LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110210.D
Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	35	40	51	rVB	305179	437087	15.20%	1.464%
2	4.116	340	345	357	rBV	890763	1109580	38.58%	3.716%
3	5.210	527	531	539	rBV	102473	128408	4.47%	0.430%
4	5.592	591	596	599	rBV	2550925	2406984	83.70%	8.060%
5	6.592	760	766	779	rBV2	2462810	2875686	100.00%	9.630%
6	6.739	786	791	794	rBV	2756337	2558307	88.96%	8.567%
7	6.969	826	830	833	rBV	1068726	885106	30.78%	2.964%
8	7.122	852	856	860	rBV	2191182	1976096	68.72%	6.617%
9	7.528	920	925	928	rBV	1604378	1563938	54.38%	5.237%
10	8.251	1044	1048	1051	rBV	1327414	1094149	38.05%	3.664%
11	9.322	1225	1230	1234	rBV	2773702	2663744	92.63%	8.920%
12	9.657	1284	1287	1291	rBV3	34326	37584	1.31%	0.126%
13	9.716	1294	1297	1304	rVB	354200	309180	10.75%	1.035%
14	9.869	1320	1323	1328	rBV	49186	49042	1.71%	0.164%
15	10.010	1343	1347	1351	rBV2	1226620	1092382	37.99%	3.658%
16	10.216	1375	1382	1385	rBV2	25304	34449	1.20%	0.115%
17	10.422	1414	1417	1421	rVB2	42154	37480	1.30%	0.126%
18	10.798	1478	1481	1489	rVV	1248275	1161873	40.40%	3.891%
19	10.898	1494	1498	1508	rVB4	51749	93020	3.23%	0.311%
20	11.304	1564	1567	1571	rBV	58802	56990	1.98%	0.191%
21	11.345	1571	1574	1577	rBV	52738	44020	1.53%	0.147%
22	11.504	1597	1601	1603	rBV	1025548	890864	30.98%	2.983%
23	11.527	1603	1605	1609	rVV	506906	393715	13.69%	1.318%
24	11.580	1611	1614	1616	rVB	67065	56105	1.95%	0.188%
25	11.733	1636	1640	1642	rBV	49498	52177	1.81%	0.175%
26	11.974	1678	1681	1684	rBV	70669	65351	2.27%	0.219%
27	12.010	1684	1687	1689	rVV2	262571	241554	8.40%	0.809%
28	12.033	1689	1691	1696	rVB2	94399	86738	3.02%	0.290%
29	12.116	1702	1705	1708	rBV2	109521	112058	3.90%	0.375%
30	12.139	1708	1709	1714	rVB2	38285	33312	1.16%	0.112%
31	12.180	1714	1716	1719	rBV	46154	40222	1.40%	0.135%
32	12.298	1731	1736	1738	rBV2	46756	63236	2.20%	0.212%
33	12.327	1738	1741	1746	rVB	79461	70750	2.46%	0.237%
34	12.551	1777	1779	1781	rBV	33577	37732	1.31%	0.126%

LSC Area Percent Report

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Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.627	1787	1792	1798	rVB3	104590	184128	6.40%	0.617%
36	12.721	1804	1808	1812	rBV	665951	600928	20.90%	2.012%
37	12.810	1819	1823	1826	rVB4	154281	176005	6.12%	0.589%
38	12.845	1827	1829	1832	rBV2	58099	51356	1.79%	0.172%
39	12.951	1844	1847	1850	rVB	483061	373708	13.00%	1.251%
40	13.027	1858	1860	1862	rVB2	68416	48886	1.70%	0.164%
41	13.086	1866	1870	1877	rVB	2028181	1914494	66.58%	6.411%
42	13.268	1899	1901	1904	rVB3	90468	83222	2.89%	0.279%
43	13.304	1904	1907	1910	rBV2	118080	107087	3.72%	0.359%
44	13.457	1931	1933	1935	rBV	58345	50010	1.74%	0.167%
45	13.674	1968	1970	1977	rVB5	93831	106504	3.70%	0.357%
46	13.968	2018	2020	2023	rBV3	128369	122305	4.25%	0.410%
47	14.110	2042	2044	2046	rBV	77315	61322	2.13%	0.205%
48	14.151	2046	2051	2054	rVV2	931379	1028157	35.75%	3.443%
49	14.174	2054	2055	2061	rVB	290786	214461	7.46%	0.718%
50	14.592	2124	2126	2134	rVB2	109955	151066	5.25%	0.506%
51	14.915	2178	2181	2187	rVB	121567	119363	4.15%	0.400%
52	15.221	2230	2233	2237	rBV	196717	291661	10.14%	0.977%
53	15.274	2239	2242	2245	rVB	185011	199046	6.92%	0.667%
54	15.545	2286	2288	2294	rVB	125623	159555	5.55%	0.534%
55	15.609	2296	2299	2305	rBV	131924	183299	6.37%	0.614%
56	15.680	2306	2311	2315	rBV2	483631	665443	23.14%	2.228%
57	16.139	2385	2389	2394	rVB	140545	211273	7.35%	0.707%

Sum of corrected areas: 29862198

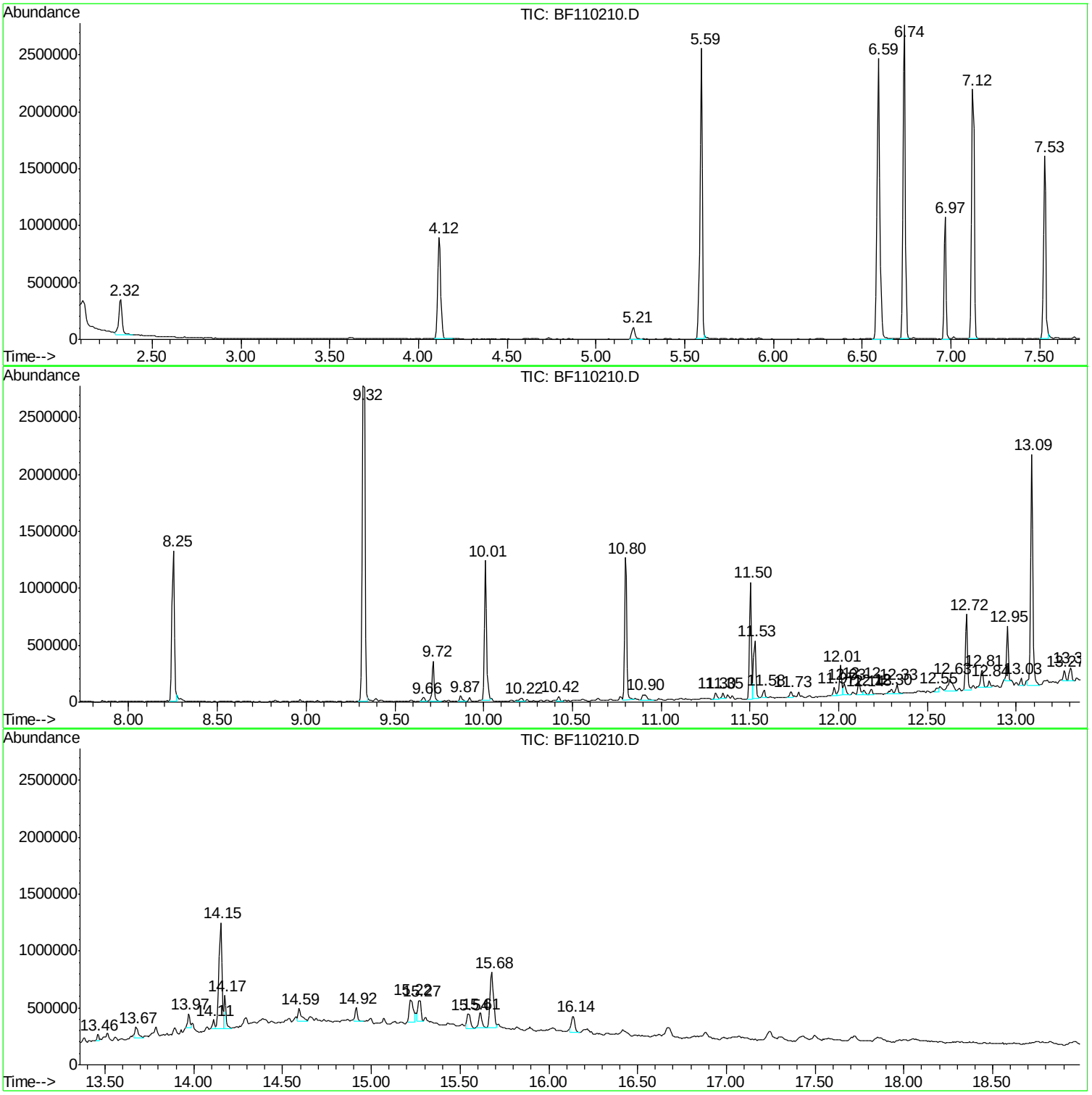
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110210.D
Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110210.D
Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

