LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111743.D
Acq On : 27 Dec 2018 4:45
Operator : JU/SJ
Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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	2.187	13	17	24	rVB	23220	32324	1.62%	0.088%
2	3.434	226	229	236	rBV	13231	25308	1.27%	0.069%
3	4.004	321	326	331	rBV	80660	107513	5.38%	0.292%
4	5.116	511	515	519	rBV	72696	70950	3.55%	0.193%
5	5.534	582	586	590	rVB	1408420	1249428	62.57%	3.391%
6	6.539	753	757	765	rBV	1570011	1406305	70.43%	3.817%
7	6.675	776	780	784	rBV	1491627	1310083	65.61%	3.555%
8	6.904	815	819	823	rBV	915415	722567	36.19%	1.961%
9	7.063	842	846	849	rBV	1208537	1026710	51.42%	2.786%
10	7.310	881	888	893	rBV4	17488	24478	1.23%	0.066%
11	7.457	909	913	916	rBV	907542	715407	35.83%	1.942%
12	7.663	944	948	952	rBV	43744	42151	2.11%	0.114%
13	7.886	983	986	989	rBV	32093	35989	1.80%	0.098%
14	8.122	1022	1026	1030	rBV4	14812	24135	1.21%	0.065%
15	8.186	1033	1037	1040	rBV	1066598	834806	41.81%	2.266%
16	8.939	1162	1165	1169	rBV	31663	35871	1.80%	0.097%
17	9.257	1215	1219	1222	rBV	1766253	1308089	65.51%	3.550%
18	9.363	1232	1237	1239	rVV2	32626	31695	1.59%	0.086%
19	9.392	1239	1242	1246	rVB	33574	32789	1.64%	0.089%
20	9.645	1279	1285	1291	rBV2	140411	171377	8.58%	0.465%
21	9.939	1332	1335	1339	rVB	1005704	884077	44.27%	2.399%
22	10.457	1419	1423	1426	rBV4	22972	28385	1.42%	0.077%
23	10.727	1465	1469	1473	rBV	1055291	867618	43.45%	2.355%
24	10.845	1486	1489	1493	rBV5	16565	30212	1.51%	0.082%
25	10.927	1498	1503	1506	rBV3	19909	30493	1.53%	0.083%
26	10.969	1506	1510	1513	rVV	51493	51468	2.58%	0.140%
27	11.086	1525	1530	1533	rBV4	57814	72434	3.63%	0.197%
28	11.127	1534	1537	1543	rVV3	95670	115763	5.80%	0.314%
29	11.180	1543	1546	1548	rVV2	42680	36397	1.82%	0.099%
30	11.304	1564	1567	1570	rVB5	27353	26613	1.33%	0.072%
31	11.398	1581	1583	1585	rBV	75677	65903	3.30%	0.179%
32	11.427	1585	1588	1591	rVV	1140652	936422	46.90%	2.541%
33	11.474	1593	1596	1600	rVB2	279882	256280	12.83%	0.696%
34	11.539	1604	1607	1612	rVV2	247643	227739	11.41%	0.618%

LSC Area Percent Report

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Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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	11.586	1612	1615	1619	rVB	121659	114594	5.74%	0.311%
36	11.651	1623	1626	1630	rVB	188113	172960	8.66%	0.469%
37	11.763	1643	1645	1649	rBV4	36274	56388	2.82%	0.153%
38	11.951	1674	1677	1684	rVB5	108618	126046	6.31%	0.342%
39	12.039	1690	1692	1695	rVB	112397	96556	4.84%	0.262%
40	12.074	1695	1698	1701	rVV	208251	170856	8.56%	0.464%
41	12.104	1701	1703	1705	rVV2	43026	36341	1.82%	0.099%
42	12.127	1705	1707	1712	rVB4	41219	41093	2.06%	0.112%
43	12.210	1718	1721	1724	rBV3	71045	62603	3.14%	0.170%
44	12.292	1732	1735	1737	rBV4	63371	61497	3.08%	0.167%
45	12.315	1737	1739	1742	rVB3	48230	36673	1.84%	0.100%
46	12.374	1747	1749	1753	rVB4	46323	40073	2.01%	0.109%
47	12.515	1770	1773	1775	rBV2	72973	73814	3.70%	0.200%
48	12.557	1775	1780	1786	rVB2	446058	556888	27.89%	1.511%
49	12.692	1800	1803	1807	rVB2	153930	148478	7.44%	0.403%
50	12.739	1807	1811	1814	rVV	548274	498319	24.96%	1.352%
51	12.774	1815	1817	1821	rVB5	56394	54280	2.72%	0.147%
52	12.886	1834	1836	1838	rBV	92293	82200	4.12%	0.223%
53	12.951	1845	1847	1851	rBV	86643	78307	3.92%	0.213%
54	13.010	1853	1857	1863	rVB	1715456	1649907	82.63%	4.478%
55	13.110	1870	1874	1876	rBV	511850	482507	24.16%	1.309%
56	13.133	1876	1878	1885	rVB2	230586	289928	14.52%	0.787%
57	13.198	1886	1889	1893	rBV	1430799	1380504	69.14%	3.747%
58	13.245	1893	1897	1901	rVB2	272092	351628	17.61%	0.954%
59	13.280	1901	1903	1906	rBV2	94100	84160	4.21%	0.228%
60	13.339	1910	1913	1918	rBV	250396	249947	12.52%	0.678%
61	13.392	1918	1922	1925	rBV	1781997	1526727	76.46%	4.143%
62	13.421	1925	1927	1929	rBV	373294	270156	13.53%	0.733%
63	13.492	1936	1939	1943	rBV2	667905	688771	34.49%	1.869%
64	13.557	1948	1950	1953	rVV3	152880	140874	7.05%	0.382%
65	13.604	1953	1958	1962	rVV2	1015006	1364291	68.32%	3.703%
66	13.639	1962	1964	1967	rVB	154393	125588	6.29%	0.341%
67	13.710	1972	1976	1980	rVB	971738	891673	44.65%	2.420%
68	13.751	1980	1983	1987	rBV	460170	414816	20.77%	1.126%
69	13.815	1992	1994	1997	rVB2	112633	94257	4.72%	0.256%
70	13.898	2004	2008	2012	rBV3	1248743	1954589	97.89%	5.305%
71	13.933	2012	2014	2017	rVV	466000	428854	21.48%	1.164%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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	13.974	2018	2021	2023	rVB2	140453	131748	6.60%	0.358%
73	14.068	2034	2037	2040	rVB	798033	630379	31.57%	1.711%
74	14.104	2040	2043	2046	rVB	1544451	1350974	67.66%	3.666%
75	14.227	2062	2064	2069	rVB2	148974	189921	9.51%	0.515%
76	14.274	2069	2072	2076	rVB	244258	230524	11.54%	0.626%
77	14.321	2076	2080	2083	rBV	585332	643079	32.21%	1.745%
78	14.357	2083	2086	2089	rVV3	309231	377338	18.90%	1.024%
79	14.409	2092	2095	2097	rBV	292500	245006	12.27%	0.665%
80	14.539	2113	2117	2123	rBV	1714440	1996805	100.00%	5.419%
81	14.721	2145	2148	2151	rBV3	219350	192435	9.64%	0.522%
82	14.780	2156	2158	2163	rVB3	233925	234605	11.75%	0.637%
83	14.821	2163	2165	2167	rBV	177463	178913	8.96%	0.486%
84	14.992	2191	2194	2199	rVB	360871	367423	18.40%	0.997%
85	15.198	2225	2229	2231	rBV	547222	760192	38.07%	2.063%
86	15.556	2286	2290	2293	rBV	418163	517013	25.89%	1.403%
87	15.786	2326	2329	2335	rVB2	274649	363218	18.19%	0.986%
88	16.033	2368	2371	2375	rVB	233361	311609	15.61%	0.846%
89	16.850	2506	2510	2515	rVB3	223466	391237	19.59%	1.062%

Sum of corrected areas: 36847341

LSC Report - Integrated Chromatogram

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Data File : BF111743.D
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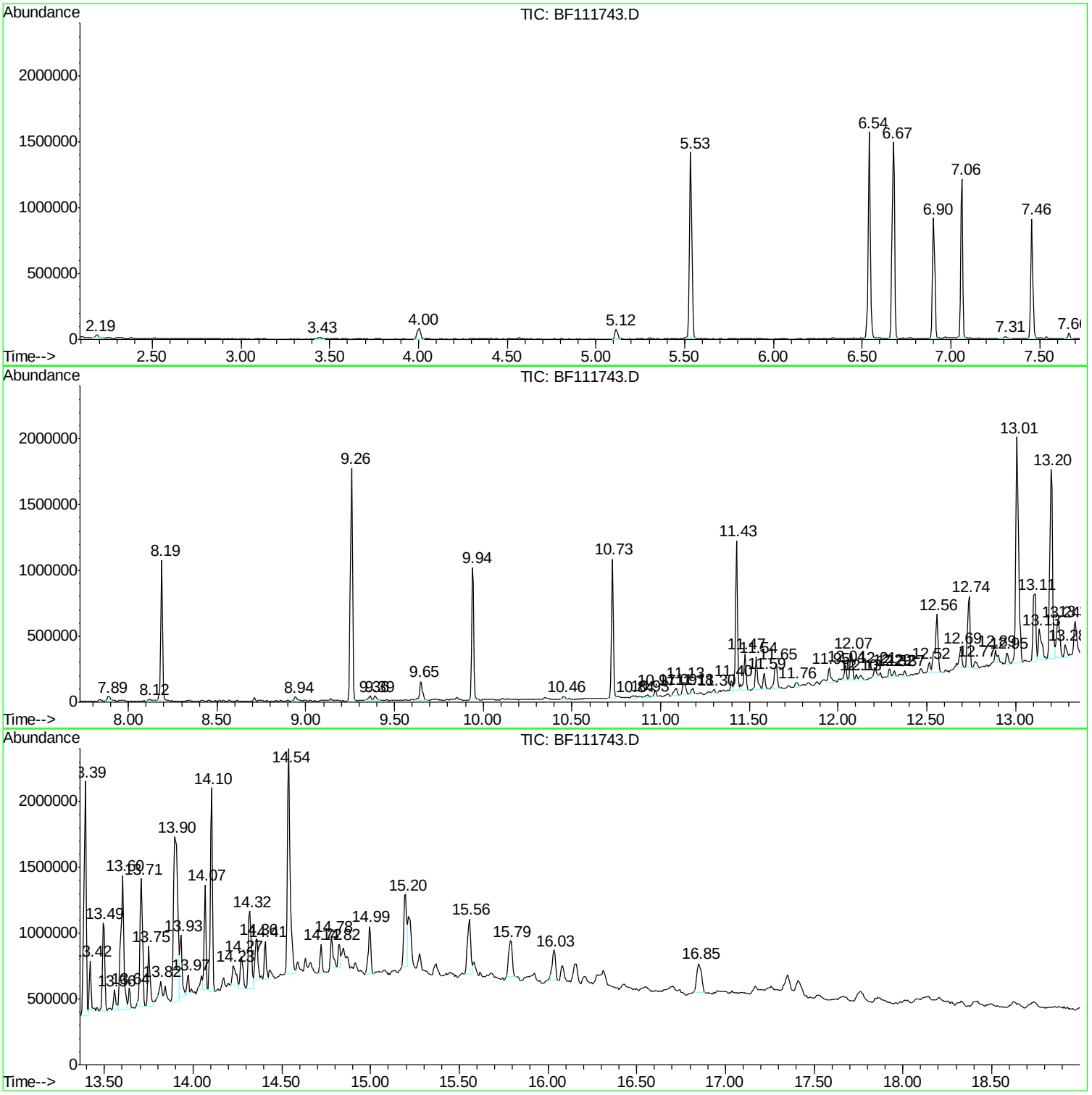
Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111743.D
Acq On : 27 Dec 2018 4:45
Operator : JU/SJ
Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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

