LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

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-BF121918.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	4.004	321	326	332	rBV	231487	314856	3.23%	0.240%
2	5.122	508	516	524	rBV	232508	301155	3.09%	0.229%
3	5.504	577	581	582	rBV	118726	112418	1.15%	0.086%
4	5.540	582	587	590	rVB	3510672	3264081	33.53%	2.484%
5	6.545	753	758	762	rBV3	3189704	3674904	37.75%	2.797%
6	6.681	776	781	784	rBV	3690809	3299977	33.90%	2.512%
7	6.904	815	819	827	rBV	1238233	984400	10.11%	0.749%
8	7.063	842	846	849	rBV	3215361	2703243	27.77%	2.057%
9	7.310	884	888	895	rVB3	99653	122354	1.26%	0.093%
10	7.463	906	914	917	rBV	2289546	2054543	21.10%	1.564%
11	7.663	943	948	953	rBV	137622	147168	1.51%	0.112%
12	8.187	1029	1037	1040	rBV	1337465	1103809	11.34%	0.840%
13	8.939	1162	1165	1173	rVB	86678	109055	1.12%	0.083%
14	9.257	1215	1219	1222	rBV	3889852	3354915	34.46%	2.553%
15	9.357	1232	1236	1239	rVV3	133870	189296	1.94%	0.144%
16	9.392	1239	1242	1250	rVB	191481	209105	2.15%	0.159%
17	9.498	1256	1260	1268	rBV	360073	373295	3.83%	0.284%
18	9.651	1280	1286	1287	rBV	402876	469870	4.83%	0.358%
19	9.851	1318	1320	1326	rVB3	142059	151844	1.56%	0.116%
20	9.939	1330	1335	1339	rBV2	1310285	1154213	11.86%	0.878%
21	10.104	1360	1363	1366	rBV	346363	281433	2.89%	0.214%
22	10.145	1366	1370	1372	rVV	117248	107613	1.11%	0.082%
23	10.345	1401	1404	1407	rBV2	98116	130001	1.34%	0.099%
24	10.728	1465	1469	1473	rBV	2387156	2163615	22.22%	1.647%
25	10.845	1486	1489	1493	rBV4	85997	138199	1.42%	0.105%
26	10.928	1498	1503	1506	rBV3	154378	196543	2.02%	0.150%
27	10.969	1507	1510	1514	rVV	351002	298603	3.07%	0.227%
28	11.039	1519	1522	1525	rVB	196324	138262	1.42%	0.105%
29	11.092	1525	1531	1534	rBV4	424744	593494	6.10%	0.452%
30	11.133	1534	1538	1543	rBV2	547775	646462	6.64%	0.492%
31	11.180	1544	1546	1552	rVB3	142471	133763	1.37%	0.102%
32	11.251	1555	1558	1560	rBV2	245831	214445	2.20%	0.163%
33	11.380	1577	1580	1581	rBV2	297915	312225	3.21%	0.238%
34	11.398	1581	1583	1585	rVV	642077	601277	6.18%	0.458%

LSC Area Percent Report

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Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.428	1585	1588	1591	rVV	1394882	1296496	13.32%	0.987%
36	11.475	1591	1596	1601	rVB4	1137433	1504577	15.45%	1.145%
37	11.539	1601	1607	1612	rBV4	673750	960235	9.86%	0.731%
38	11.580	1612	1614	1620	rVV	563045	590294	6.06%	0.449%
39	11.628	1620	1622	1623	rVV	203133	162859	1.67%	0.124%
40	11.651	1623	1626	1630	rVB	684916	662219	6.80%	0.504%
41	11.763	1643	1645	1648	rBV4	134006	161148	1.66%	0.123%
42	11.833	1655	1657	1659	rVB3	187754	145543	1.49%	0.111%
43	11.886	1663	1666	1669	rVV3	222271	234793	2.41%	0.179%
44	11.922	1669	1672	1675	rVV2	255393	350525	3.60%	0.267%
45	11.963	1675	1679	1684	rVB	1488174	1495894	15.37%	1.138%
46	12.045	1690	1693	1695	rVB	753202	636934	6.54%	0.485%
47	12.080	1695	1699	1701	rVV2	636105	658592	6.76%	0.501%
48	12.104	1701	1703	1705	rVV	265785	216443	2.22%	0.165%
49	12.133	1705	1708	1714	rVB3	429083	488491	5.02%	0.372%
50	12.210	1719	1721	1723	rVB	326563	222250	2.28%	0.169%
51	12.292	1732	1735	1737	rBV2	749080	690183	7.09%	0.525%
52	12.316	1737	1739	1742	rVV	349457	286737	2.95%	0.218%
53	12.351	1743	1745	1747	rVV2	209783	203065	2.09%	0.155%
54	12.375	1747	1749	1753	rVB2	324263	286943	2.95%	0.218%
55	12.469	1763	1765	1768	rBV2	221079	174351	1.79%	0.133%
56	12.516	1770	1773	1775	rVV	516089	451946	4.64%	0.344%
57	12.557	1775	1780	1785	rVB3	2264582	3082492	31.66%	2.346%
58	12.692	1800	1803	1808	rVB2	1071706	1149330	11.81%	0.875%
59	12.739	1808	1811	1815	rBV	2656128	2442968	25.09%	1.859%
60	12.898	1834	1838	1845	rBV3	529906	774473	7.96%	0.589%
61	12.957	1845	1848	1851	rVB	396855	319267	3.28%	0.243%
62	13.016	1854	1858	1863	rVB	4066693	4850752	49.83%	3.692%
63	13.110	1871	1874	1877	rBV	2317206	2057138	21.13%	1.566%
64	13.139	1877	1879	1886	rVB2	979532	1276733	13.11%	0.972%
65	13.210	1886	1891	1894	rBV	5232120	5612709	57.65%	4.272%
66	13.245	1894	1897	1901	rVB2	1380512	1546354	15.88%	1.177%
67	13.286	1902	1904	1908	rBV2	453464	373121	3.83%	0.284%
68	13.339	1910	1913	1915	rBV	829486	774243	7.95%	0.589%
69	13.398	1919	1923	1926	rBV	5235355	5545801	56.97%	4.221%
70	13.427	1926	1928	1930	rVB	1430873	1045757	10.74%	0.796%
71	13.498	1937	1940	1944	rVB2	2749923	2656748	27.29%	2.022%

LSC Area Percent Report

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Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.563	1948	1951	1953	rBV2	664225	631723	6.49%	0.481%
73	13.610	1953	1959	1963	rVV2	3358135	5206999	53.49%	3.963%
74	13.645	1963	1965	1967	rVB	578704	419229	4.31%	0.319%
75	13.716	1973	1977	1980	rVB2	3360180	3188012	32.75%	2.426%
76	13.757	1981	1984	1987	rBV	1659082	1344040	13.81%	1.023%
77	13.821	1992	1995	1997	rBV	434086	403350	4.14%	0.307%
78	13.845	1997	1999	2004	rVB2	374619	358018	3.68%	0.272%
79	13.910	2005	2010	2013	rBV3	4868996	8765040	90.03%	6.671%
80	13.974	2018	2021	2023	rVB2	711077	789011	8.10%	0.600%
81	14.074	2036	2038	2040	rVB	1133237	808798	8.31%	0.616%
82	14.110	2040	2044	2047	rBV	4562038	4586140	47.11%	3.490%
83	14.233	2062	2065	2066	rBV	570734	523035	5.37%	0.398%
84	14.280	2070	2073	2077	rVB2	587928	586624	6.03%	0.446%
85	14.327	2077	2081	2083	rBV	2008859	2146549	22.05%	1.634%
86	14.363	2083	2087	2090	rVV3	1052104	1385543	14.23%	1.054%
87	14.416	2093	2096	2098	rBV	994008	824798	8.47%	0.628%
88	14.545	2114	2118	2124	rBV3	6573164	9735390	100.00%	7.409%
89	14.727	2146	2149	2151	rVB	508764	466210	4.79%	0.355%
90	14.786	2157	2159	2164	rVB2	923764	957691	9.84%	0.729%
91	14.874	2172	2174	2180	rVB2	895260	944062	9.70%	0.718%
92	14.998	2192	2195	2200	rVB	1183305	1236156	12.70%	0.941%
93	15.204	2226	2230	2232	rBV	2025605	2668645	27.41%	2.031%
94	15.227	2232	2234	2240	rVB2	1894325	2219542	22.80%	1.689%
95	15.280	2241	2243	2247	rVB	673234	753562	7.74%	0.574%
96	15.798	2328	2331	2335	rBV	659832	816406	8.39%	0.621%
97	16.045	2369	2373	2377	rVB	1047838	1522718	15.64%	1.159%
98	16.092	2378	2381	2386	rVB2	541192	770295	7.91%	0.586%
99	16.168	2390	2394	2398	rVB	770603	1022311	10.50%	0.778%
100	17.368	2594	2598	2603	rVB	558286	874938	8.99%	0.666%