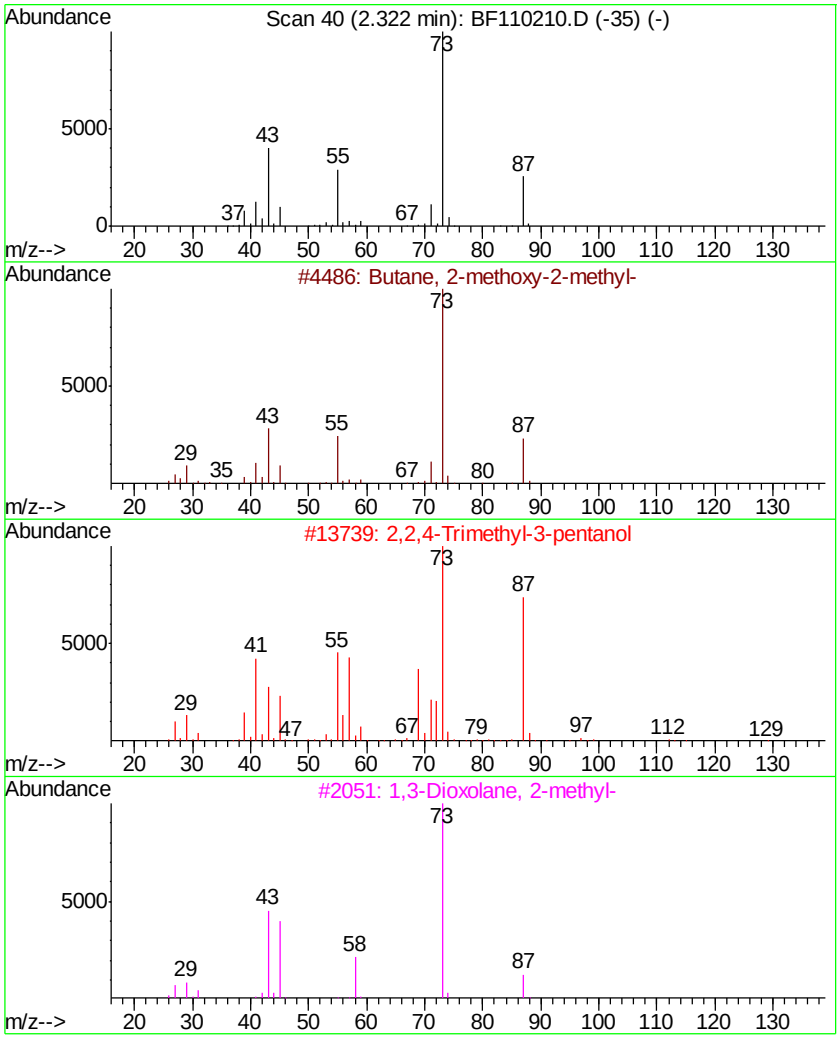
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

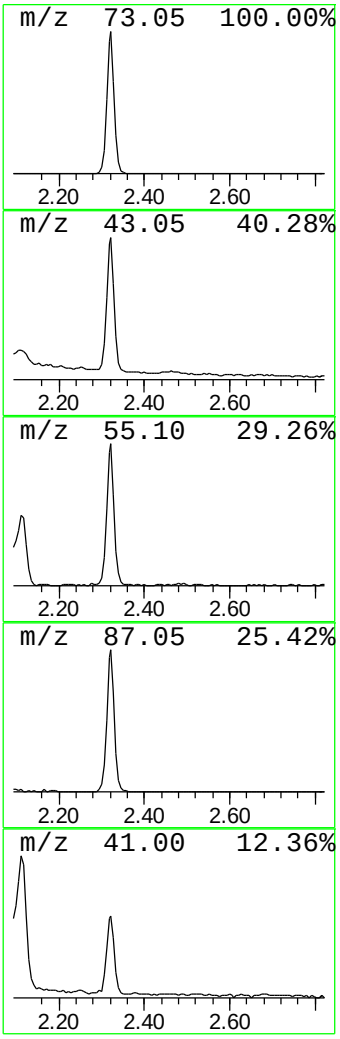
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	9.88 ng	437087	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110210.D
Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

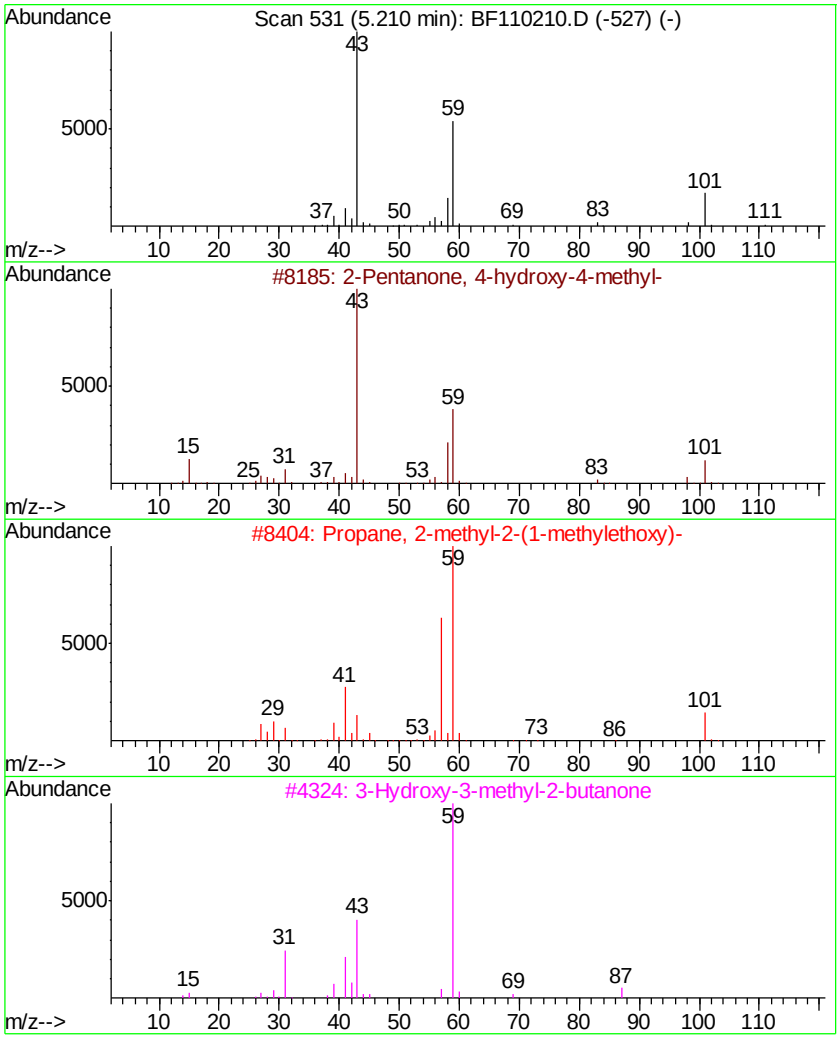
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

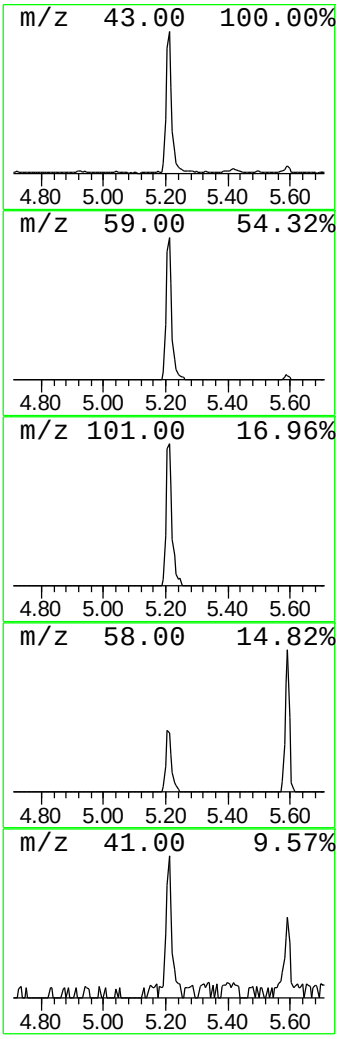
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	2.90 ng	128408	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110210.D
Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

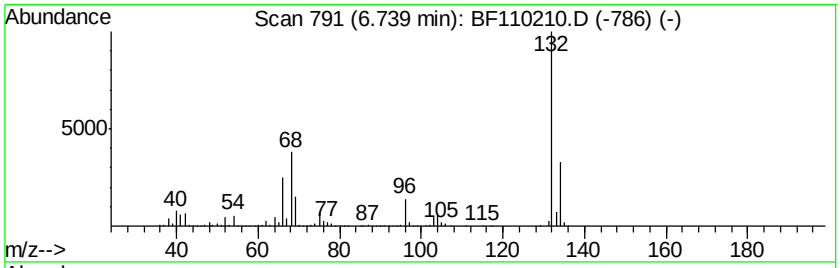
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

