LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001813.D
Acq On : 20 Feb 2020 21:15
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT5

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_P\METHODS\SOM-EPA-BP021820MA.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	2.934	4	8	27	rVB	1881211	2594109	8.20%	2.148%
2	3.181	46	50	57	rVB	59476	78468	0.25%	0.065%
3	3.687	128	136	146	rVB	44617	72130	0.23%	0.060%
4	4.805	322	326	333	rVB	38553	58142	0.18%	0.048%
5	6.834	661	671	687	rVB	1054436	1737080	5.49%	1.439%
6	6.999	692	699	709	rVV	805011	1252636	3.96%	1.037%
7	7.193	724	732	742	rBV	1115103	1733619	5.48%	1.436%
8	7.322	747	754	765	rBV4	18358	50456	0.16%	0.042%
9	7.657	804	811	820	rVB	1429361	2211408	6.99%	1.831%
10	8.193	897	902	912	rVB	23989	47089	0.15%	0.039%
11	8.363	923	931	939	rBV	1207864	1918552	6.07%	1.589%
12	8.469	944	949	956	rVV	112749	181238	0.57%	0.150%
13	8.799	993	1005	1012	rBV	935572	1540377	4.87%	1.276%
14	8.928	1022	1027	1035	rBV5	16585	40009	0.13%	0.033%
15	9.293	1084	1089	1094	rBV	38796	58044	0.18%	0.048%
16	9.516	1119	1127	1134	rBV	742990	1205691	3.81%	0.999%
17	9.581	1134	1138	1145	rVV	16266	34959	0.11%	0.029%
18	9.663	1148	1152	1156	rVV2	23510	46261	0.15%	0.038%
19	9.875	1180	1188	1194	rBV4	38145	87018	0.28%	0.072%
20	9.946	1194	1200	1209	rVV4	18081	57065	0.18%	0.047%
21	10.051	1209	1218	1228	rVB	1376325	2315592	7.32%	1.918%
22	10.140	1228	1233	1240	rVB4	18335	37608	0.12%	0.031%
23	10.434	1274	1283	1298	rVB	1938306	3300265	10.43%	2.733%
24	10.563	1298	1305	1323	rBV	371207	775318	2.45%	0.642%
25	10.998	1371	1379	1387	rVB6	17798	49550	0.16%	0.041%
26	11.222	1408	1417	1427	rBV4	98417	198181	0.63%	0.164%
27	11.463	1451	1458	1464	rBV6	31940	94943	0.30%	0.079%
28	11.528	1464	1469	1476	rVV3	87203	170792	0.54%	0.141%
29	11.592	1476	1480	1484	rVV6	19845	35089	0.11%	0.029%
30	11.663	1485	1492	1500	rVB	133382	247564	0.78%	0.205%
31	11.740	1500	1505	1509	rBV2	28154	45992	0.15%	0.038%
32	11.945	1532	1540	1542	rBV6	63887	144978	0.46%	0.120%
33	12.022	1549	1553	1558	rVB4	50211	83047	0.26%	0.069%
34	12.092	1562	1565	1571	rVB5	24342	39729	0.13%	0.033%

LSC Area Percent Report

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Acq On : 20 Feb 2020 21:15
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Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT5

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	12.216	1572	1586	1591	rBV10	62474	254219	0.80%	0.211%
36	12.328	1601	1605	1609	rBV3	47474	74858	0.24%	0.062%
37	12.392	1610	1616	1621	rBV	205834	342486	1.08%	0.284%
38	12.469	1621	1629	1633	rBV3	113306	256365	0.81%	0.212%
39	12.551	1639	1643	1647	rBV3	58721	95503	0.30%	0.079%
40	12.698	1663	1668	1673	rBV5	130600	327906	1.04%	0.272%
41	12.851	1691	1694	1701	rVB3	142705	270668	0.86%	0.224%
42	12.969	1703	1714	1717	rBV3	157750	526008	1.66%	0.436%
43	13.004	1717	1720	1722	rBV2	58026	61539	0.19%	0.051%
44	13.051	1723	1728	1729	rBV3	119759	189467	0.60%	0.157%
45	13.151	1742	1745	1747	rBV3	107630	145135	0.46%	0.120%
46	13.198	1751	1753	1757	rVV	190270	247835	0.78%	0.205%
47	13.239	1757	1760	1769	rVV6	134579	352888	1.12%	0.292%
48	13.704	1834	1839	1844	rBV	2349500	3460284	10.94%	2.866%
49	13.751	1844	1847	1851	rVB2	379668	531320	1.68%	0.440%
50	13.981	1879	1886	1895	rBV	2978528	5096451	16.11%	4.221%
51	14.110	1905	1908	1916	rVB9	317179	603306	1.91%	0.500%
52	14.292	1933	1939	1945	rBV	2848065	4589035	14.51%	3.800%
53	14.486	1968	1972	1976	rBV	883483	1188867	3.76%	0.985%
54	14.922	2042	2046	2052	rVB2	1121357	1601495	5.06%	1.326%
55	15.292	2104	2109	2116	rVB	3482572	4963240	15.69%	4.110%
56	15.404	2124	2128	2131	rBV	783266	1145915	3.62%	0.949%
57	15.439	2131	2134	2138	rVB	798632	1040293	3.29%	0.862%
58	16.710	2343	2350	2359	rBV	19073771	31630546	100.00%	26.195%
59	17.045	2403	2407	2413	rBV	2908264	4304773	13.61%	3.565%
60	17.145	2420	2424	2429	rVB	3226477	4184060	13.23%	3.465%
61	17.974	2562	2565	2570	rBV	1003818	1290358	4.08%	1.069%
62	19.386	2801	2805	2810	rBV	4363903	5657846	17.89%	4.686%
63	21.139	3099	3103	3110	rVB	3829589	4863993	15.38%	4.028%
64	23.215	3451	3456	3462	rVB	3157285	5537827	17.51%	4.586%
65	23.333	3472	3476	3477	rBV	1486560	2065462	6.53%	1.711%
66	23.457	3493	3497	3502	rVB	1136573	1803774	5.70%	1.494%
67	24.715	3705	3711	3715	rBV2	2364154	5438548	17.19%	4.504%
68	24.927	3741	3747	3752	rBV2	1928640	4063750	12.85%	3.365%