Sum of corrected areas: 131393675

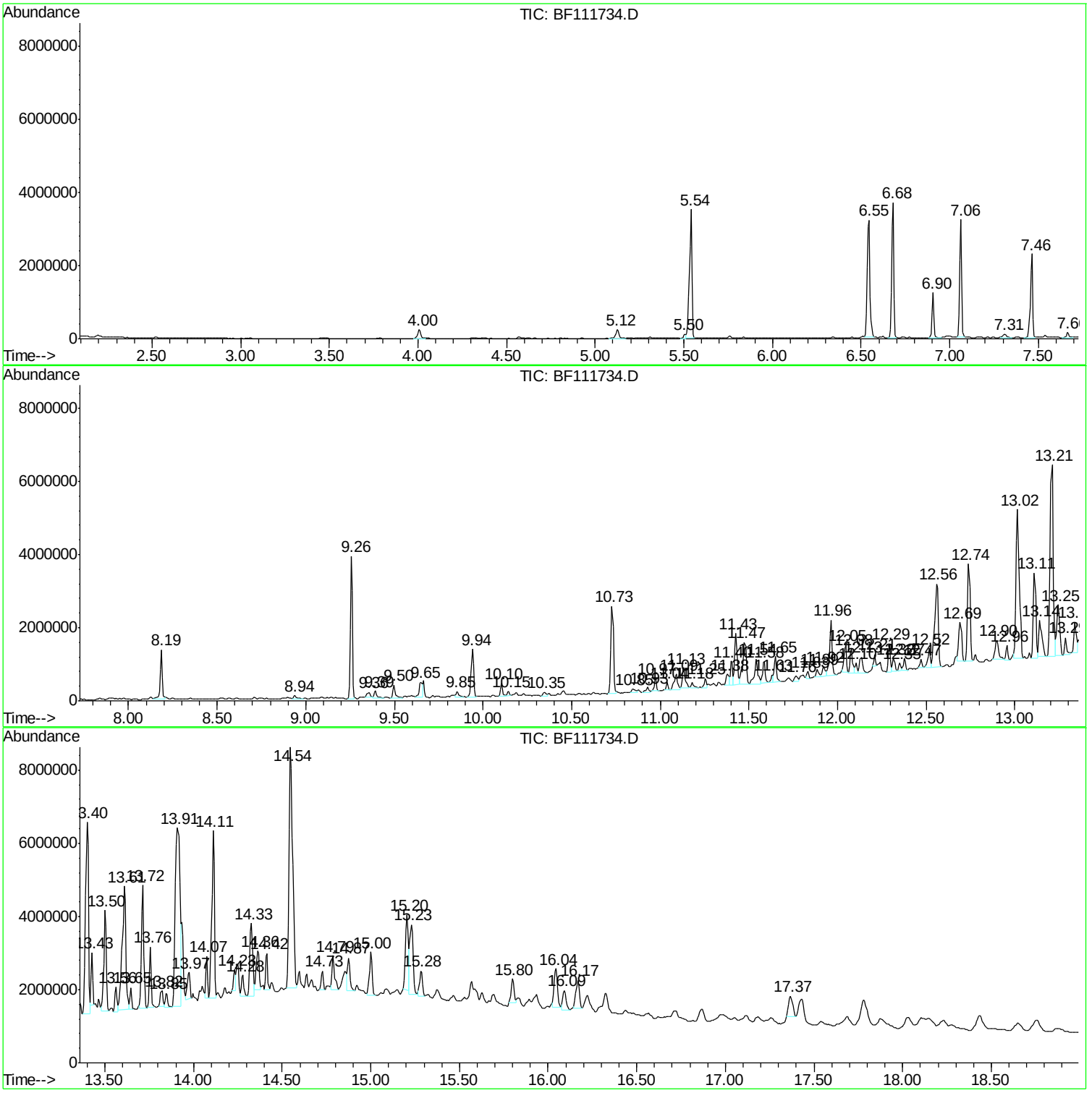
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

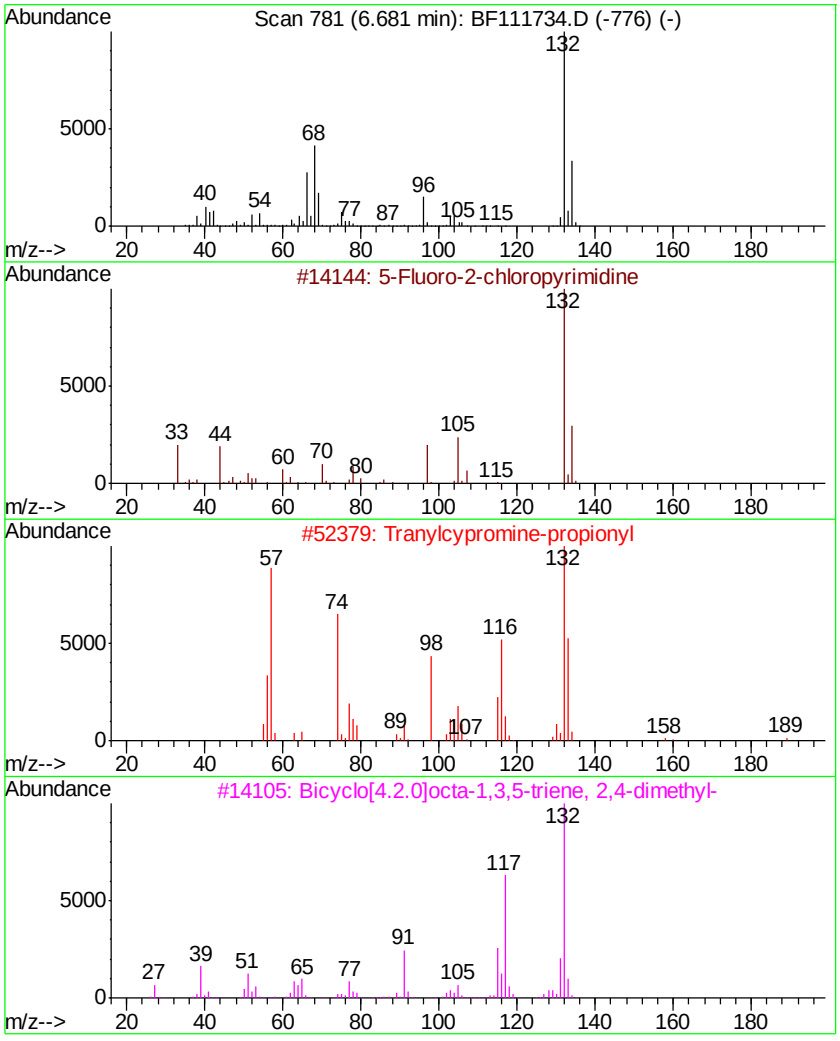
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

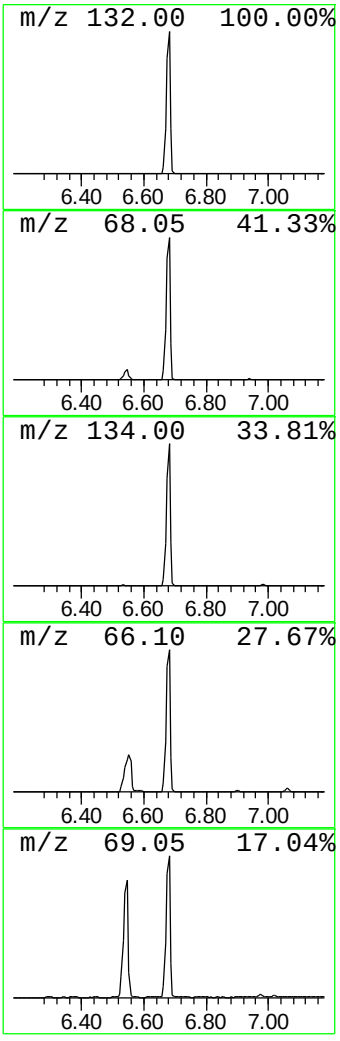
****

Peak Number 1 unknown6.68 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	67.05 ng	3299980	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

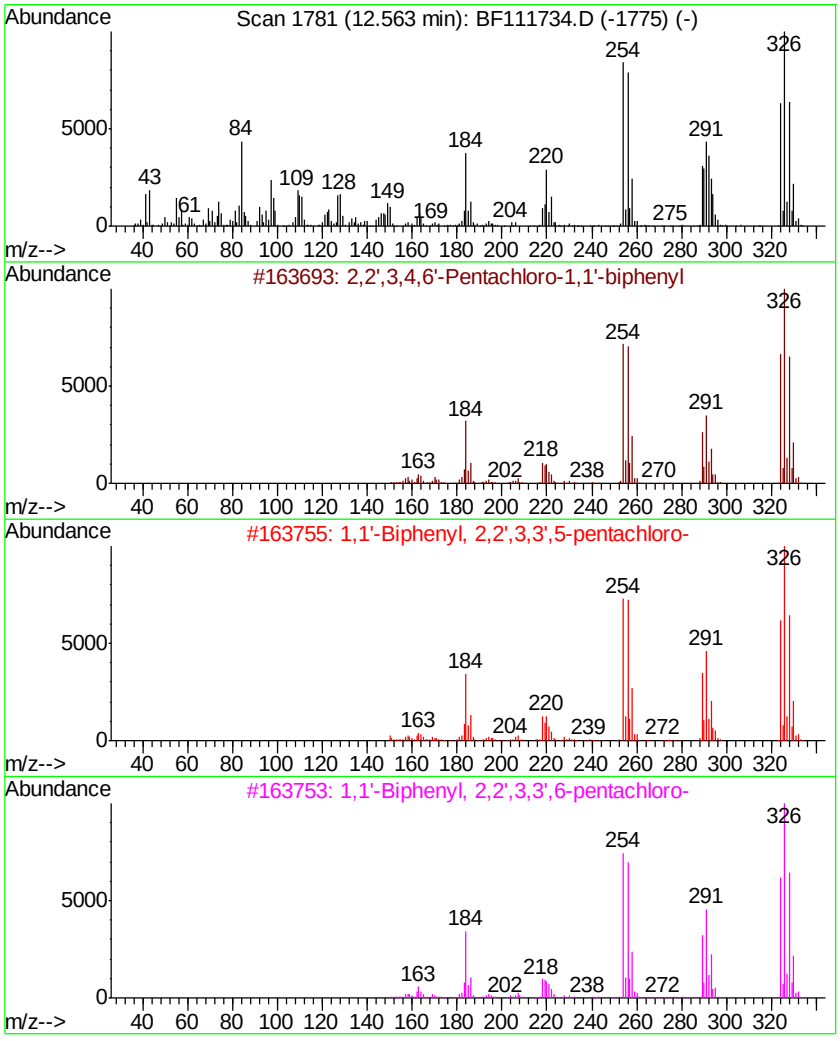
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

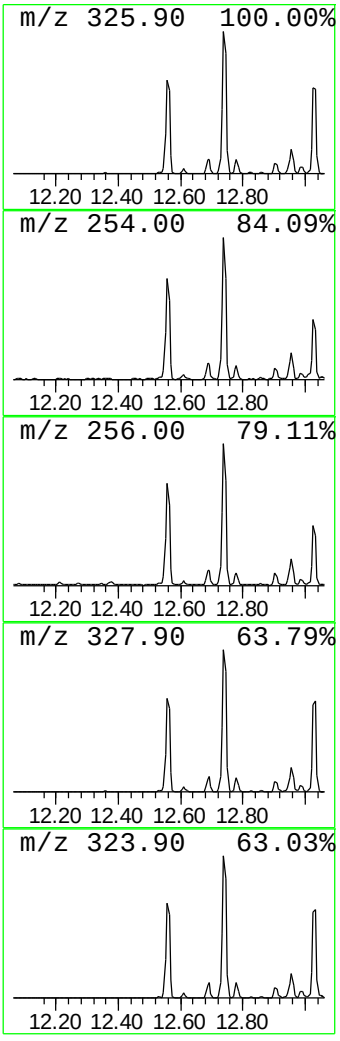
****

Peak Number 3 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	47.55 ng	3082490	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
2	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
4	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Acq On : 27 Dec 2018 00:40
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