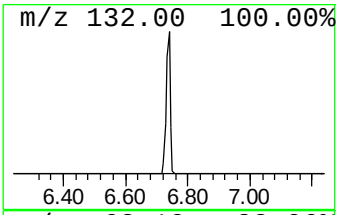
****

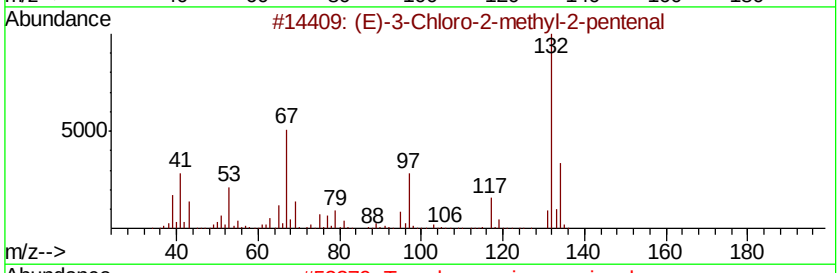
Peak Number 4 unknown6.74 Concentration Rank 1

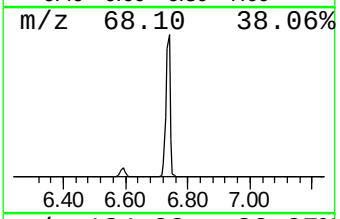
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	57.81 ng	2558310	1,4-Dichlorobenzene-d4	6.97

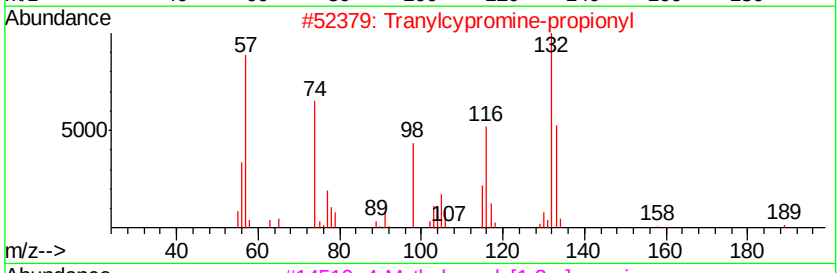
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9

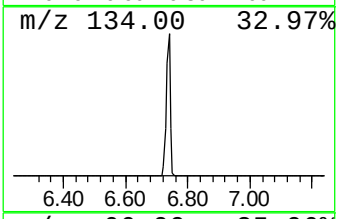


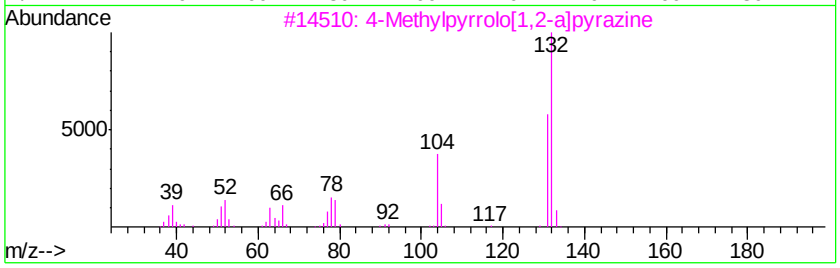


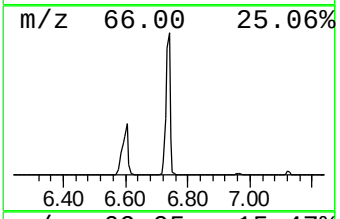


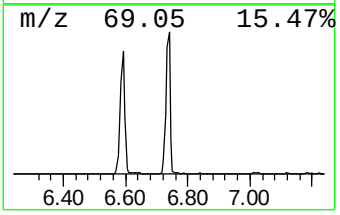












Library Search Compound Report

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Data File : BF110210.D
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Sample : J5624-09
Misc :
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Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

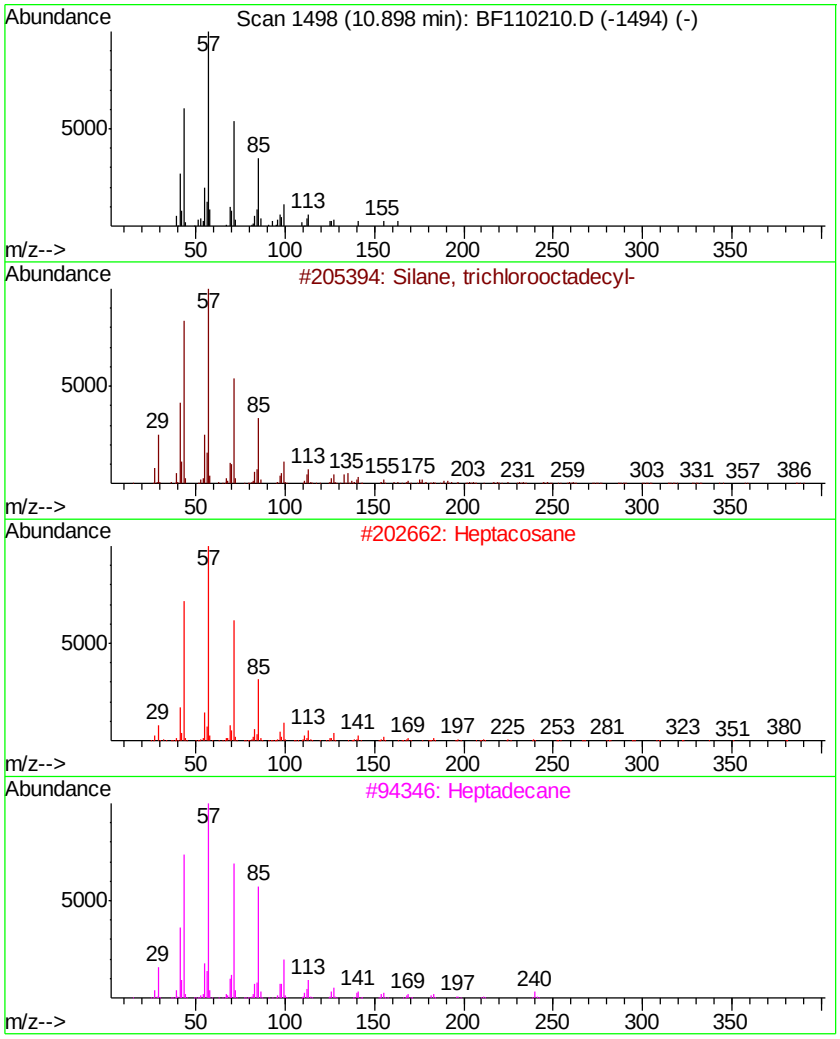
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

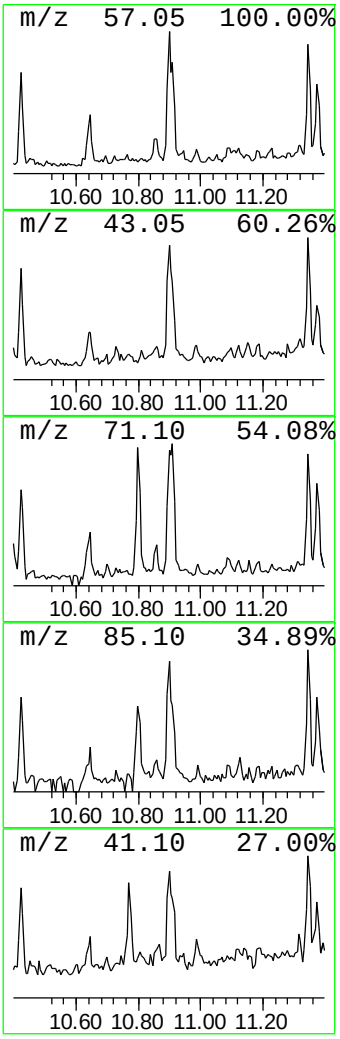
****

Peak Number 6 Silane, trichlorooctadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.09 ng	93020	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane	198	C14H30	000629-59-4	80





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Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

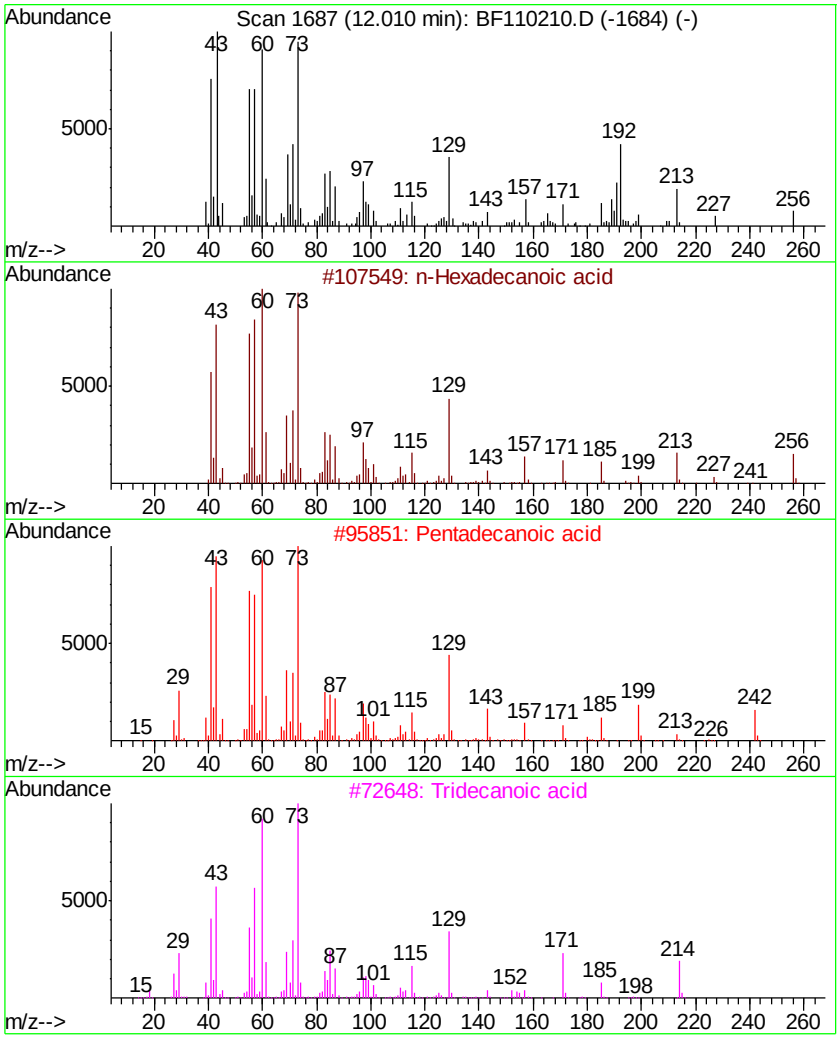
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

