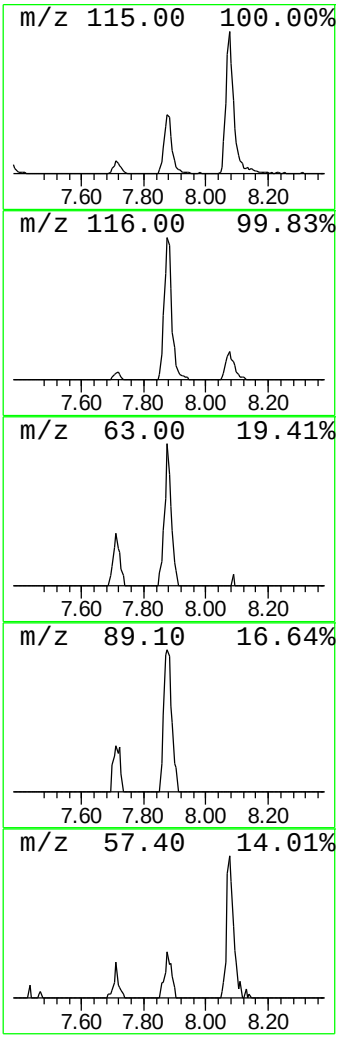
****

Peak Number 2 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	4.53 ng/ul	134710	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	74





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ClientSampleId : BFR34

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

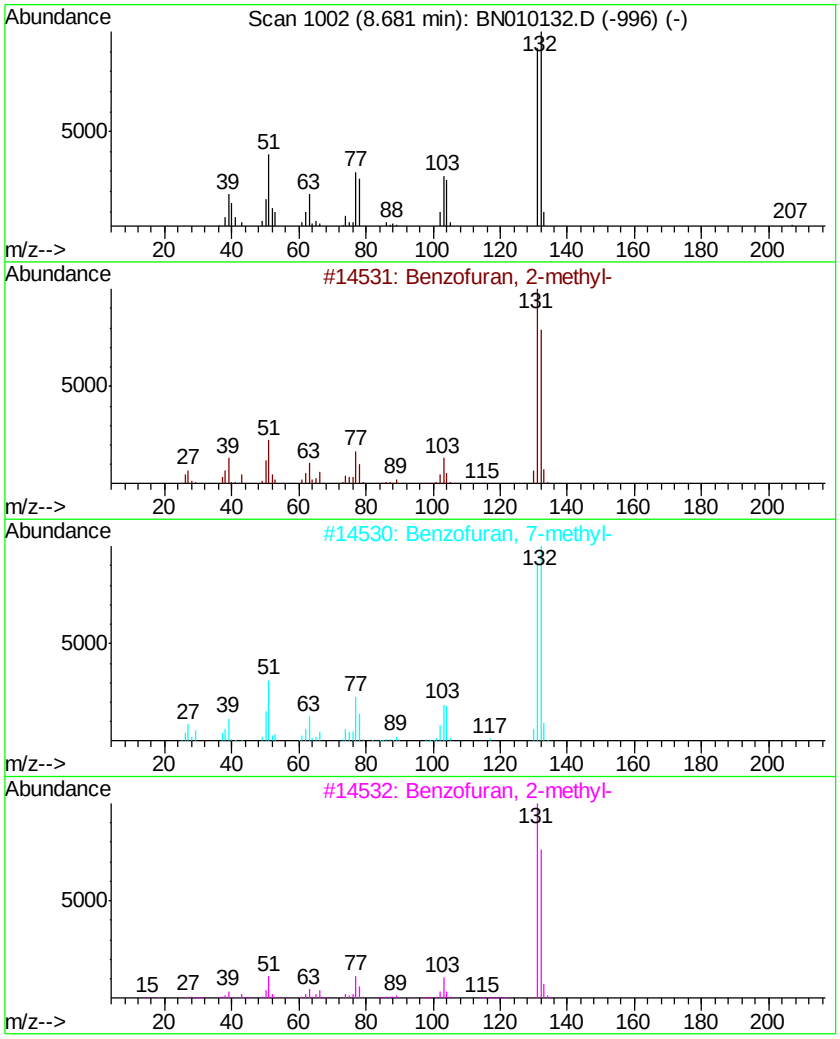
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