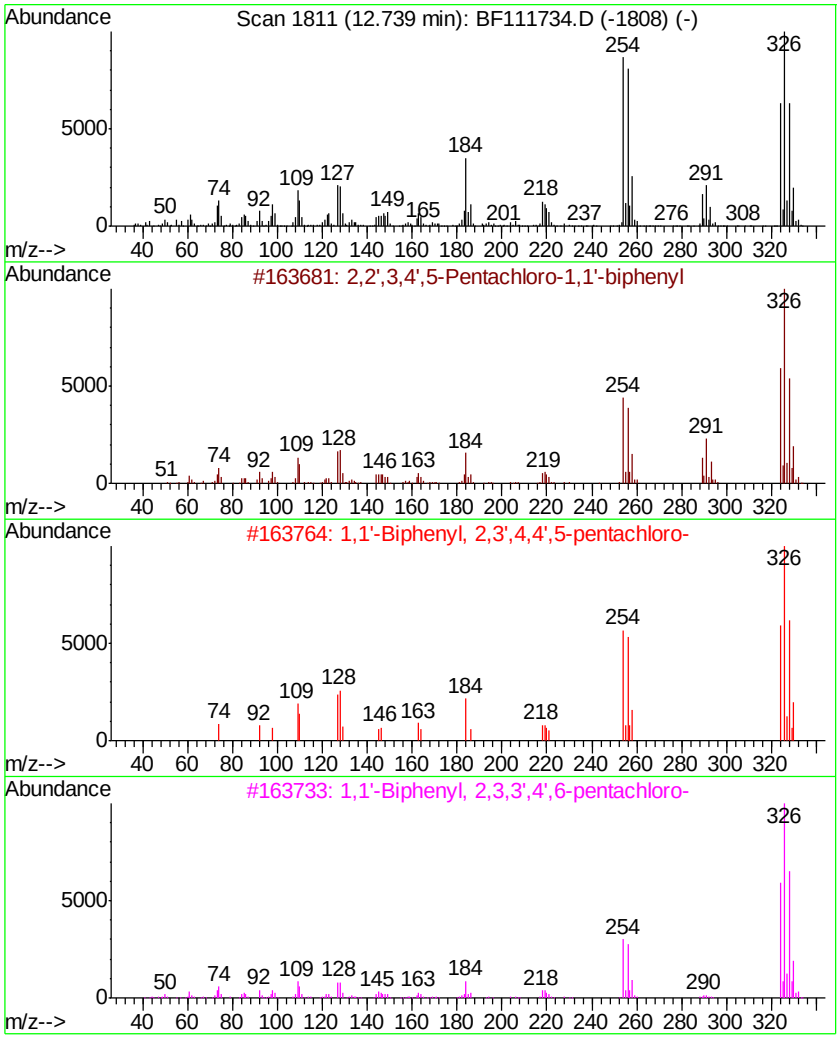
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

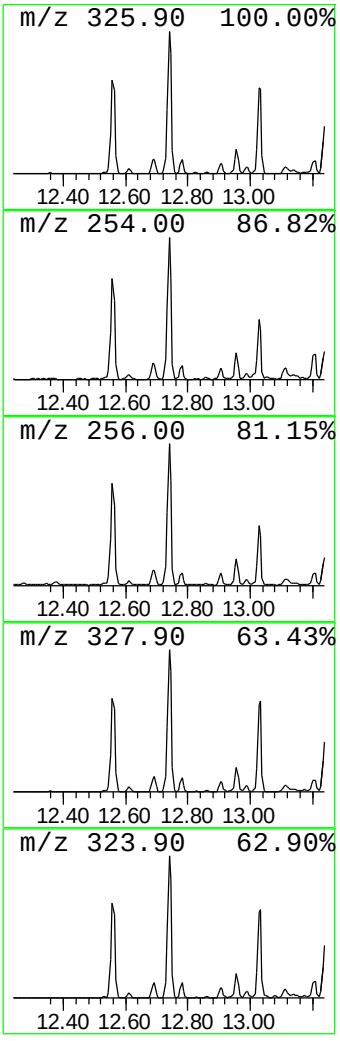
****

Peak Number 4 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	37.69 ng	2442970	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

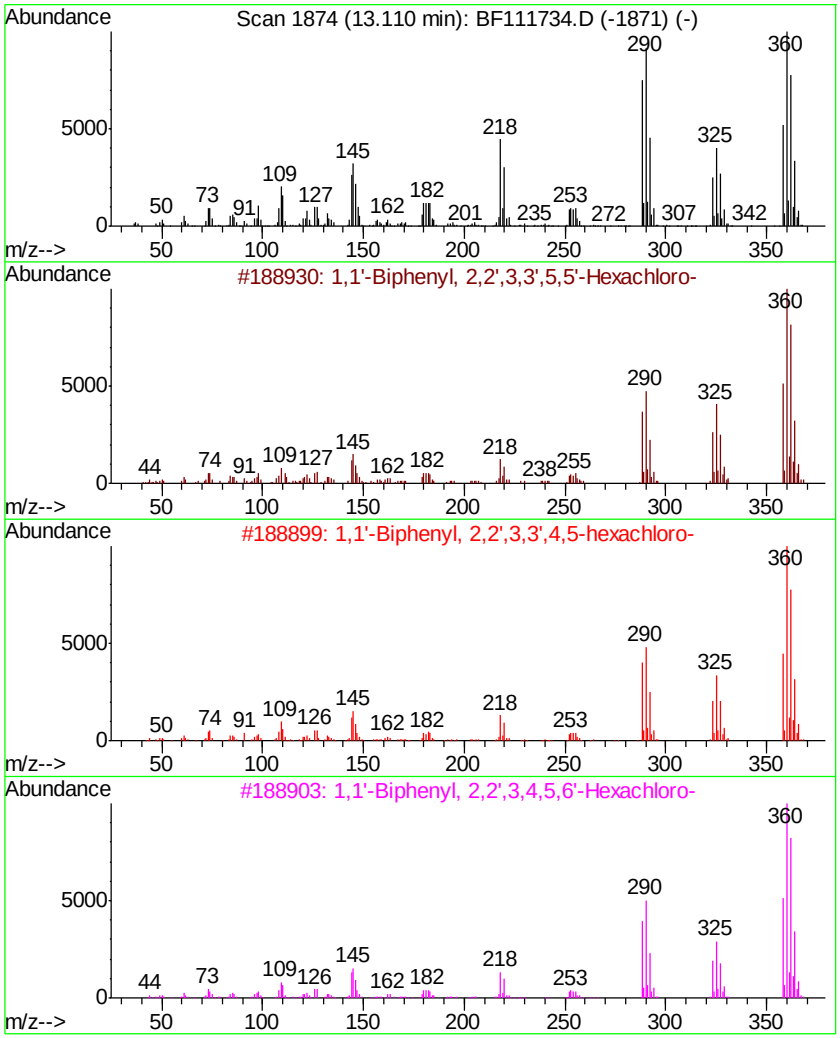
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

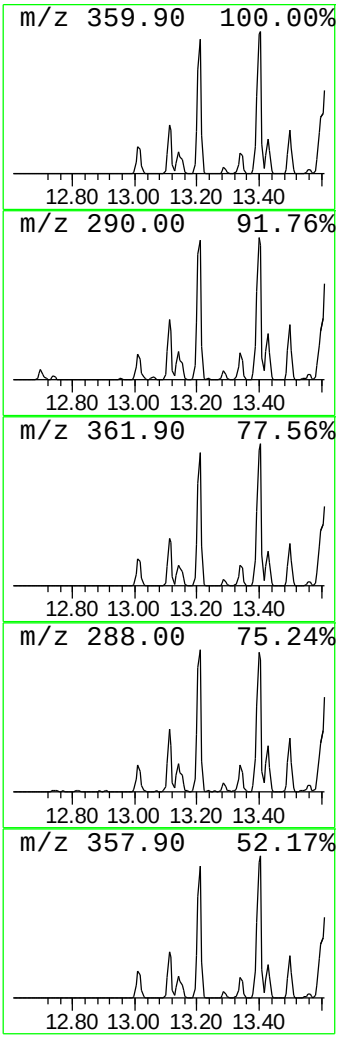
****

Peak Number 5 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	50.87 ng	2057140	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

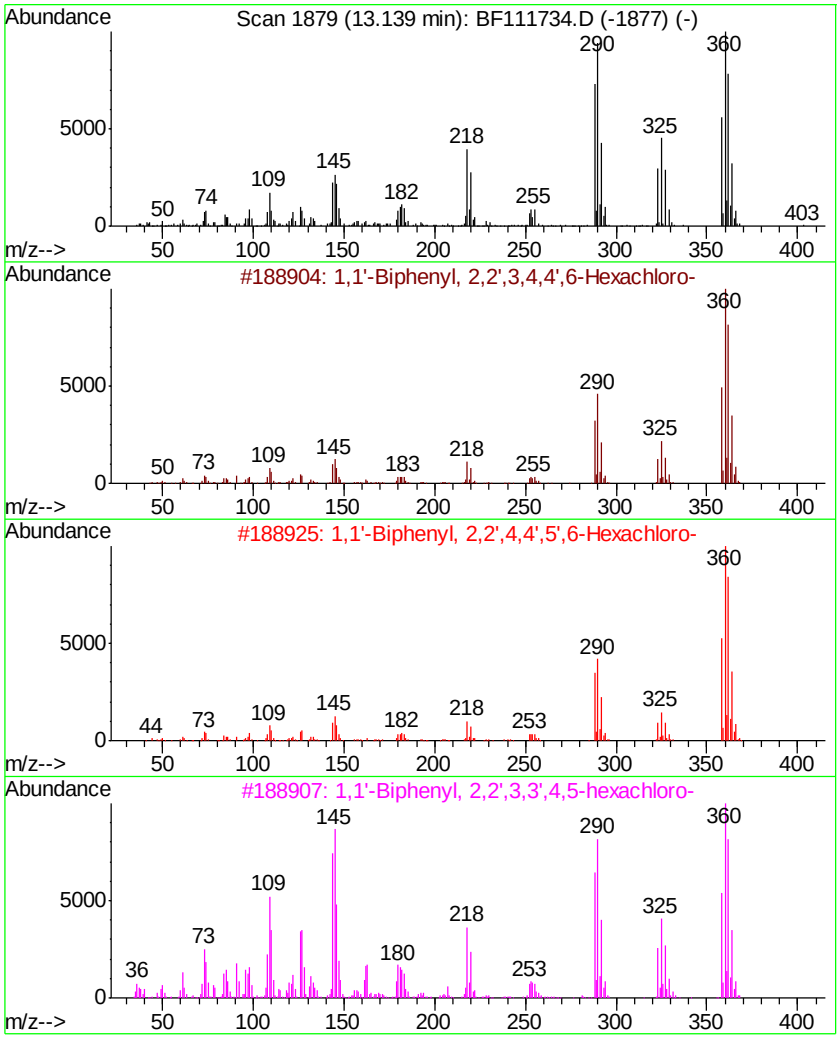
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

