LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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-BM121520MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	33	36	45	rVB	22259	29264	0.36%	0.081%
2	6.634	582	586	596	rVB	12037	20119	0.25%	0.055%
3	7.322	689	703	710	rBV	103037	168619	2.09%	0.464%
4	7.498	726	733	741	rBV	335230	518699	6.43%	1.428%
5	7.704	761	768	776	rVB	373439	595135	7.38%	1.639%
6	7.781	776	781	786	rBV4	5392	8625	0.11%	0.024%
7	8.081	829	832	837	rVB2	7678	10984	0.14%	0.030%
8	8.187	843	850	856	rVV	354823	560754	6.95%	1.544%
9	8.563	908	914	919	rBV	43019	65505	0.81%	0.180%
10	8.839	955	961	963	rBV4	7080	12195	0.15%	0.034%
11	8.887	963	969	978	rVB	280863	453024	5.62%	1.247%
12	9.039	987	995	1001	rBV	19437	31714	0.39%	0.087%
13	9.228	1023	1027	1032	rVV3	8088	14305	0.18%	0.039%
14	9.304	1035	1040	1043	rVV4	15792	28164	0.35%	0.078%
15	9.357	1043	1049	1060	rVB	408145	687390	8.52%	1.893%
16	9.545	1073	1081	1086	rBV5	5772	11544	0.14%	0.032%
17	9.663	1094	1101	1110	rBV6	7845	21912	0.27%	0.060%
18	9.745	1110	1115	1118	rBV4	4526	8245	0.10%	0.023%
19	9.845	1125	1132	1135	rBV6	4872	11091	0.14%	0.031%
20	10.086	1165	1173	1184	rBV	346868	570695	7.08%	1.571%
21	10.192	1187	1191	1196	rBV3	6439	10287	0.13%	0.028%
22	10.251	1196	1201	1205	rBV	15003	24609	0.31%	0.068%
23	10.622	1258	1264	1272	rVV	512509	846881	10.50%	2.332%
24	10.781	1286	1291	1299	rVB6	4837	11082	0.14%	0.031%
25	10.922	1310	1315	1319	rVV4	4786	8608	0.11%	0.024%
26	11.010	1323	1330	1337	rVV	472633	802148	9.95%	2.209%
27	11.063	1337	1339	1343	rVV2	11871	14252	0.18%	0.039%
28	11.139	1343	1352	1356	rVV3	36520	93206	1.16%	0.257%
29	11.180	1356	1359	1365	rVB	44803	69878	0.87%	0.192%
30	11.486	1404	1411	1415	rBV5	5337	9890	0.12%	0.027%
31	11.586	1422	1428	1437	rVV5	11908	20392	0.25%	0.056%
32	11.910	1477	1483	1486	rBV7	5591	9303	0.12%	0.026%
33	12.116	1513	1518	1523	rBV2	21659	33624	0.42%	0.093%
34	12.404	1559	1567	1571	rBV5	12011	31189	0.39%	0.086%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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-BM121520MA.M
Title : SVOA CALIBRATION