Sum of corrected areas: 120749019

LSC Report - Integrated Chromatogram

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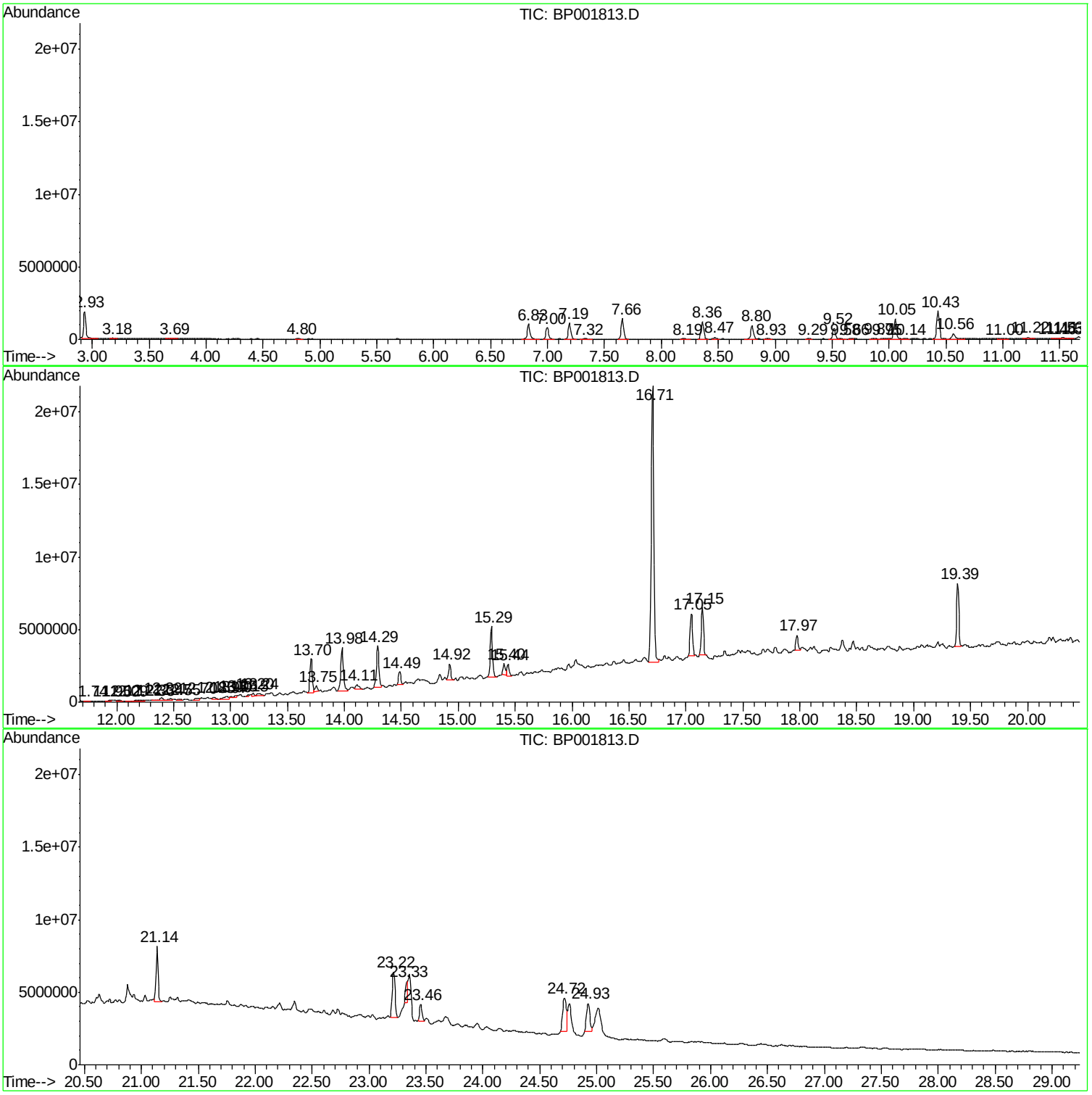
Data File : BP001813.D
Acq On : 20 Feb 2020 21:15
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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 P\DATA\BP022020\
Data File : BP001813.D
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Quant Title : SVOA CALIBRATION

