LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

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-BM051320MA.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	3.058	25	29	39	rVB2	49385	75370	0.29%	0.107%
2	6.669	638	643	655	rVB	167310	258372	0.99%	0.367%
3	6.822	663	669	677	rBV	570376	857825	3.28%	1.217%
4	7.010	695	701	711	rVB	610409	929165	3.56%	1.319%
5	7.469	773	779	788	rBV	573227	906948	3.47%	1.287%
6	8.187	893	901	911	rBV	447960	706861	2.70%	1.003%
7	8.616	967	974	985	rVV	714898	1117538	4.28%	1.586%
8	9.328	1089	1095	1111	rVB	554843	891936	3.41%	1.266%
9	9.863	1179	1186	1195	rBV	786359	1343742	5.14%	1.907%
10	9.957	1200	1202	1209	rVV7	18695	33415	0.13%	0.047%
11	10.093	1218	1225	1231	rBV8	15136	30595	0.12%	0.043%
12	10.234	1241	1249	1258	rBV	758376	1248327	4.78%	1.771%
13	10.387	1267	1275	1284	rBV6	25525	64127	0.25%	0.091%
14	10.851	1350	1354	1364	rVB3	30105	59222	0.23%	0.084%
15	11.087	1385	1394	1403	rBV3	20722	45921	0.18%	0.065%
16	11.357	1436	1440	1449	rVB10	23683	51358	0.20%	0.073%
17	11.922	1532	1536	1542	rVB8	20815	39761	0.15%	0.056%
18	12.245	1583	1591	1596	rBV7	22239	54551	0.21%	0.077%
19	12.539	1633	1641	1645	rBV6	38869	70921	0.27%	0.101%
20	12.610	1645	1653	1659	rBV	231711	398022	1.52%	0.565%
21	12.839	1687	1692	1697	rBV	151406	229642	0.88%	0.326%
22	12.963	1706	1713	1722	rVB7	29757	68576	0.26%	0.097%
23	13.139	1736	1743	1750	rVB7	21245	65266	0.25%	0.093%
24	13.539	1806	1811	1816	rBV	1527975	2125436	8.13%	3.016%
25	13.586	1816	1819	1824	rVB	78842	105584	0.40%	0.150%
26	13.804	1850	1856	1867	rBV	1783579	2534273	9.70%	3.596%
27	13.945	1878	1880	1884	rVB4	25723	31679	0.12%	0.045%
28	14.116	1903	1909	1921	rVB	1102753	1618797	6.19%	2.297%
29	14.351	1944	1949	1961	rVB	136338	253142	0.97%	0.359%
30	14.675	1998	2004	2009	rBV	1310635	1787413	6.84%	2.536%
31	14.716	2009	2011	2013	rVV2	69740	82561	0.32%	0.117%
32	14.757	2013	2018	2023	rVB	397088	561376	2.15%	0.797%
33	14.892	2037	2041	2045	rBV	72316	91967	0.35%	0.131%
34	15.016	2059	2062	2068	rVB6	34496	55596	0.21%	0.079%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

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-BM051320MA.M
Title : SVOA CALIBRATION

35	15.122	2071	2080	2085	rVB	2135674	3167079	12.12%	4.494%
36	15.251	2097	2102	2104	rBV	906220	1339155	5.12%	1.900%
37	15.275	2104	2106	2113	rVB	1350953	1863818	7.13%	2.645%
38	15.386	2123	2125	2129	rBV	50740	52696	0.20%	0.075%
39	15.433	2129	2133	2136	rVV5	49445	65701	0.25%	0.093%
40	15.475	2136	2140	2147	rVB7	37653	75363	0.29%	0.107%
41	15.575	2153	2157	2165	rBV2	106253	200944	0.77%	0.285%
42	15.651	2166	2170	2177	rVB3	100319	159533	0.61%	0.226%
43	16.539	2313	2321	2337	rBV	16669807	26135382	100.00%	37.087%
44	16.869	2372	2377	2383	rVB	1317400	1812316	6.93%	2.572%
45	16.969	2388	2394	2401	rBV	2537814	3428047	13.12%	4.865%
46	17.804	2532	2536	2544	rBV2	344405	477137	1.83%	0.677%
47	19.092	2752	2755	2761	rBV	172169	220466	0.84%	0.313%
48	19.268	2780	2785	2792	rBV	2943410	3933377	15.05%	5.582%
49	20.815	3045	3048	3055	rVB	352292	415685	1.59%	0.590%
50	21.068	3087	3091	3099	rVB	1787128	2140734	8.19%	3.038%
51	22.592	3347	3350	3356	rVB	167435	198825	0.76%	0.282%
52	23.051	3422	3428	3435	rBV	2071178	3488810	13.35%	4.951%
53	23.115	3437	3439	3444	rVV	193232	256175	0.98%	0.364%
54	23.186	3445	3451	3458	rVB	1330146	2243611	8.58%	3.184%