35	12.457	1571	1576	1579	rVV4	9233	18681	0.23%	0.051%
36	12.492	1579	1582	1588	rVV2	9637	16300	0.20%	0.045%
37	12.557	1588	1593	1601	rVV2	36122	67140	0.83%	0.185%
38	12.675	1609	1613	1618	rBV2	7065	10210	0.13%	0.028%
39	12.863	1638	1645	1650	rBV4	12754	26835	0.33%	0.074%
40	13.022	1666	1672	1675	rBV7	4224	8411	0.10%	0.023%
41	13.169	1687	1697	1702	rVB10	8562	21727	0.27%	0.060%
42	13.251	1704	1711	1714	rBV5	8426	18583	0.23%	0.051%
43	13.416	1733	1739	1743	rVB5	11527	18328	0.23%	0.050%
44	13.504	1749	1754	1771	rVB	66933	112263	1.39%	0.309%
45	13.651	1773	1779	1784	rBV	59674	88778	1.10%	0.244%
46	13.816	1797	1807	1814	rBV2	72004	143507	1.78%	0.395%
47	13.945	1822	1829	1833	rBV2	24684	40666	0.50%	0.112%
48	13.986	1833	1836	1844	rVB7	7039	16487	0.20%	0.045%
49	14.157	1861	1865	1868	rVB6	5306	8242	0.10%	0.023%
50	14.210	1868	1874	1879	rBV	985242	1358000	16.84%	3.739%
51	14.257	1879	1882	1888	rVV	65447	86682	1.07%	0.239%
52	14.333	1890	1895	1899	rVB8	6512	8949	0.11%	0.025%
53	14.410	1904	1908	1912	rBV6	5737	9734	0.12%	0.027%
54	14.510	1918	1925	1934	rVB	1147832	1618855	20.07%	4.457%
55	14.816	1970	1977	1985	rVB	664031	1009402	12.52%	2.779%
56	14.886	1985	1989	1994	rBV	13706	19123	0.24%	0.053%
57	14.986	1998	2006	2014	rVB	114580	179522	2.23%	0.494%
58	15.204	2038	2043	2048	rVB	31724	45522	0.56%	0.125%
59	15.345	2059	2067	2070	rBV3	34261	54656	0.68%	0.150%
60	15.386	2070	2074	2077	rVV5	25812	42316	0.52%	0.117%
61	15.427	2077	2081	2086	rVB	95672	136672	1.69%	0.376%
62	15.521	2091	2097	2101	rBV7	13099	25552	0.32%	0.070%
63	15.610	2109	2112	2118	rVB2	12743	19254	0.24%	0.053%
64	15.704	2122	2128	2130	rBV6	7394	13196	0.16%	0.036%
65	15.798	2137	2144	2149	rBV	1374310	1962794	24.34%	5.404%
66	15.851	2149	2153	2157	rVV	79801	110157	1.37%	0.303%
67	15.910	2157	2163	2173	rVV	2295360	3276474	40.63%	9.021%
68	16.004	2175	2179	2181	rVV2	17839	26173	0.32%	0.072%
69	16.033	2181	2184	2190	rVB4	16941	29836	0.37%	0.082%
70	16.133	2197	2201	2207	rVB4	22711	37212	0.46%	0.102%
71	16.186	2207	2210	2218	rVB10	10986	25458	0.32%	0.070%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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-BM121520MA.M
Title : SVOA CALIBRATION

72	16.374	2238	2242	2247	rVB3	9239	13918	0.17%	0.038%
73	16.468	2253	2258	2263	rBV7	6647	14940	0.19%	0.041%
74	16.527	2263	2268	2272	rBV8	5749	10230	0.13%	0.028%
75	16.662	2285	2291	2297	rVV10	8813	21482	0.27%	0.059%
76	16.821	2310	2318	2325	rBV3	33026	87394	1.08%	0.241%
77	16.892	2325	2330	2338	rBV2	27501	58576	0.73%	0.161%
78	16.992	2343	2347	2351	rVB2	18622	25628	0.32%	0.071%
79	17.110	2362	2367	2370	rBV6	7195	14316	0.18%	0.039%
80	17.186	2373	2380	2391	rBV	5464585	8064935	100.00%	22.206%
81	17.298	2395	2399	2405	rVV3	33959	65887	0.82%	0.181%
82	17.357	2405	2409	2413	rVB	25259	34966	0.43%	0.096%
83	17.533	2433	2439	2448	rBV	774408	1098264	13.62%	3.024%
84	17.633	2450	2456	2467	rVV	1584024	2197859	27.25%	6.052%
85	17.733	2468	2473	2476	rVV3	23338	32168	0.40%	0.089%
86	17.898	2499	2501	2505	rBV5	7658	10168	0.13%	0.028%
87	17.927	2505	2506	2512	rVB3	12202	10845	0.13%	0.030%
88	18.151	2542	2544	2548	rVB4	7499	9117	0.11%	0.025%
89	18.392	2580	2585	2594	rBV	120002	194115	2.41%	0.534%
90	19.527	2776	2778	2782	rVB	18401	16411	0.20%	0.045%
91	19.645	2795	2798	2805	rBV3	36533	47794	0.59%	0.132%
92	19.780	2818	2821	2829	rVB	19617	29404	0.36%	0.081%
93	19.892	2834	2840	2849	rVV	1882597	2503832	31.05%	6.894%
94	21.339	3082	3086	3093	rBV	305481	395821	4.91%	1.090%
95	21.645	3134	3138	3144	rBV	929041	1132089	14.04%	3.117%
96	23.856	3507	3514	3522	rVB	1344394	2529367	31.36%	6.964%
97	24.003	3533	3539	3549	rVB2	580607	1174083	14.56%	3.233%