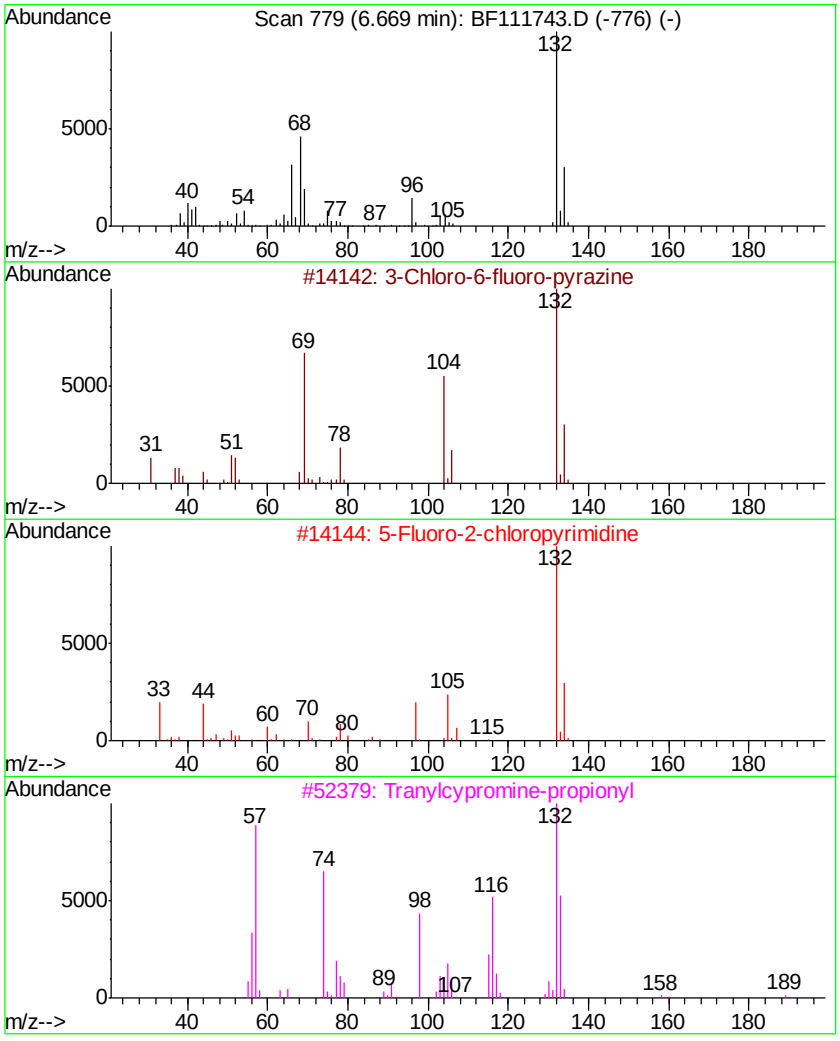
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

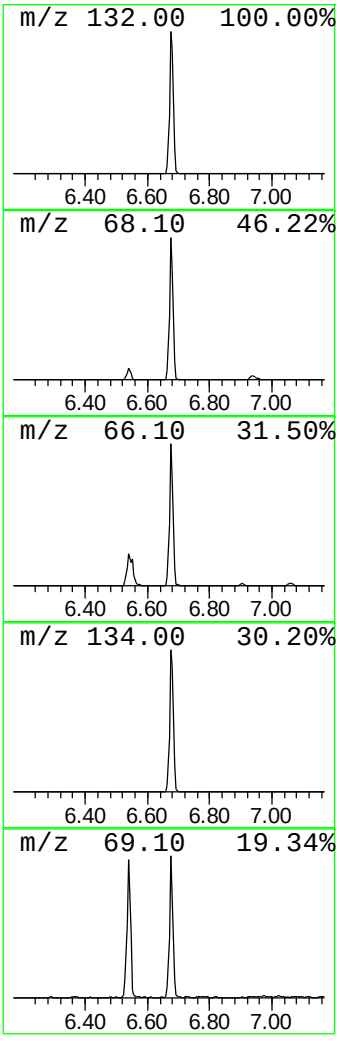
****

Peak Number 1 unknown6.67 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	36.26 ng	1310080	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111743.D
Acq On : 27 Dec 2018 4:45
Operator : JU/SJ
Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

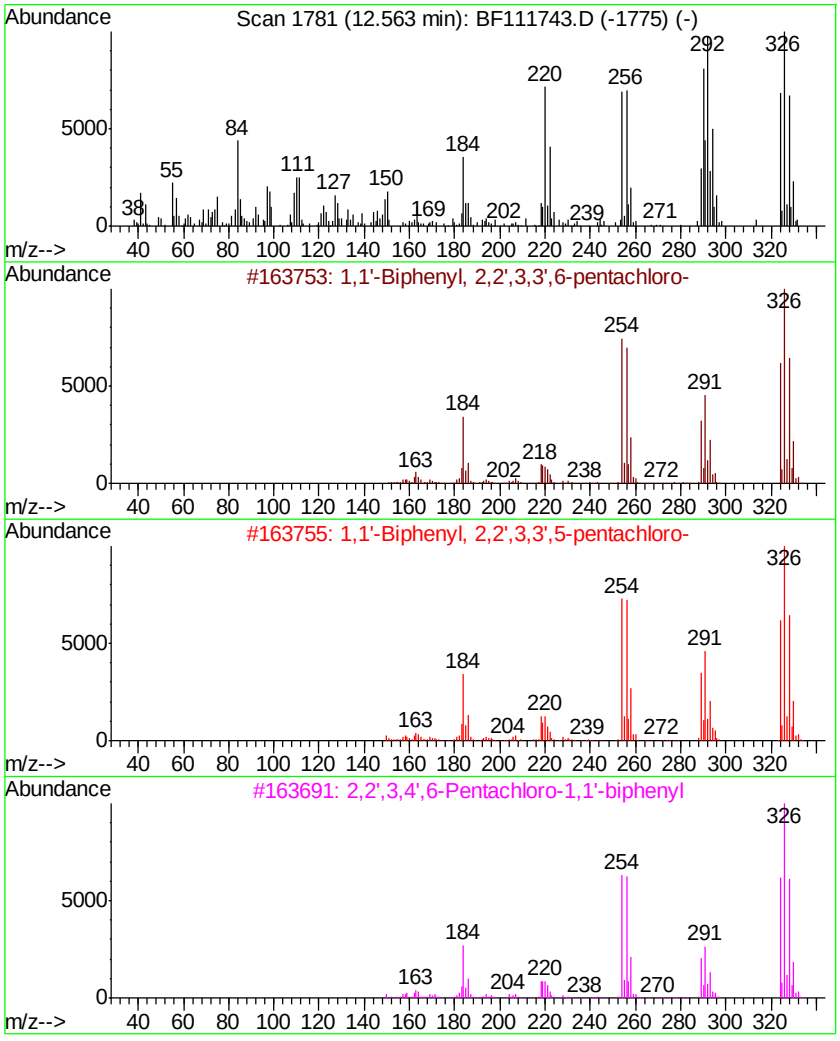
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

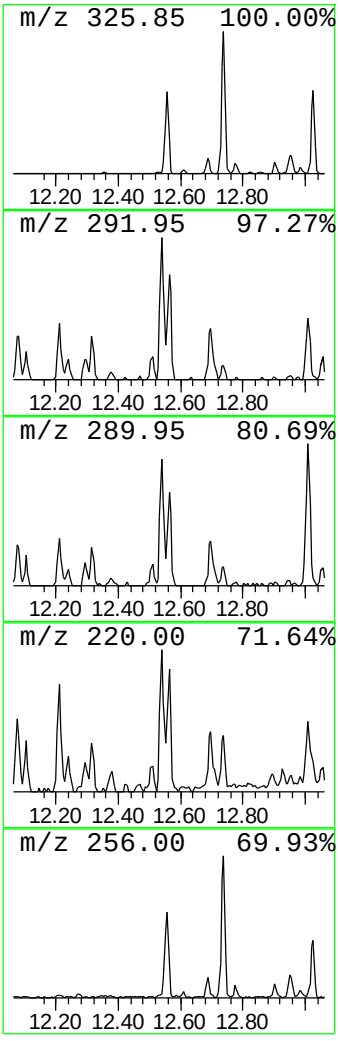
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	11.89 ng	556888	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99