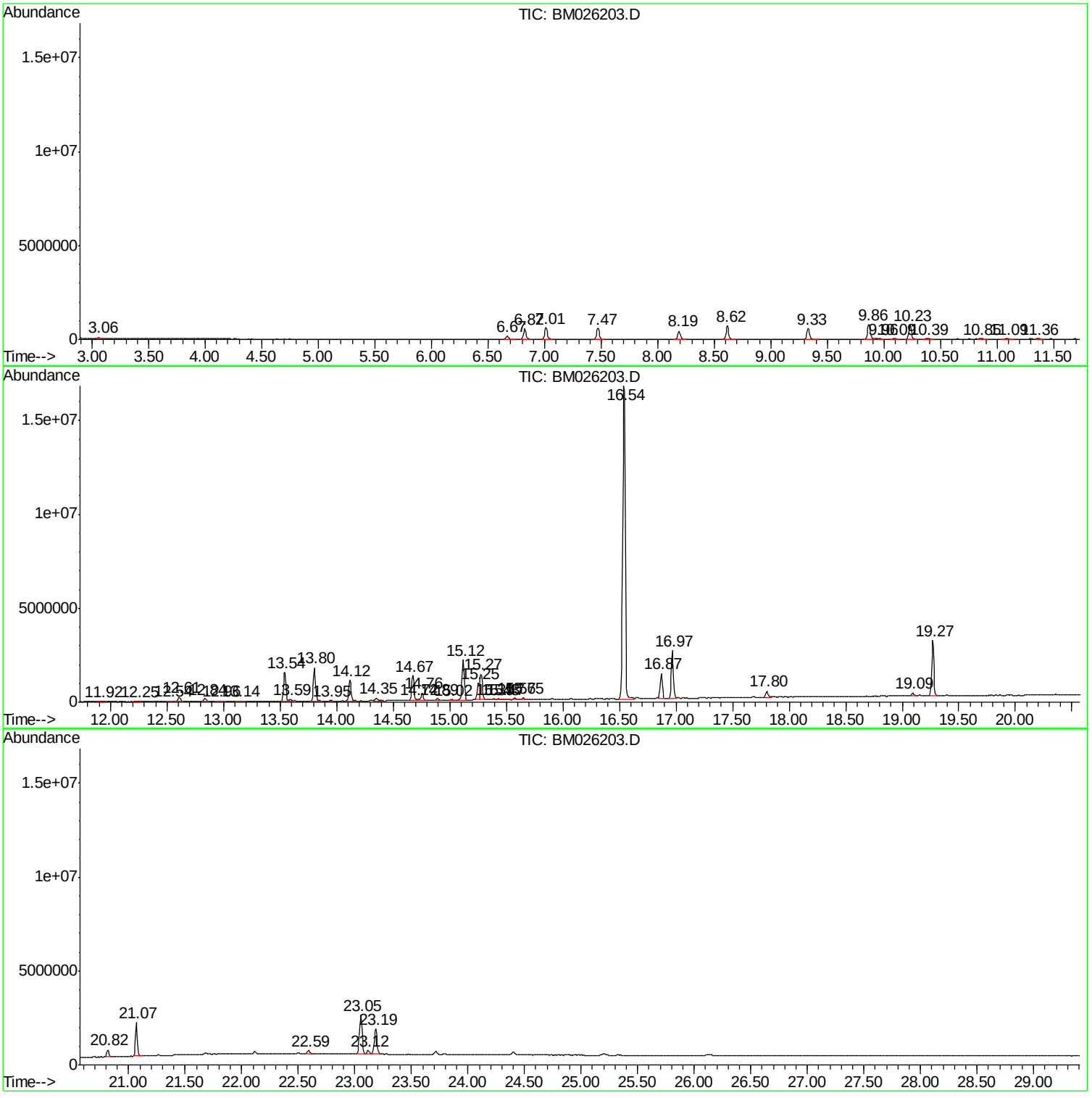
Sum of corrected areas: 70470139

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

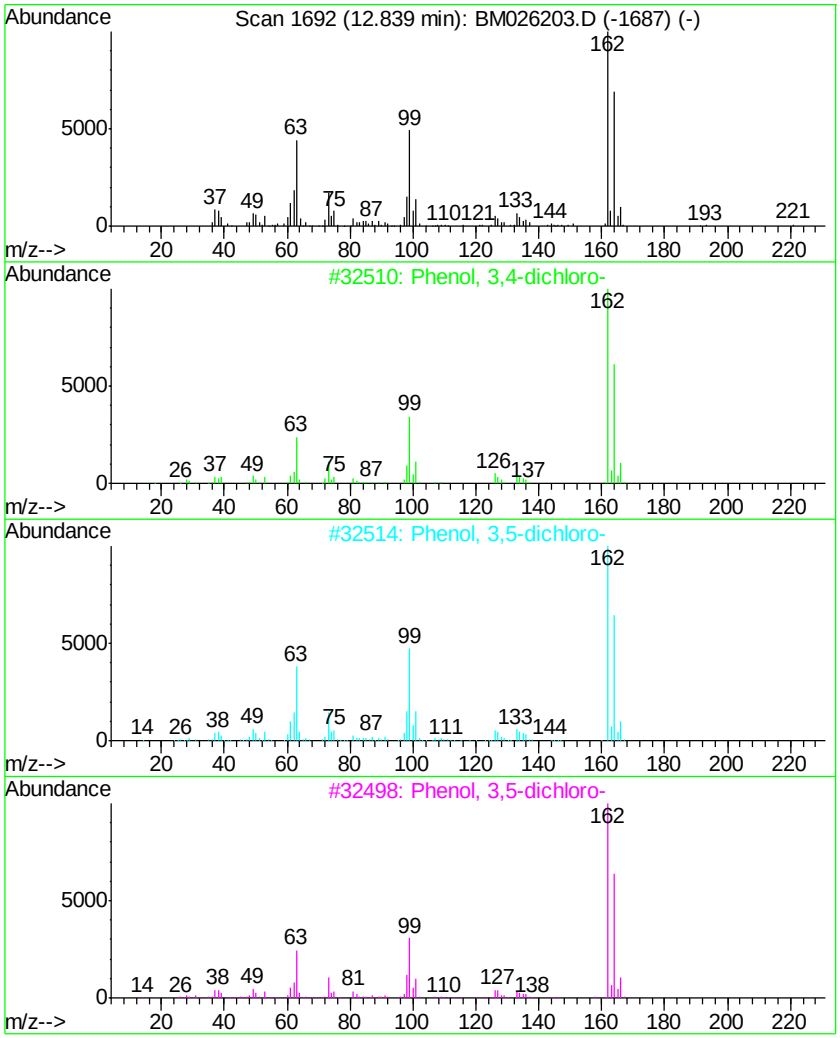
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

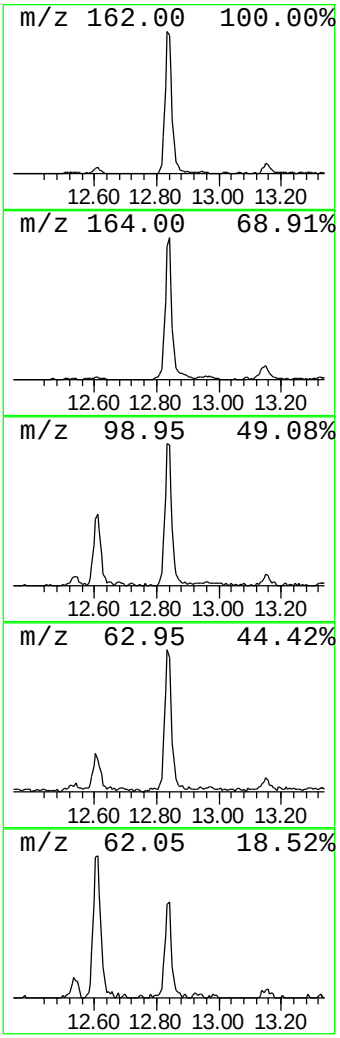
