LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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	4.898	474	478	488	rBV	437103	608313	20.09%	1.594%
2	5.328	545	551	554	rBV	2744428	2795887	92.35%	7.327%
3	6.351	720	725	728	rBV	2753244	3027336	100.00%	7.934%
4	6.481	742	747	751	rBV	2892704	2919127	96.43%	7.650%
5	6.710	783	786	790	rBV	874065	714826	23.61%	1.873%
6	6.869	809	813	816	rBV	2337338	2049662	67.71%	5.372%
7	7.275	876	882	885	rBV	1845234	1723605	56.93%	4.517%
8	7.375	893	899	903	rBV	35080	35405	1.17%	0.093%
9	7.992	1000	1004	1007	rBV	1189139	988616	32.66%	2.591%
10	9.074	1183	1188	1191	rBV	3255961	2811018	92.85%	7.367%
11	9.463	1251	1254	1257	rBV	479360	388327	12.83%	1.018%
12	9.604	1275	1278	1282	rBV	76441	73393	2.42%	0.192%
13	9.745	1298	1302	1306	rBV2	1034095	939952	31.05%	2.463%
14	9.780	1306	1308	1310	rVB	47966	38084	1.26%	0.100%
15	9.951	1334	1337	1340	rVB2	44869	42129	1.39%	0.110%
16	10.163	1369	1373	1375	rBV3	38697	40422	1.34%	0.106%
17	10.192	1375	1378	1381	rVV2	67852	50903	1.68%	0.133%
18	10.292	1392	1395	1401	rBV	65257	57867	1.91%	0.152%
19	10.404	1411	1414	1419	rVB2	333409	299416	9.89%	0.785%
20	10.533	1432	1436	1440	rBV	1411037	1309953	43.27%	3.433%
21	10.669	1456	1459	1466	rVB3	94314	138461	4.57%	0.363%
22	10.733	1466	1470	1473	rBV2	130601	135163	4.46%	0.354%
23	10.798	1477	1481	1486	rBV	664015	559976	18.50%	1.468%
24	10.963	1506	1509	1512	rBV3	127831	135900	4.49%	0.356%
25	10.992	1512	1514	1517	rVV3	49037	54121	1.79%	0.142%
26	11.027	1518	1520	1526	rVB	50046	56602	1.87%	0.148%
27	11.116	1532	1535	1538	rBV3	69226	69633	2.30%	0.182%
28	11.163	1538	1543	1545	rVV	832406	751799	24.83%	1.970%
29	11.186	1545	1547	1550	rVB	317438	246018	8.13%	0.645%
30	11.227	1550	1554	1556	rBV	886343	809107	26.73%	2.121%
31	11.251	1556	1558	1561	rVV	663958	515726	17.04%	1.352%
32	11.304	1564	1567	1568	rVV	157755	125277	4.14%	0.328%
33	11.327	1568	1571	1575	rVB	500429	461030	15.23%	1.208%
34	11.492	1596	1599	1601	rBV	135144	133914	4.42%	0.351%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.574	1609	1613	1617	rVB	823926	1032215	34.10%	2.705%
36	11.651	1622	1626	1629	rVB	516318	490594	16.21%	1.286%
37	11.721	1634	1638	1641	rBV2	262708	314031	10.37%	0.823%
38	11.757	1641	1644	1648	rVB	160620	182336	6.02%	0.478%
39	11.804	1649	1652	1655	rBV3	76150	78577	2.60%	0.206%
40	11.845	1655	1659	1664	rBV3	286965	414210	13.68%	1.086%
41	11.886	1664	1666	1668	rVV	140281	113081	3.74%	0.296%
42	11.910	1668	1670	1673	rVB	131855	98182	3.24%	0.257%
43	12.015	1685	1688	1691	rBV2	242263	263530	8.71%	0.691%
44	12.045	1691	1693	1695	rVB	136137	104020	3.44%	0.273%
45	12.074	1695	1698	1700	rBV	171494	143767	4.75%	0.377%
46	12.098	1700	1702	1704	rVV	82650	69122	2.28%	0.181%
47	12.121	1704	1706	1710	rVB	163802	129958	4.29%	0.341%
48	12.180	1713	1716	1719	rBV3	74538	72087	2.38%	0.189%
49	12.280	1730	1733	1736	rBV	85798	88106	2.91%	0.231%
50	12.315	1736	1739	1741	rVV	147934	141635	4.68%	0.371%
51	12.345	1741	1744	1746	rVV2	233136	251563	8.31%	0.659%
52	12.368	1746	1748	1752	rVB	238264	208497	6.89%	0.546%
53	12.439	1756	1760	1763	rVB	889255	782181	25.84%	2.050%
54	12.498	1766	1770	1774	rBV3	136093	198533	6.56%	0.520%
55	12.533	1774	1776	1780	rVB2	36853	33677	1.11%	0.088%
56	12.662	1793	1798	1801	rBV	738154	841913	27.81%	2.206%
57	12.786	1816	1819	1820	rBV	57526	53825	1.78%	0.141%
58	12.815	1820	1824	1829	rVB	1814555	1729084	57.12%	4.532%
59	12.886	1834	1836	1839	rVB	53261	55806	1.84%	0.146%
60	12.968	1848	1850	1852	rBV3	39306	42823	1.41%	0.112%
61	12.992	1852	1854	1858	rVB	115505	107467	3.55%	0.282%
62	13.062	1863	1866	1868	rBV	82162	70766	2.34%	0.185%
63	13.098	1868	1872	1874	rBV	105272	110806	3.66%	0.290%
64	13.186	1885	1887	1890	rVB	83436	68488	2.26%	0.179%
65	13.221	1890	1893	1898	rBV3	60091	78313	2.59%	0.205%
66	13.292	1902	1905	1908	rBV	80362	77188	2.55%	0.202%
67	13.398	1921	1923	1926	rBV3	34916	31760	1.05%	0.083%
68	13.498	1937	1940	1945	rVB	70618	81604	2.70%	0.214%
69	13.609	1955	1959	1962	rBV2	88911	141190	4.66%	0.370%
70	13.639	1962	1964	1966	rVV	66004	55876	1.85%	0.146%
71	13.715	1972	1977	1984	rVB2	195275	307020	10.14%	0.805%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.857	1996	2001	2004	rBV2	870634	1146141	37.86%	3.004%
73	13.886	2004	2006	2009	rVB	407400	309011	10.21%	0.810%
74	13.962	2017	2019	2022	rBV2	47110	38572	1.27%	0.101%
75	14.045	2031	2033	2035	rVB2	56148	47187	1.56%	0.124%
76	14.074	2036	2038	2043	rVB2	42666	50497	1.67%	0.132%
77	14.245	2065	2067	2070	rVB	87090	67414	2.23%	0.177%
78	14.280	2071	2073	2077	rVB2	60022	51787	1.71%	0.136%
79	14.321	2077	2080	2082	rBV	63835	77619	2.56%	0.203%
80	14.874	2170	2174	2176	rBV	312203	433145	14.31%	1.135%
81	14.968	2188	2190	2194	rVB	104743	106129	3.51%	0.278%
82	15.151	2218	2221	2227	rVB	202410	263100	8.69%	0.690%
83	15.209	2227	2231	2236	rVB	277042	368510	12.17%	0.966%
84	15.268	2237	2241	2244	rBV	449769	545963	18.03%	1.431%
85	16.627	2467	2472	2479	rVB2	139290	306352	10.12%	0.803%
86	17.033	2537	2541	2554	rVB2	81883	173891	5.74%	0.456%