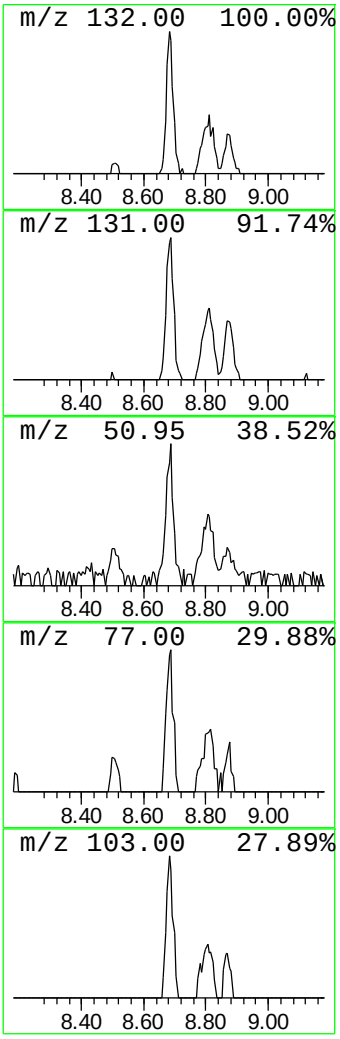
****

Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.92 ng/ul	86913	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	81
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	81





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Data File : BN010132.D
Acq On : 06 Mar 2020 22:57
Operator : CG/JU
Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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

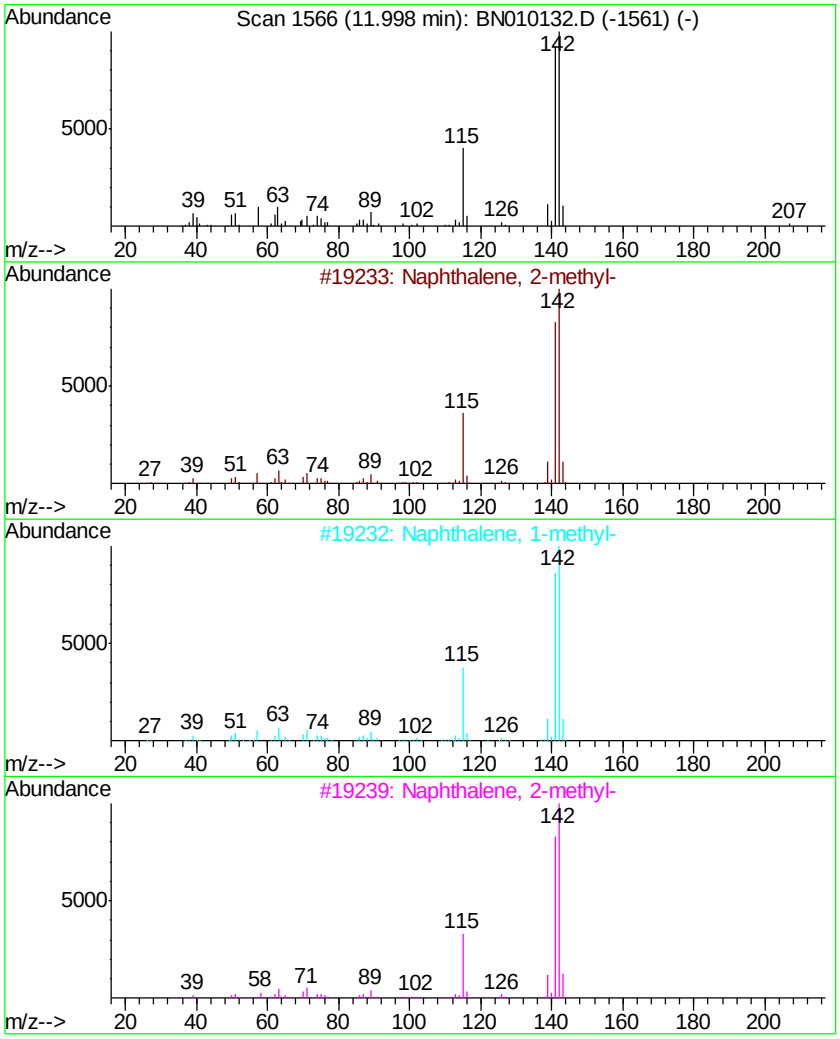
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