Sum of corrected areas: 36318638

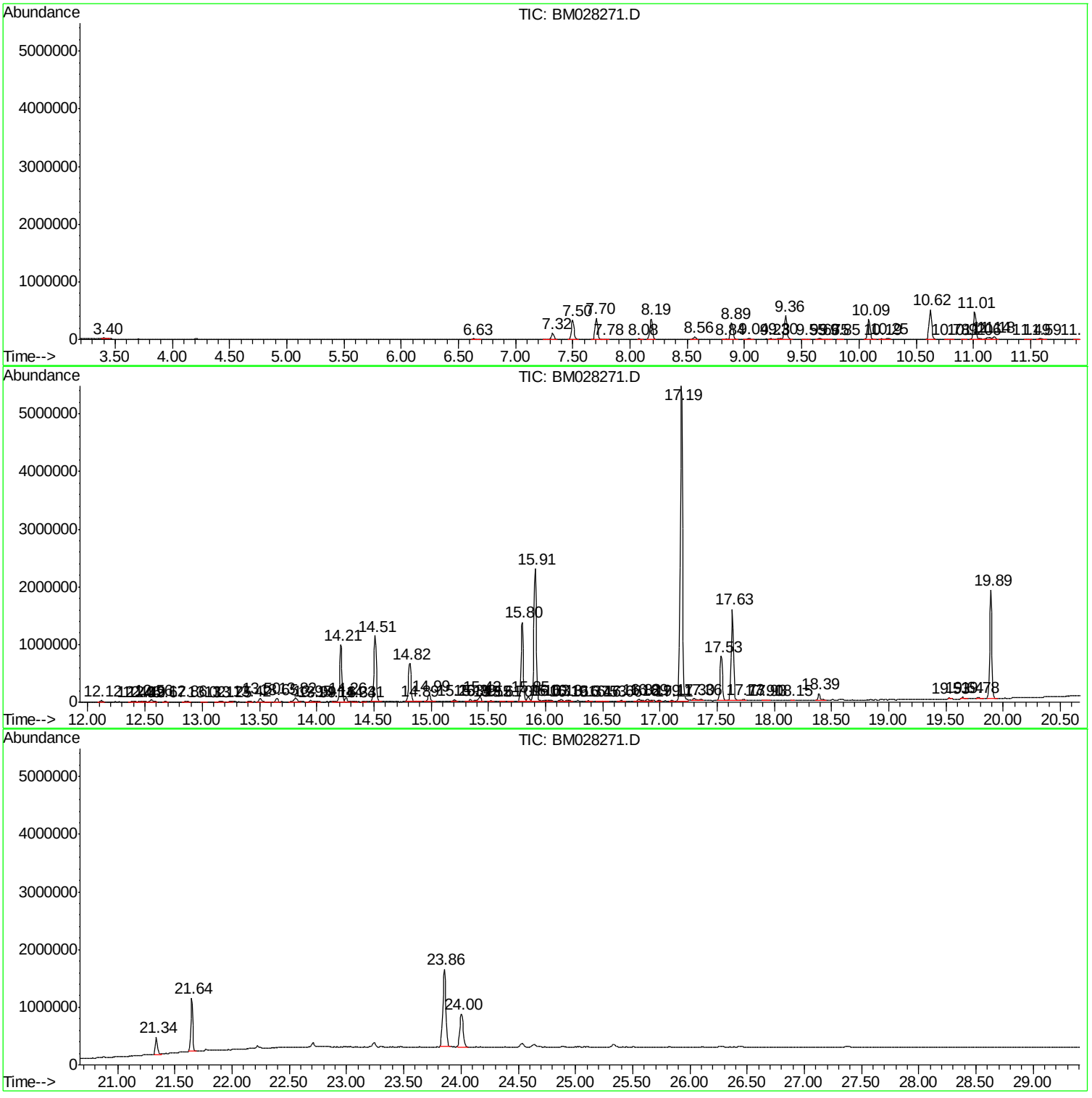
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