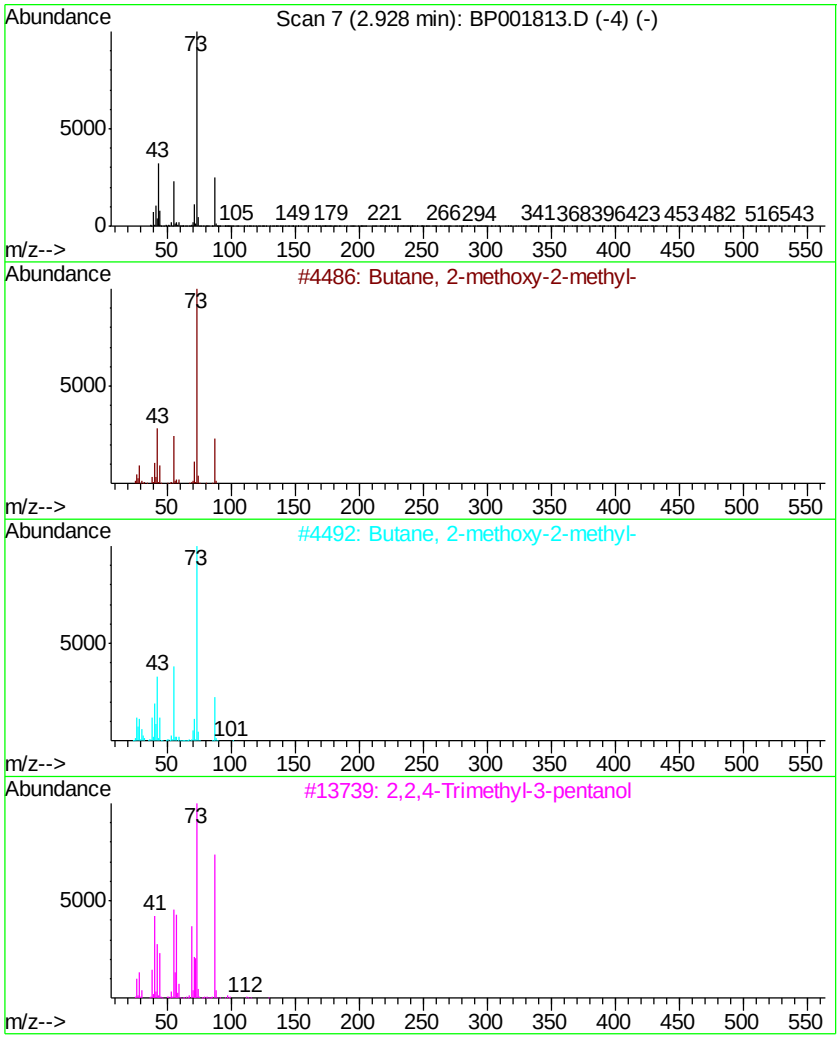
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

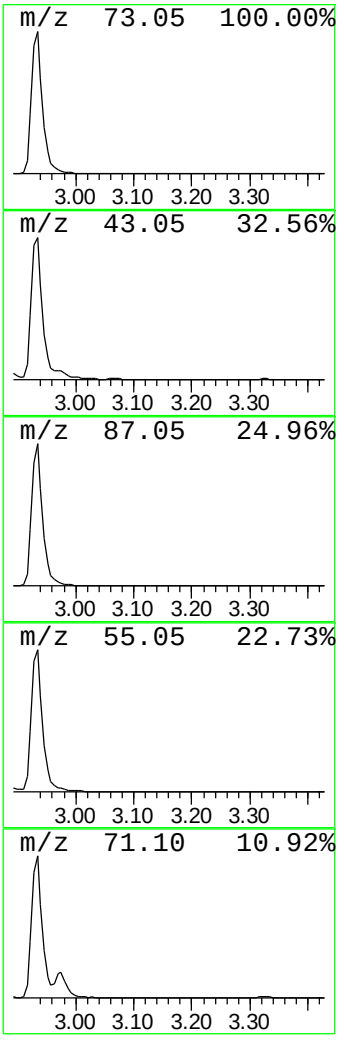
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	23.46 ng/ul	2594110	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001813.D
Acq On : 20 Feb 2020 21:15
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