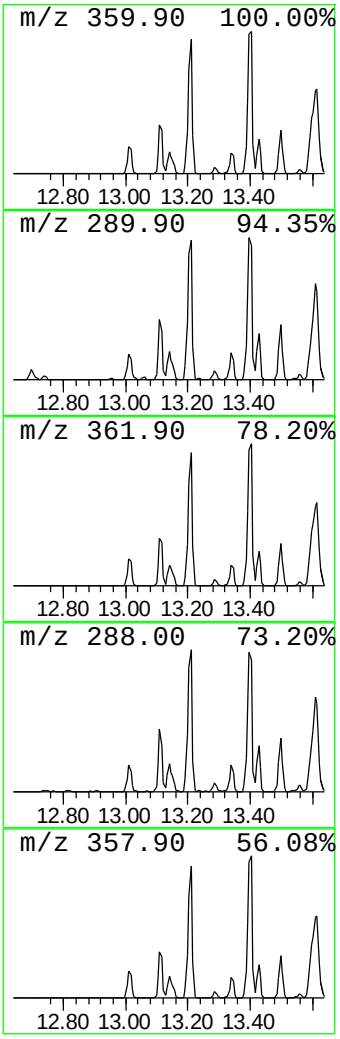
****

Peak Number 6 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	31.57 ng	1276730	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99





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Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

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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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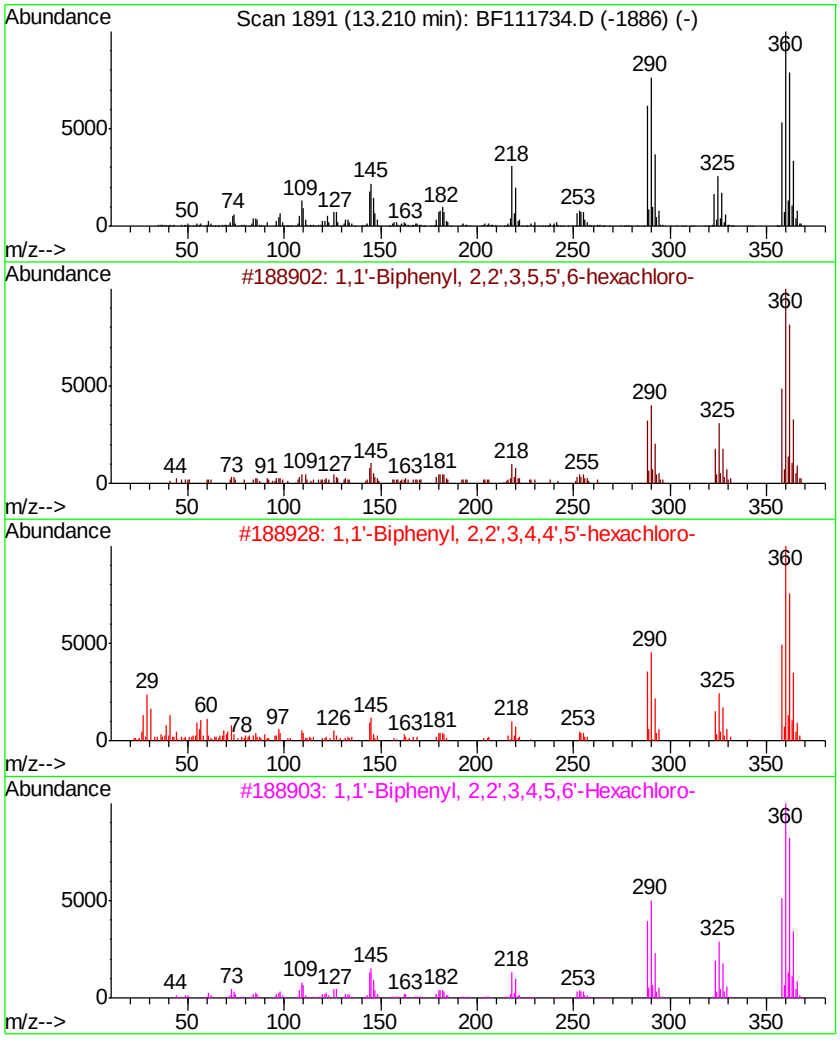
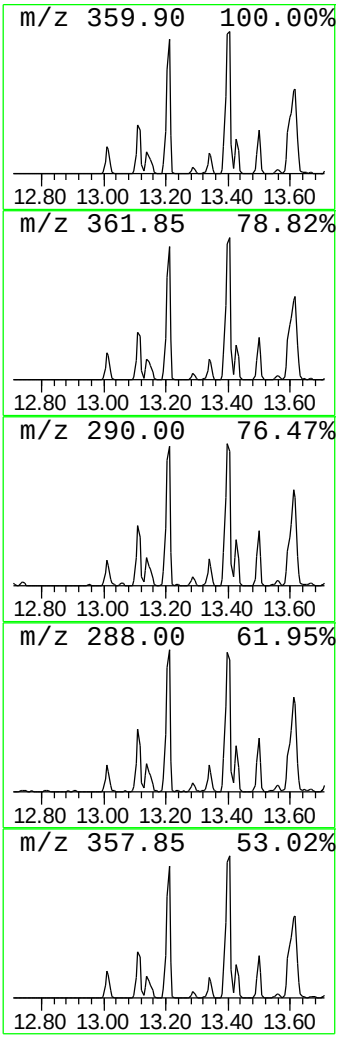
Peak Number 7 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	138.79 ng	5612710	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





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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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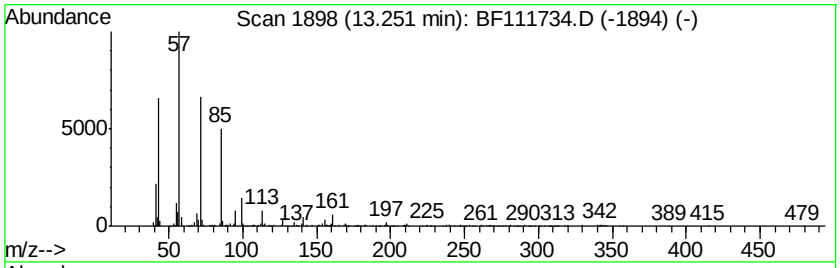
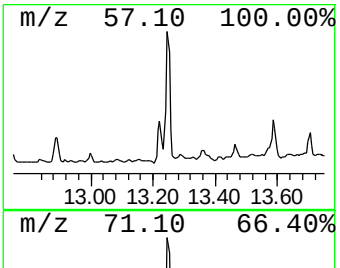
Peak Number 8 Tricosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	38.24 ng	1546350	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	81
2	Octadecane	254	C18H38	000593-45-3	74
3	Pentadecane	212	C15H32	000629-62-9	68
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

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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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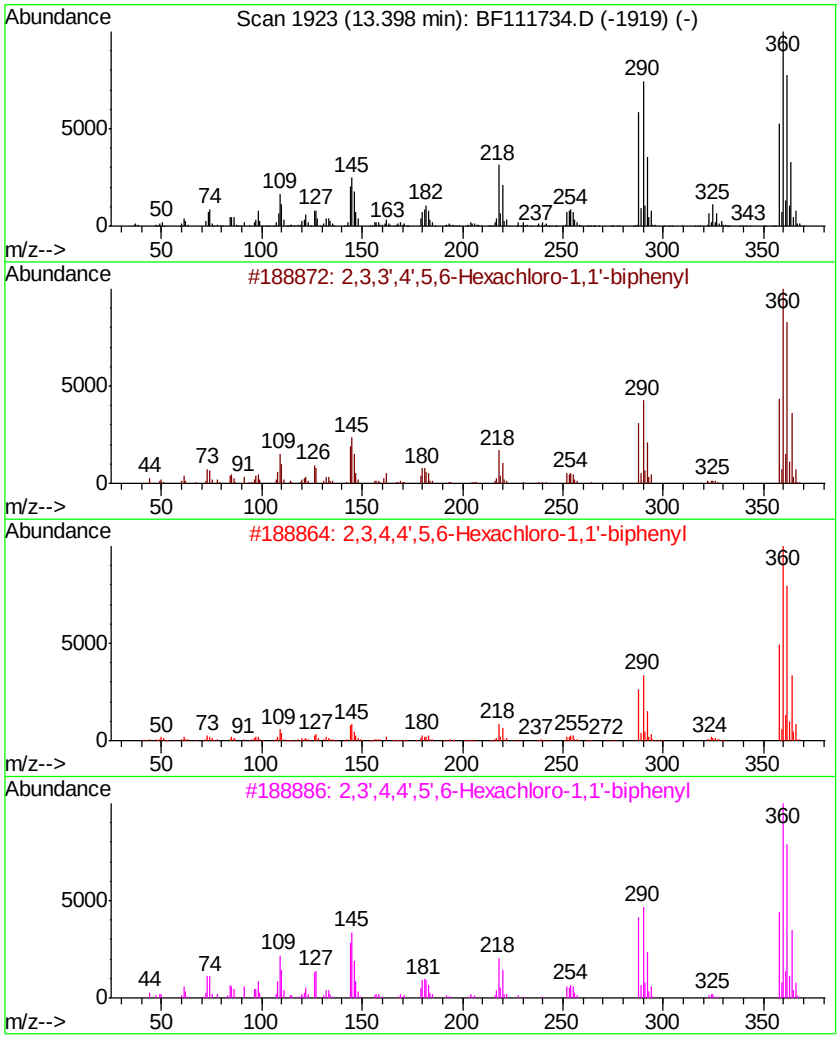
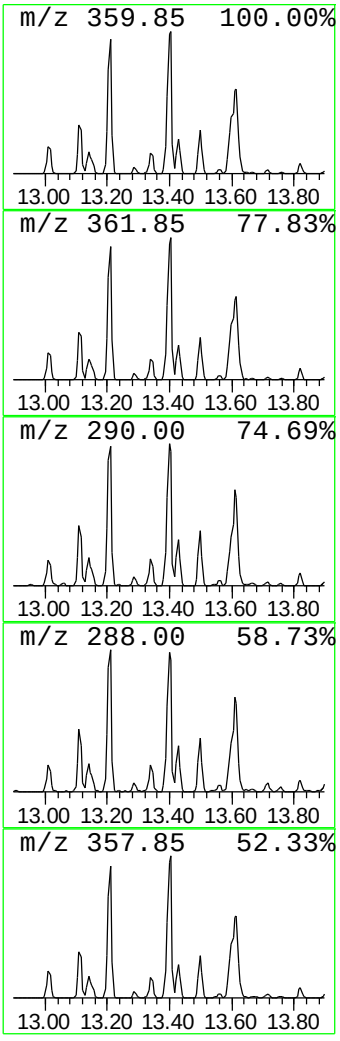
Peak Number 9 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	137.14 ng	5545800	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