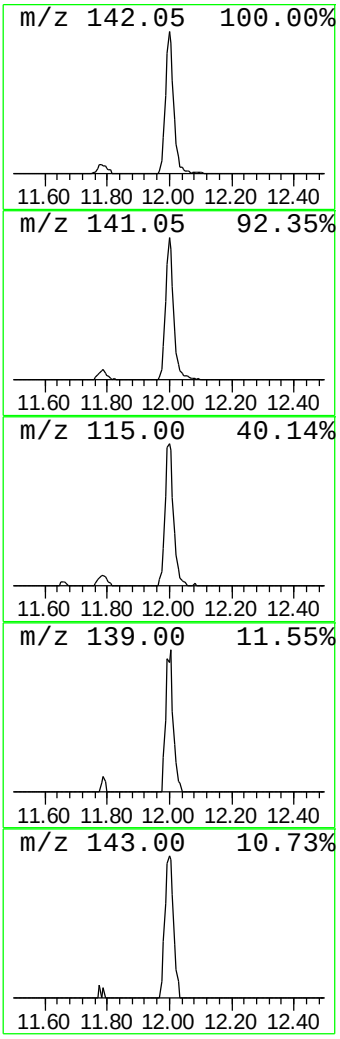
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.35 ng/ul	293831	Naphthalene-d8	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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

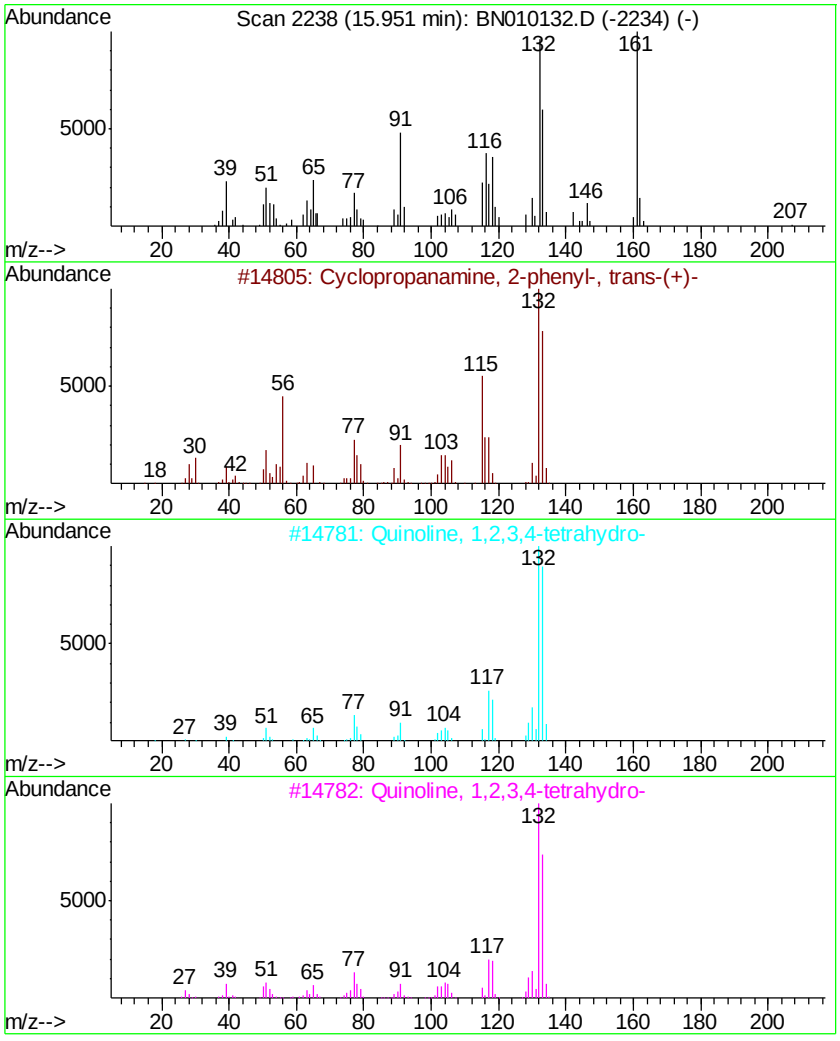
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