****

Peak Number 1 Phenol, 3,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.84 ng/ul	229642	Acenaphthene-d10	14.12

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

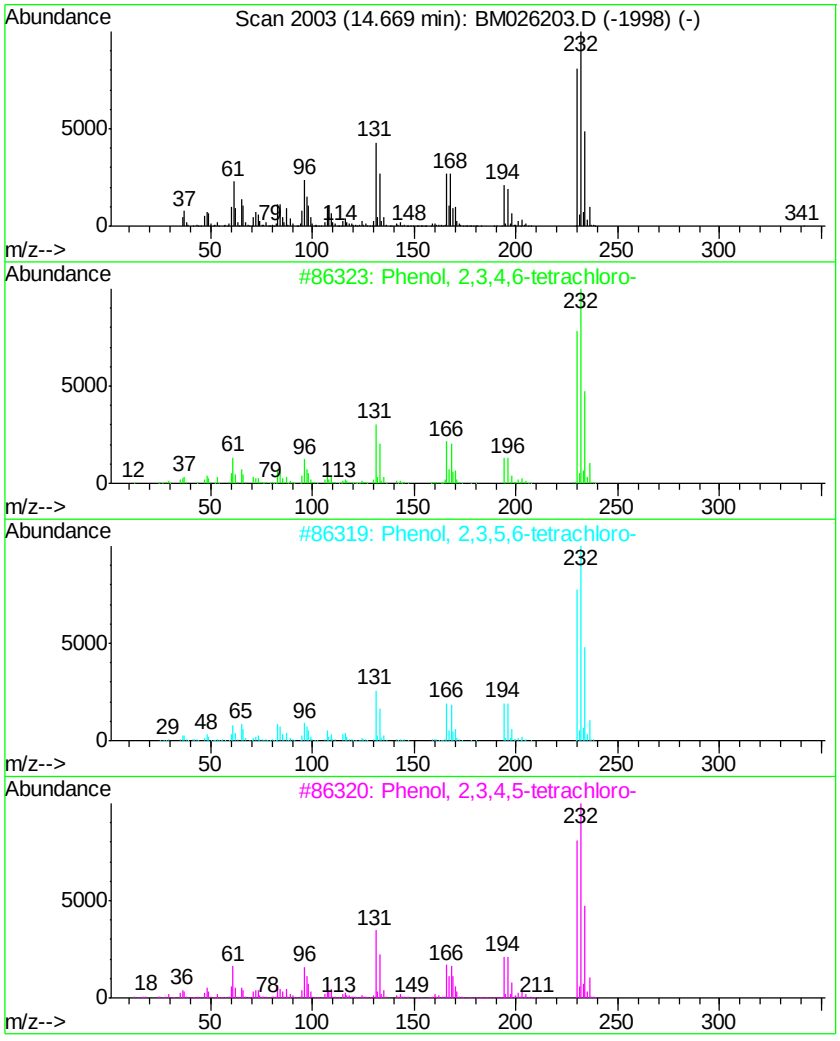
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