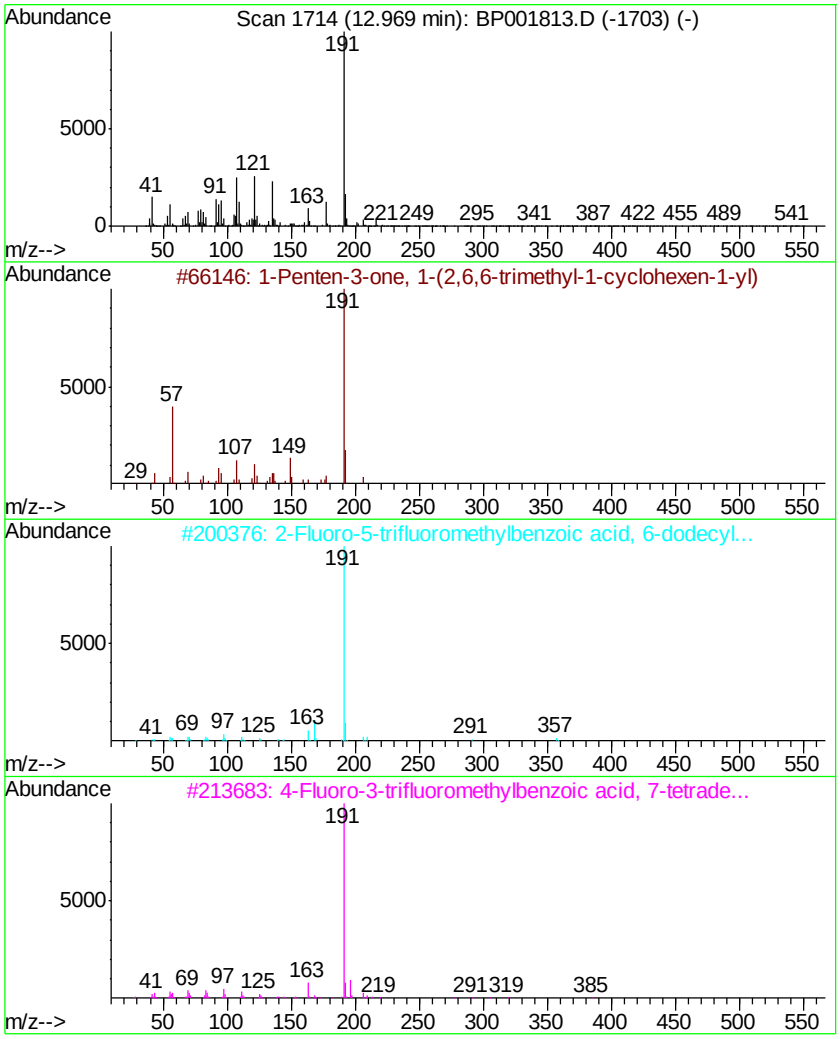
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

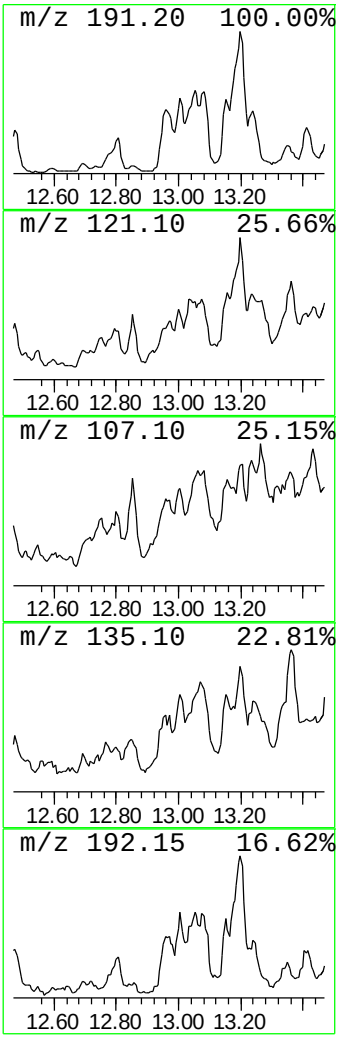
****

Peak Number 2 1-Penten-3-one, 1-(2,6,6-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.29 ng/ul	526008	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
2	2-Fluoro-5-trifluoromethylbenzoi...	376	C20H28F4O2	1000338-62-1	43
3	4-Fluoro-3-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-68-8	43
4	4-Fluoro-3-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-67-9	43
5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001813.D
Acq On : 20 Feb 2020 21:15
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

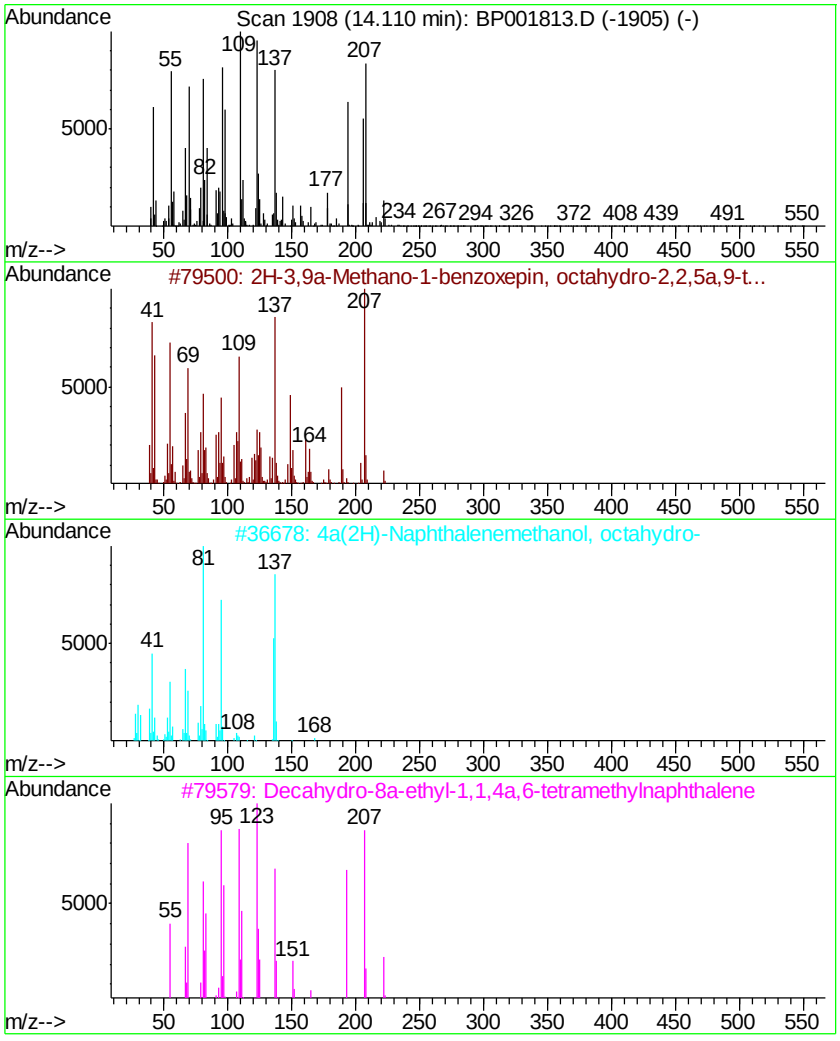
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