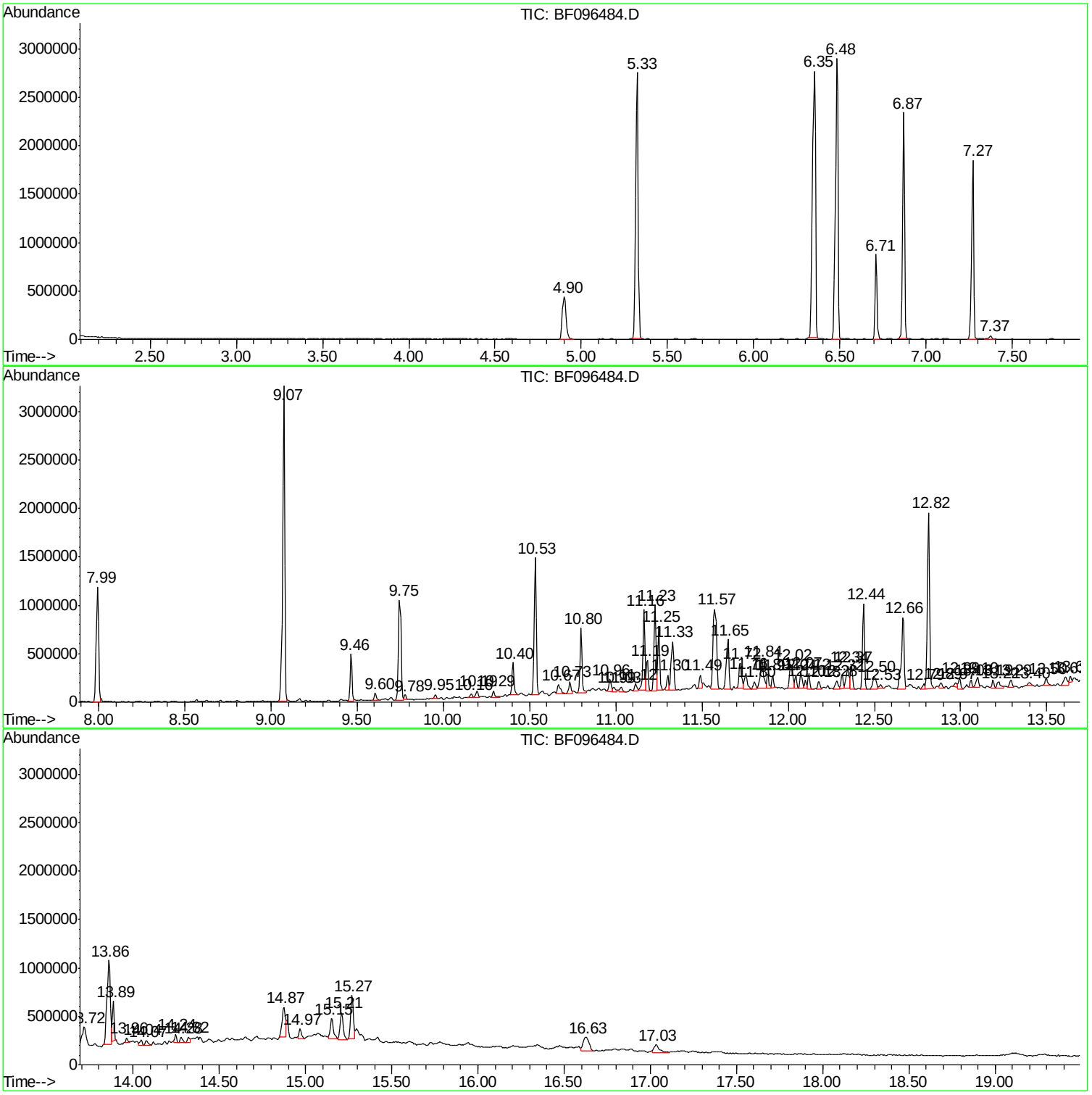
Sum of corrected areas: 38156117

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

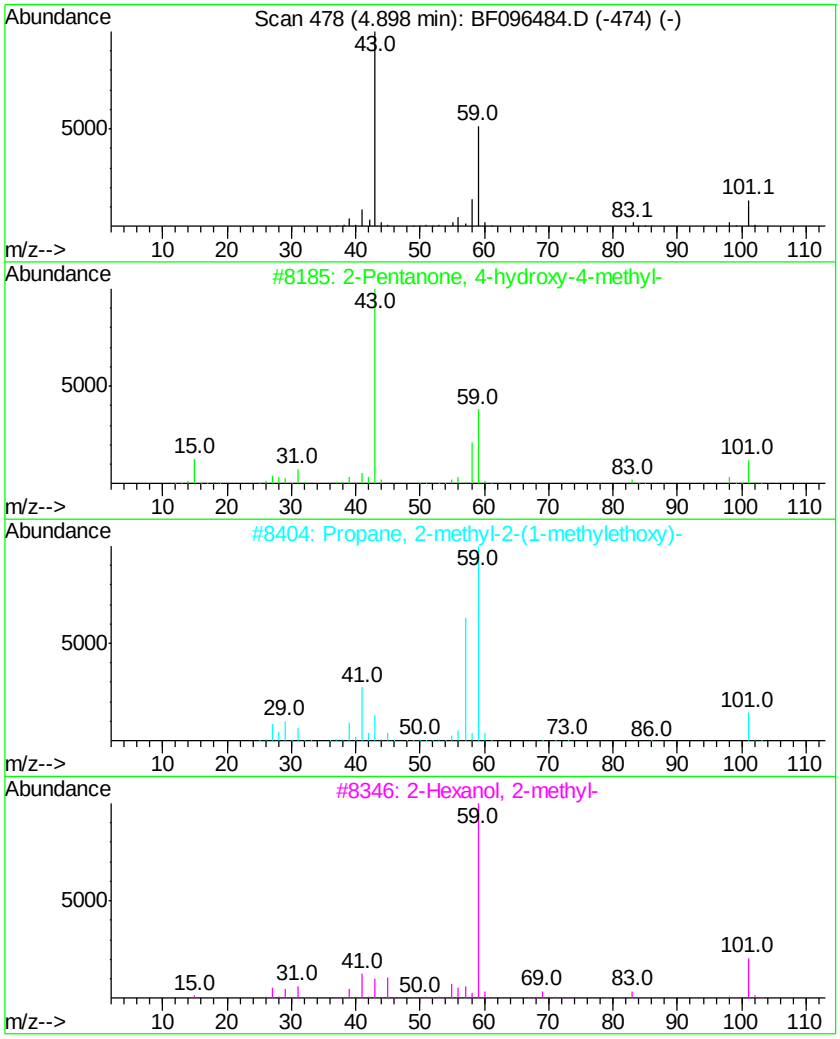
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

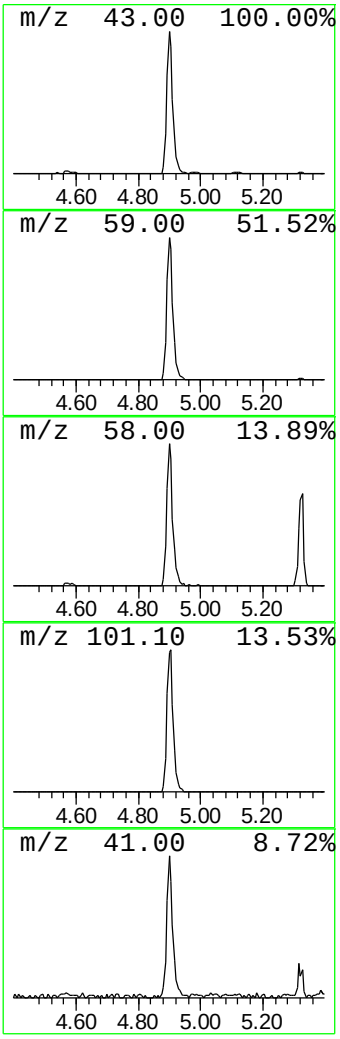
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	17.02 ng	608313	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

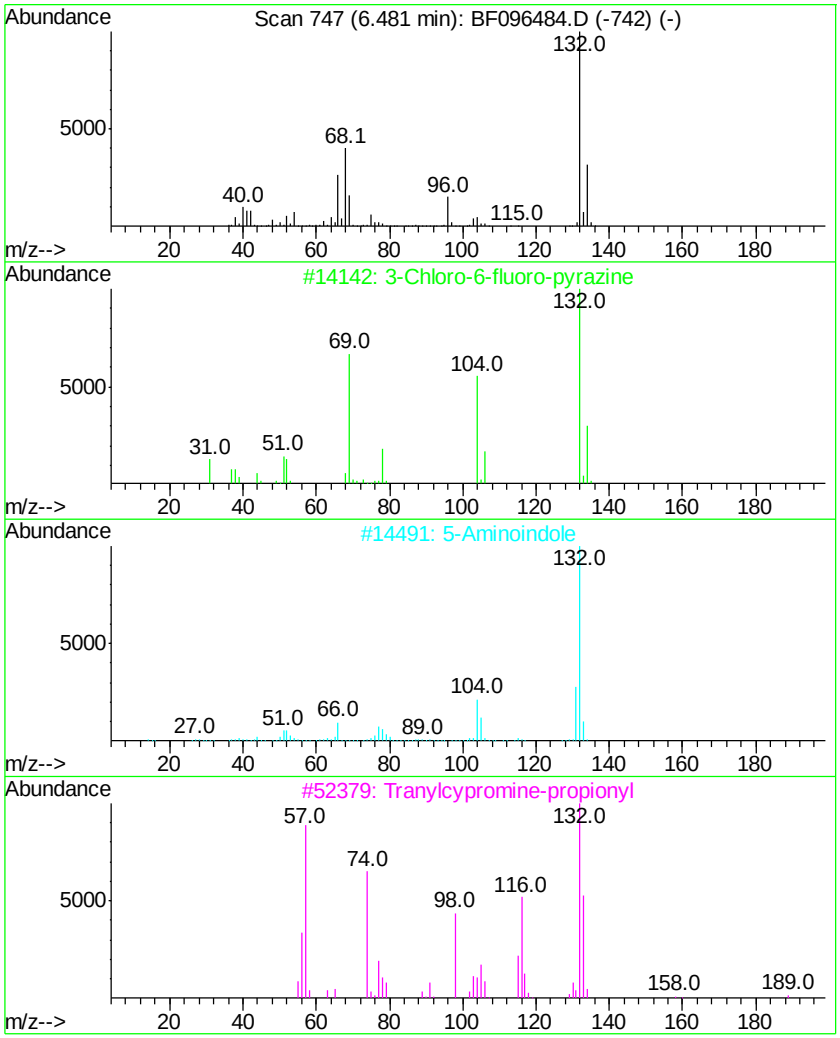
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