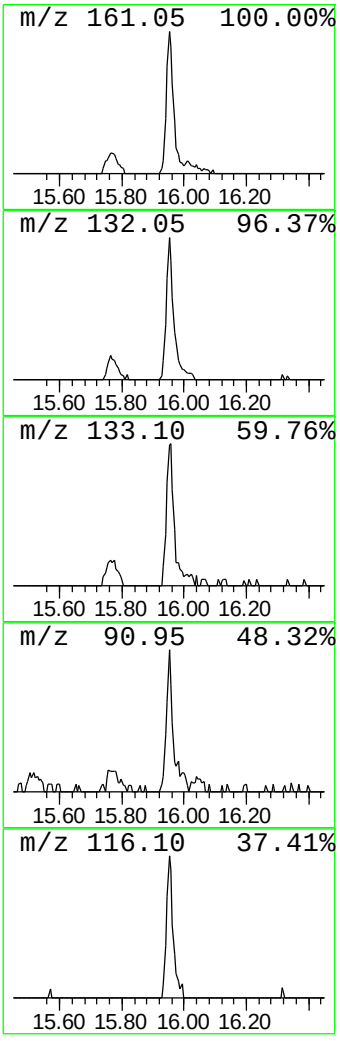
****

Peak Number 5 Cyclopropanamine, 2-phenyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.66 ng/ul	167482	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	55
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	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	55
5	5-Aminoindan	133	C9H11N	024425-40-9	50





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Data File : BN010132.D
Acq On : 06 Mar 2020 22:57
Operator : CG/JU
Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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Quant Title : SVOA CALIBRATION