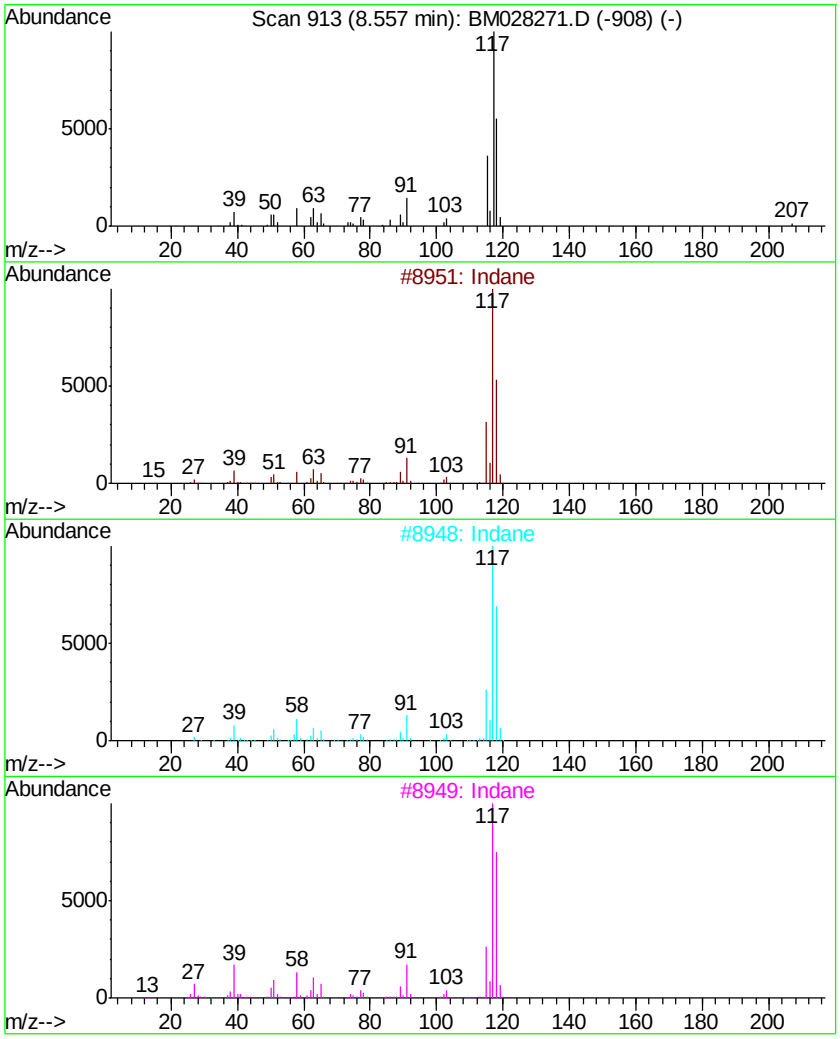
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

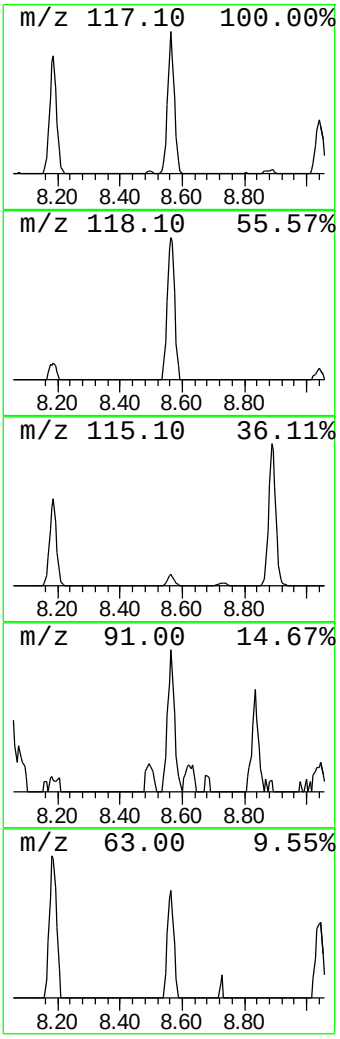
****

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	2.34 ng/ul	65505	1,4-Dichlorobenzene-d4	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