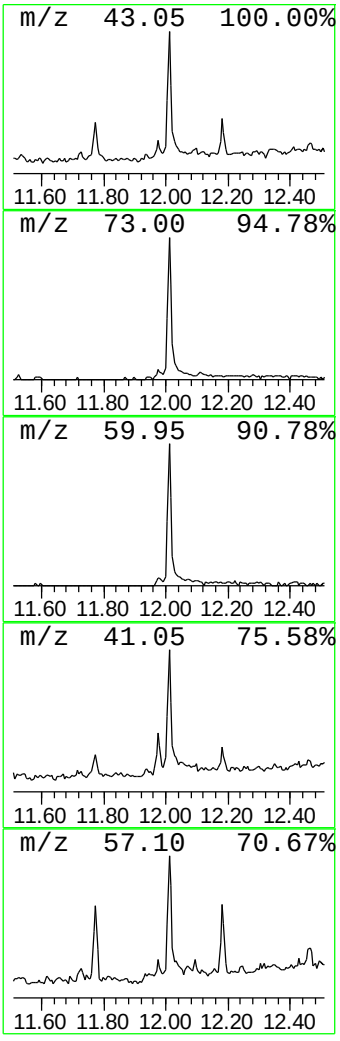
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.42 ng	241554	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110210.D
Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

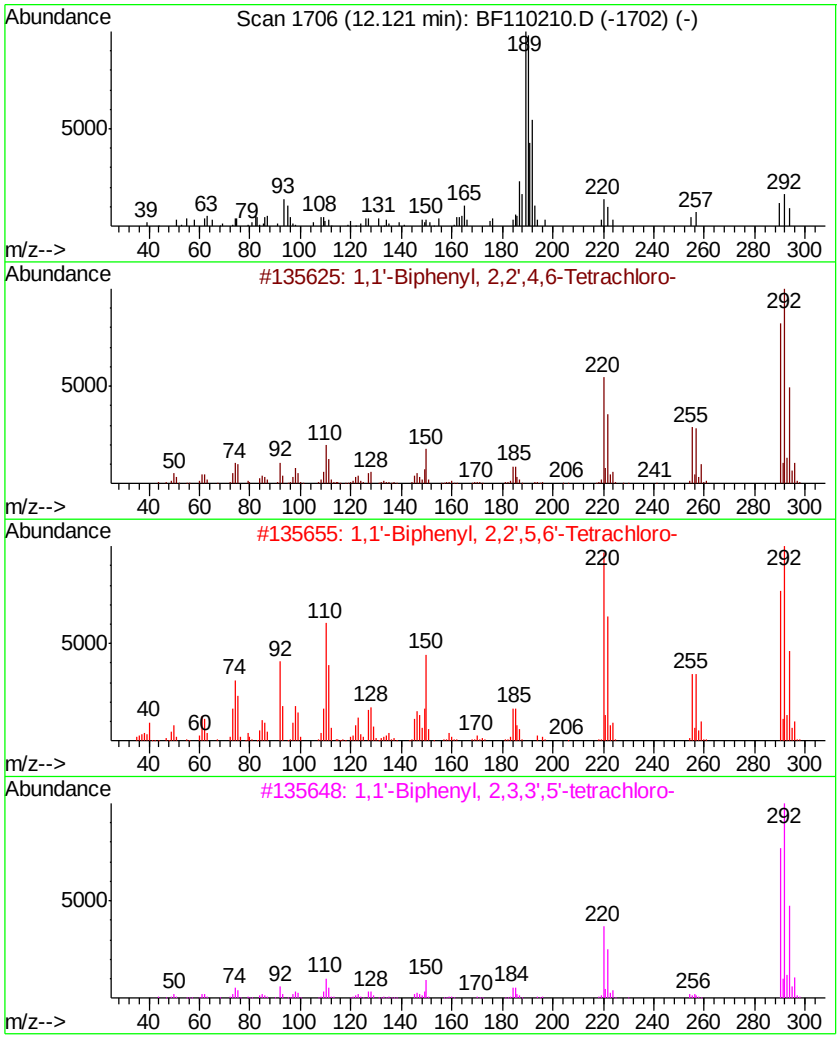
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

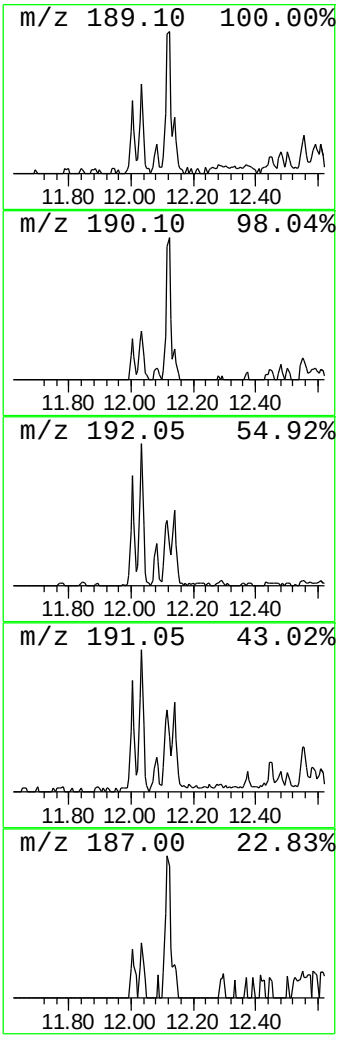
****

Peak Number 8 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.52 ng	112058	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	95
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	94
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	94
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	93
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	92





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Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

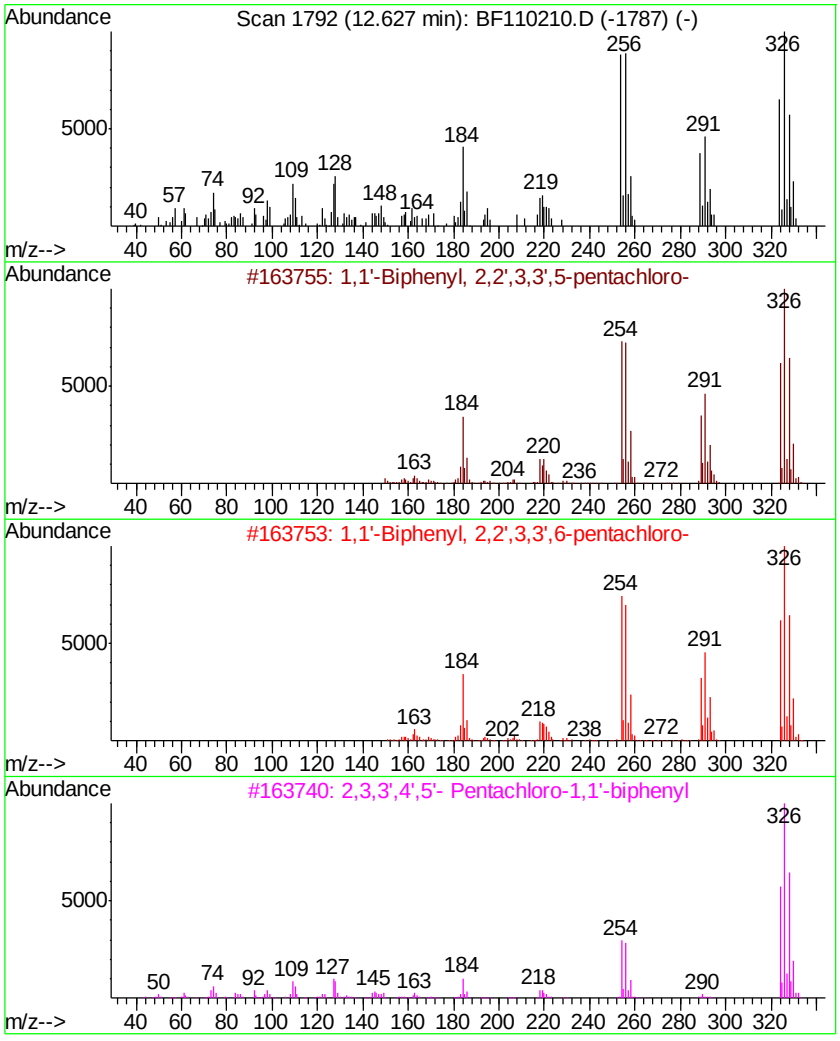
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