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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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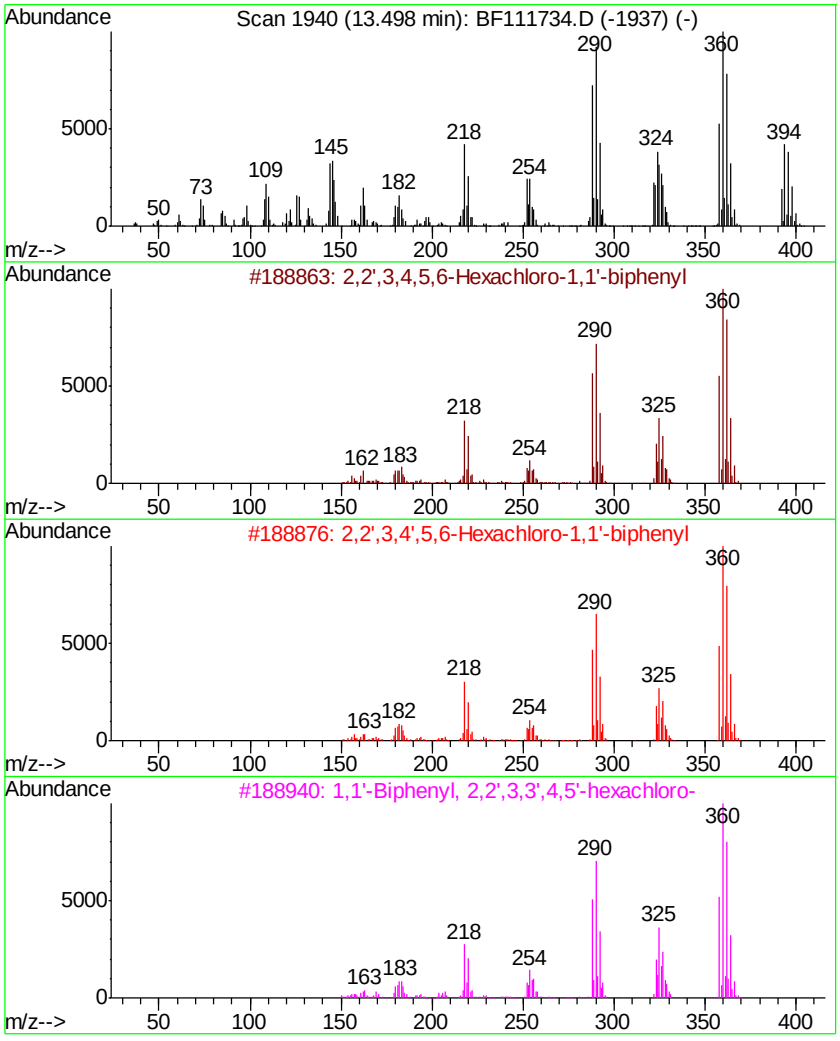
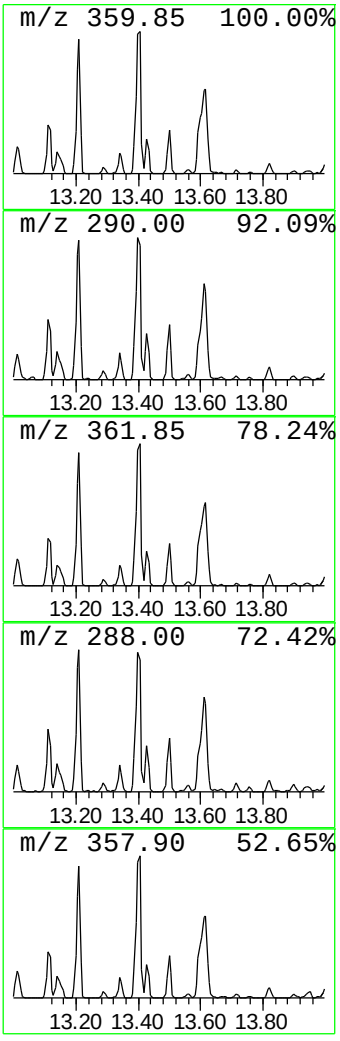
Peak Number 10 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	65.70 ng	2656750	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99





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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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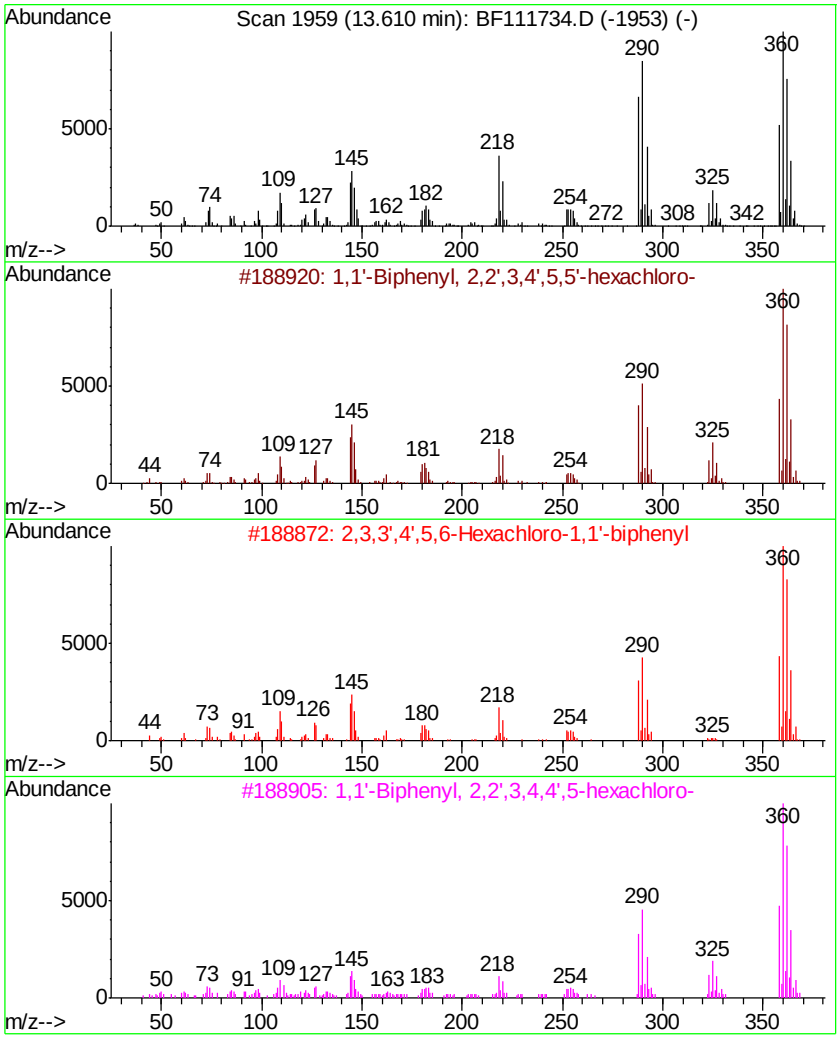
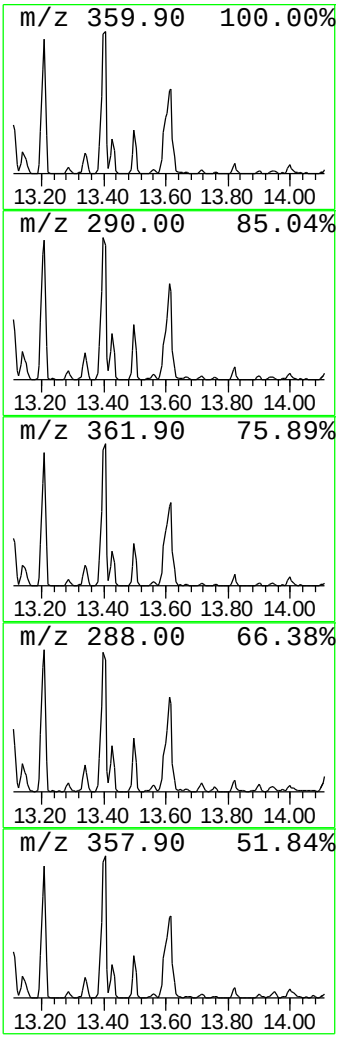
Peak Number 11 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	128.76 ng	5207000	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





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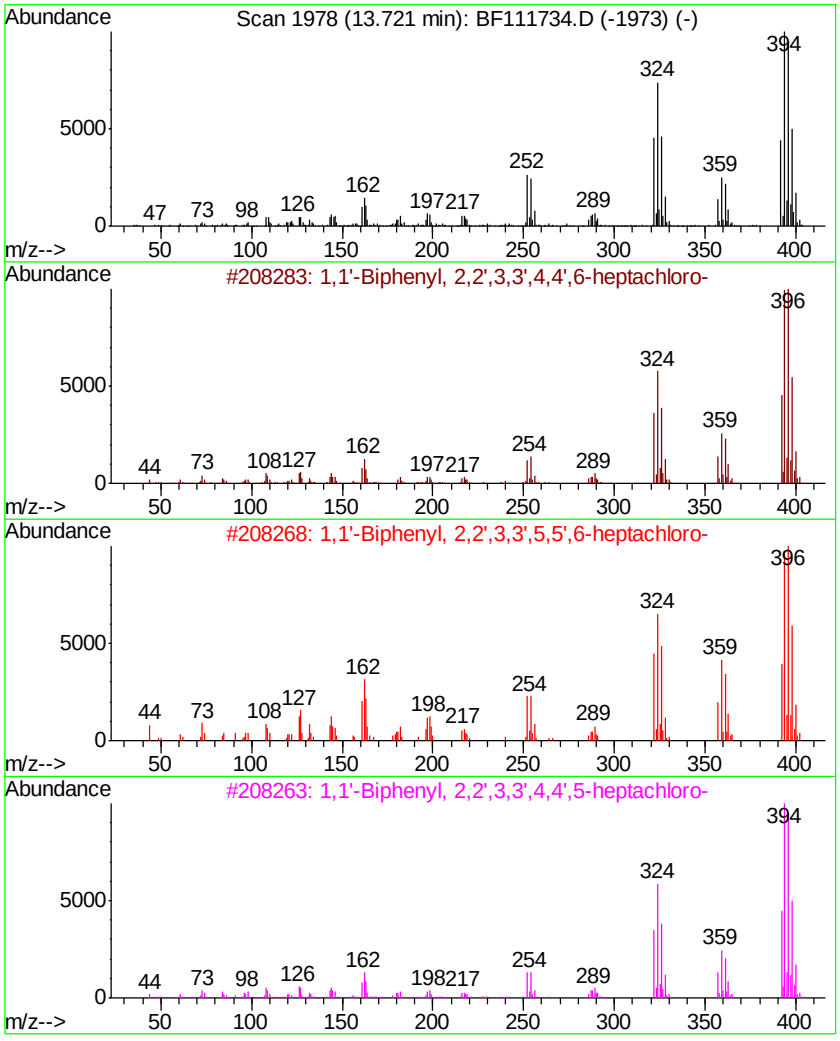
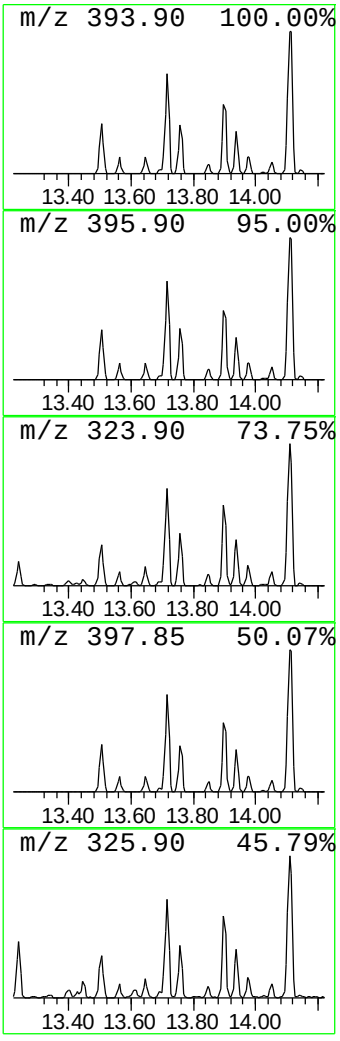
Peak Number 12 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	78.83 ng	3188010	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
4	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99