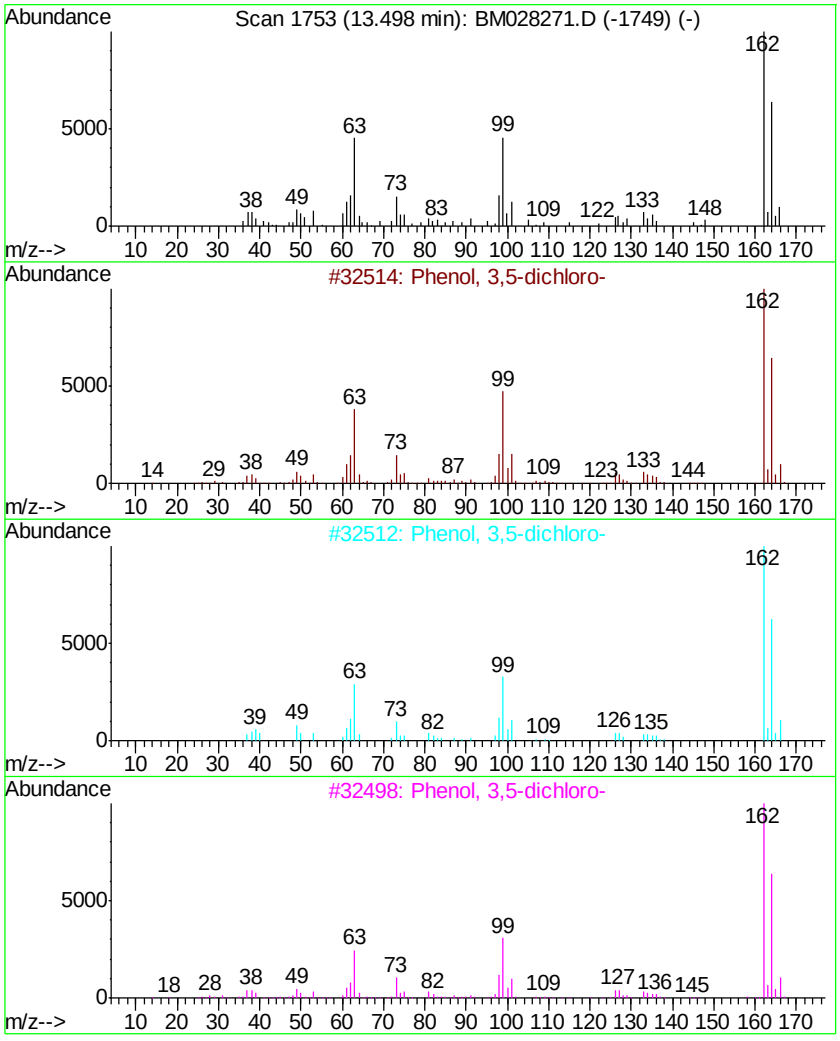
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

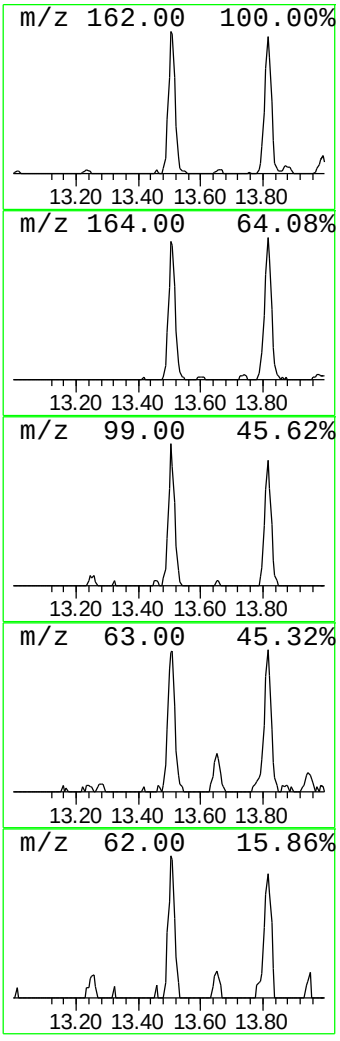
****

Peak Number 2 Phenol, 3,5-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.22 ng/ul	112263	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