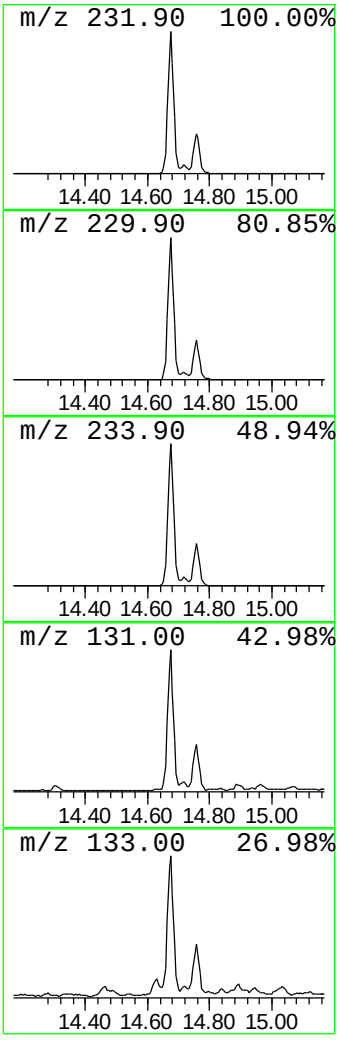
****

Peak Number 2 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	22.08 ng/ul	1787410	Acenaphthene-d10	14.12

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

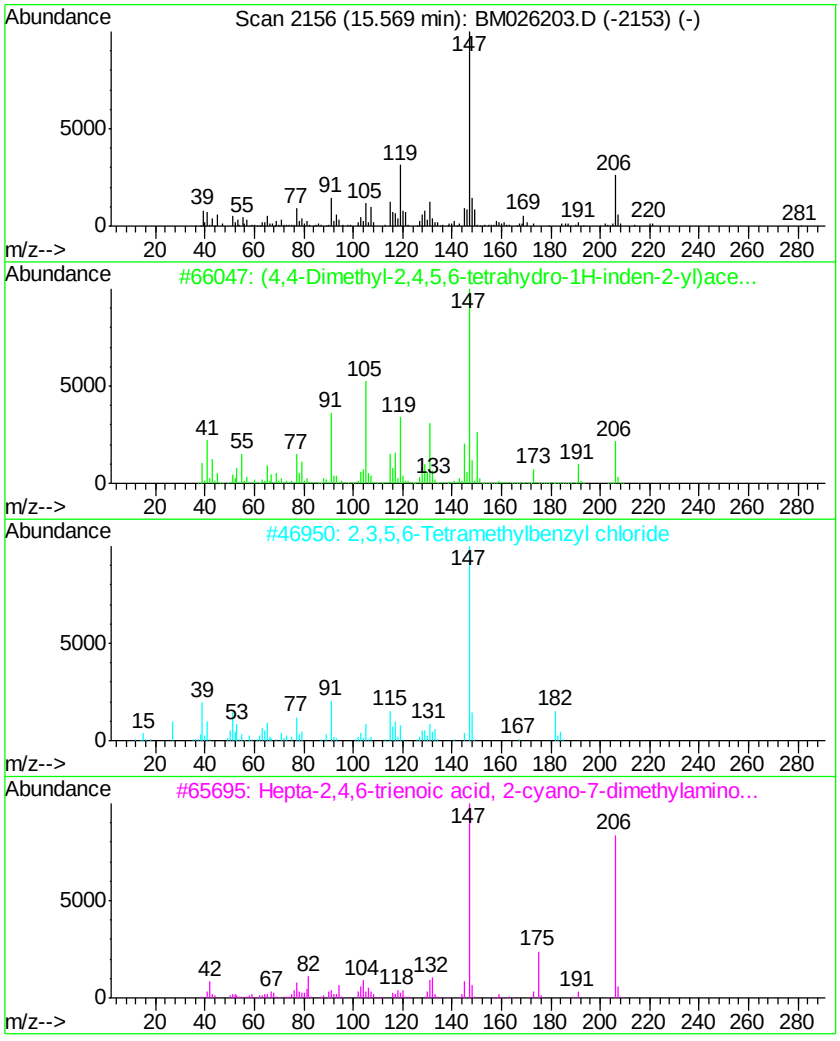
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