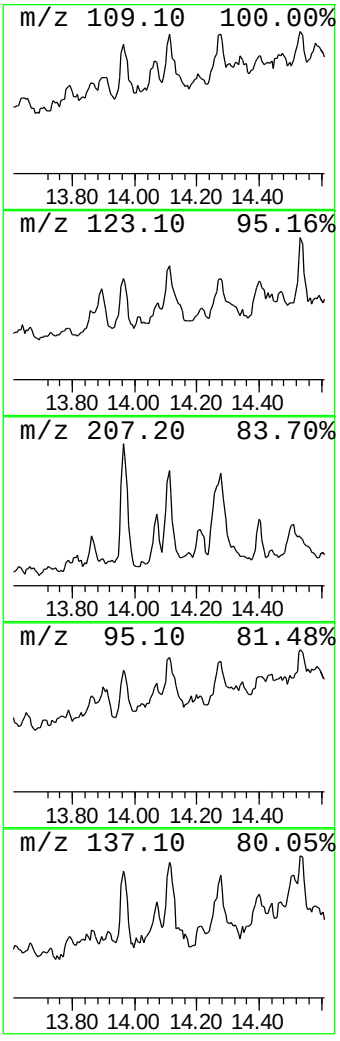
****

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.63 ng/ul	603306	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-3,9a-Methano-1-benzoxepin, oc...	222	C15H26O	005956-09-2	46
2	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	42
3	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	38
4	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30
5	2-Bromomethyl-1-isopropenyl-3-me...	216	C10H17Br	1000187-07-8	27





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Data File : BP001813.D
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Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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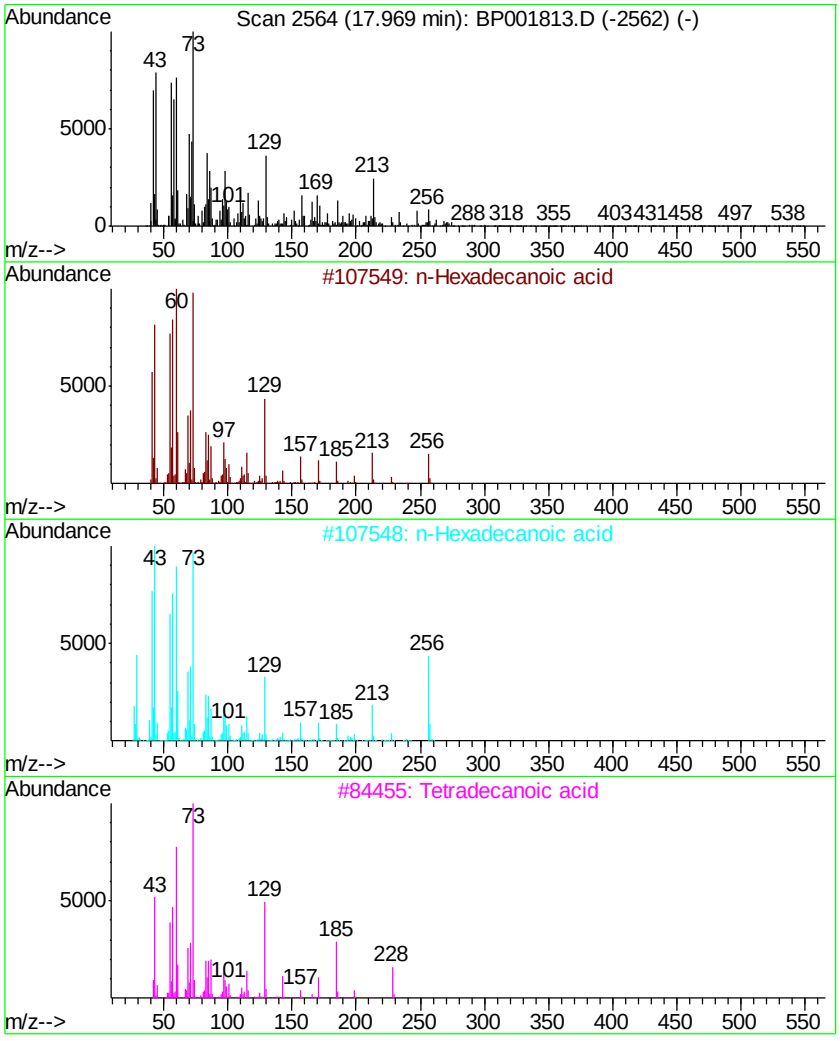
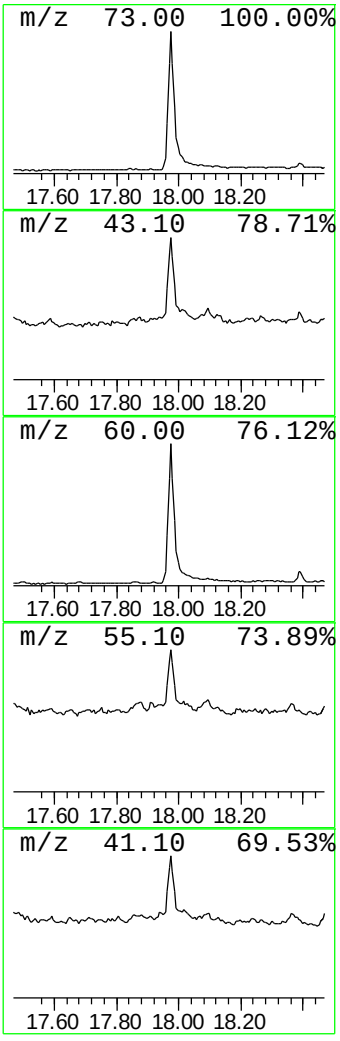
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.00 ng/ul	1290360	Phenanthrene-d10	17.05