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

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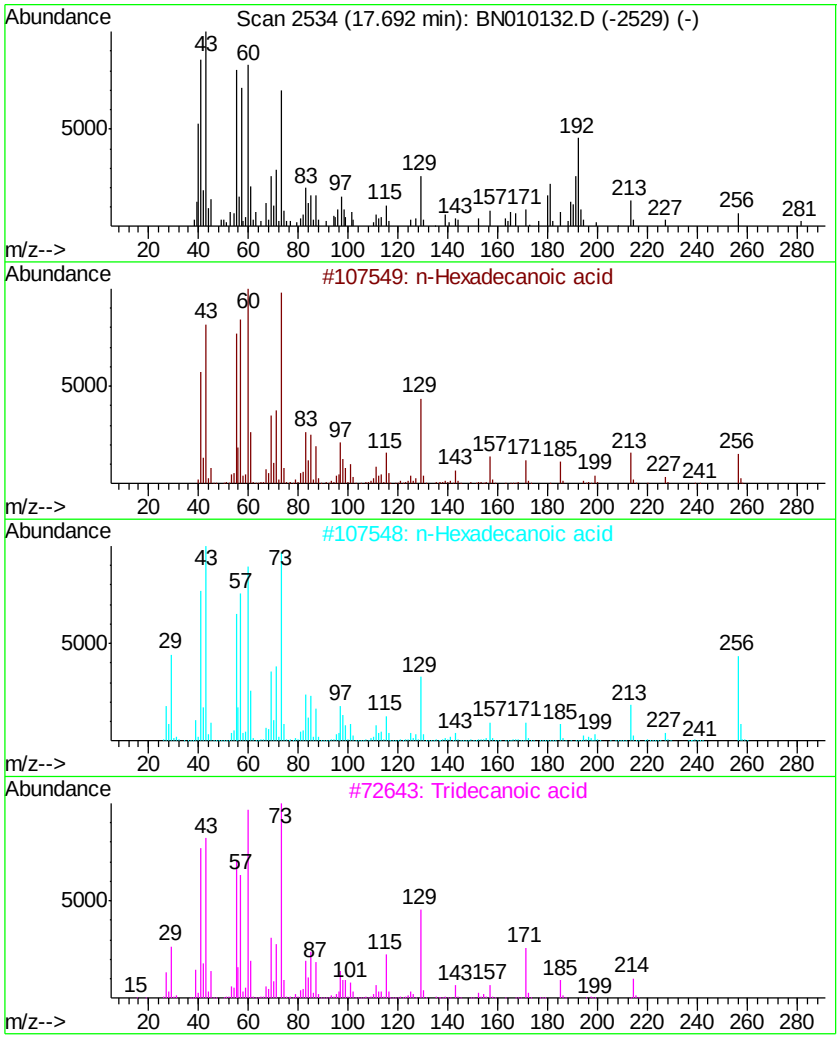
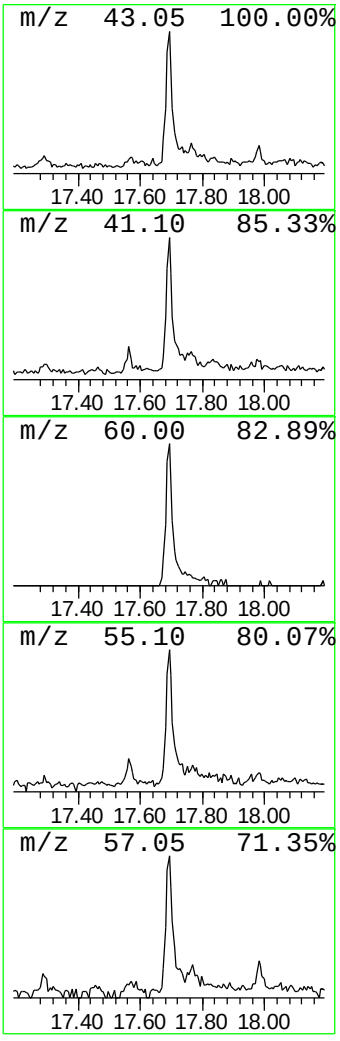
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	3.48 ng/ul	219014	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





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Data File : BN010132.D
Acq On : 06 Mar 2020 22:57
Operator : CG/JU
Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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