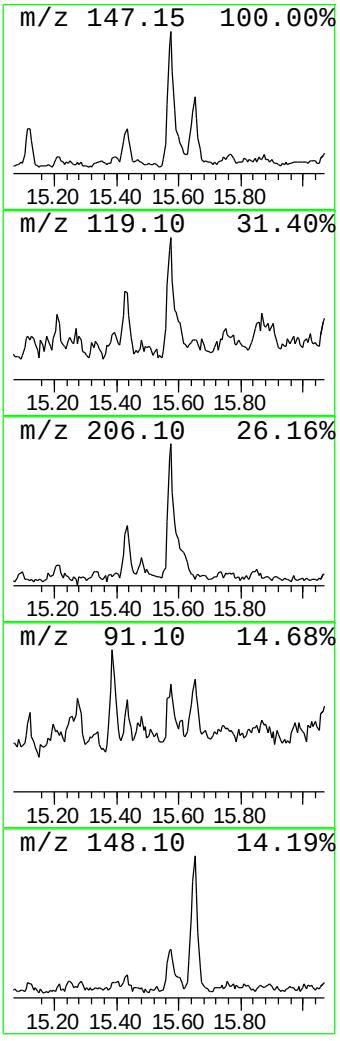
****

Peak Number 3 (4,4-Dimethyl-2,4,5,6-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.22 ng/ul	200944	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4,4-Dimethyl-2,4,5,6-tetrahydro...	206	C13H18O2	113522-67-1	64
2	2,3,5,6-Tetramethylbenzyl chloride	182	C11H15Cl	007435-83-8	60
3	Hepta-2,4,6-trienoic acid, 2-cya...	206	C11H14N2O2	058064-21-4	58
4	3-(Benzo(b)thien-6-yl)propionic ...	206	C11H10O2S	006701-52-6	50
5	Propene, 1-chloro-3-(4-tolyloxy)-	182	C10H11ClO	102117-74-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

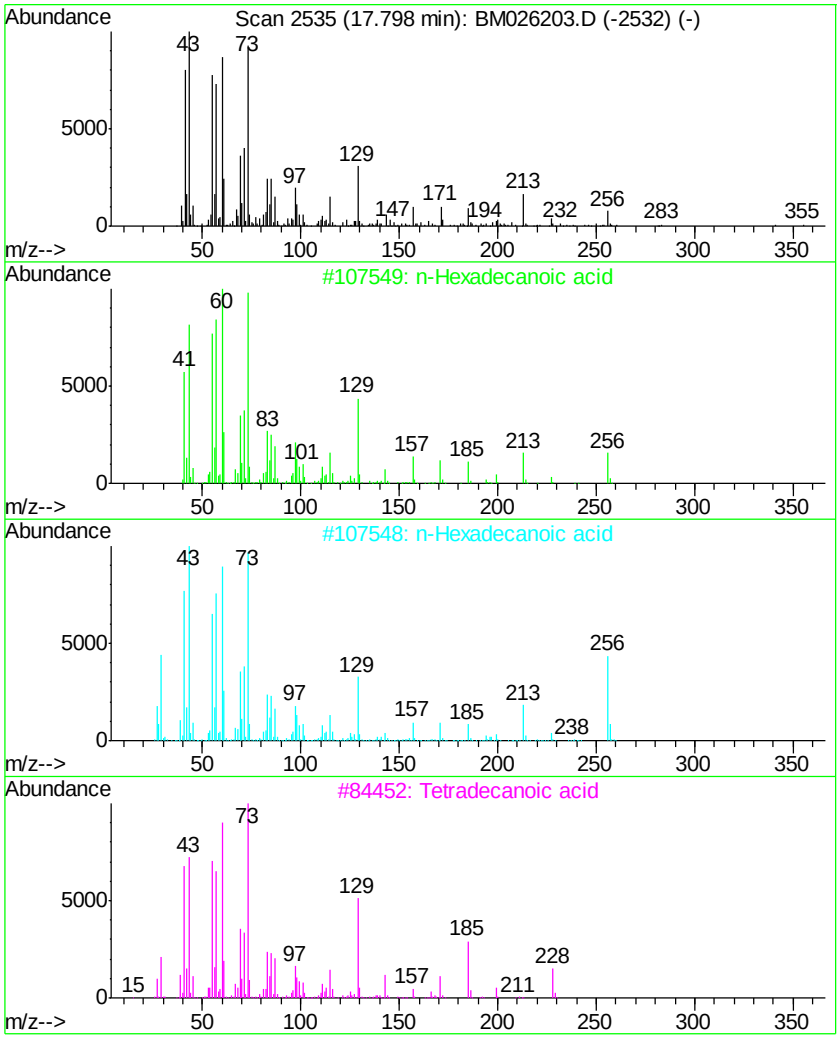
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