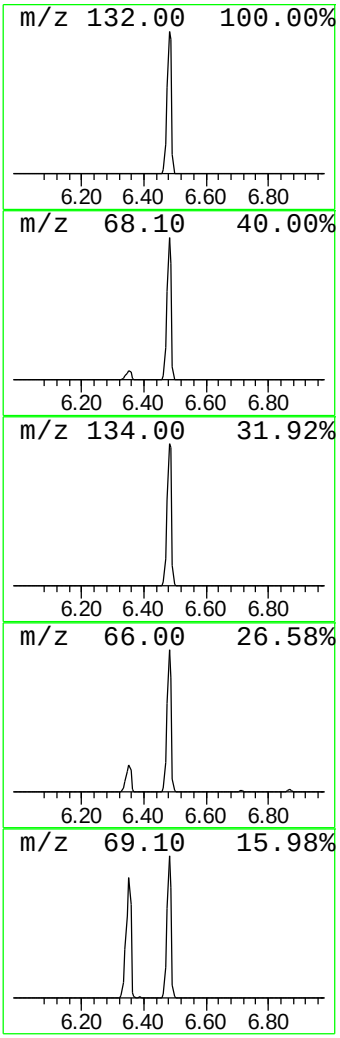
****

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	81.67 ng	2919130	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

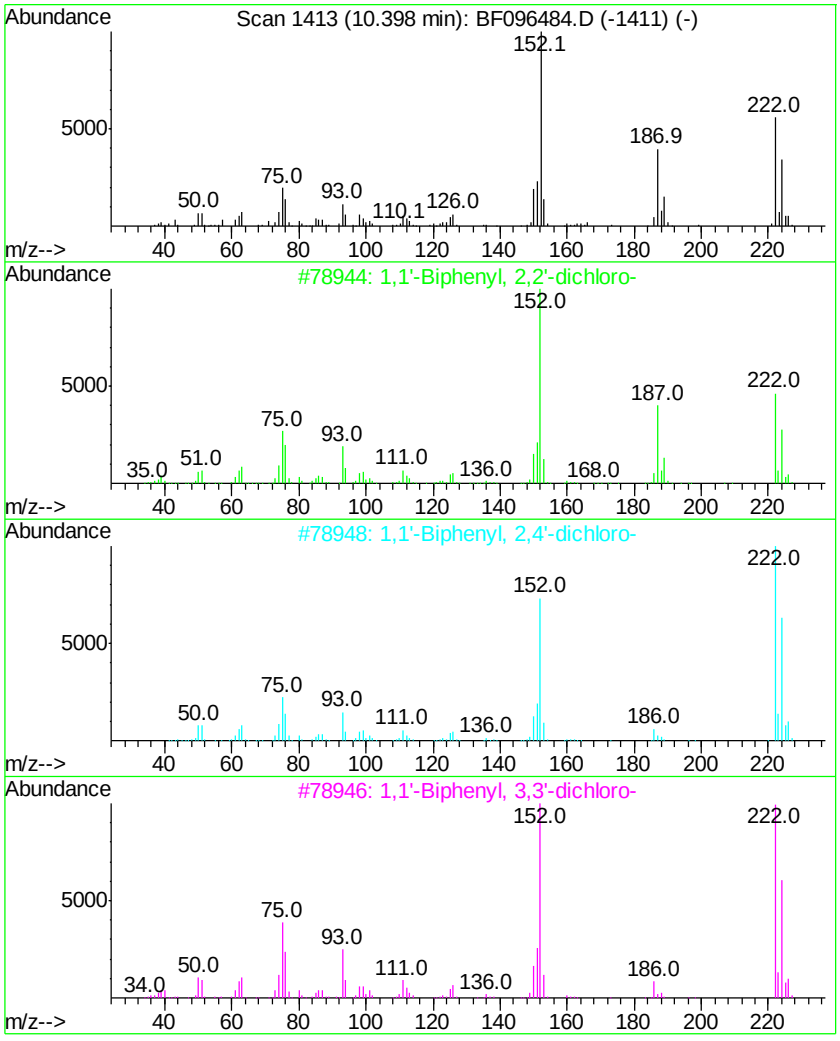
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

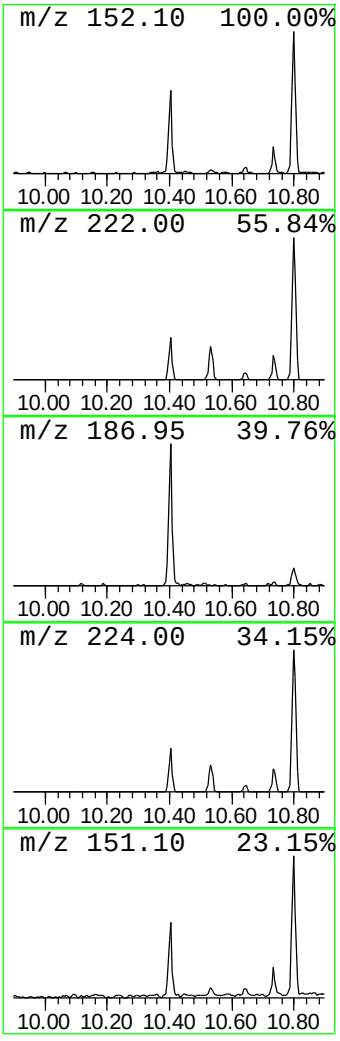
****

Peak Number 4 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	6.37 ng	299416	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96
5	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

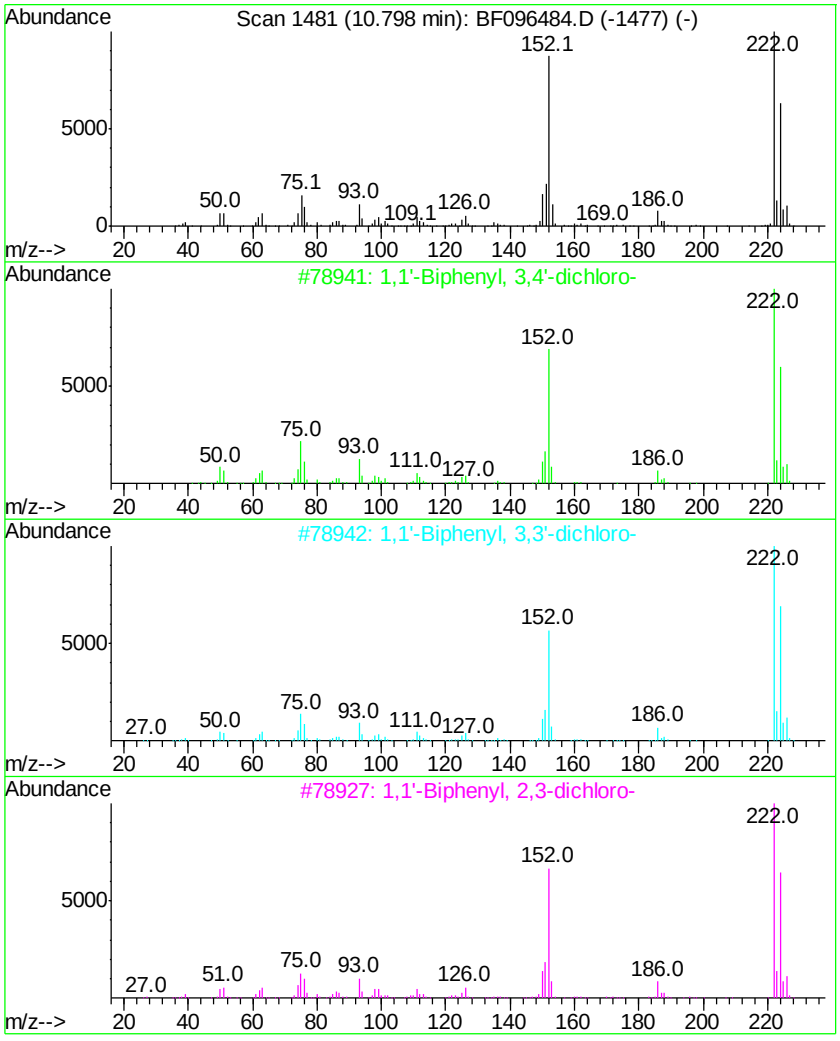
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

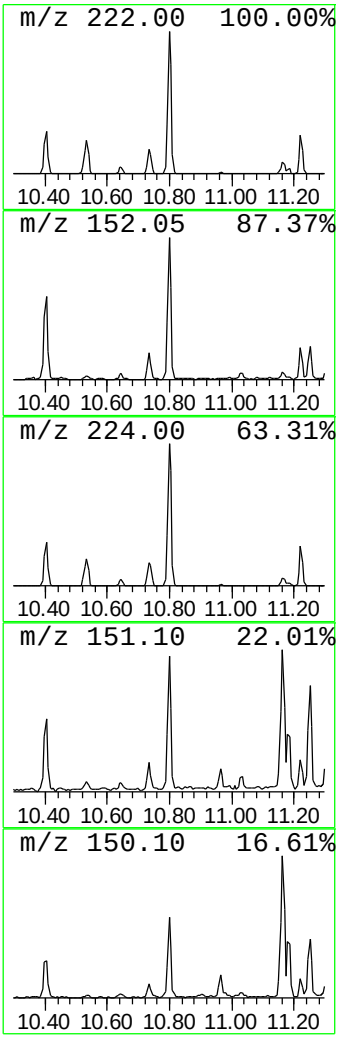
****

Peak Number 5 1,1'-Biphenyl, 3,4'-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	13.84 ng	559976	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	98
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