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001813.D
Acq On : 20 Feb 2020 21:15
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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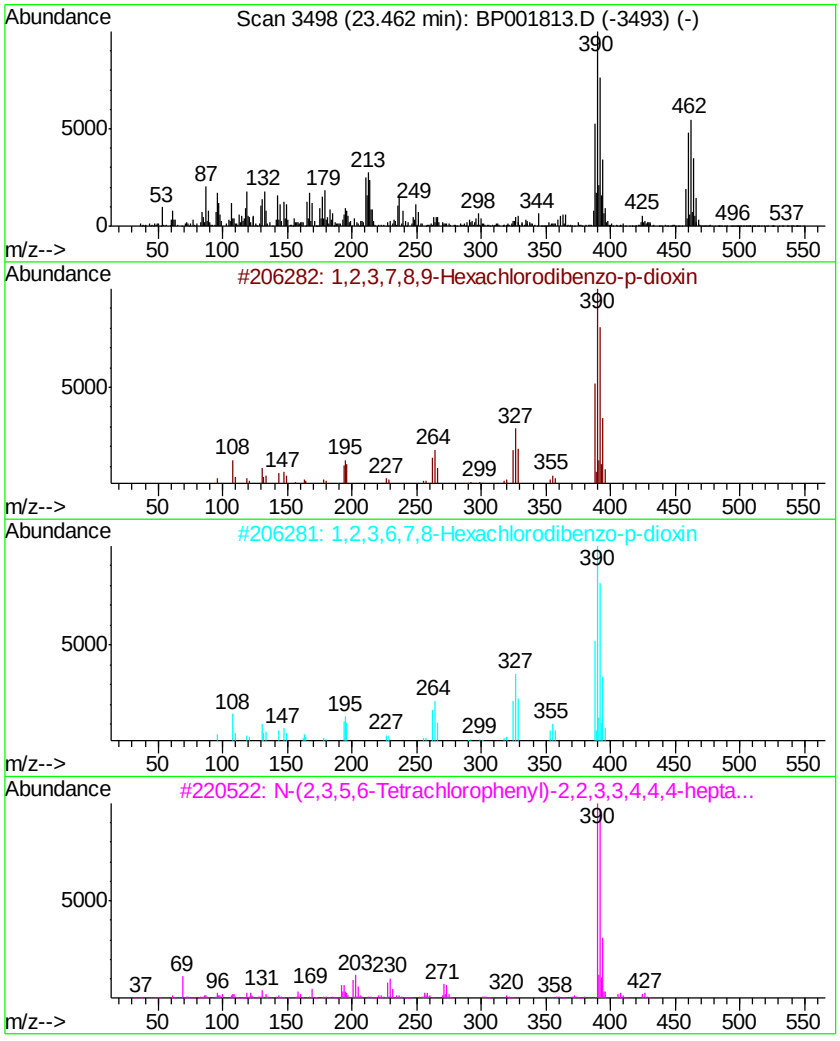
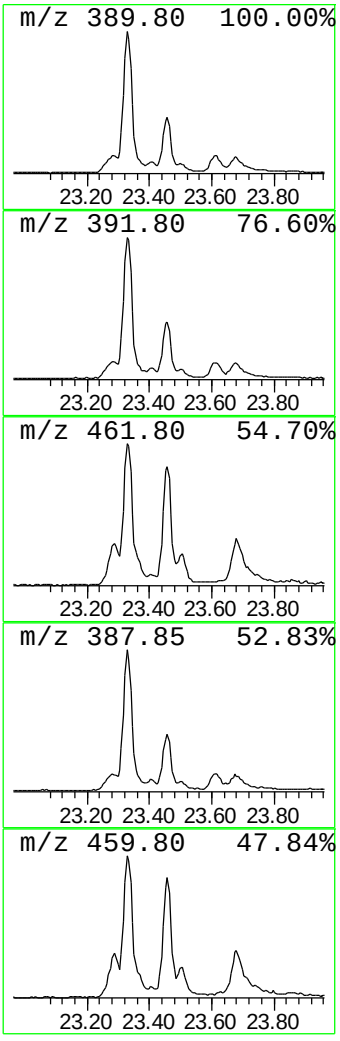
Peak Number 5 1,2,3,7,8,9-Hexachlorodiben... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	17.47 ng/ul	1803770	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,7,8,9-Hexachlorodibenzo-p-...	388	C12H2Cl6O2	019408-74-3	60
2	1,2,3,6,7,8-Hexachlorodibenzo-p-...	388	C12H2Cl6O2	057653-85-7	53
3	N-(2,3,5,6-Tetrachlorophenyl)-2,...	425	C10H2Cl4F7NO	1000373-25-8	45
4	Thieno[2,3-b]thiophene, 2-bromo-...	390	C11H8Br2N2S2	1000268-03-5	38
5	Pregn-20-yn-6-one, 17-(acetyloxy...	390	C23H31FO4	057194-88-4	15