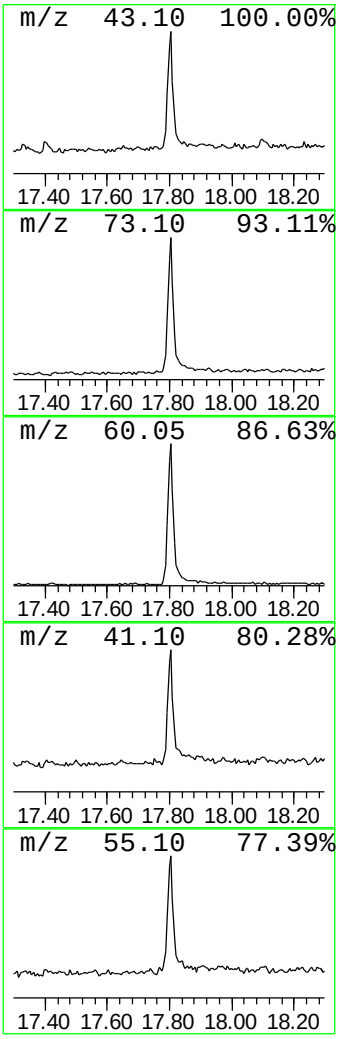
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	5.27 ng/ul	477137	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

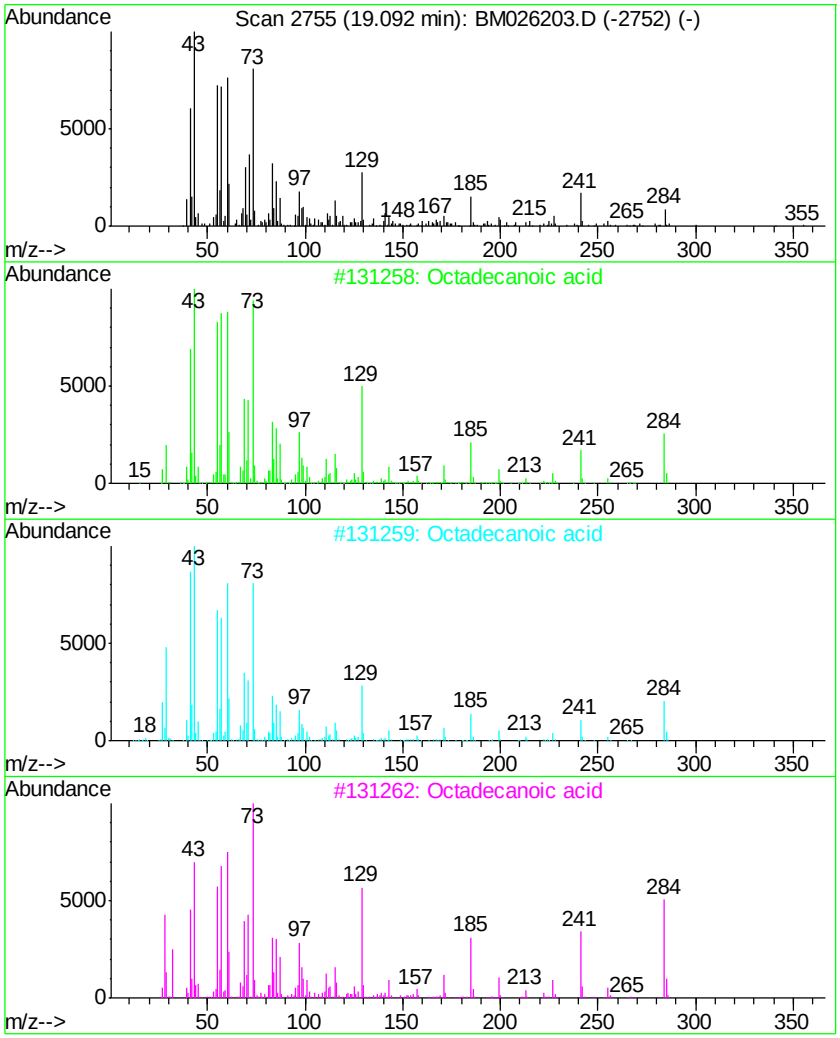
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

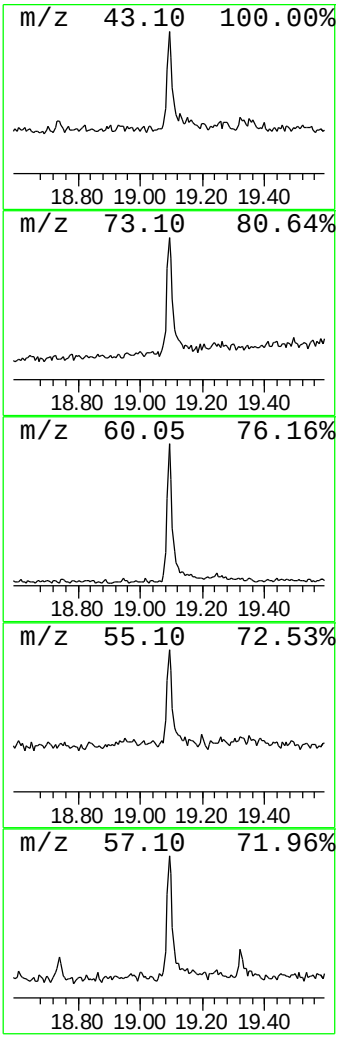
****

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.06 ng/ul	220466	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