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Instrument : BNA_F
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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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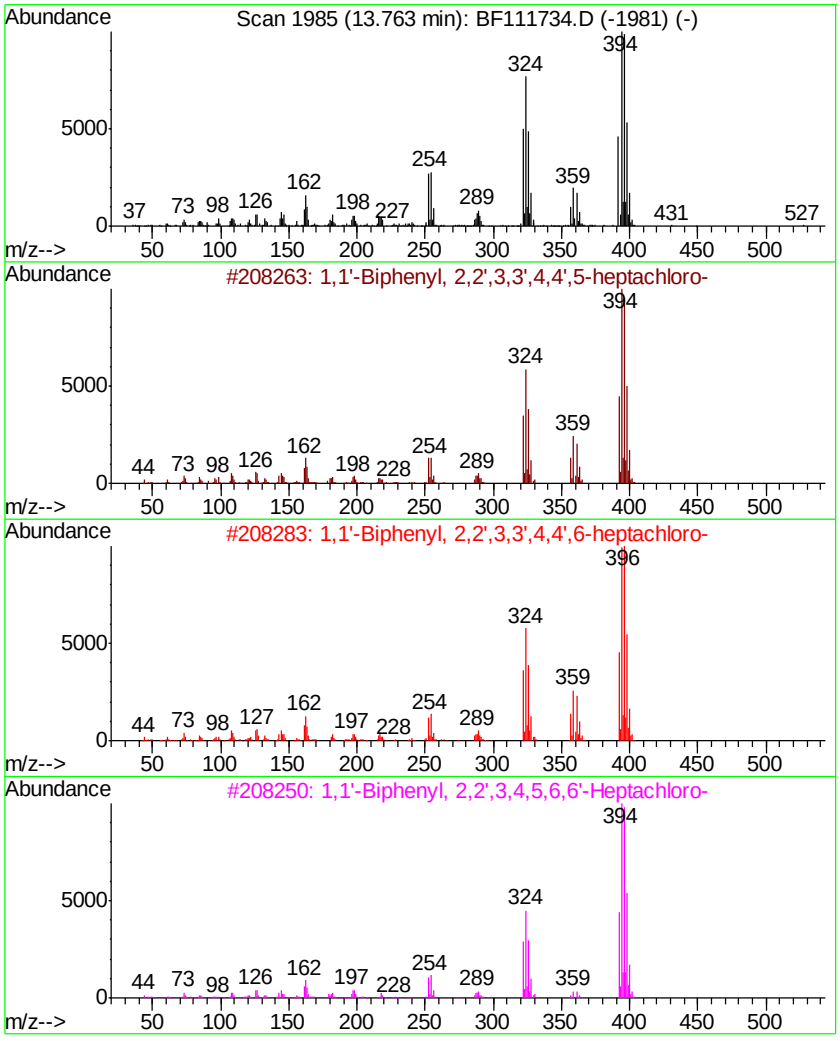
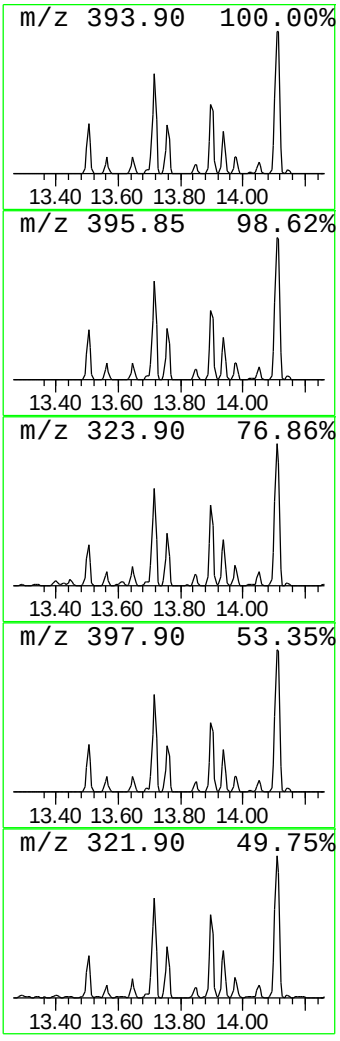
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	33.24 ng	1344040	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
4	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99





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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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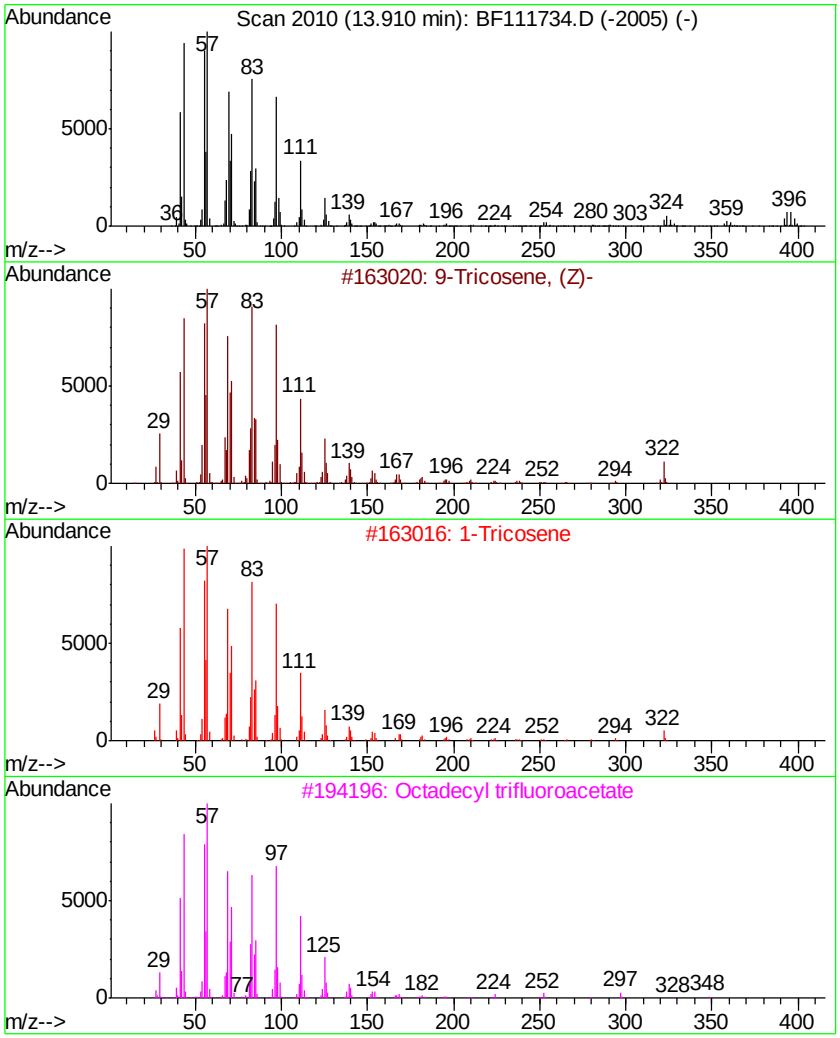
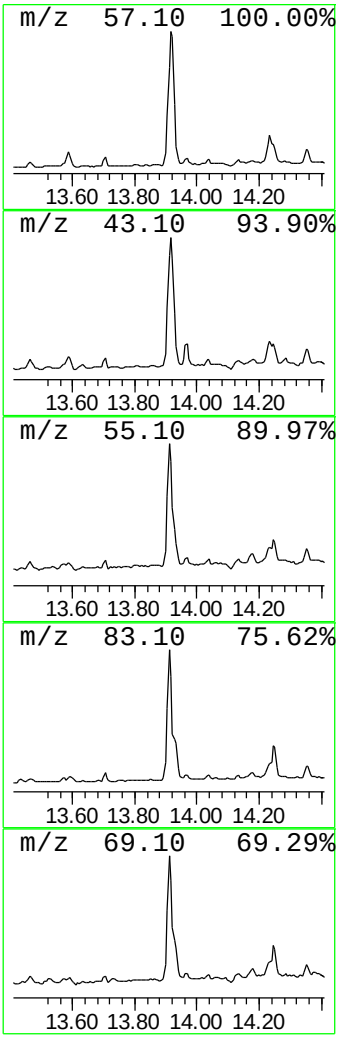
Peak Number 14 9-Tricosene, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	216.74 ng	8765040	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	1-Tricosene	322	C23H46	018835-32-0	94
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94