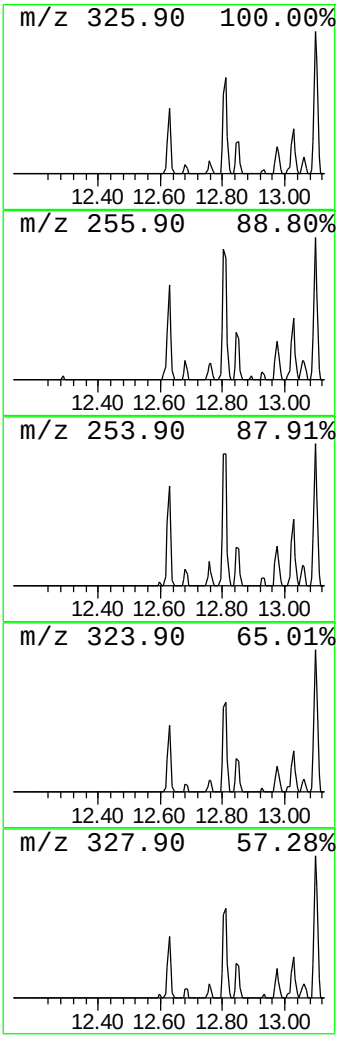
****

Peak Number 9 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.13 ng	184128	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99





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Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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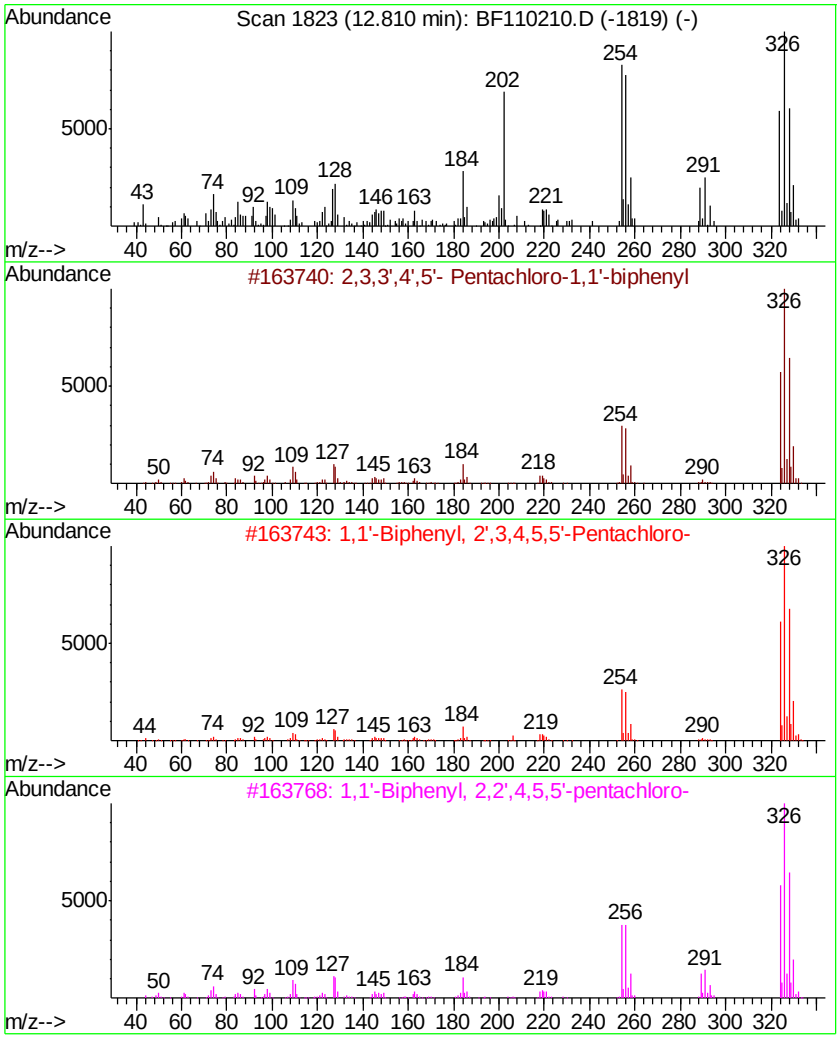
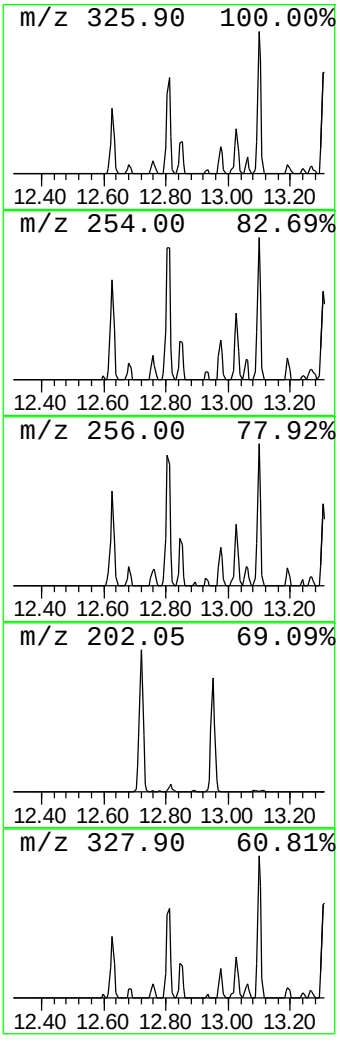
Peak Number 10 2,3,3',4',5'- Pentachloro-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.95 ng	176005	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