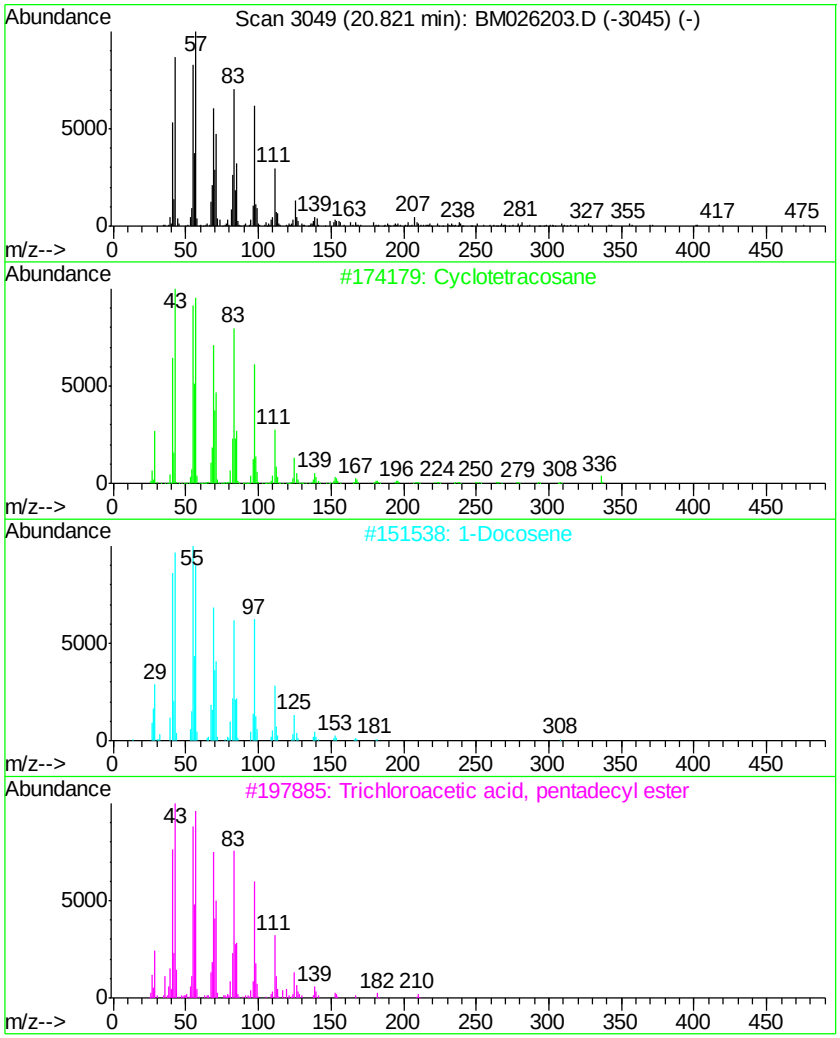
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

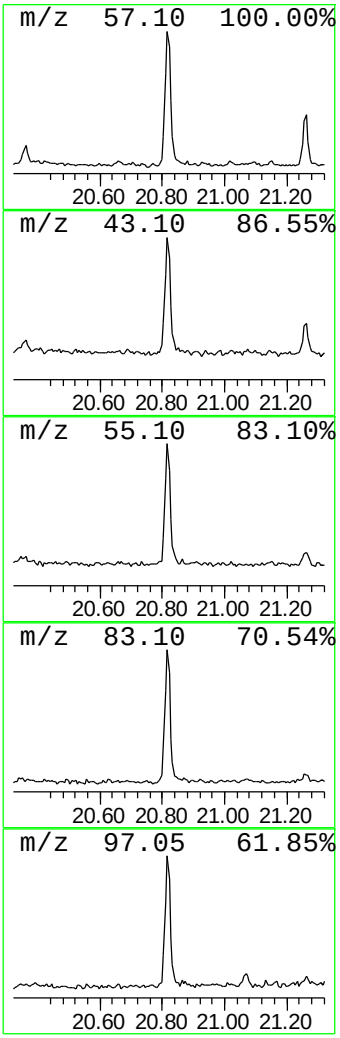
****

Peak Number 6 (DEL) Alkane: Cyclic20.82 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.88 ng/ul	415685	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	1-Docosene	308	C22H44	001599-67-3	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