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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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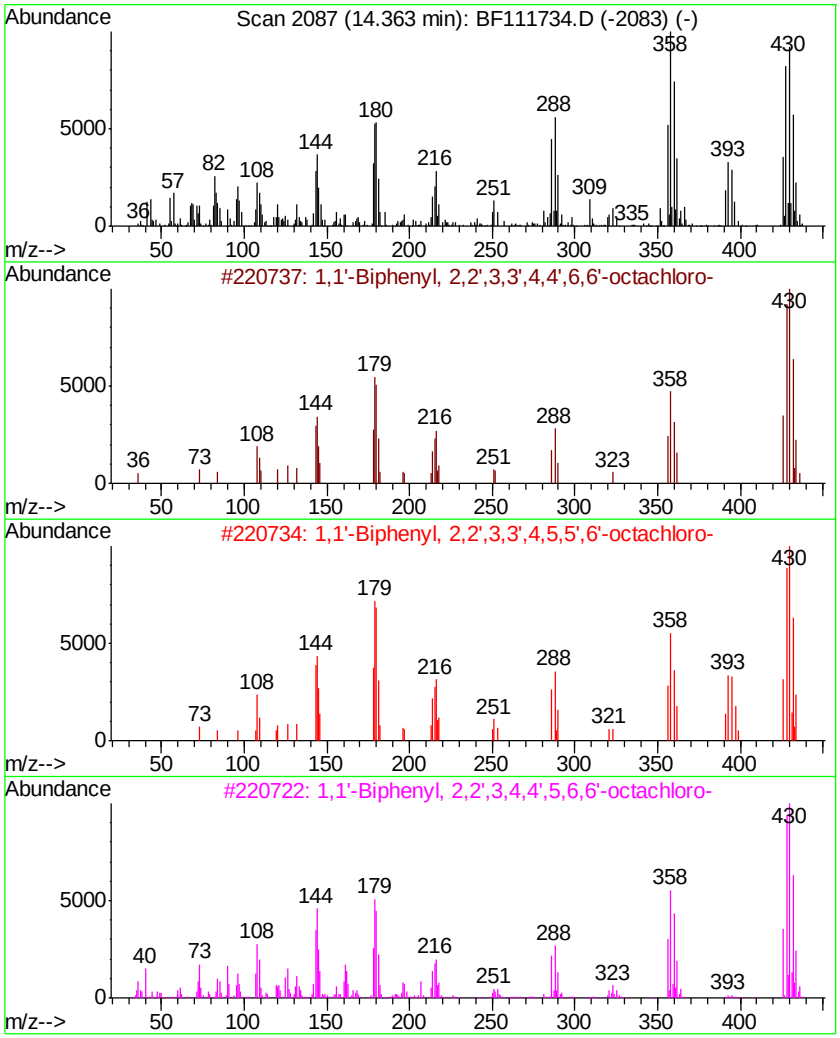
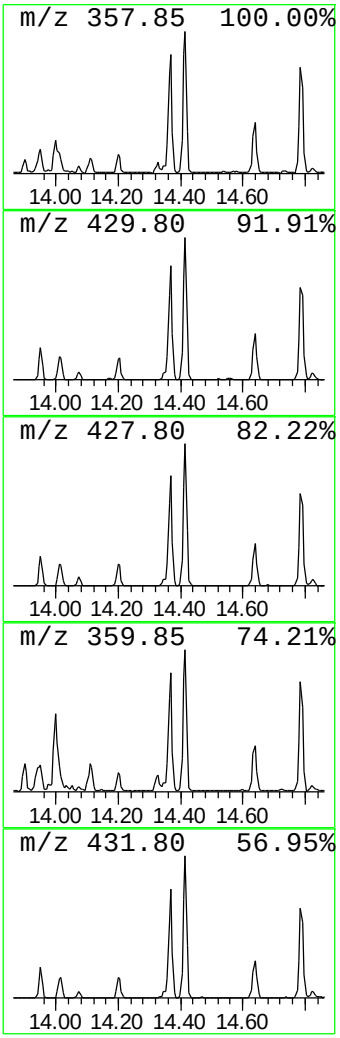
Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	34.26 ng	1385540	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99





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Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

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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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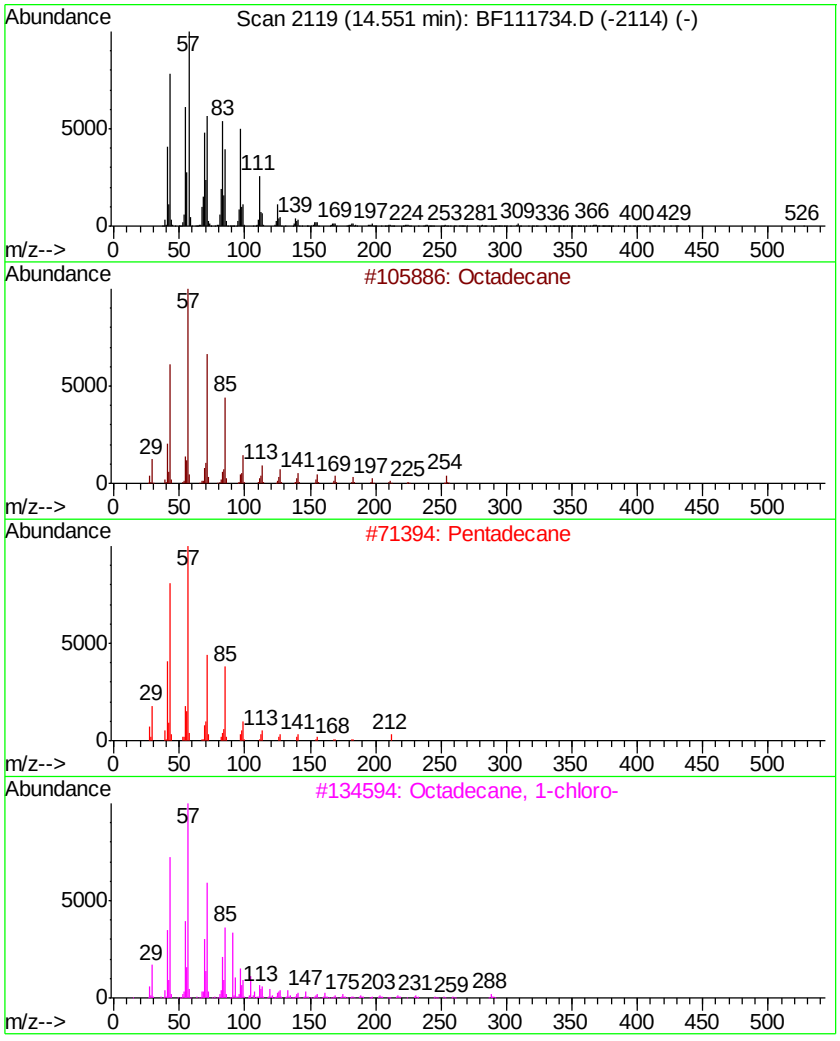
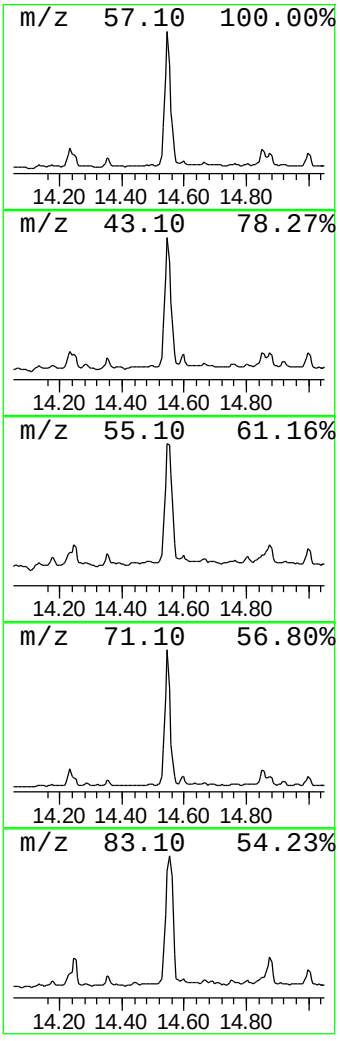
Peak Number 17 Octadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	240.74 ng	9735390	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Pentadecane	212	C15H32	000629-62-9	91
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
4	Docosane	310	C22H46	000629-97-0	89
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87