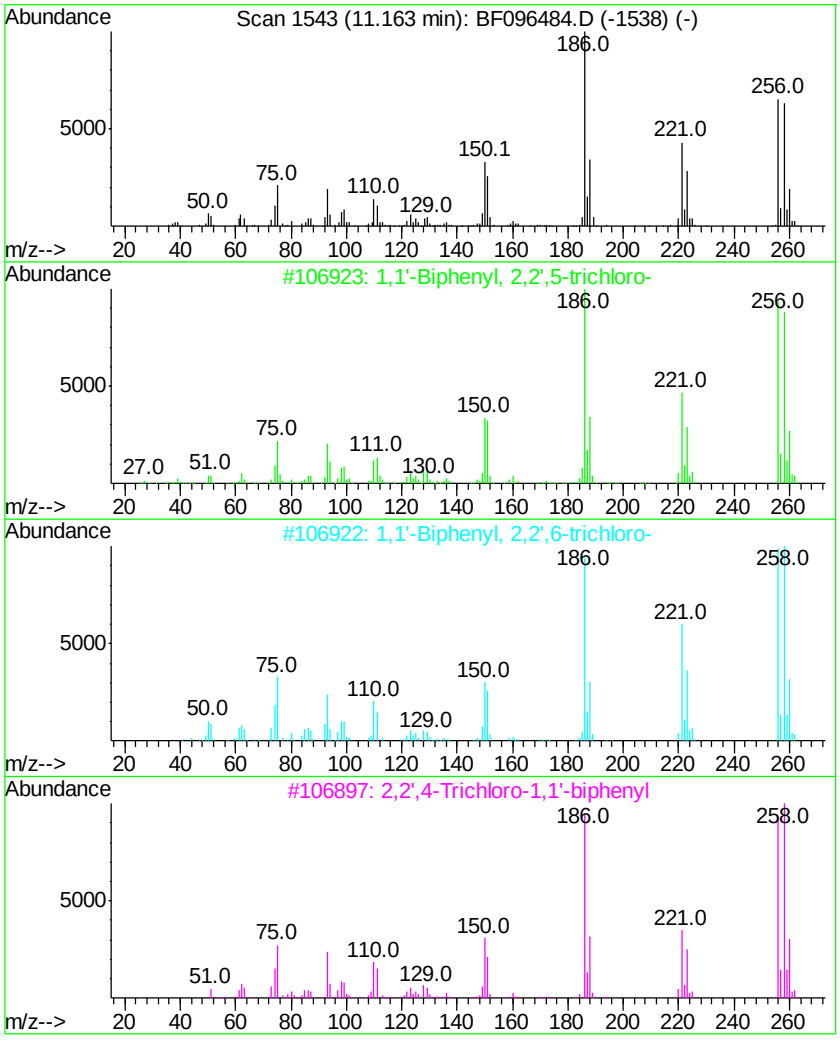
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

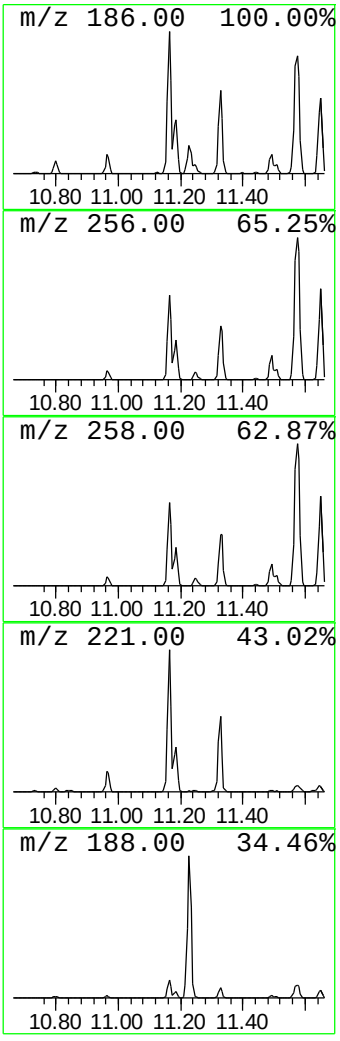
****

Peak Number 6 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	18.58 ng	751799	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	98
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	98
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

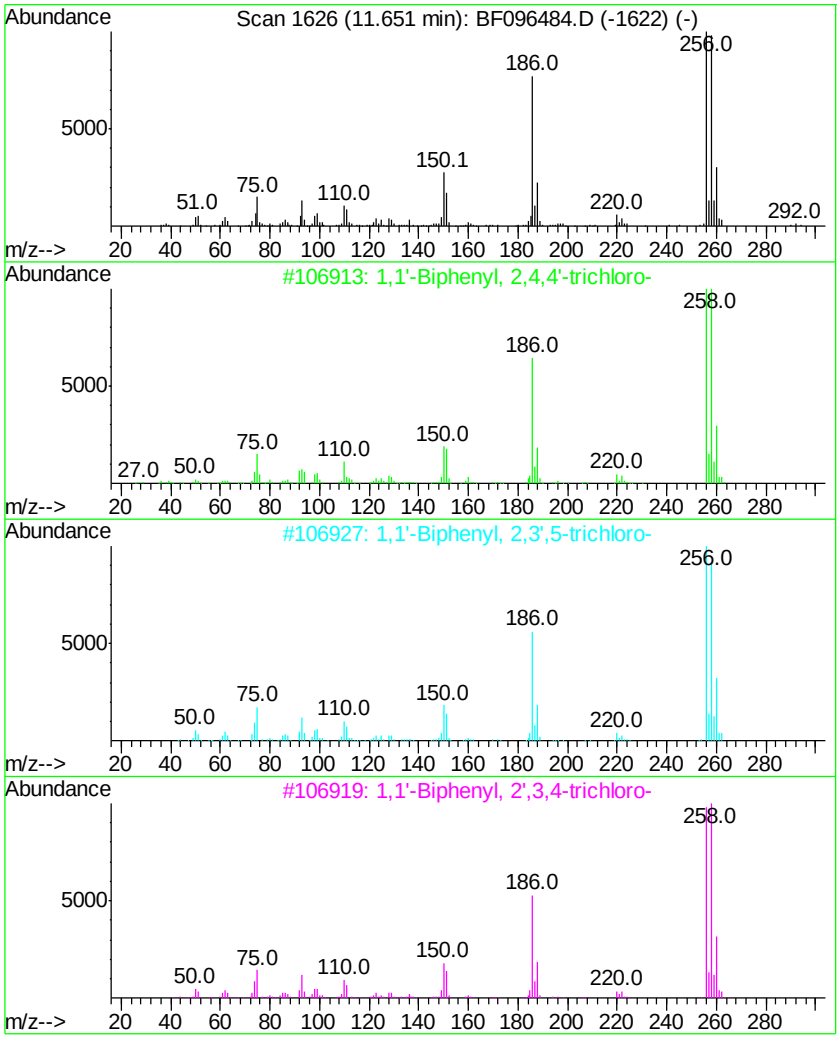
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

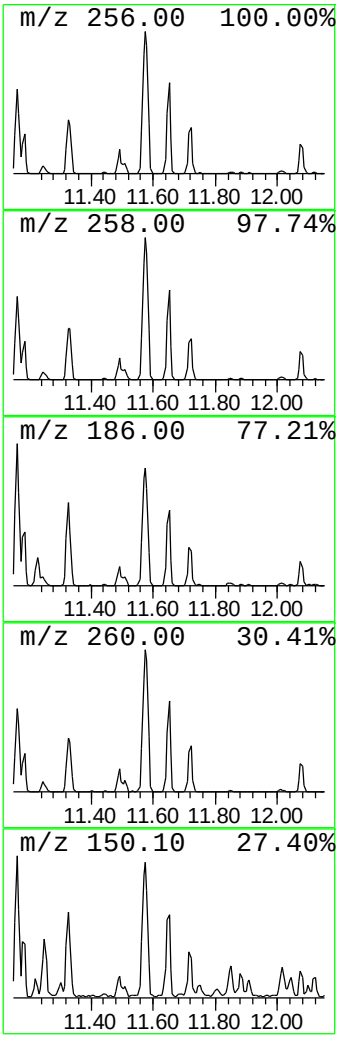
****

Peak Number 8 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	12.13 ng	490594	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