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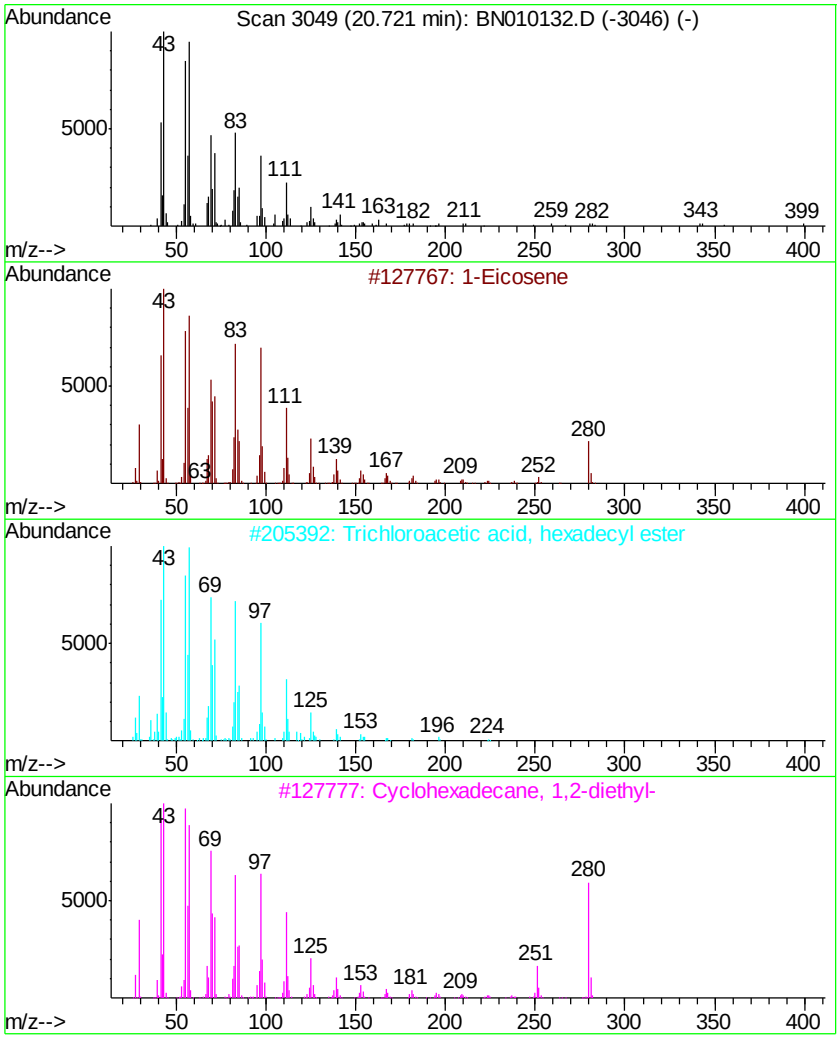
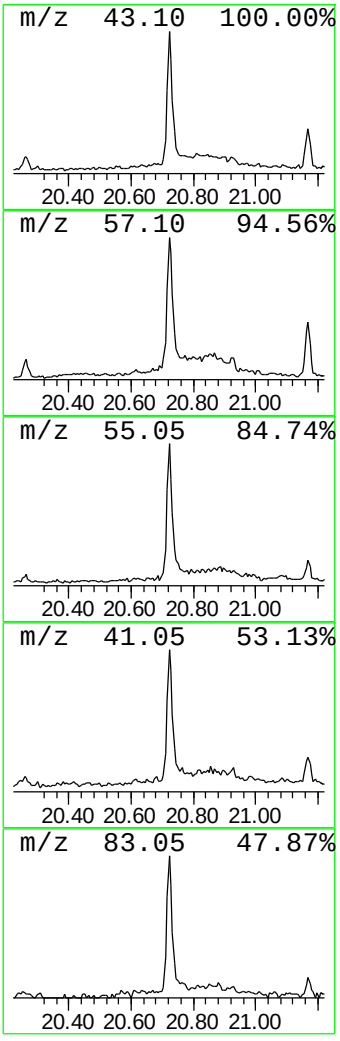
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	4.67 ng/ul	315748	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	91





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Acq On : 06 Mar 2020 22:57
Operator : CG/JU
Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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