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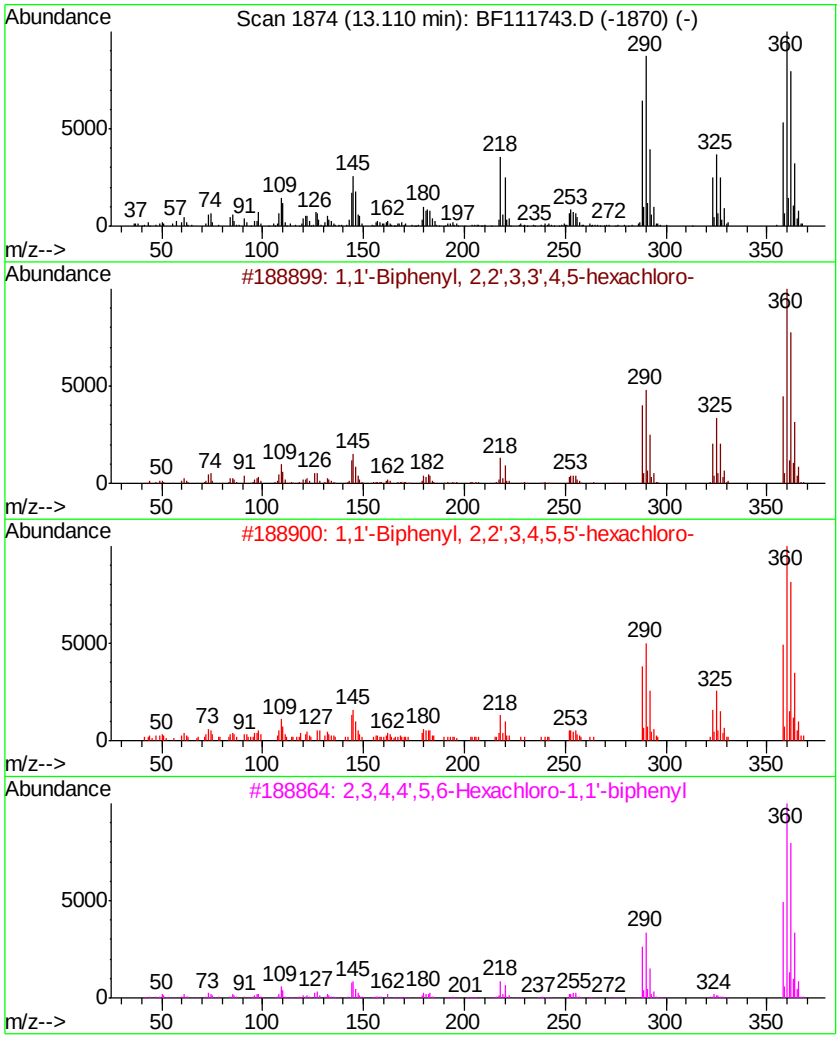
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

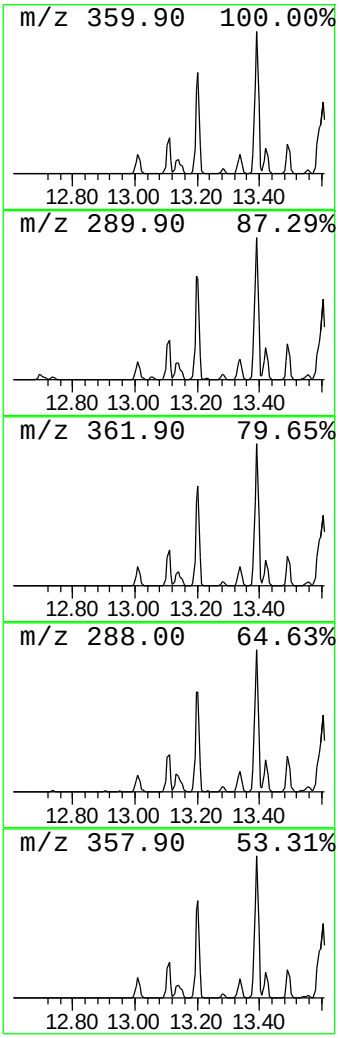
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	15.31 ng	482507	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





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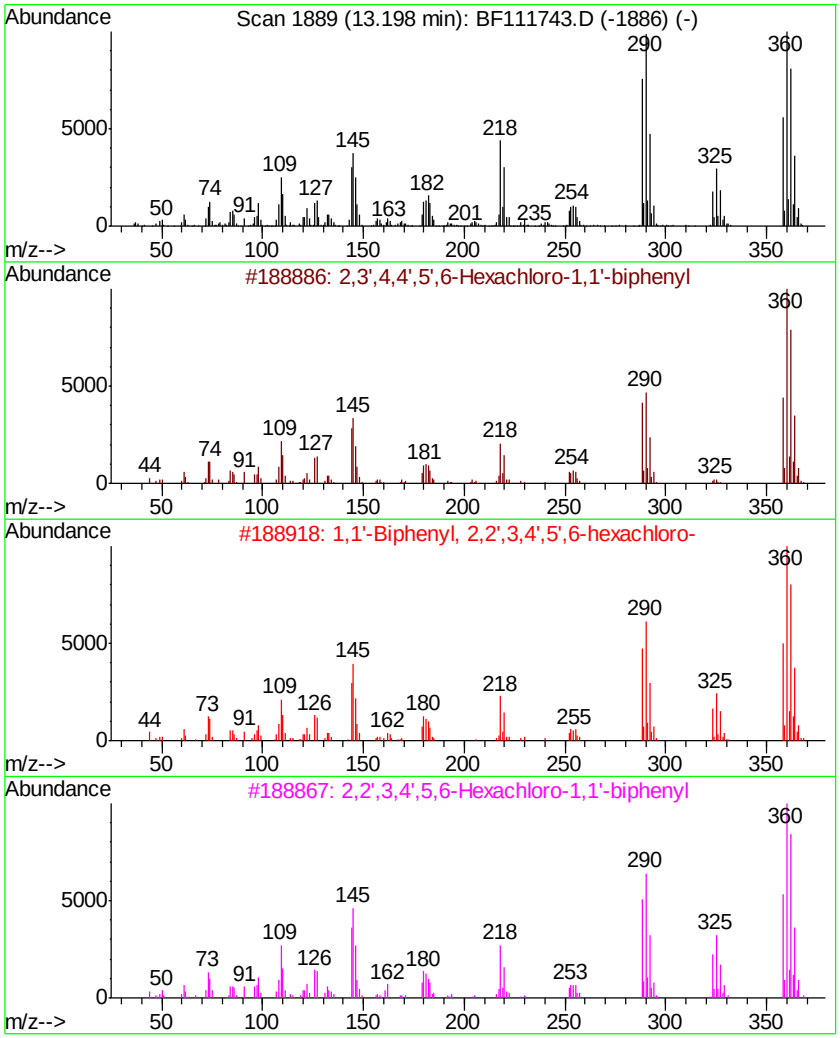
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

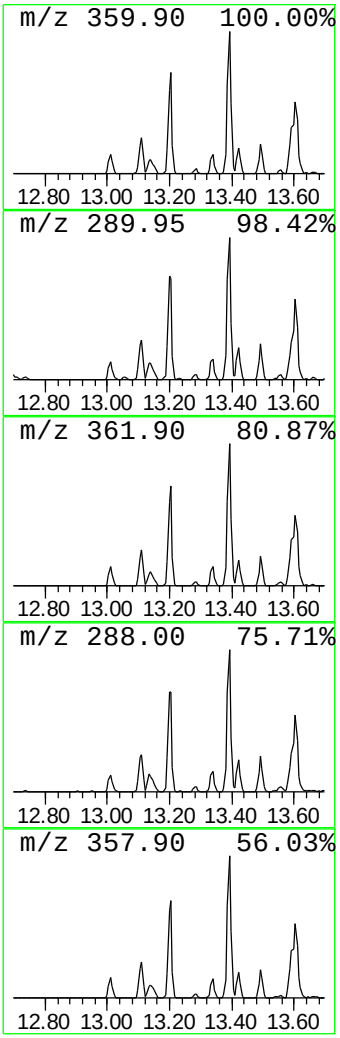
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	43.80 ng	1380500	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Acq On : 27 Dec 2018 4:45
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Sample : J6446-08
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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

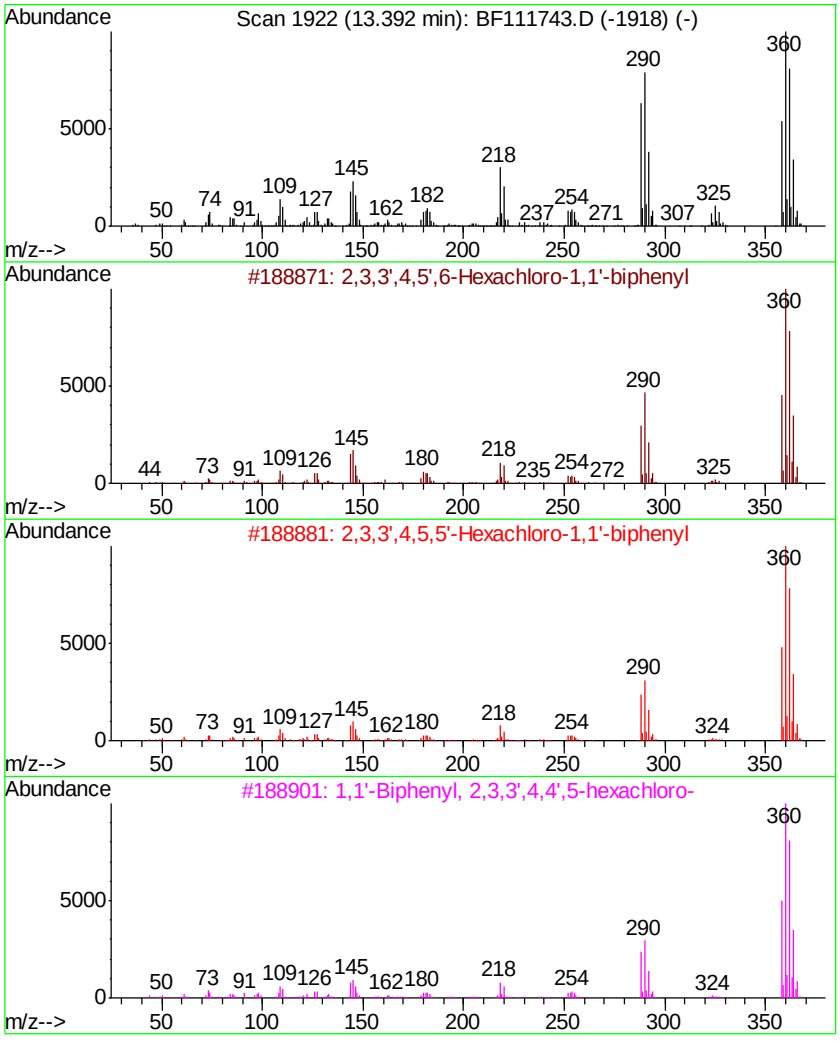
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