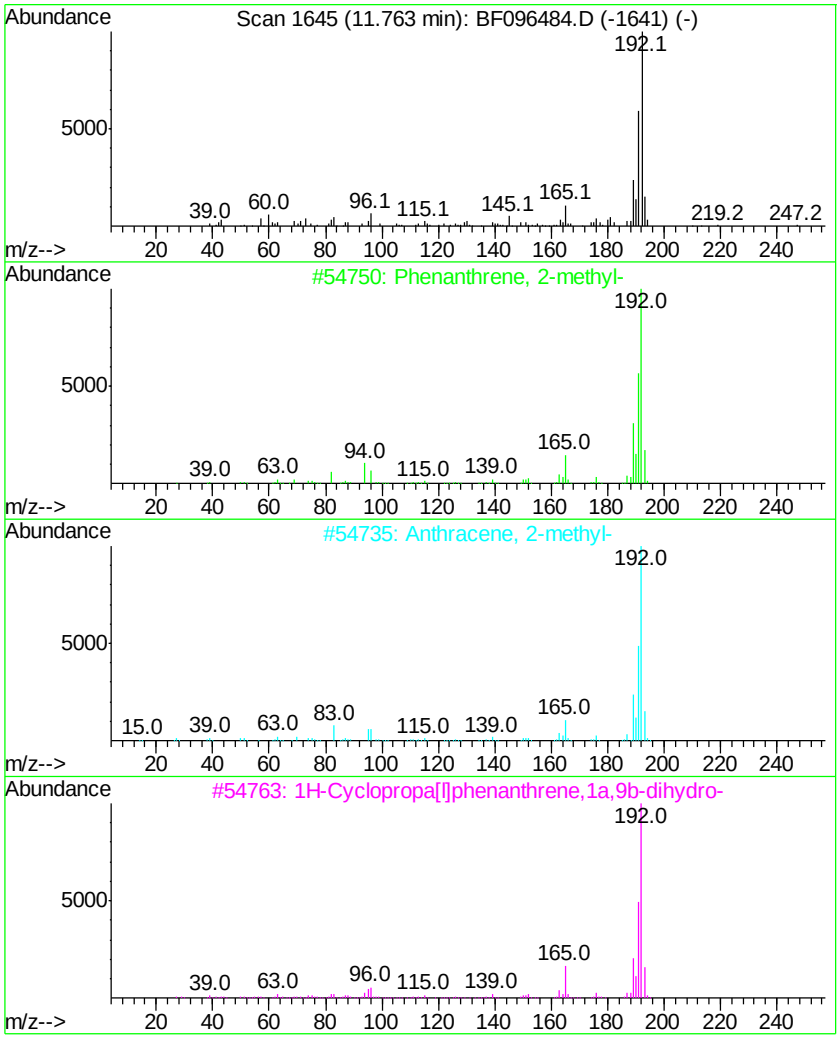
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

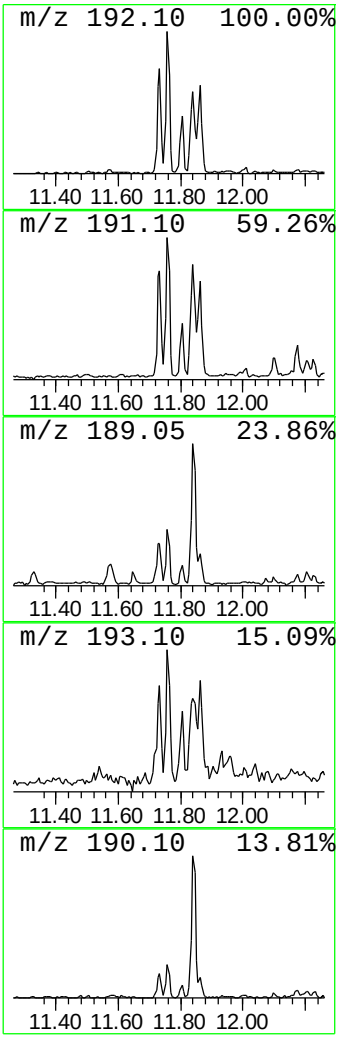
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.51 ng	182336	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

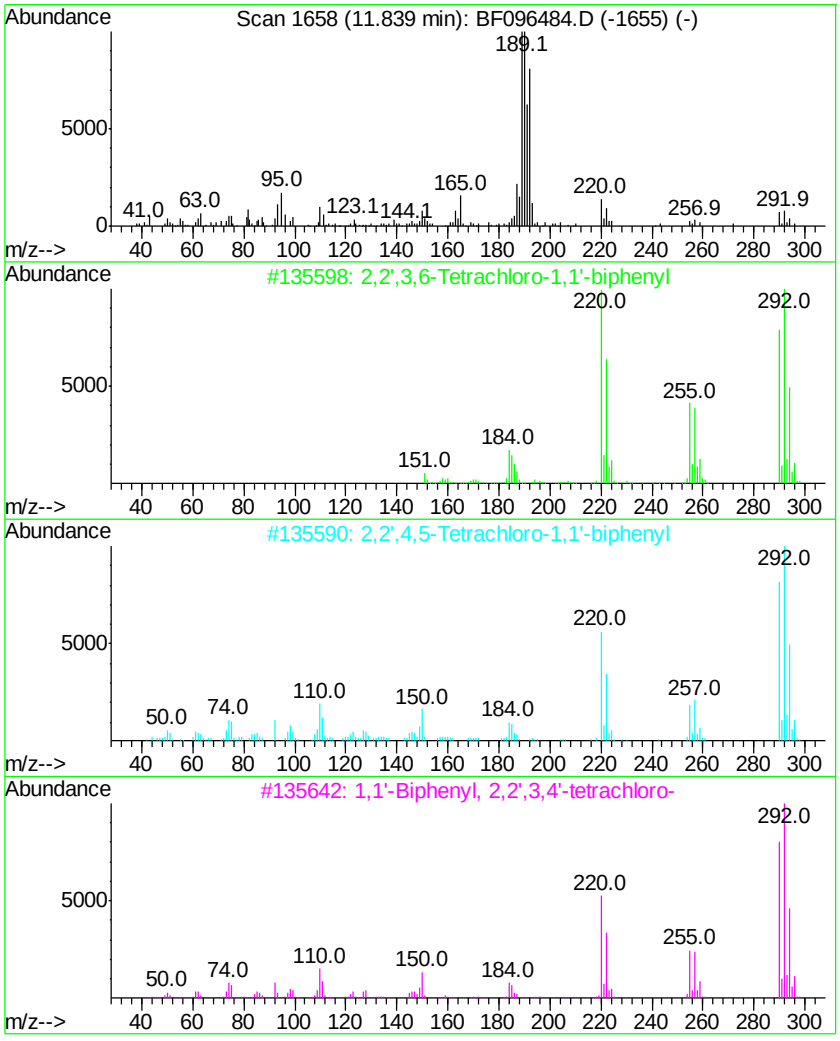
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

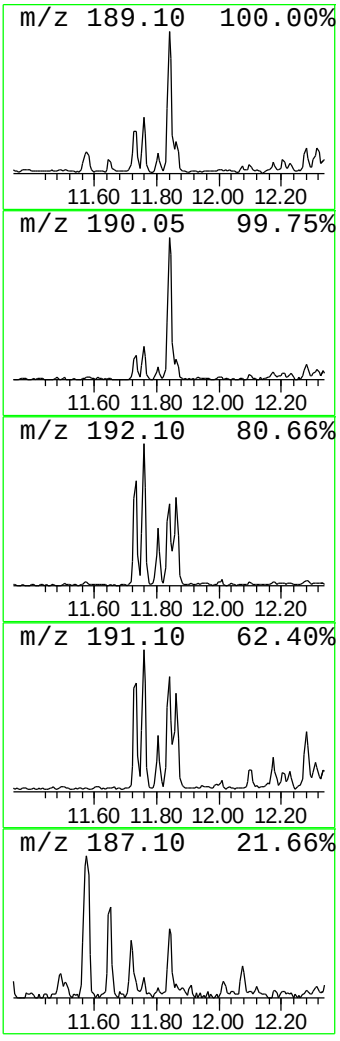
****

Peak Number 11 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	10.24 ng	414210	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	97
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	97
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	97
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

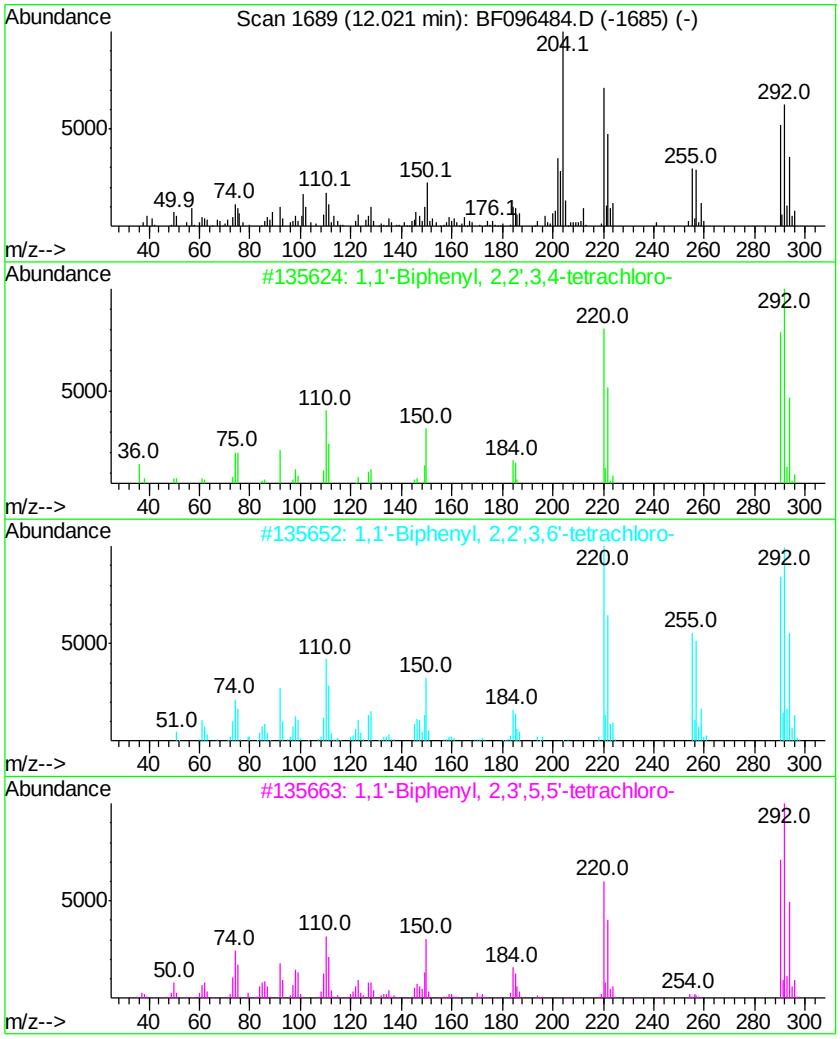
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