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Misc :
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Instrument : BNA_P
ClientSampleId : C5AT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

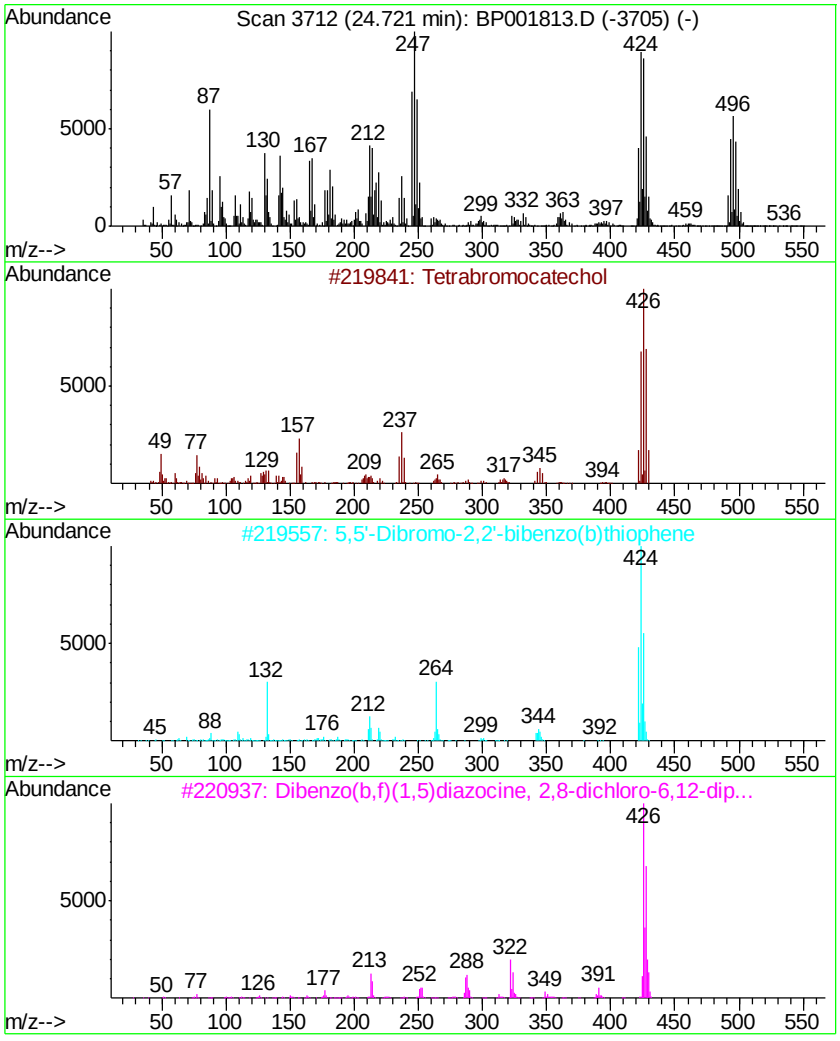
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