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Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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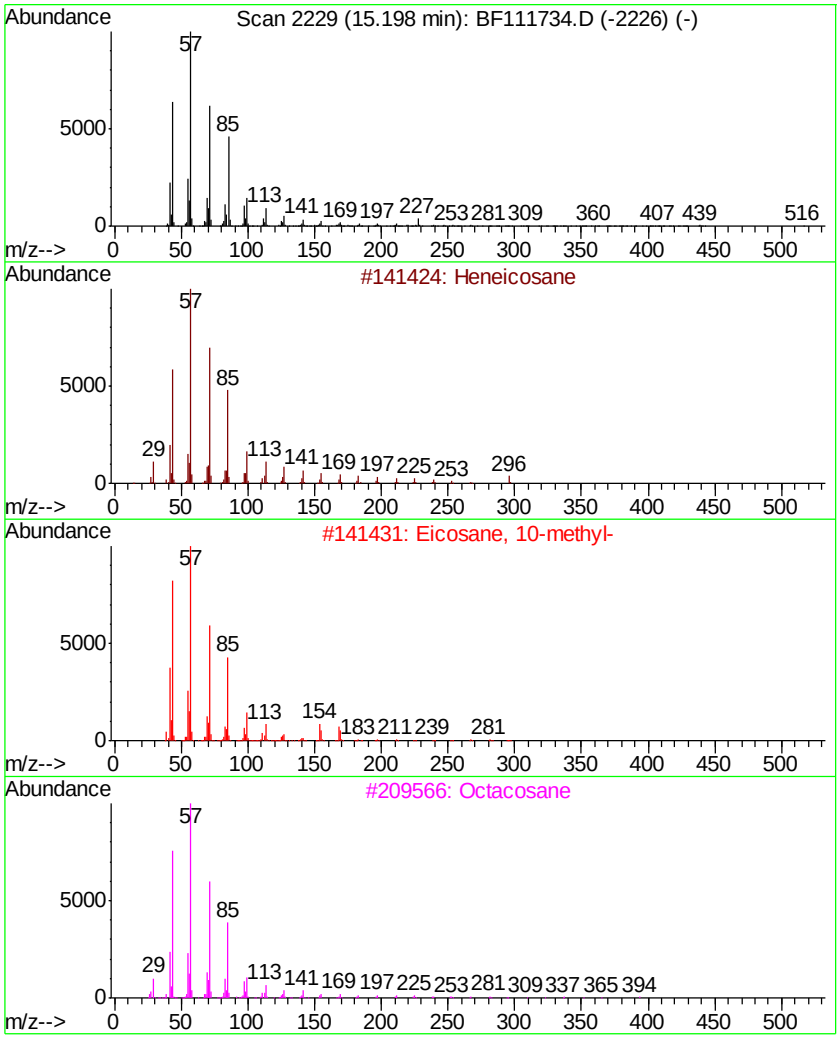
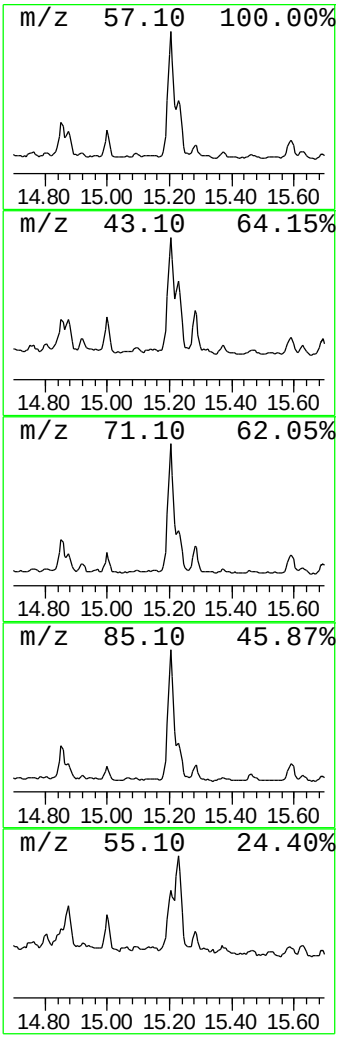
Peak Number 18 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	65.38 ng	2668650	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Octacosane	394	C28H58	000630-02-4	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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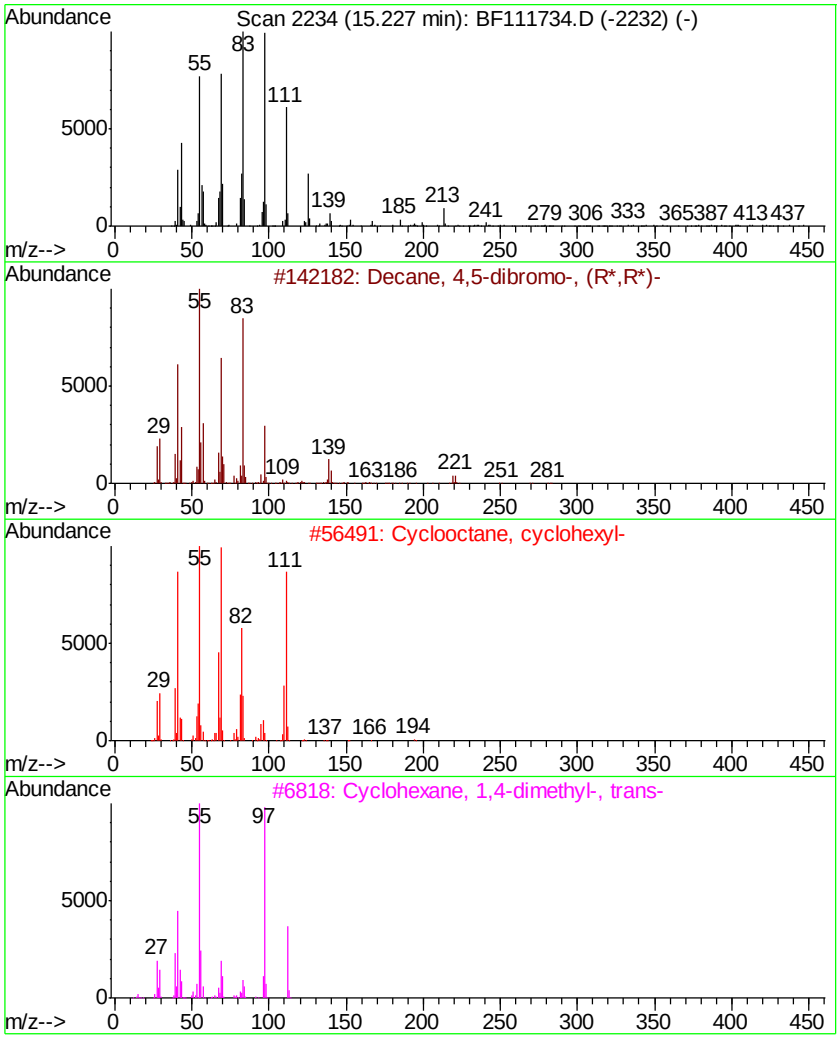
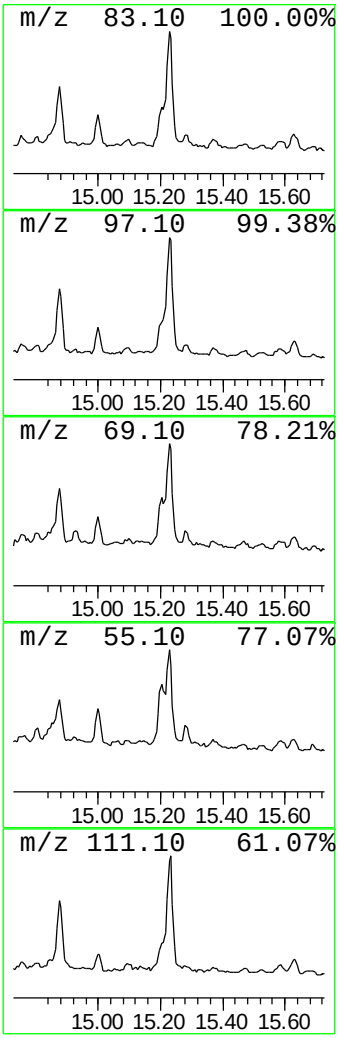
Peak Number 19 unknown15.23 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	54.37 ng	2219540	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4,5-dibromo-, (R*,R*)-	298	C10H20Br2	061141-70-6	47
2	Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	30
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	25
4	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	25
5	Cyclobutanecarboxylic acid, unde...	252	C16H28O2	1000299-13-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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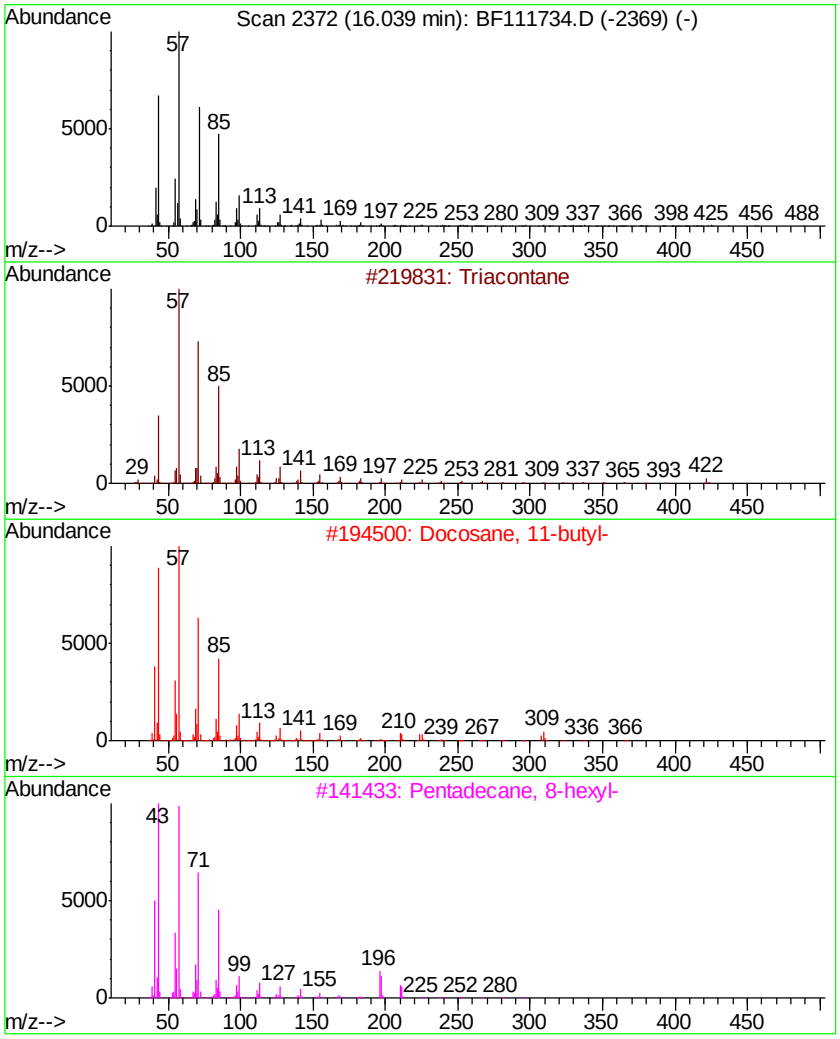
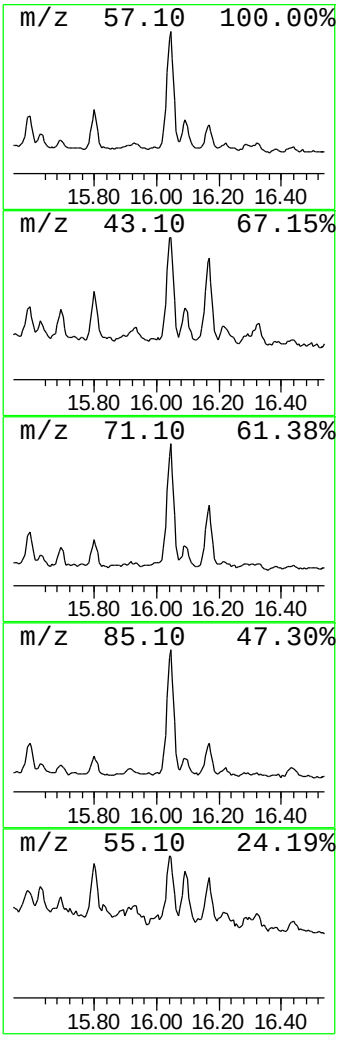
Peak Number 20 Triacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	37.30 ng	1522720	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	97
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
5	Nonacosane	408	C29H60	000630-03-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown6.68	6.68	67.0	ng	3299980	1	6.90	984400	20.0
2,2',3,4,6'-Penta...	12.56	47.5	ng	3082490	4	11.43	1296500	20.0
2,2',3,4',5-Penta...	12.74	37.7	ng	2442970	4	11.43	1296500	20.0
1,1'-Biphenyl, 2,...	13.11	50.9	ng	2057140	5	14.07	808798	20.0
1,1'-Biphenyl, 2,...	13.14	31.6	ng	1276730	5	14.07	808798	20.0
1,1'-Biphenyl, 2,...	13.21	138.8	ng	5612710	5	14.07	808798	20.0
Tricosane	13.25	38.2	ng	1546350	5	14.07	808798	20.0
2,3,3',4',5,6-Hex...	13.40	137.1	ng	5545800	5	14.07	808798	20.0
2,2',3,4,5,6-Hexa...	13.50	65.7	ng	2656750	5	14.07	808798	20.0
1,1'-Biphenyl, 2,...	13.61	128.8	ng	5207000	5	14.07	808798	20.0
1,1'-Biphenyl, 2,...	13.72	78.8	ng	3188010	5	14.07	808798	20.0
1,1'-Biphenyl, 2,...	13.76	33.2	ng	1344040	5	14.07	808798	20.0
9-Tricosene, (Z)-	13.91	216.7	ng	8765040	5	14.07	808798	20.0
1,1'-Biphenyl, 2,...	14.36	34.3	ng	1385540	5	14.07	808798	20.0
Octadecane	14.55	240.7	ng	9735390	5	14.07	808798	20.0
Heneicosane	15.20	65.4	ng	2668650	6	15.56	816406	20.0
unknown15.23	15.23	54.4	ng	2219540	6	15.56	816406	20.0
Triacontane	16.04	37.3	ng	1522720	6	15.56	816406	20.0