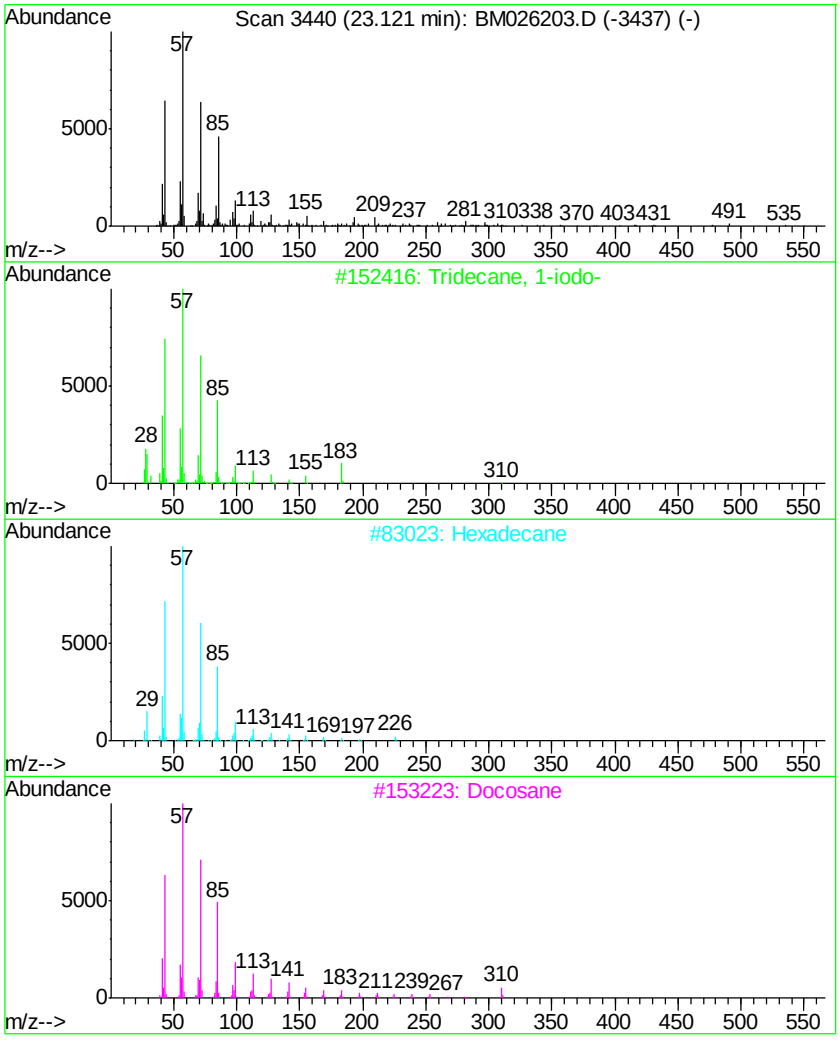
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

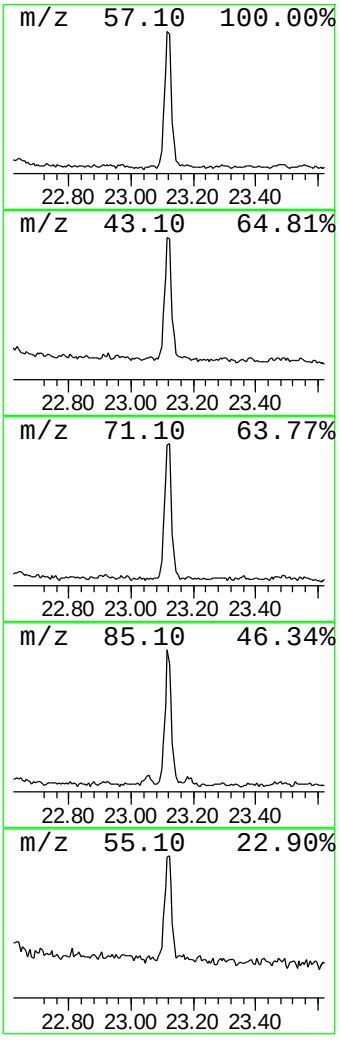
****

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	2.28 ng/ul	256175	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Docosane	310	C22H46	000629-97-0	76
4	Heptacosane	380	C27H56	000593-49-7	70
5	Octacosane	394	C28H58	000630-02-4	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026203.D
Acq On : 01 Jun 2020 18:51
Operator : JU/CG
Sample : L2829-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
Phenol, 3,4-dichl...	12.84	2.8	ng/ul	229642	3	14.12	1618800	20.0
Phenol, 2,3,5,6-t...	14.67	22.1	ng/ul	1787410	3	14.12	1618800	20.0
(4,4-Dimethyl-2,4...	15.57	2.2	ng/ul	200944	4	16.87	1812320	20.0
n-Hexadecanoic acid	17.80	5.3	ng/ul	477137	4	16.87	1812320	20.0
Octadecanoic acid	19.09	2.1	ng/ul	220466	5	21.07	2140730	20.0
(DEL) Alkane: Cyc...	20.82	3.9	ng/ul	415685	5	21.07	2140730	20.0
Tridecane, 1-iodo-	23.12	2.3	ng/ul	256175	6	23.19	2243610	20.0