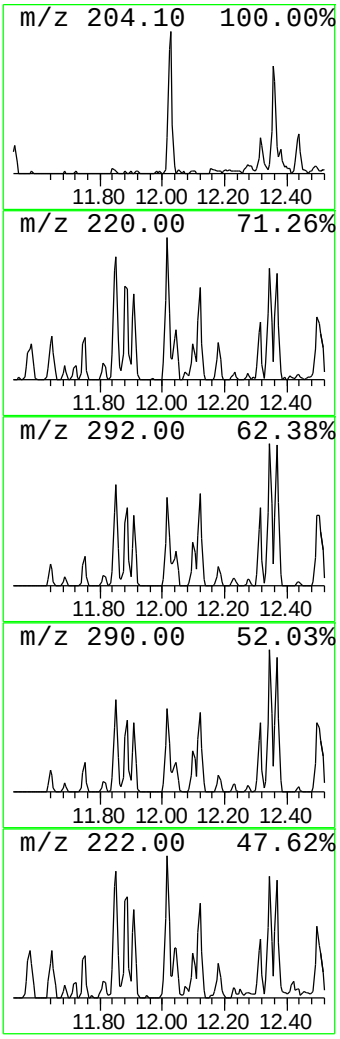
****

Peak Number 12 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.51 ng	263530	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

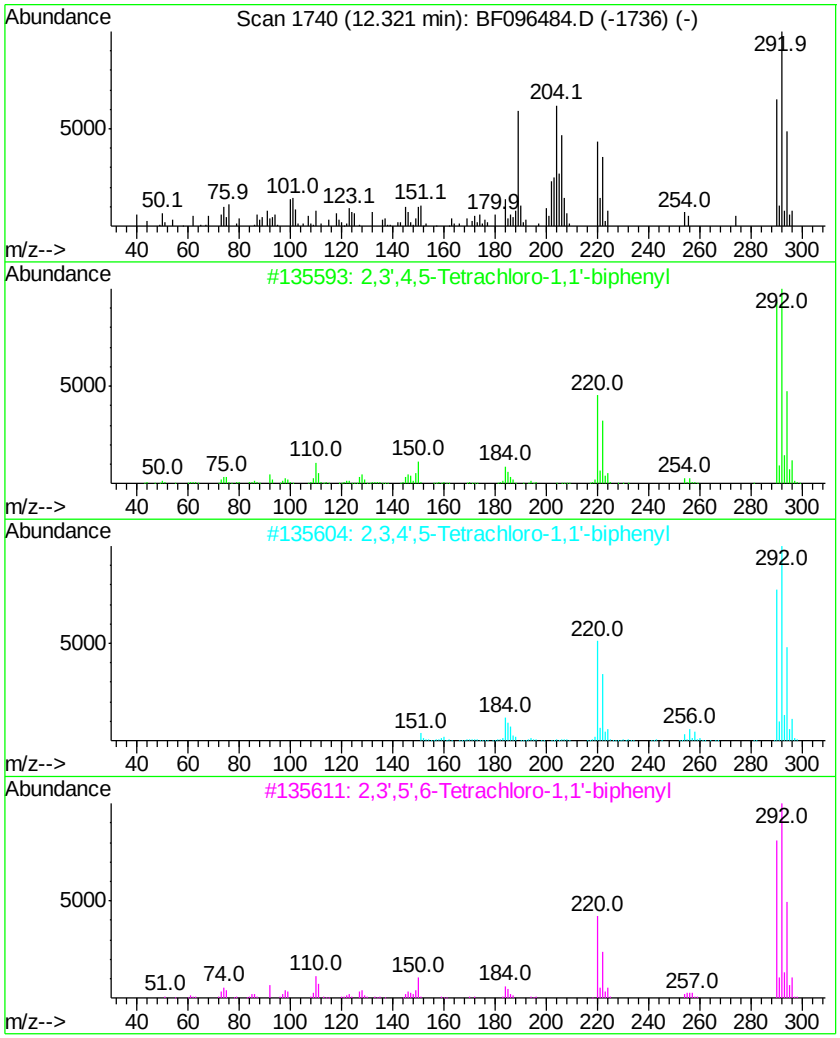
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

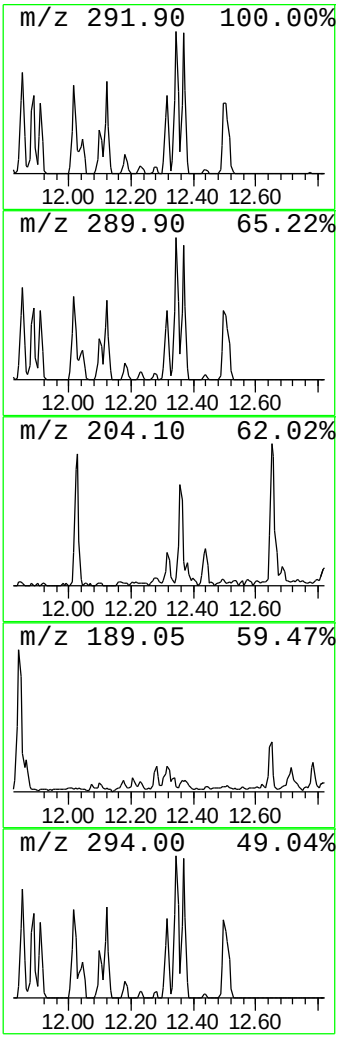
****

Peak Number 14 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	3.50 ng	141635	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
3	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

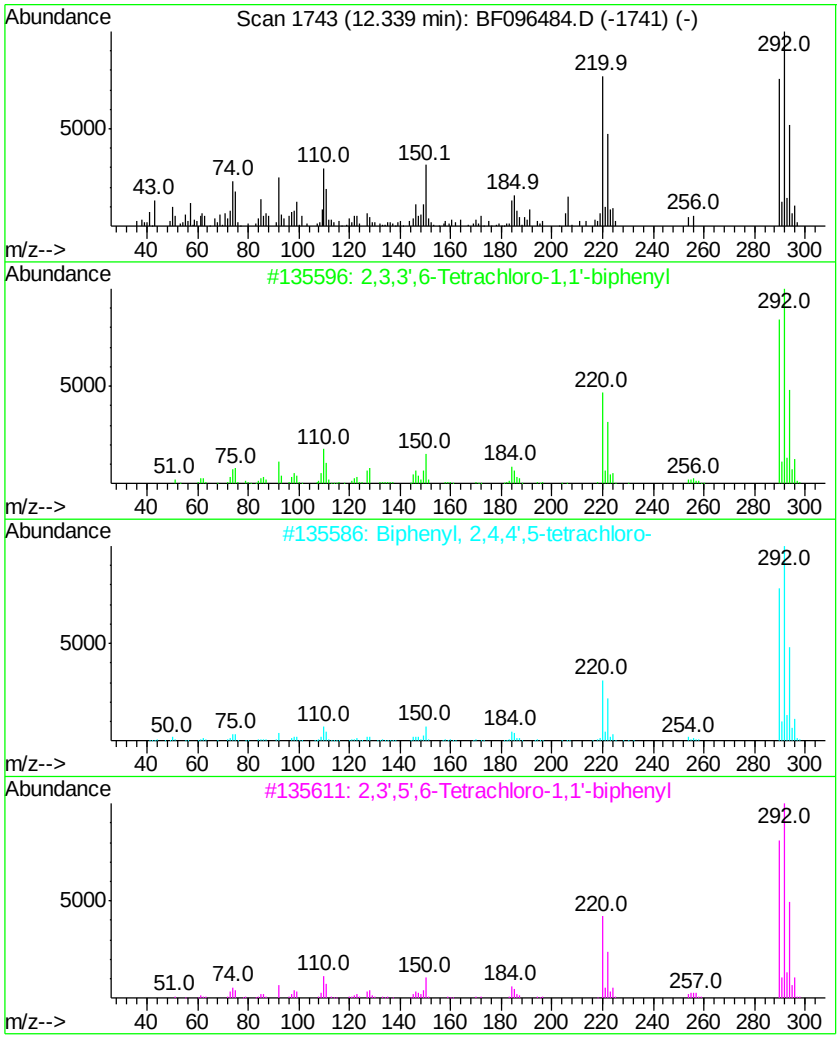
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

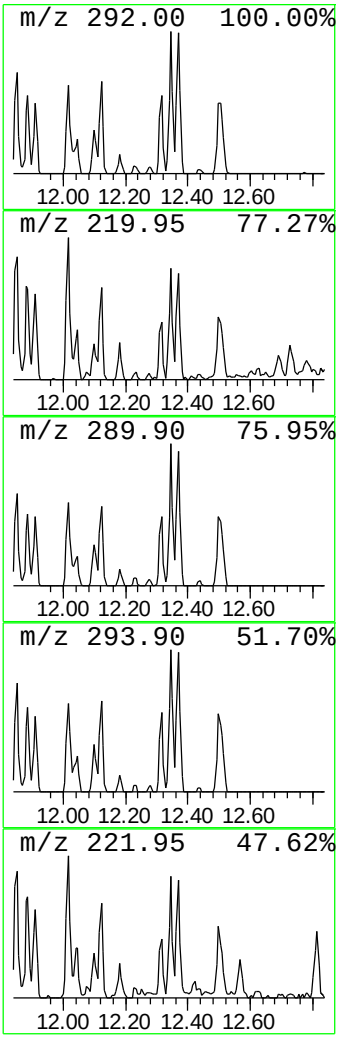
****

Peak Number 15 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	6.22 ng	251563	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