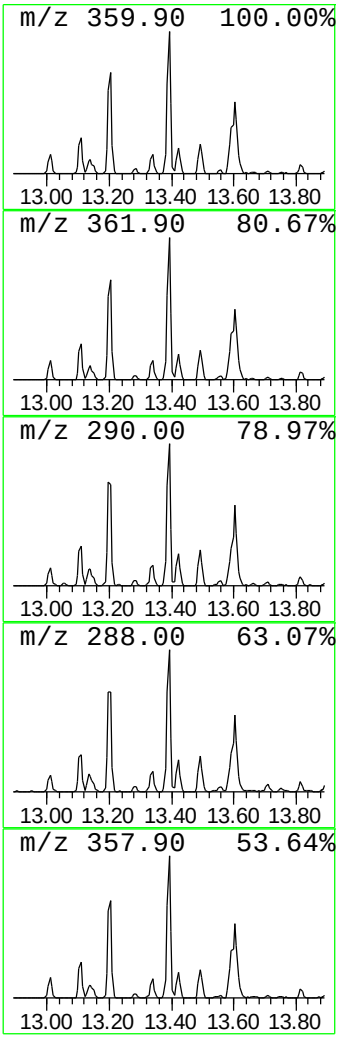
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	48.44 ng	1526730	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	074472-43-8	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99





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Acq On : 27 Dec 2018 4:45
Operator : JU/SJ
Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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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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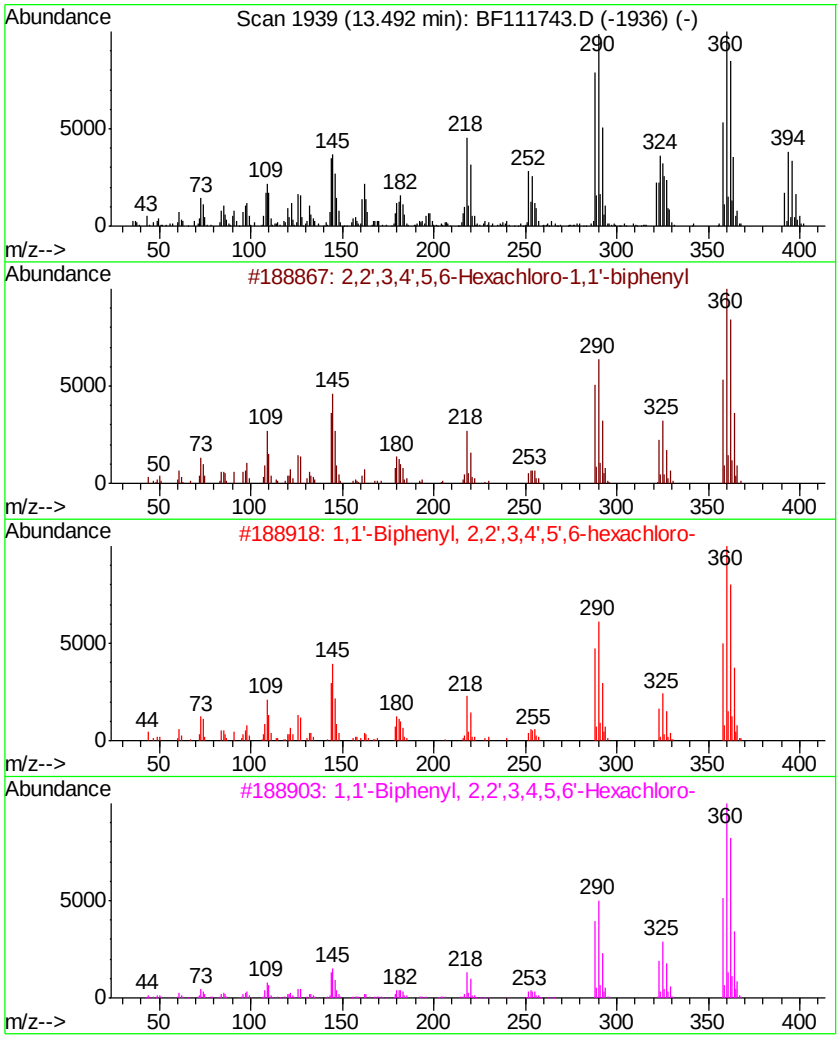
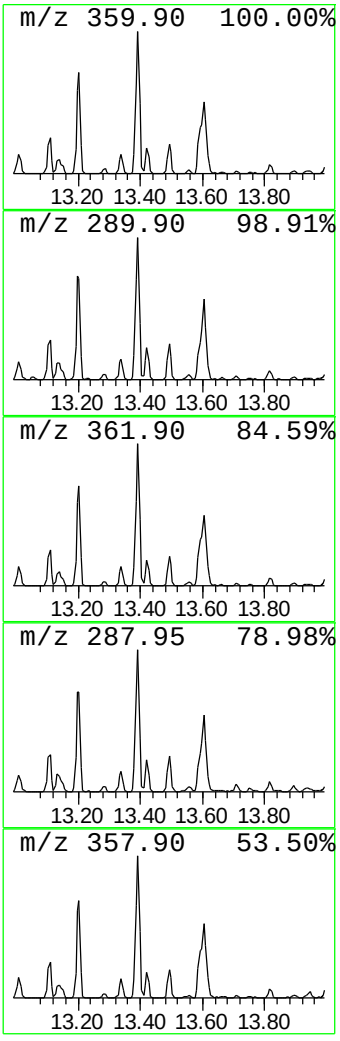
Peak Number 7 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	21.85 ng	688771	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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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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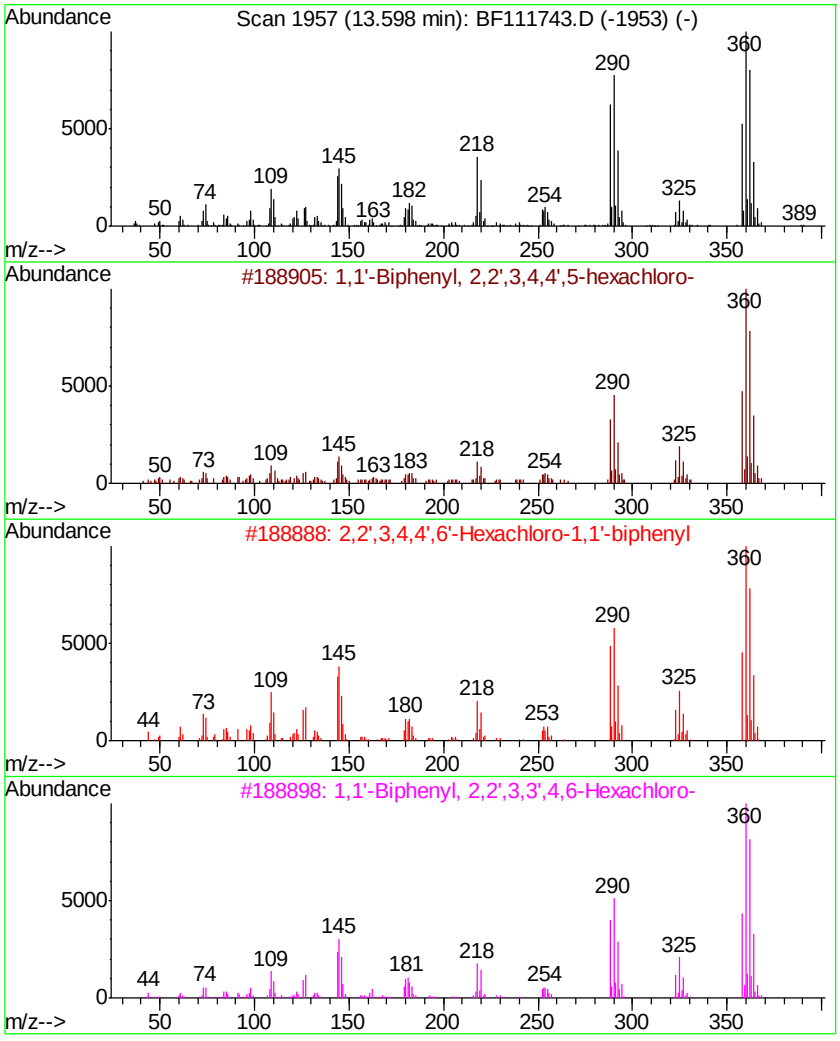
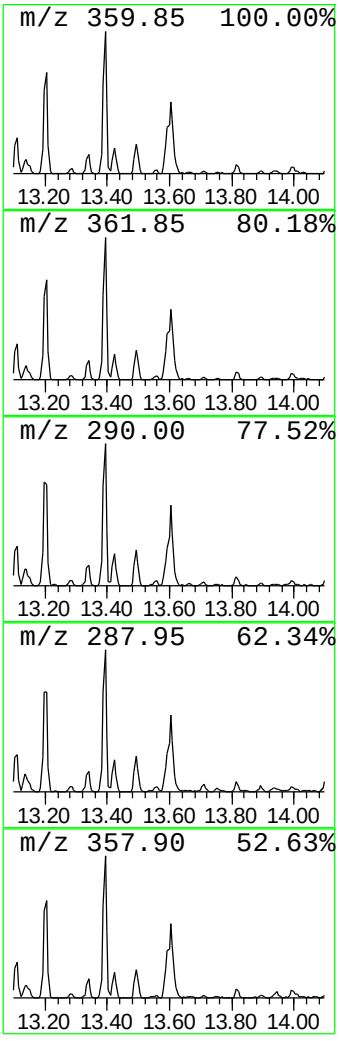
Peak Number 8 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	43.28 ng	1364290	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
2	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	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'-bi...	358	C12H4Cl6	074472-44-9	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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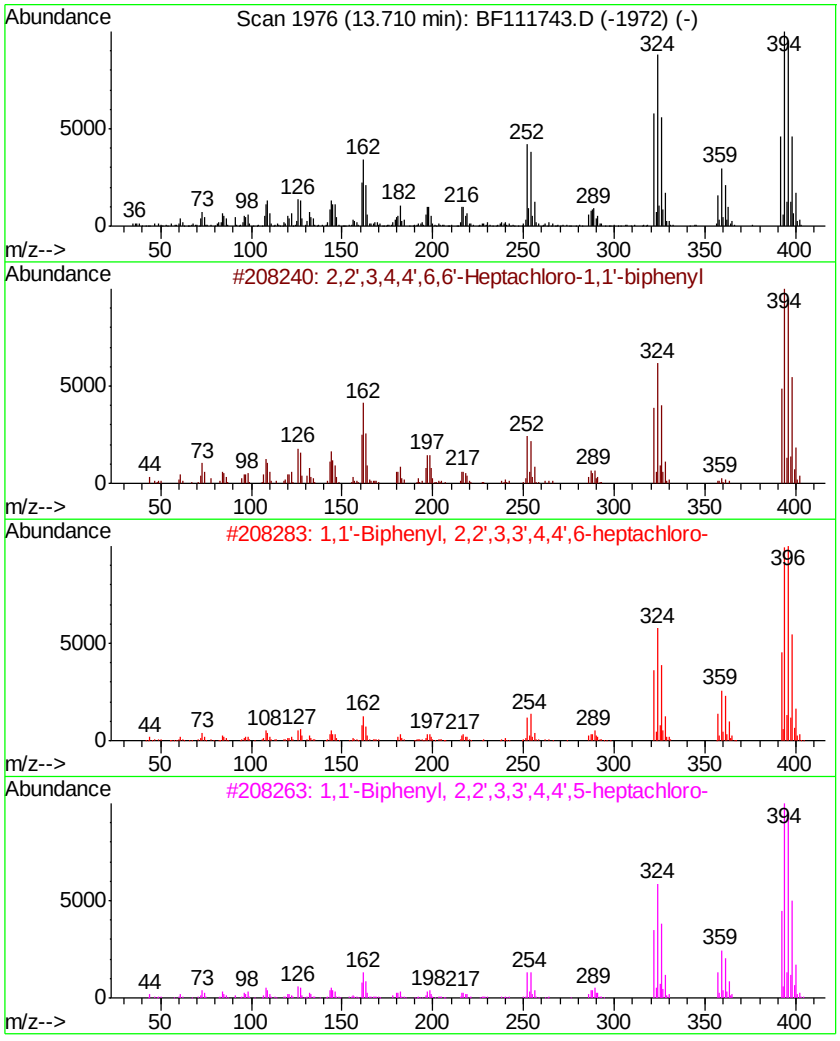
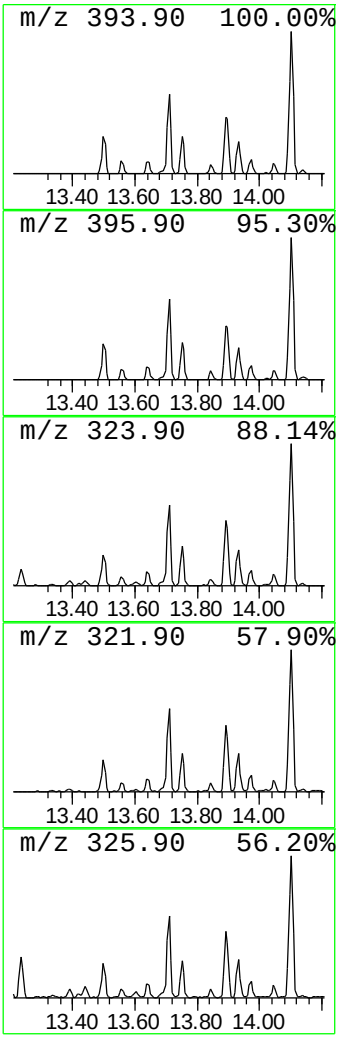
Peak Number 9 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	28.29 ng	891673	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
3	1,1'-Biphenyl, 2,2',3,3',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',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99