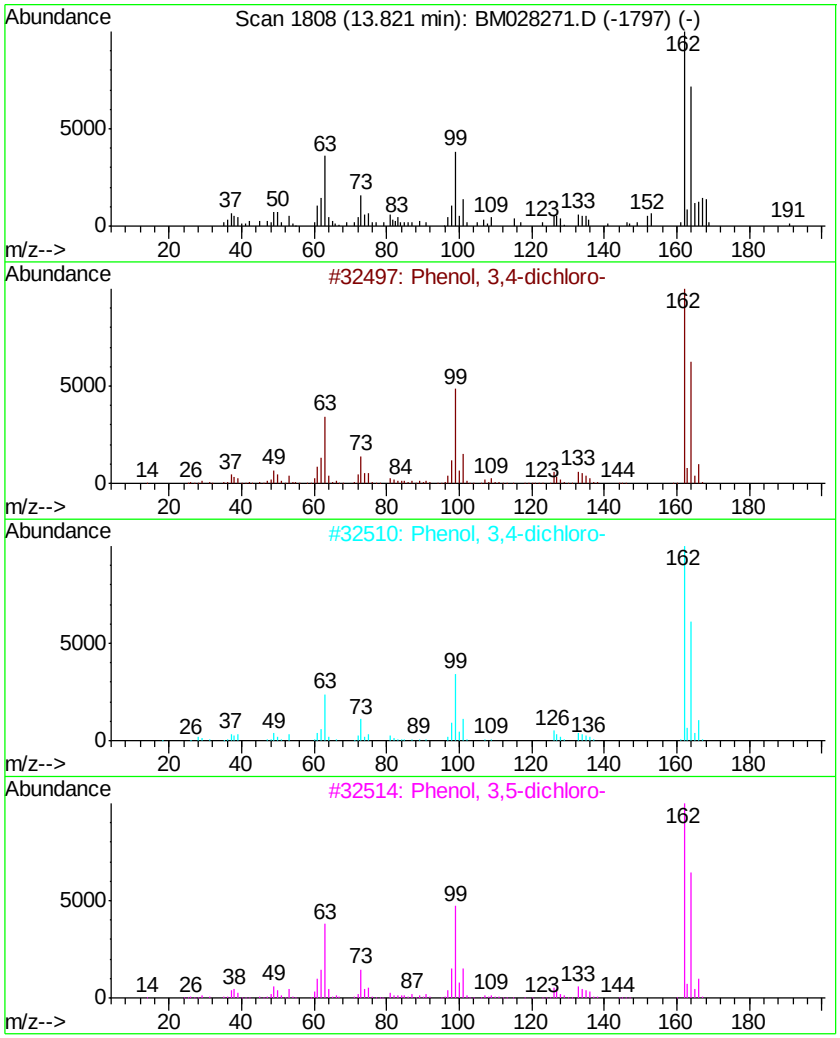
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

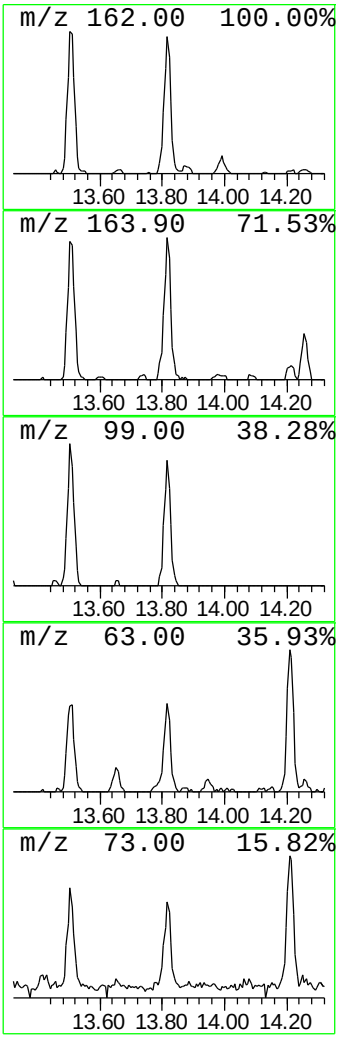
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.84 ng/ul	143507	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