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ClientSampleId : PA-SB-01A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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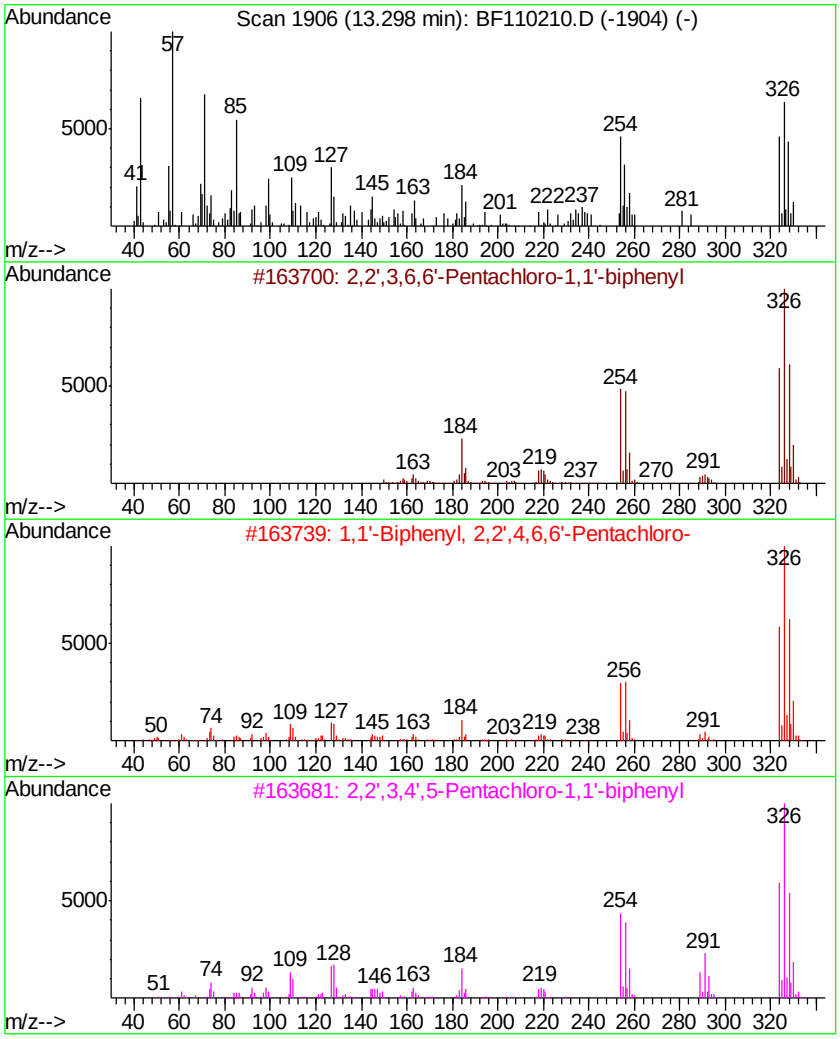
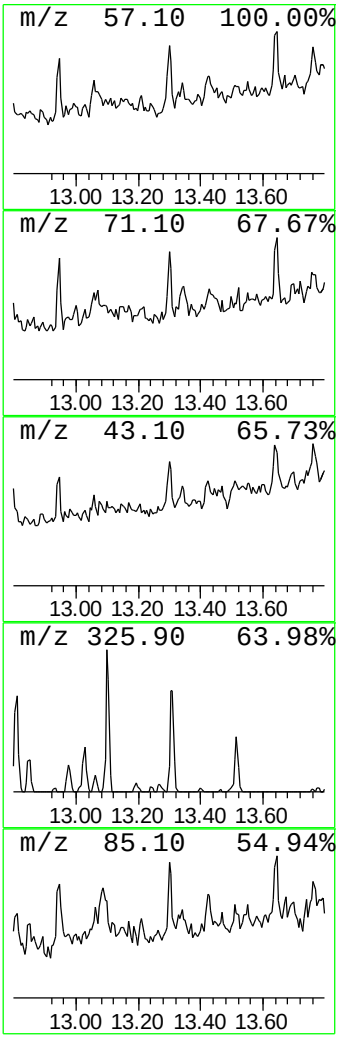
Peak Number 11 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.08 ng	107087	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
4	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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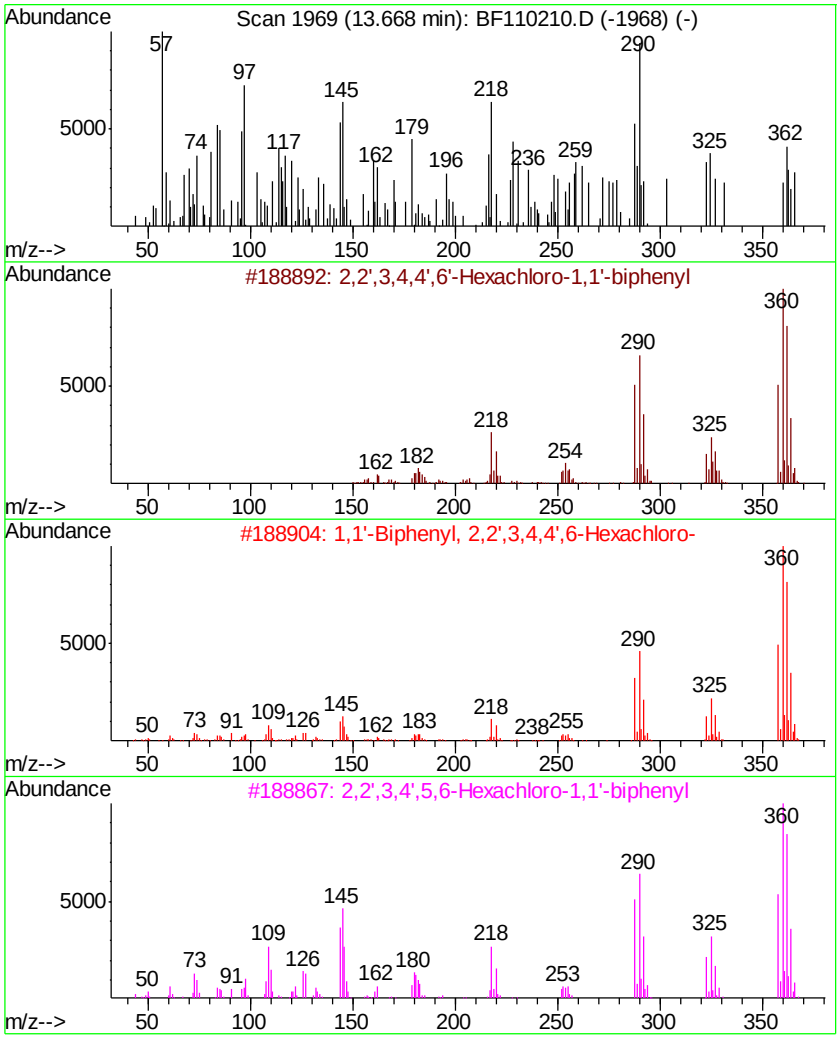
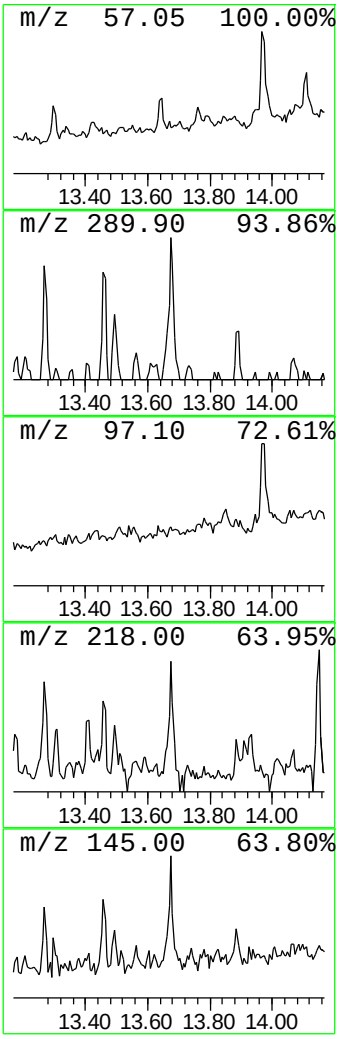
Peak Number 12 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.07 ng	106504	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





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Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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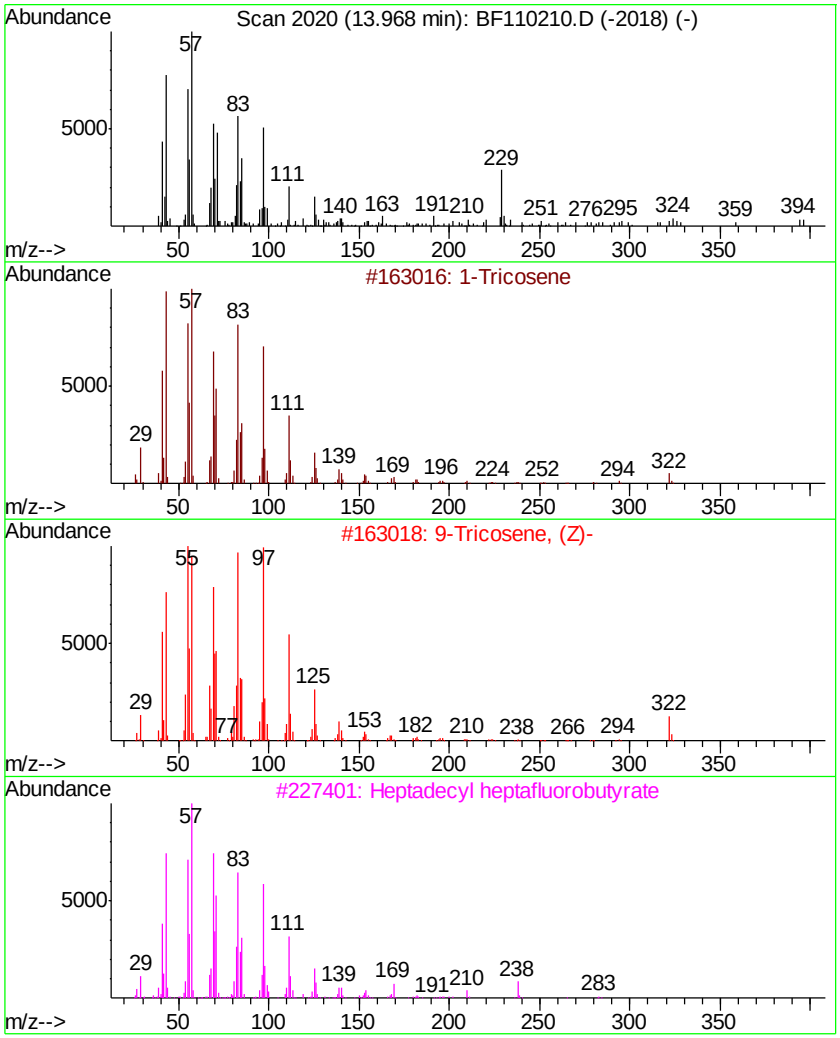
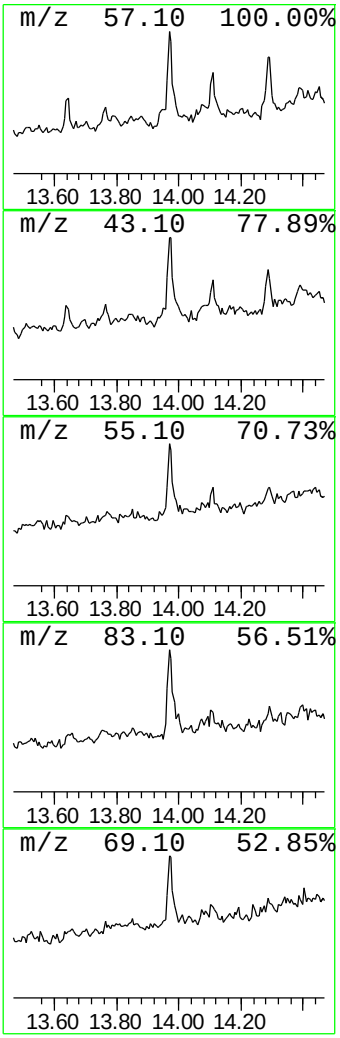
Peak Number 13 1-Tricosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.38 ng	122305	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
4	11-Tricosene	322	C23H46	052078-56-5	78
5	17-Pentatriacontene	491	C35H70	006971-40-0	74