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Sample : J6446-08
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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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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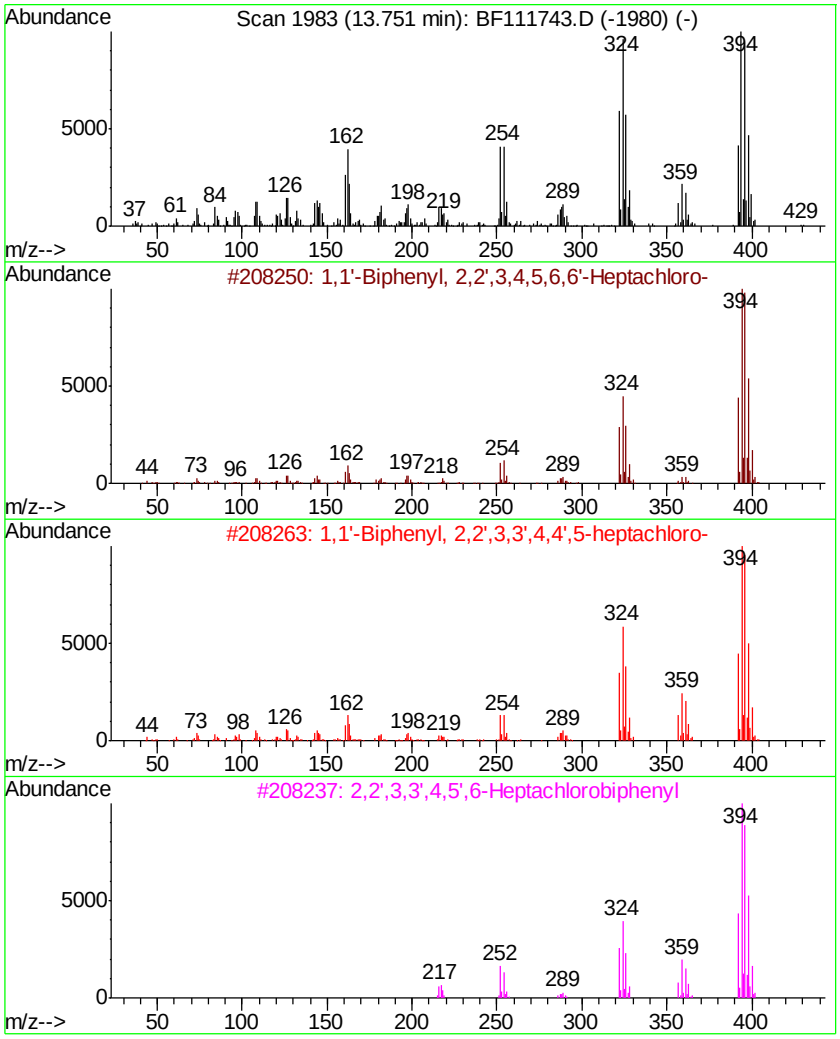
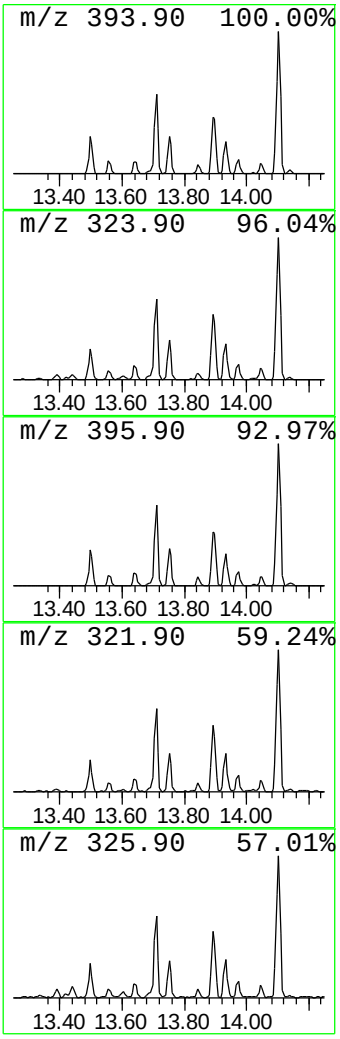
Peak Number 10 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	13.16 ng	414816	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





Library Search Compound Report

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ClientSampleId : P001-SS021-0006-01

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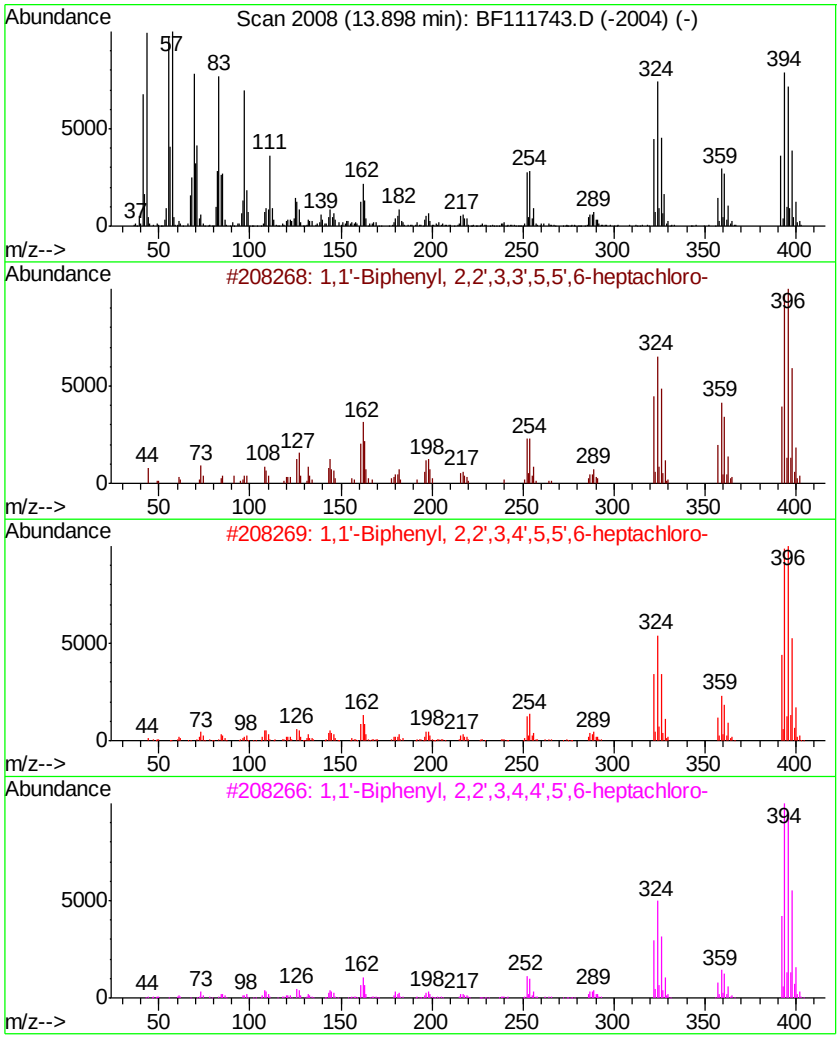
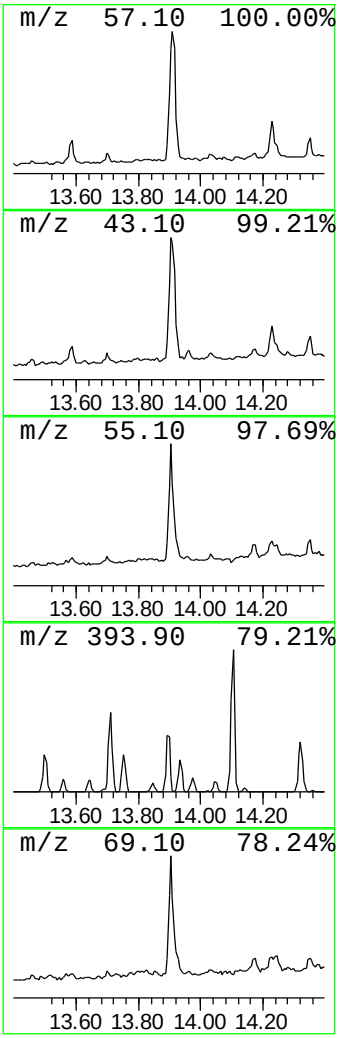
Peak Number 11 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	62.01 ng	1954590	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
2	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99