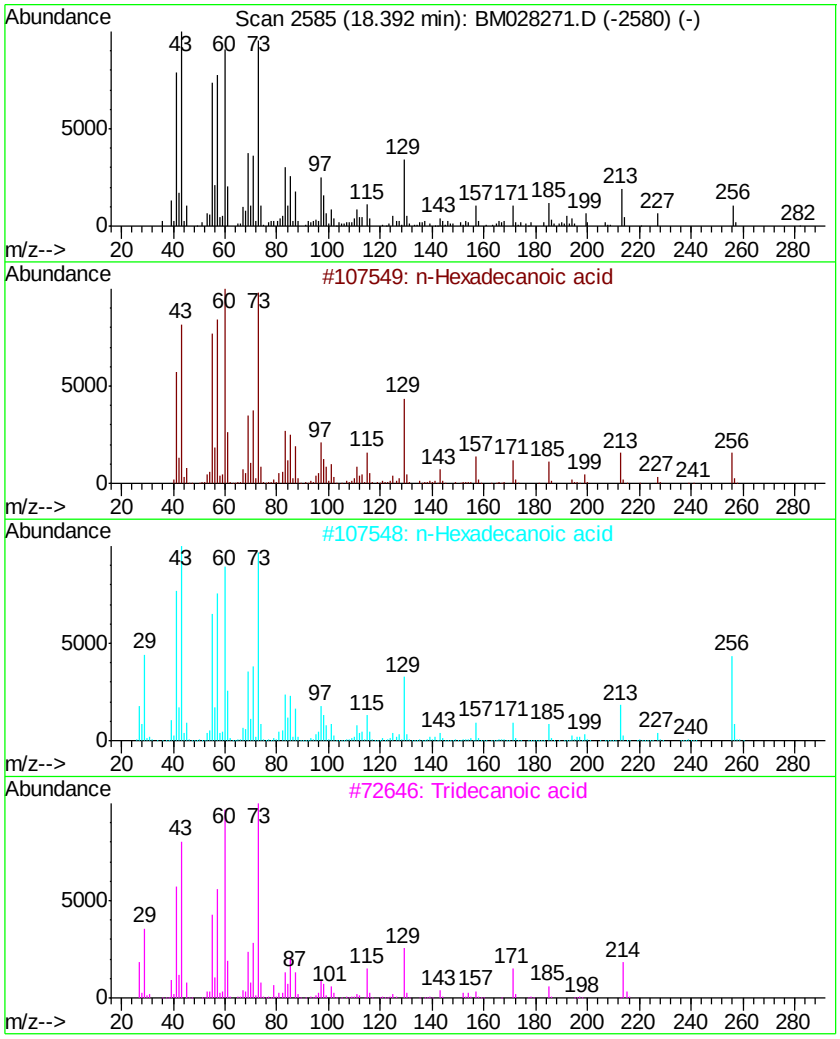
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

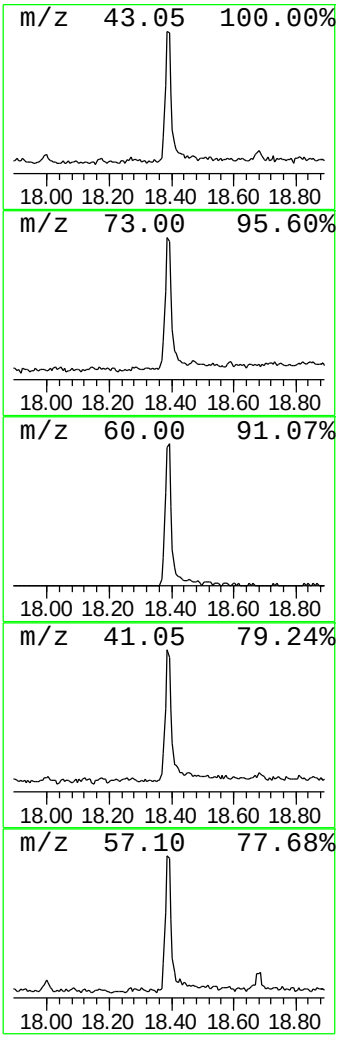
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.53 ng/ul	194115	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