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Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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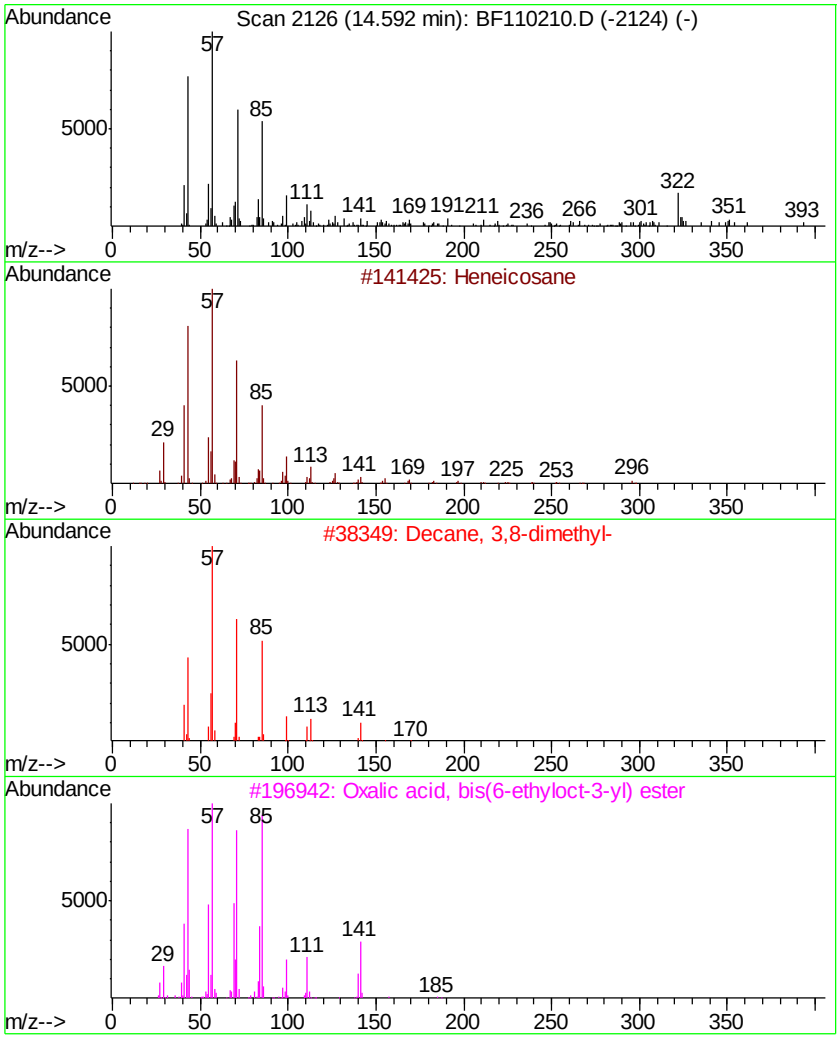
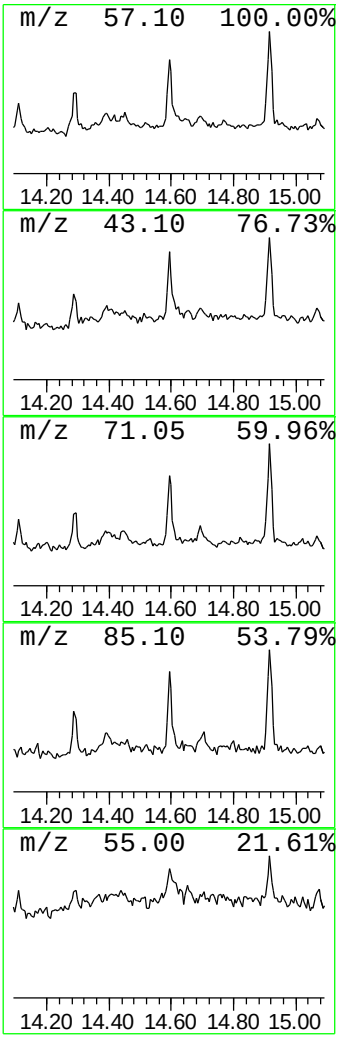
Peak Number 14 Decane, 3,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.94 ng	151066	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
3	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64





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Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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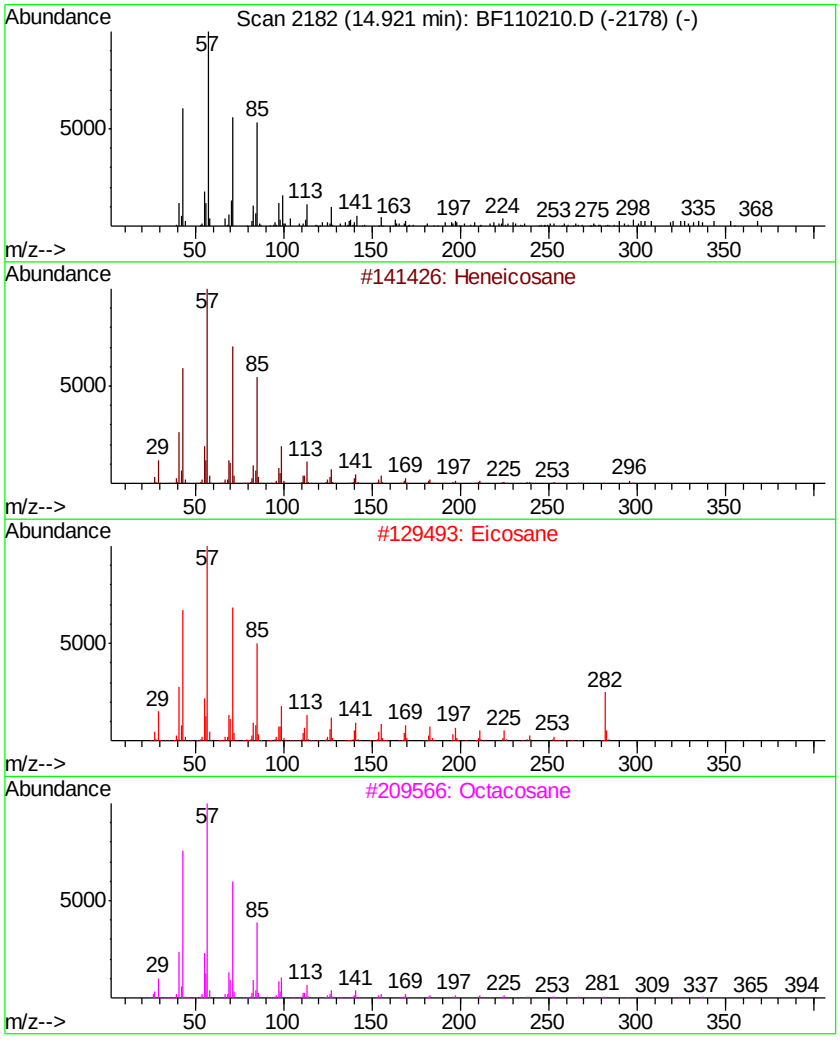
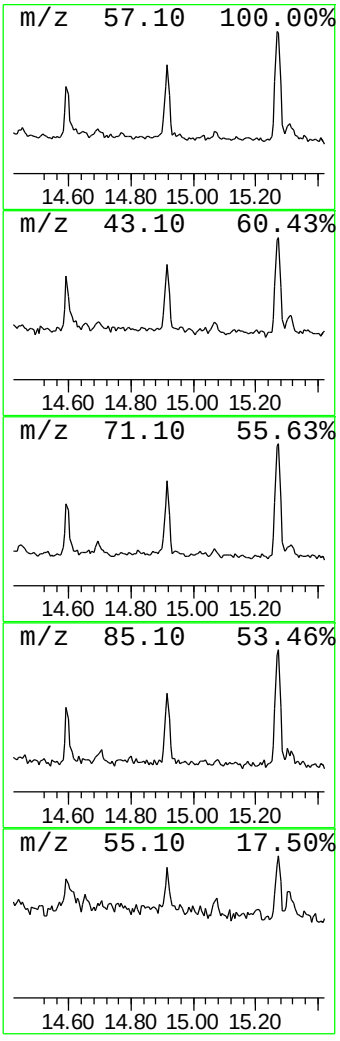
Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.59 ng	119363	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane	282	C20H42	000112-95-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tricosane	324	C23H48	000638-67-5	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Library Search Compound Report