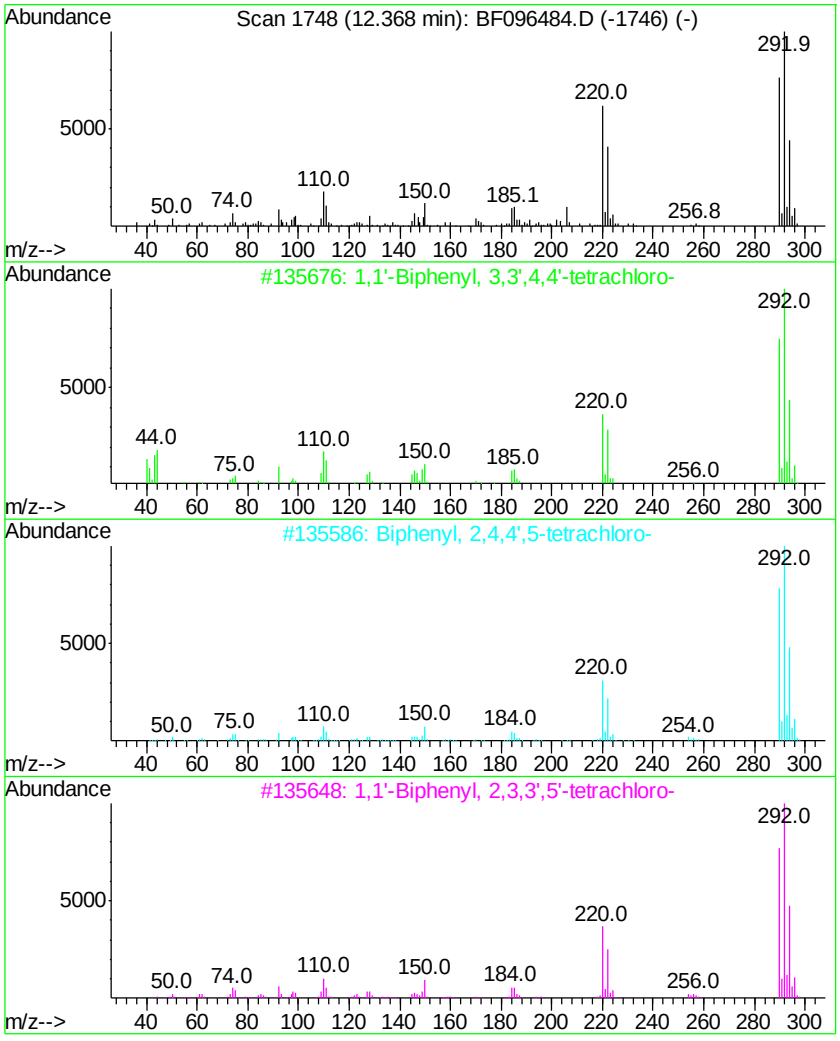
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

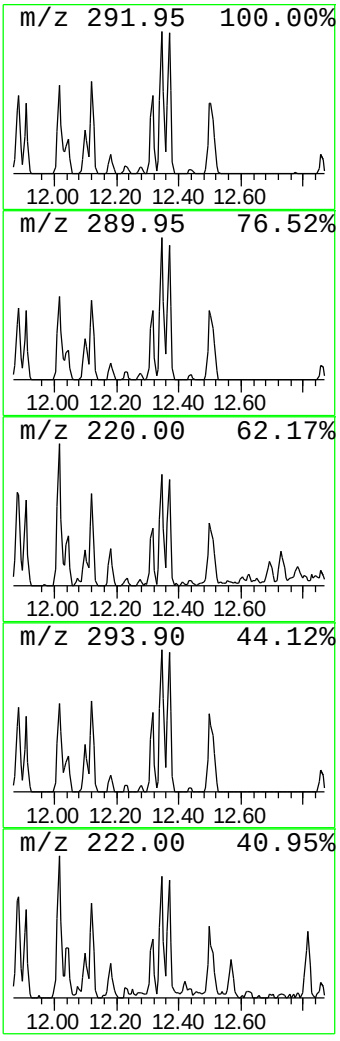
****

Peak Number 16 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.15 ng	208497	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

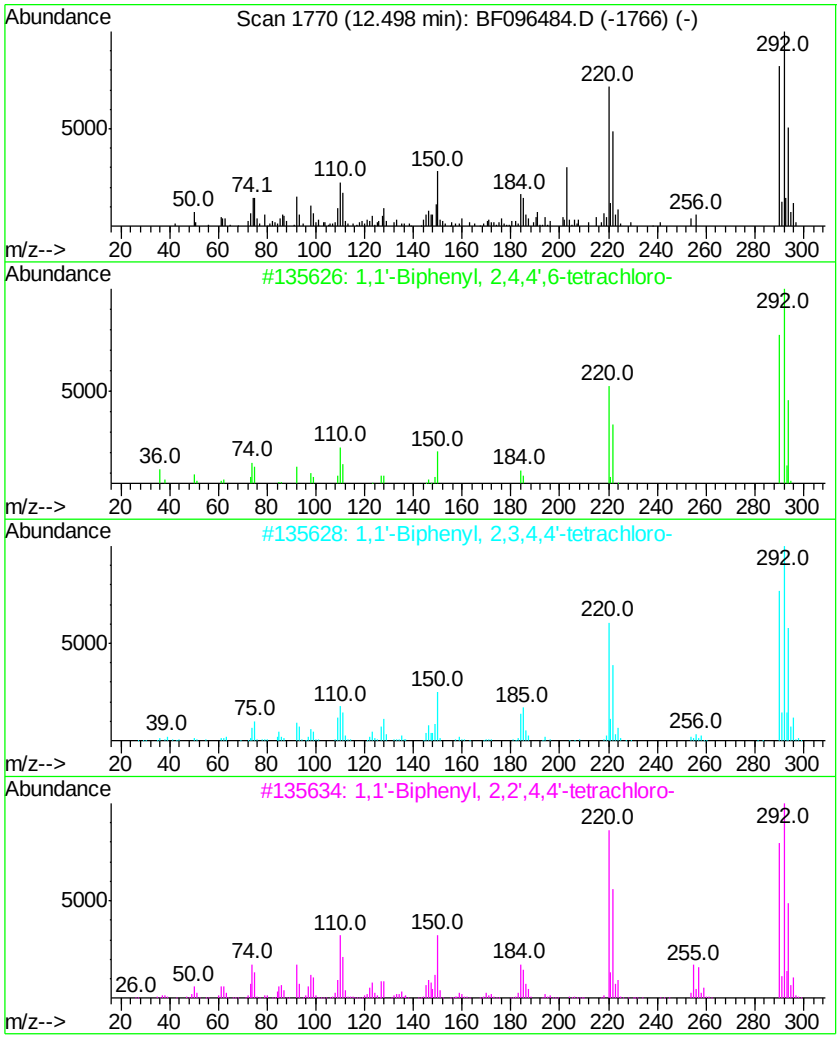
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

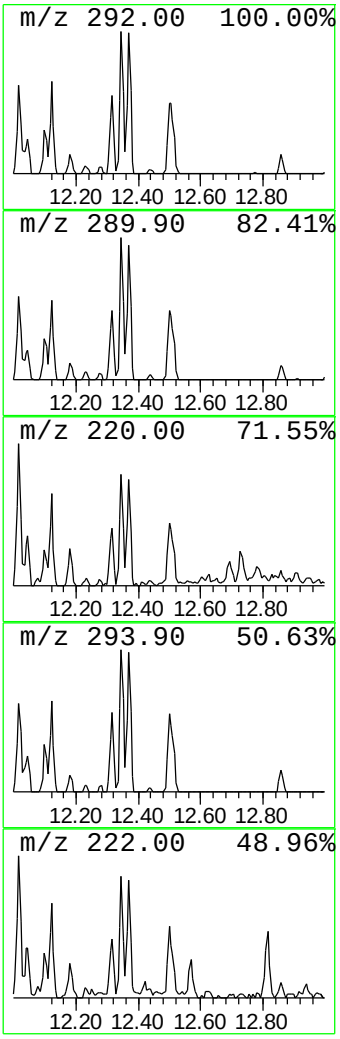
****

Peak Number 17 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.91 ng	198533	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
2	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