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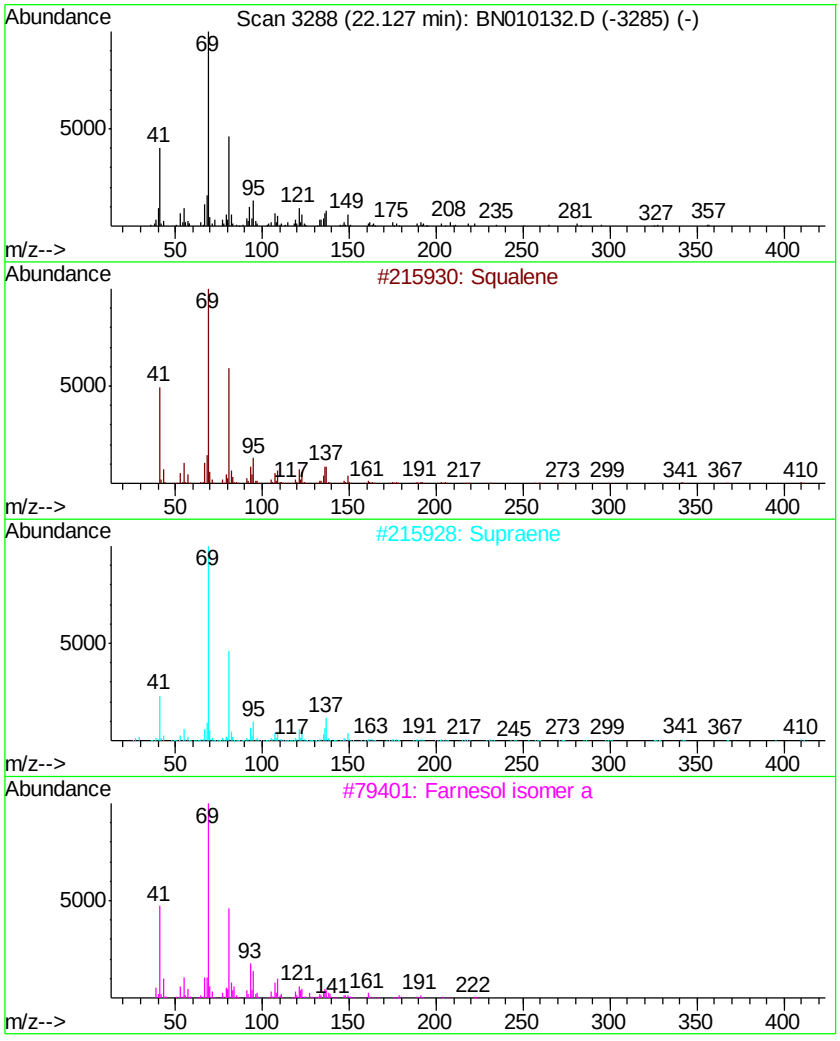
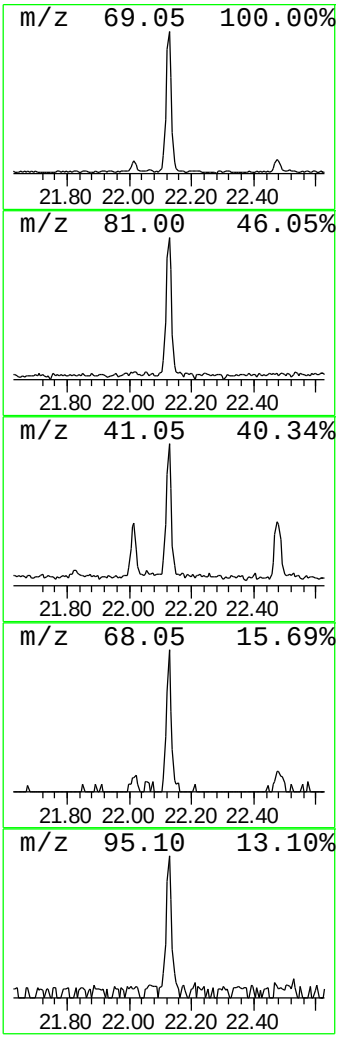
Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	3.03 ng/ul	204743	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	87
3	Farnesol isomer a	222	C15H26O	1000108-92-4	87
4	Squalene	410	C30H50	000111-02-4	80
5	Squalene	410	C30H50	000111-02-4	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030620\
Data File : BN010132.D
Acq On : 06 Mar 2020 22:57
Operator : CG/JU
Sample : L1827-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFR34

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	2.3	ng/ul	69278	1	7.35	595066	20.0
Indene	7.88	4.5	ng/ul	134710	1	7.35	595066	20.0
Benzofuran, 2-met...	8.68	2.9	ng/ul	86913	1	7.35	595066	20.0
Naphthalene, 1-me...	12.00	7.3	ng/ul	293831	2	10.10	799151	20.0
Cyclopropanamine,...	15.95	2.7	ng/ul	167482	4	16.76	1257790	20.0
n-Hexadecanoic acid	17.69	3.5	ng/ul	219014	4	16.76	1257790	20.0
(DEL) Alkane: Str...	20.72	4.7	ng/ul	315748	5	20.99	1350890	20.0
Squalene	22.13	3.0	ng/ul	204743	6	23.07	1349760	20.0