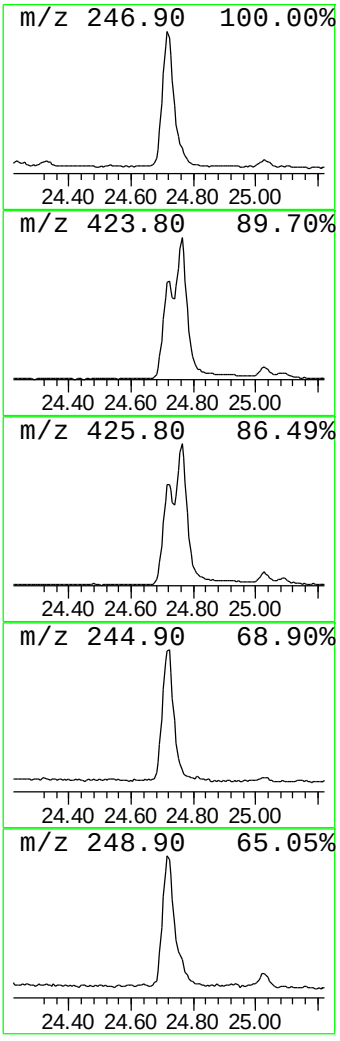
****

Peak Number 6 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	52.66 ng/ul	5438550	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrabromocatechol	422	C6H2Br4O2	000488-47-1	35
2	5,5'-Dibromo-2,2'-bibenzo(b)thio...	422	C16H8Br2S2	007312-21-2	35
3	Dibenzo(b,f)(1,5)diazocine, 2,8-...	426	C26H16Cl2N2	003646-61-5	15
4	Phenol, 2,3,4,5-tetrabromo-6-met...	420	C7H4Br4O	000576-55-6	14
5	Butylphosphonic acid, 3,4-dichlo...	338	C14H21Cl2O3P	1000323-19-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001813.D
Acq On : 20 Feb 2020 21:15
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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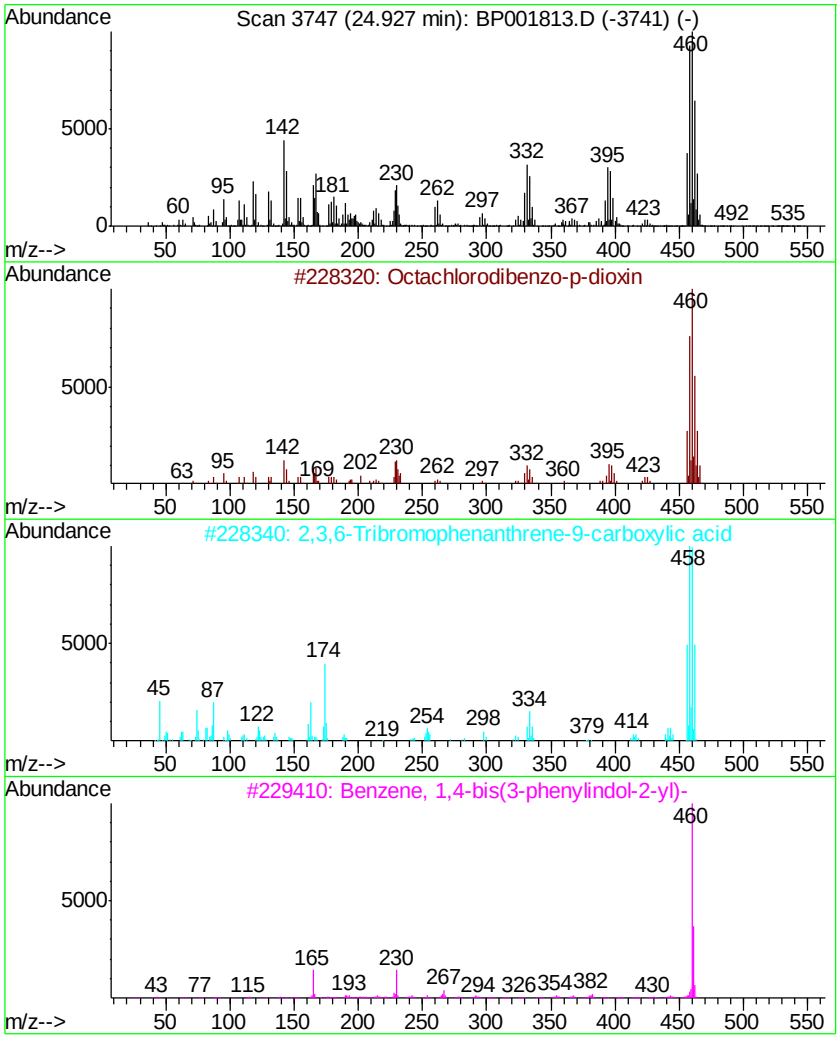
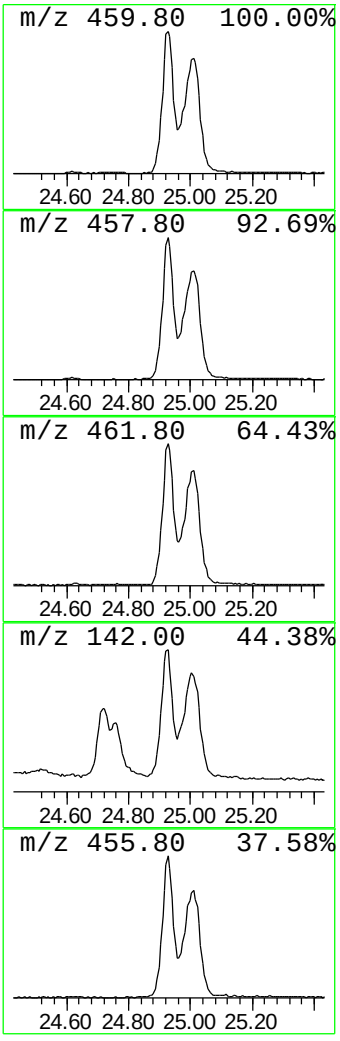
Peak Number 7 Octachlorodibenzo-p-dioxin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	39.35 ng/ul	4063750	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	95
2	2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	53
3	Benzene, 1,4-bis(3-phenylindol-2...	460	C34H24N2	164936-88-3	10
4	1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	10
5	Silane, [(3.beta.,5.alpha.)-chol...	458	C30H54OSi	002665-03-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022020\
Data File : BP001813.D
Acq On : 20 Feb 2020 21:15
Operator : CG/JU
Sample : L1418-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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
Butane, 2-methoxy...	2.93	23.5	ng/ul	2594110	1	7.66	2211410	20.0
1-Penten-3-one, 1...	12.97	2.3	ng/ul	526008	3	14.29	4589040	20.0
unknown-01	14.11	2.6	ng/ul	603306	3	14.29	4589040	20.0
n-Hexadecanoic acid	17.97	6.0	ng/ul	1290360	4	17.05	4304770	20.0
1,2,3,7,8,9-Hexac...	23.46	17.5	ng/ul	1803770	6	23.36	2065460	20.0
unknown-02	24.72	52.7	ng/ul	5438550	6	23.36	2065460	20.0
Octachlorodibenzo...	24.93	39.4	ng/ul	4063750	6	23.36	2065460	20.0