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Data File : BF110210.D
Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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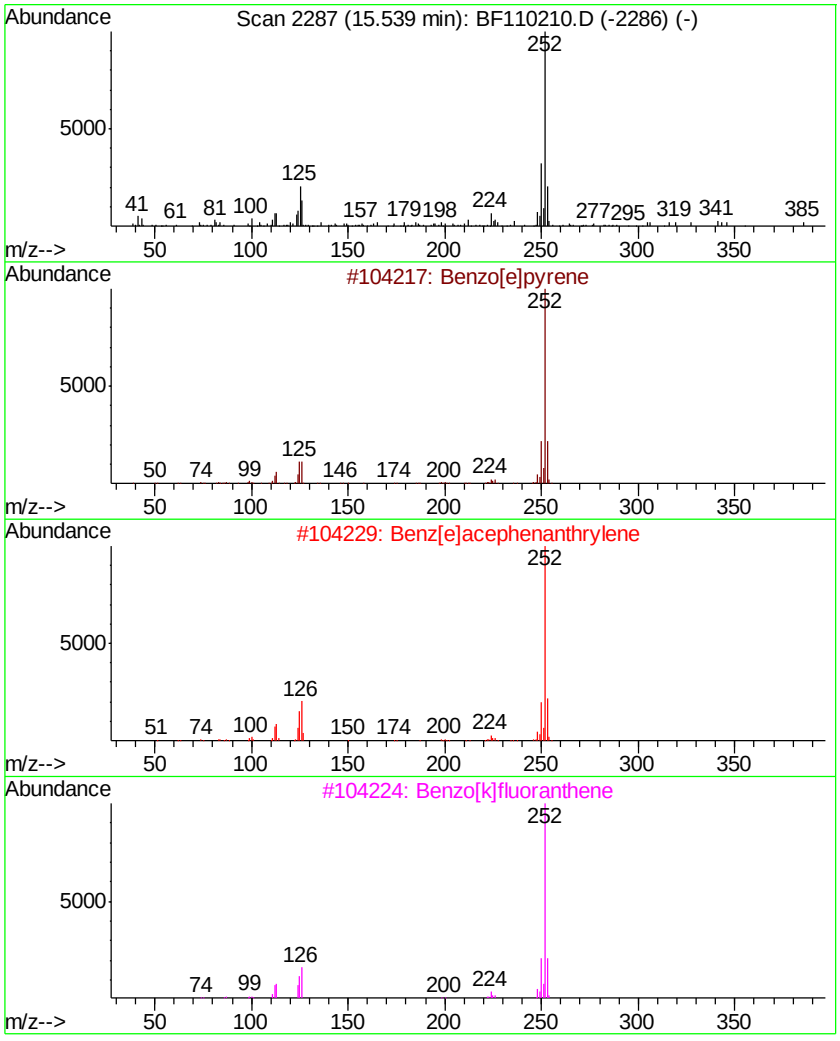
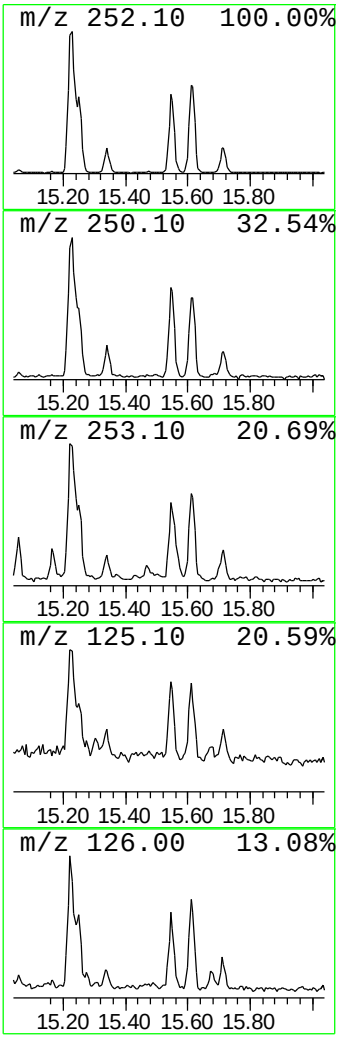
Peak Number 16 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	4.80 ng	159555	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Library Search Compound Report

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Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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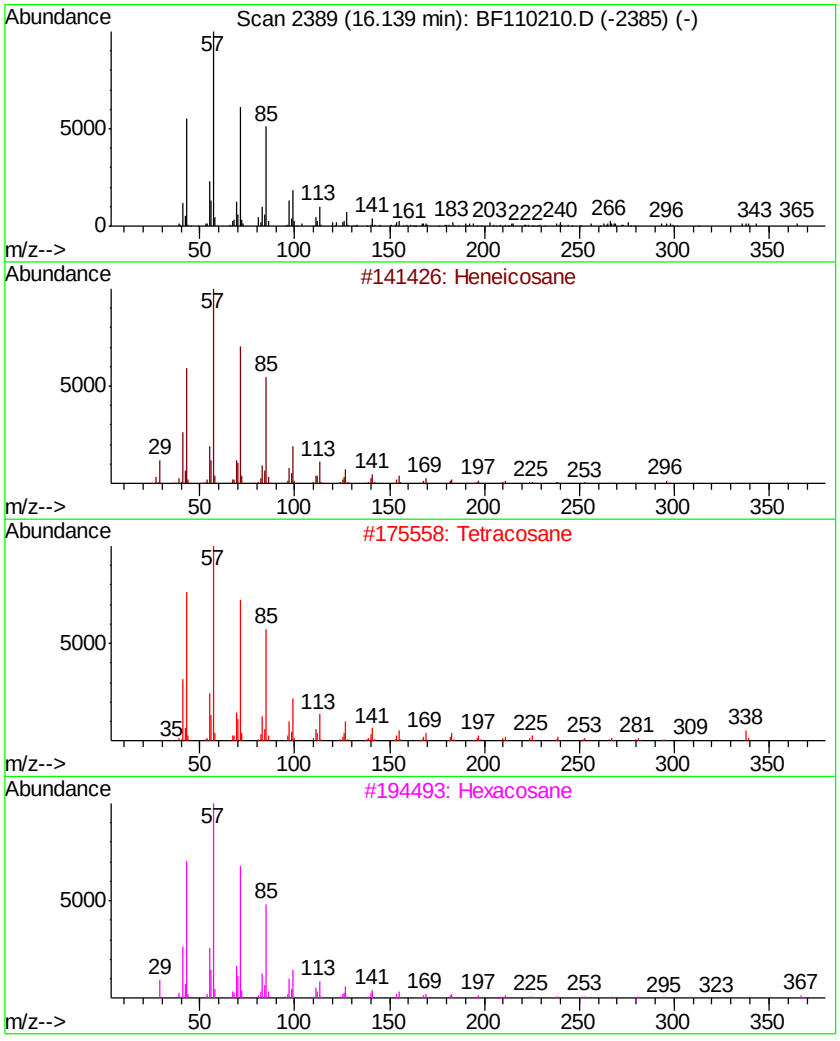
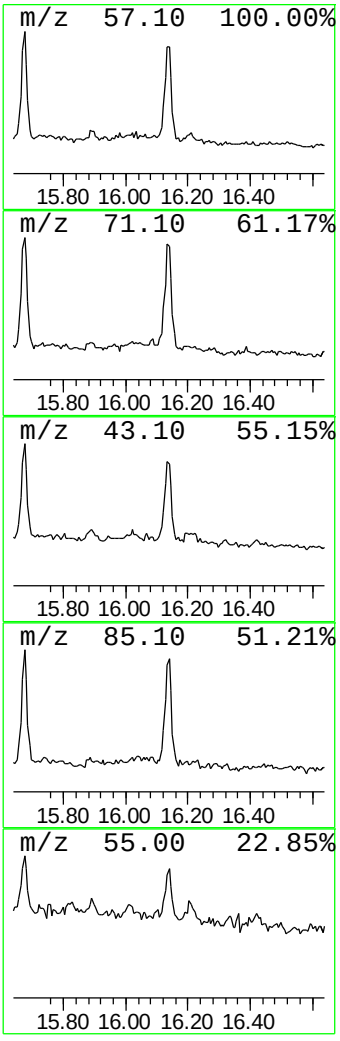
Peak Number 17 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	6.35 ng	211273	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tetracosane	338	C24H50	000646-31-1	94
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane	240	C17H36	000629-78-7	86





Tentatively Identified Compound (LSC) summary

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Data File : BF110210.D
Acq On : 26 Oct 2018 15:29
Operator : JU/SJ
Sample : J5624-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	2.32	9.9	ng	437087	1	6.97	885106	20.0
2-Pentanone, 4-hy...	5.21	2.9	ng	128408	1	6.97	885106	20.0
unknown6.74	6.74	57.8	ng	2558310	1	6.97	885106	20.0
Silane, trichloro...	10.90	2.1	ng	93020	4	11.50	890864	20.0
n-Hexadecanoic acid	12.01	5.4	ng	241554	4	11.50	890864	20.0
1,1'-Biphenyl, 2,...	12.12	2.5	ng	112058	4	11.50	890864	20.0
1,1'-Biphenyl, 2,...	12.63	4.1	ng	184128	4	11.50	890864	20.0
2,3,3',4',5'- Pen...	12.81	4.0	ng	176005	4	11.50	890864	20.0
2,2',3,6,6'-Penta...	13.30	2.1	ng	107087	5	14.15	1028160	20.0
2,2',3,4,4',6'-He...	13.67	2.1	ng	106504	5	14.15	1028160	20.0
1-Tricosene	13.97	2.4	ng	122305	5	14.15	1028160	20.0
Decane, 3,8-dimet...	14.59	2.9	ng	151066	5	14.15	1028160	20.0
Heneicosane	14.92	3.6	ng	119363	6	15.68	665443	20.0
Benzo[e]pyrene	15.54	4.8	ng	159555	6	15.68	665443	20.0
Hexacosane	16.14	6.3	ng	211273	6	15.68	665443	20.0