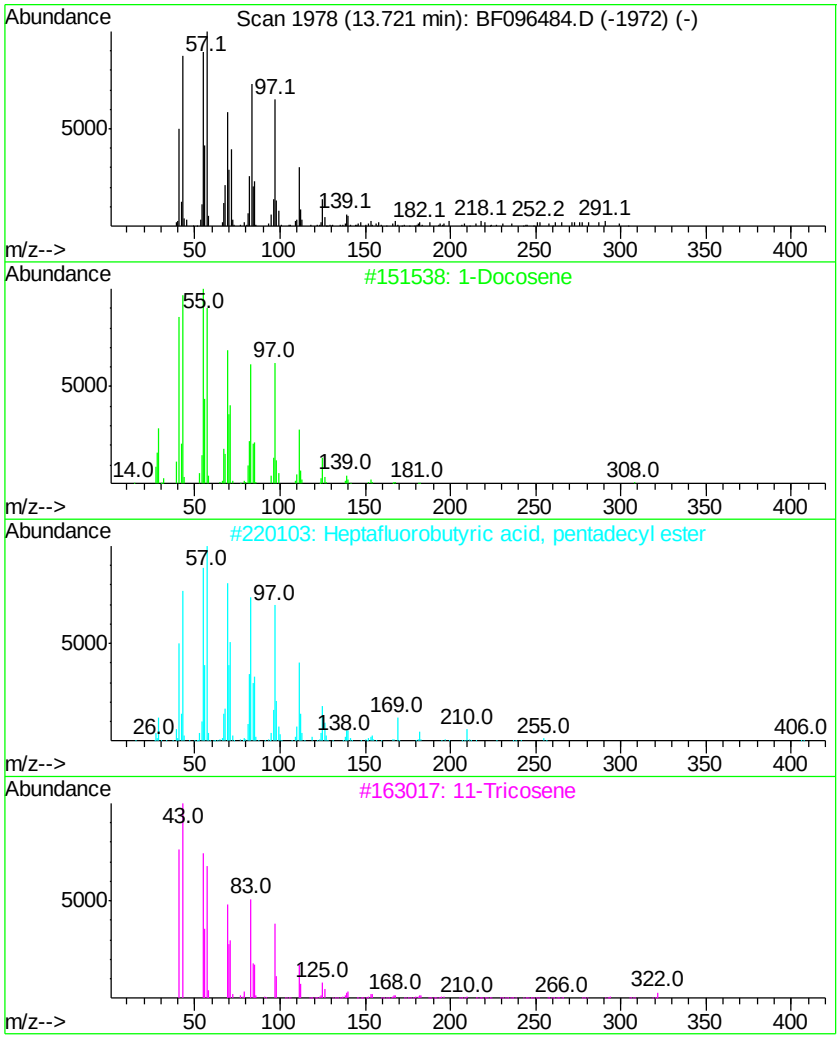
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

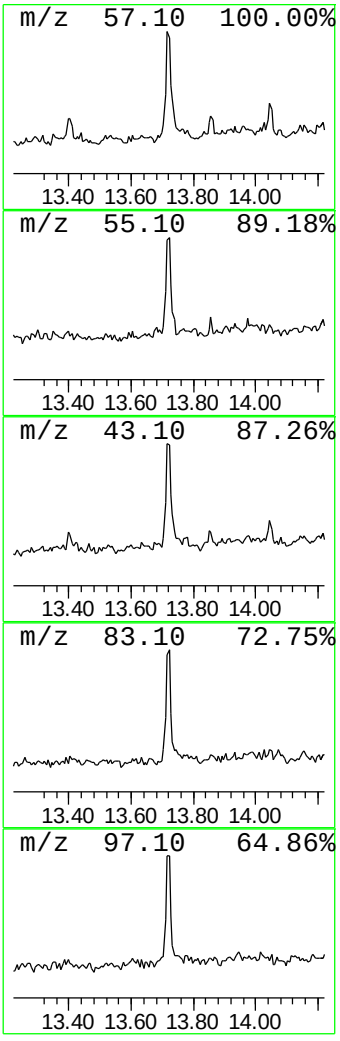
****

Peak Number 18 1-Docosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.36 ng	307020	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
3	11-Tricosene	322	C23H46	052078-56-5	87
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

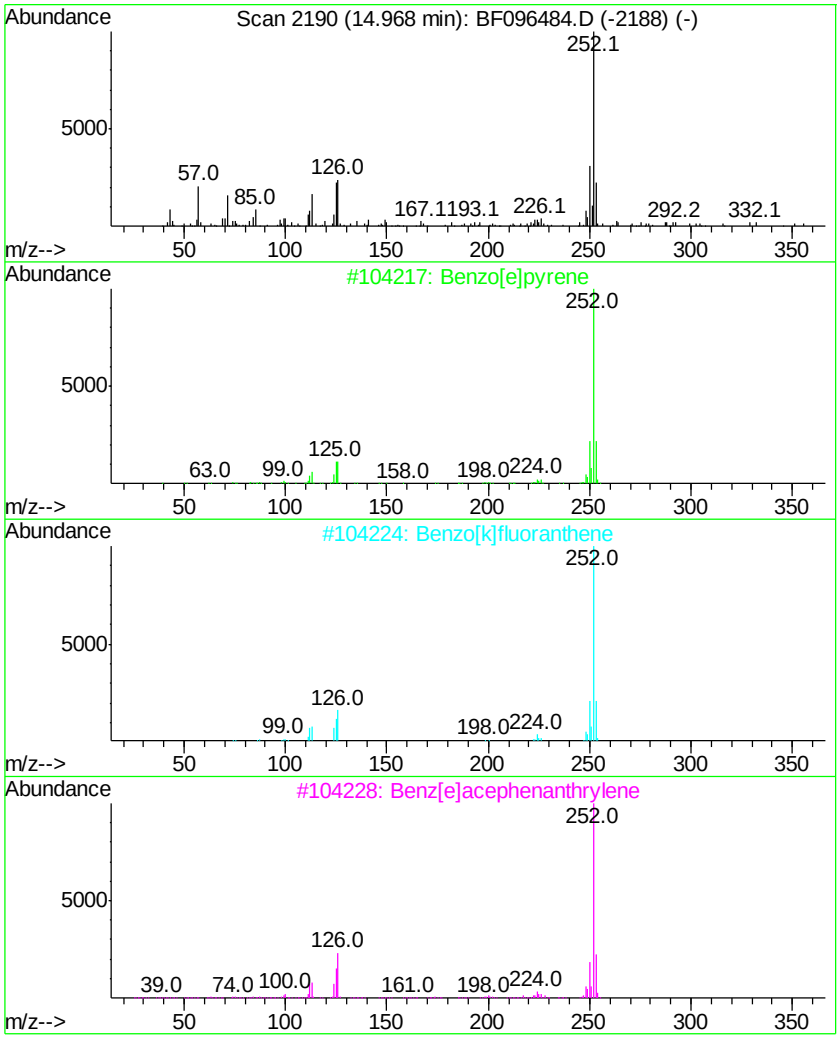
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

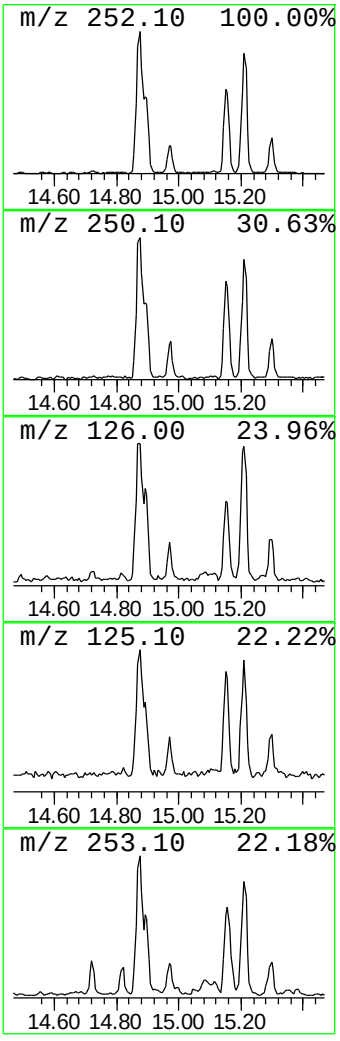
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.89 ng	106129	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
Data File : BF096484.D
Acq On : 5 Jul 2017 15:20
Operator : SJ/MA
Sample : I3871-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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
2-Pentanone, 4-hy...	4.90	17.0	ng	608313	1	6.71	714826	20.0
unknown6.48	6.48	81.7	ng	2919130	1	6.71	714826	20.0
1,1'-Biphenyl, 2,...	10.40	6.4	ng	299416	3	9.75	939952	20.0
1,1'-Biphenyl, 3,...	10.80	13.8	ng	559976	4	11.23	809107	20.0
1,1'-Biphenyl, 2,...	11.16	18.6	ng	751799	4	11.23	809107	20.0
1,1'-Biphenyl, 2,...	11.65	12.1	ng	490594	4	11.23	809107	20.0
Phenanthrene, 2-m...	11.76	4.5	ng	182336	4	11.23	809107	20.0
2,2',3,6-Tetrachl...	11.84	10.2	ng	414210	4	11.23	809107	20.0
1,1'-Biphenyl, 2,...	12.02	6.5	ng	263530	4	11.23	809107	20.0
2,3',4,5-Tetrachl...	12.32	3.5	ng	141635	4	11.23	809107	20.0
2,3,3',6-Tetrachl...	12.34	6.2	ng	251563	4	11.23	809107	20.0
1,1'-Biphenyl, 3,...	12.37	5.2	ng	208497	4	11.23	809107	20.0
1,1'-Biphenyl, 2,...	12.50	4.9	ng	198533	4	11.23	809107	20.0
1-Docosene	13.72	5.4	ng	307020	5	13.86	1146140	20.0
Benzo[e]pyrene	14.97	3.9	ng	106129	6	15.27	545963	20.0