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Misc :
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ClientSampleId : P001-SS021-0006-01

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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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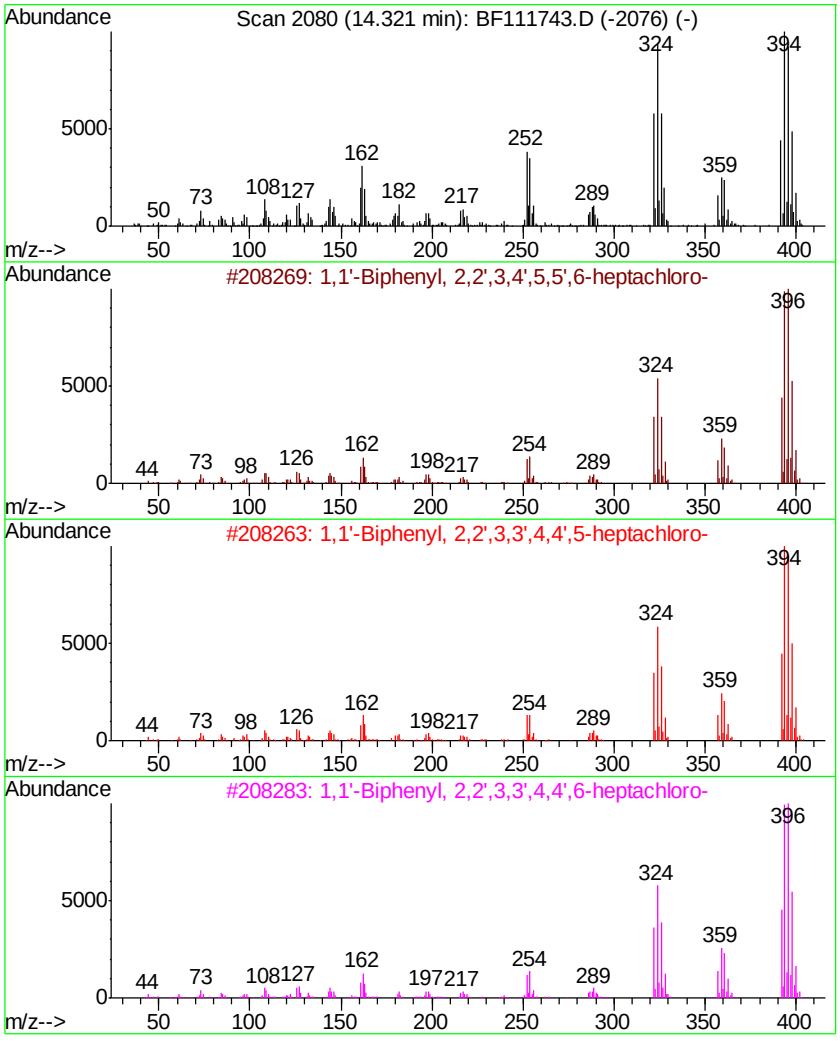
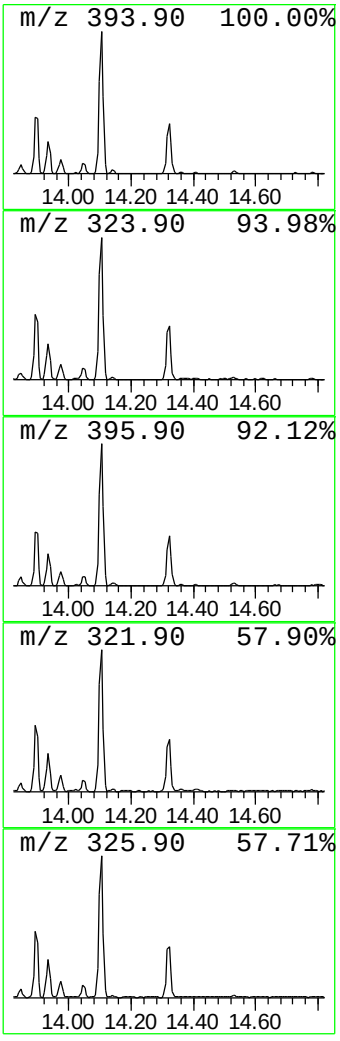
Peak Number 13 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	20.40 ng	643079	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	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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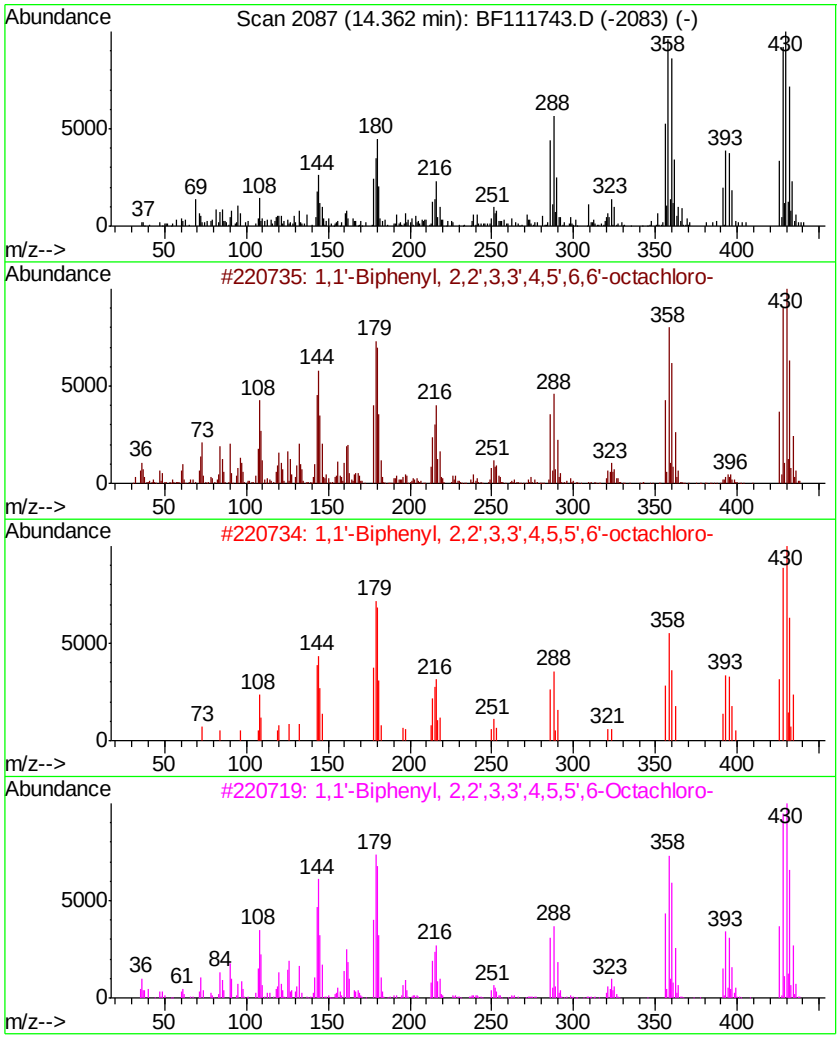
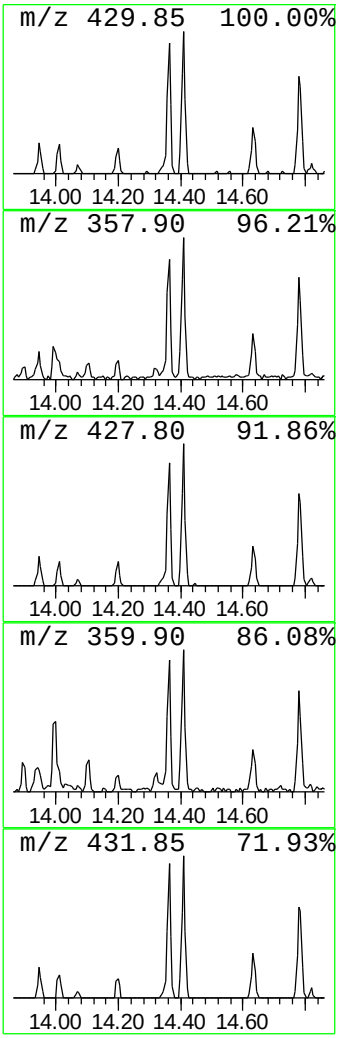
Peak Number 14 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	11.97 ng	377338	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	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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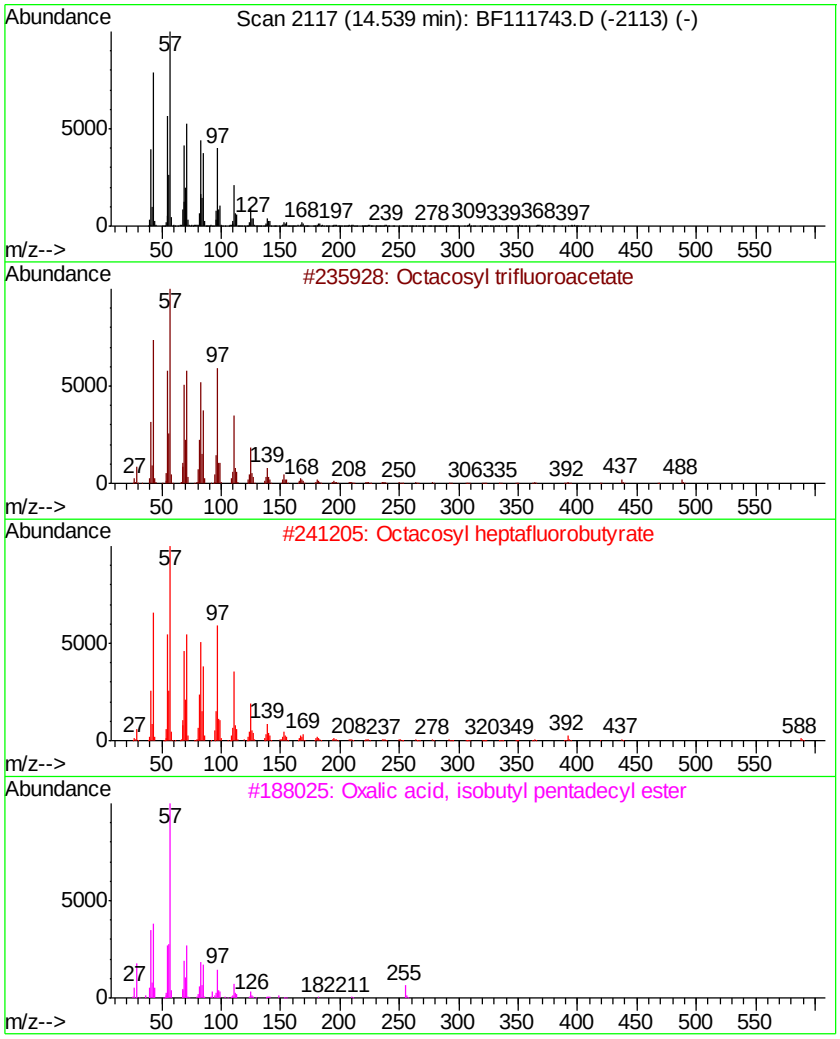
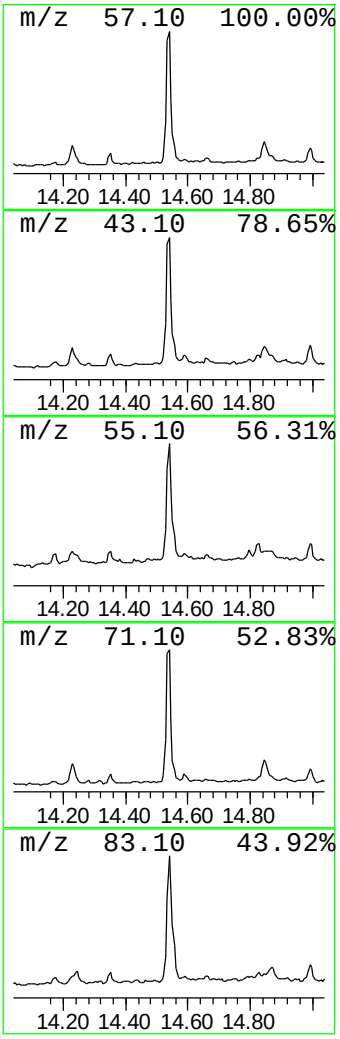
Peak Number 15 Octacosyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	63.35 ng	1996810	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