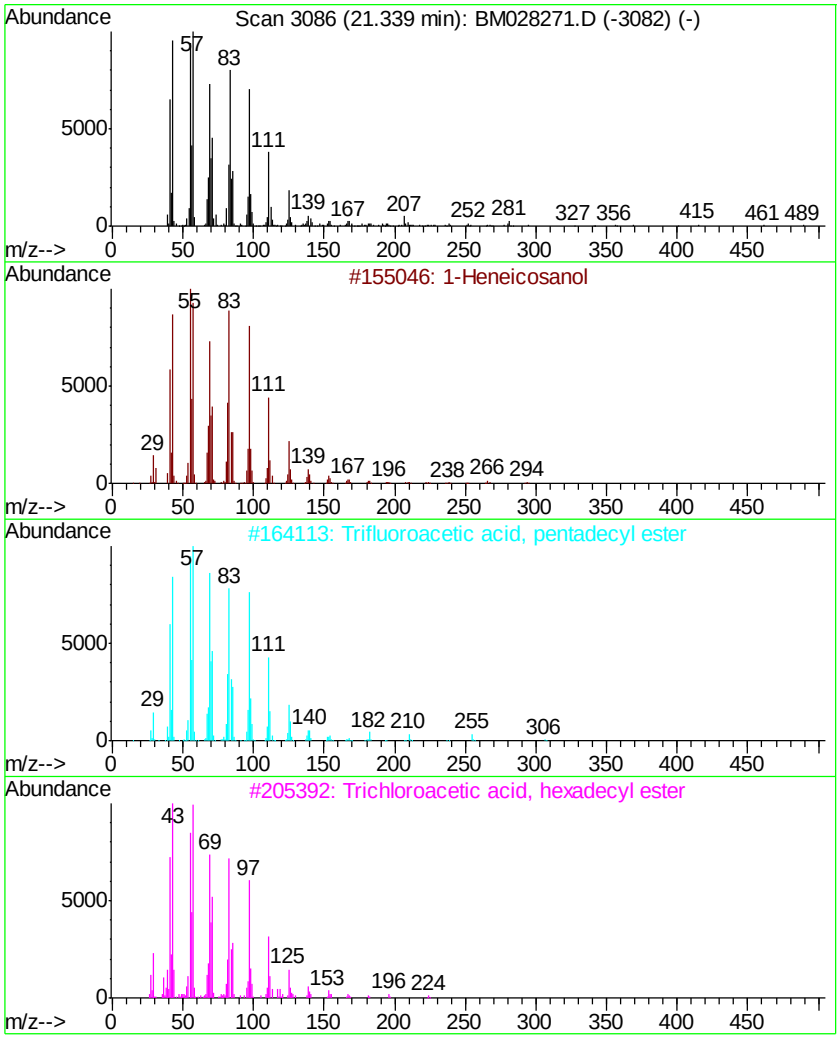
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

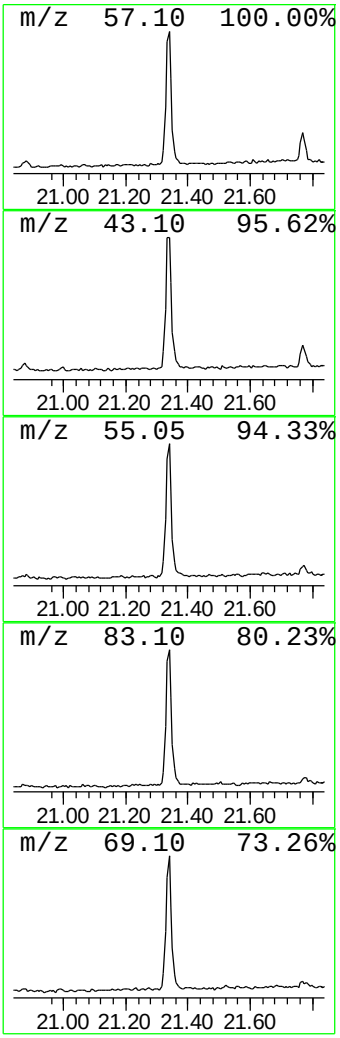
****

Peak Number 5 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	6.99 ng/ul	395821	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122420\
Data File : BM028271.D
Acq On : 24 Dec 2020 21:30
Operator : JU/CG
Sample : L5195-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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	8.56	2.3	ng/ul	65505	1	8.19	560754	20.0
Phenol, 3,5-dichl...	13.50	2.2	ng/ul	112263	3	14.82	1009400	20.0
Phenol, 3,4-dichl...	13.82	2.8	ng/ul	143507	3	14.82	1009400	20.0
n-Hexadecanoic acid	18.39	3.5	ng/ul	194115	4	17.53	1098260	20.0
1-Heneicosanol	21.34	7.0	ng/ul	395821	5	21.64	1132090	20.0