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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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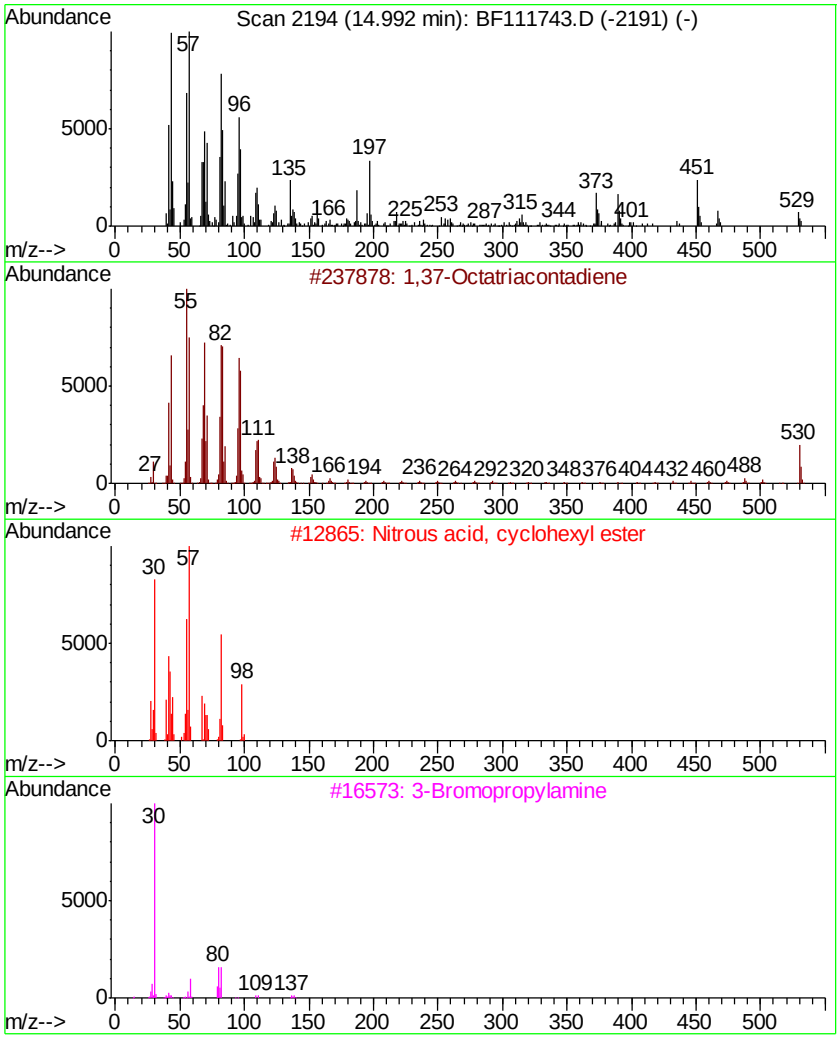
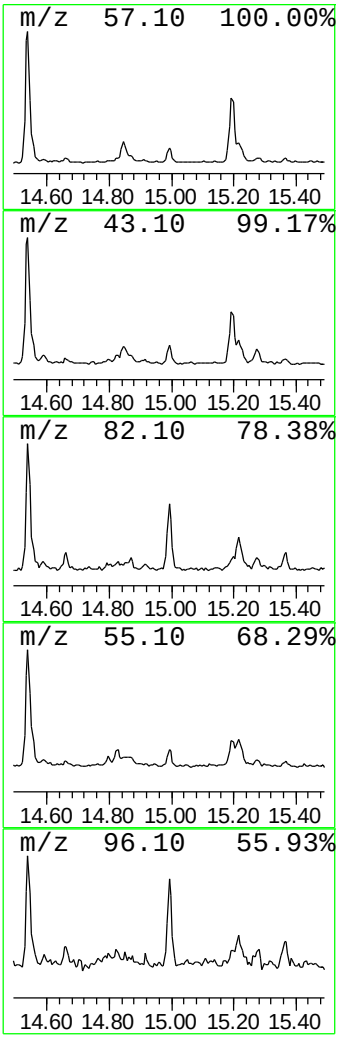
Peak Number 16 unknown14.99 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	14.21 ng	367423	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,37-Octatriacontadiene	531	C38H74	1000159-37-3	47
2	Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	12
3	3-Bromopropylamine	137	C3H8BrN	018370-81-5	12
4	3(2H)-Pyridazinone	96	C4H4N2O	000504-30-3	9
5	Tetradecanoic acid, 2-hydroxy-, ...	258	C15H30O3	056009-40-6	9





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ClientSampleId : P001-SS021-0006-01

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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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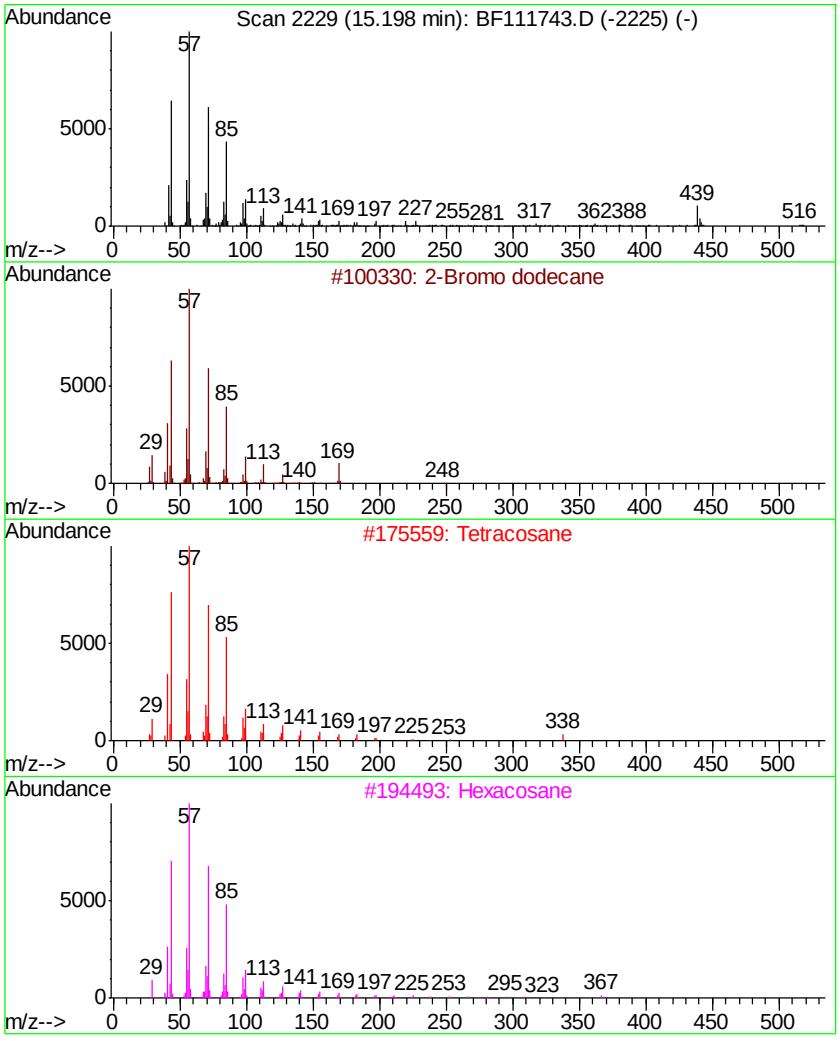
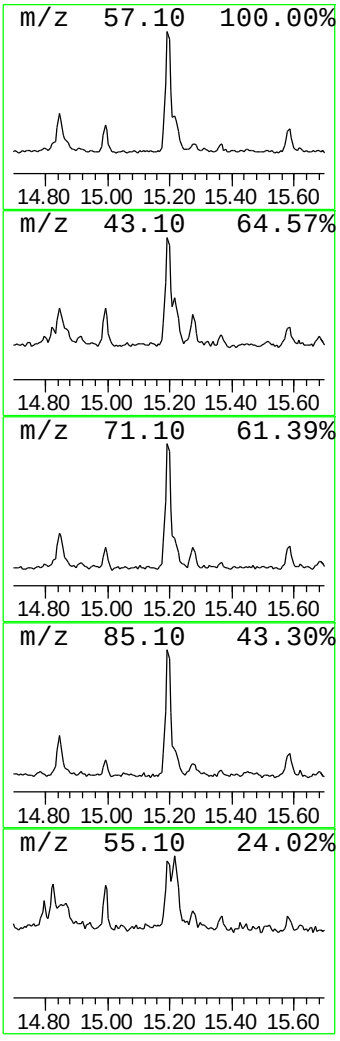
Peak Number 17 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	29.41 ng	760192	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	Tetracosane	338	C24H50	000646-31-1	70
3	Hexacosane	366	C26H54	000630-01-3	70
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	70
5	Octacosane	394	C28H58	000630-02-4	70





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Sample : J6446-08
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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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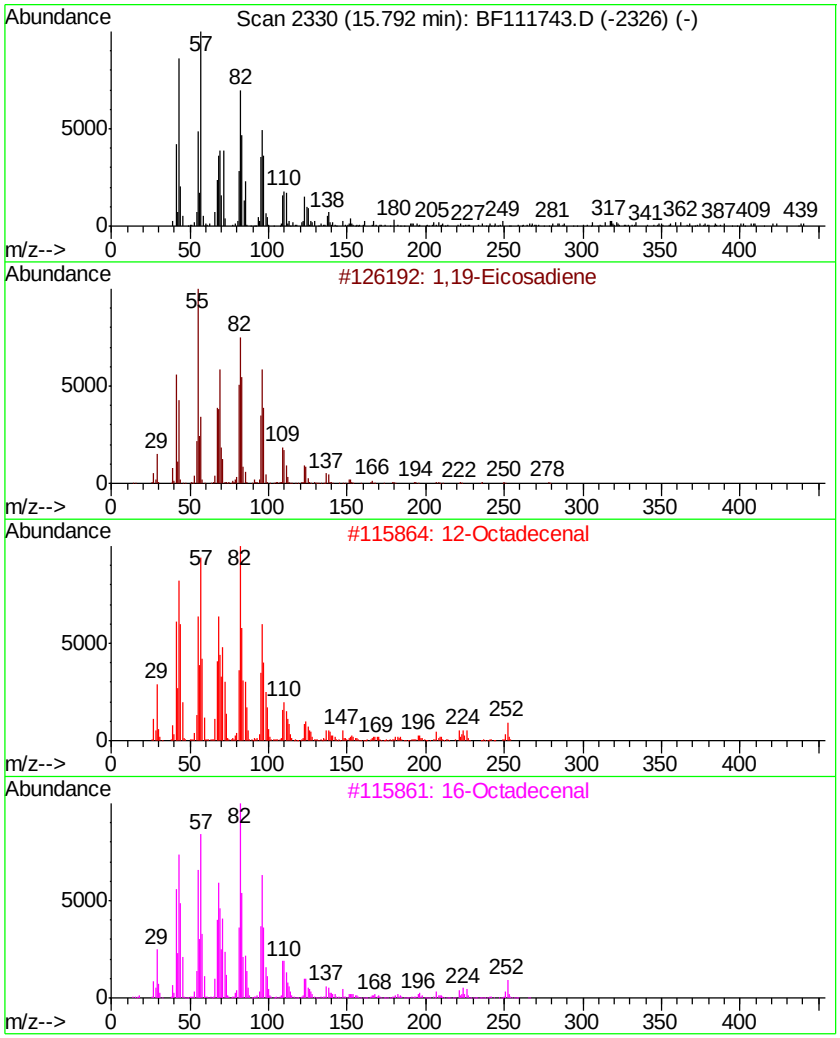
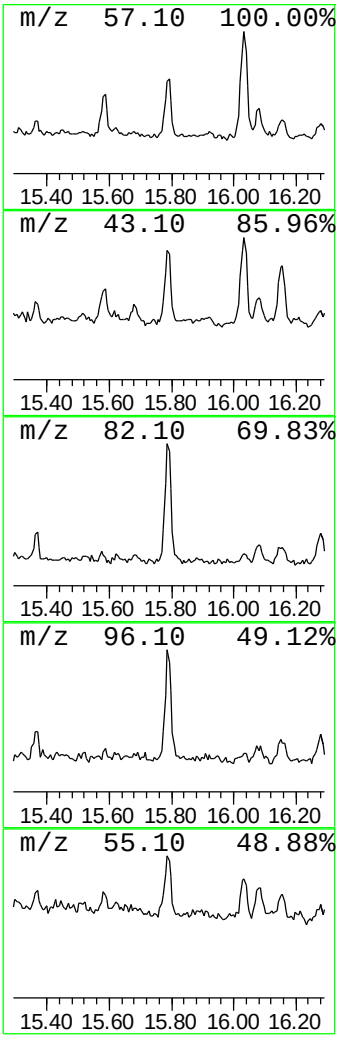
Peak Number 18 1,19-Eicosadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	14.05 ng	363218	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	12-Octadecenal	266	C18H34O	056554-91-7	91
3	16-Octadecenal	266	C18H34O	056554-87-1	74
4	Octadecanal	268	C18H36O	000638-66-4	74
5	17-Octadecenal	266	C18H34O	056554-86-0	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111743.D
Acq On : 27 Dec 2018 4:45
Operator : JU/SJ
Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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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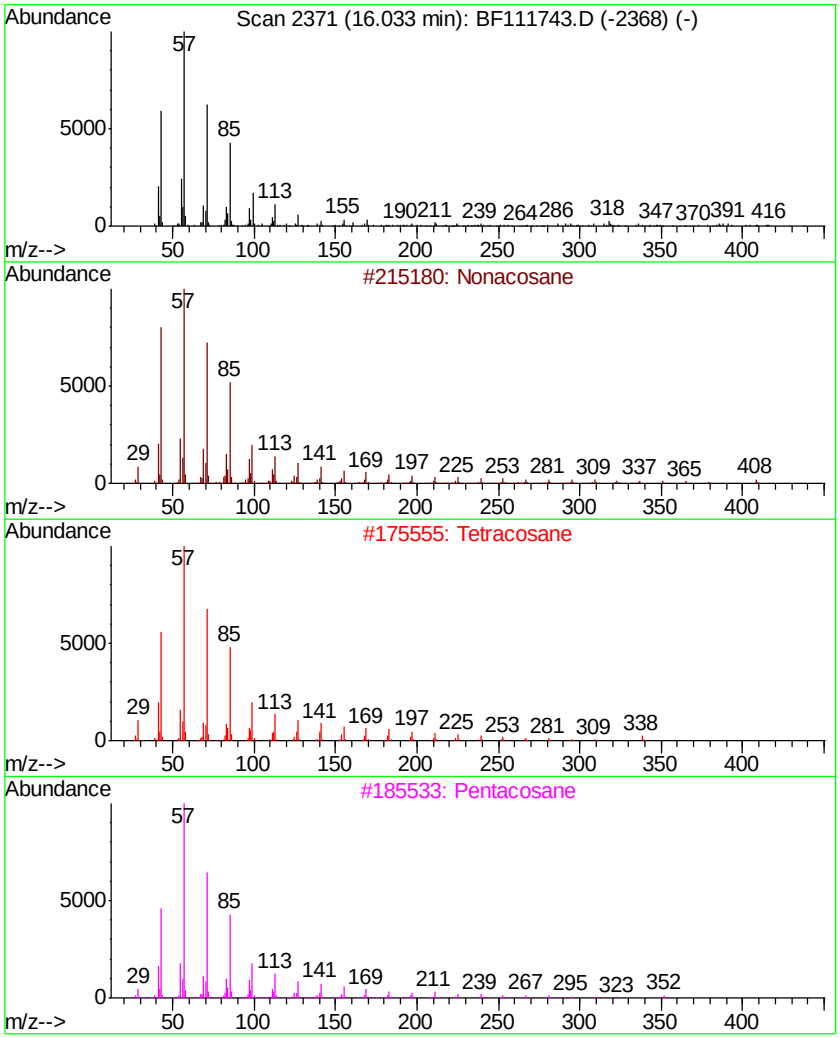
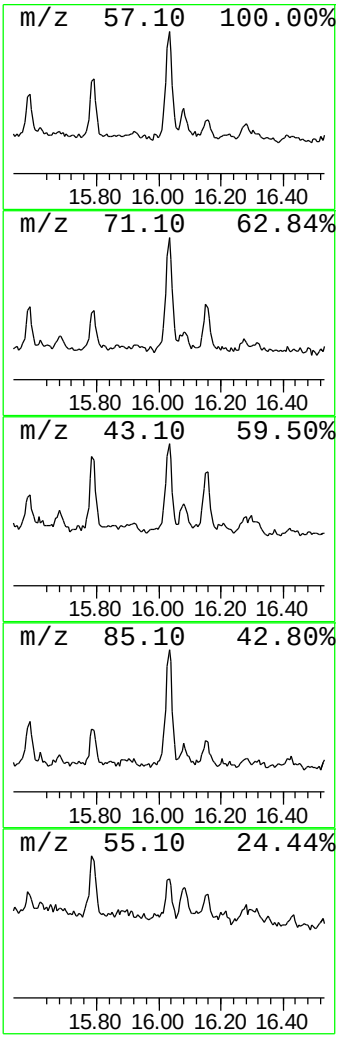
Peak Number 19 Nonacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	12.05 ng	311609	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Pentacosane	352	C25H52	000629-99-2	83
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111743.D
Acq On : 27 Dec 2018 4:45
Operator : JU/SJ
Sample : J6446-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01

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
unknown6.67	6.67	36.3	ng	1310080	1	6.90	722567	20.0
1,1'-Biphenyl, 2,...	12.56	11.9	ng	556888	4	11.43	936422	20.0
1,1'-Biphenyl, 2,...	13.11	15.3	ng	482507	5	14.07	630379	20.0
2,3',4,4',5',6-He...	13.20	43.8	ng	1380500	5	14.07	630379	20.0
2,3,3',4,5',6-Hex...	13.39	48.4	ng	1526730	5	14.07	630379	20.0
2,2',3,4',5,6-Hex...	13.49	21.9	ng	688771	5	14.07	630379	20.0
1,1'-Biphenyl, 2,...	13.60	43.3	ng	1364290	5	14.07	630379	20.0
2,2',3,4,4',6,6'-...	13.71	28.3	ng	891673	5	14.07	630379	20.0
1,1'-Biphenyl, 2,...	13.75	13.2	ng	414816	5	14.07	630379	20.0
1,1'-Biphenyl, 2,...	13.90	62.0	ng	1954590	5	14.07	630379	20.0
1,1'-Biphenyl, 2,...	14.32	20.4	ng	643079	5	14.07	630379	20.0
1,1'-Biphenyl, 2,...	14.36	12.0	ng	377338	5	14.07	630379	20.0
Octacosyl trifluo...	14.54	63.4	ng	1996810	5	14.07	630379	20.0
unknown14.99	14.99	14.2	ng	367423	6	15.56	517013	20.0
2-Bromo dodecane	15.20	29.4	ng	760192	6	15.56	517013	20.0
1,19-Eicosadiene	15.79	14.1	ng	363218	6	15.56	517013	20.0
Nonacosane	16.03	12.1	ng	311609	6	15.56	517013	20.0