LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111708.D
Acq On : 26 Dec 2018 11:41
Operator : JU/SJ
Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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	3.993	318	324	330	rBV	153576	206292	2.62%	0.178%
2	5.116	510	515	519	rBV	198471	210170	2.67%	0.181%
3	5.534	581	586	589	rVB	2822781	2808172	35.64%	2.417%
4	6.539	749	757	762	rBV2	3121489	3287357	41.72%	2.829%
5	6.675	776	780	783	rBV	3527923	2978835	37.81%	2.563%
6	6.904	815	819	822	rBV	1038794	921341	11.69%	0.793%
7	7.057	842	845	849	rBV	2621331	2303503	29.23%	1.982%
8	7.304	880	887	896	rVB	117049	136856	1.74%	0.118%
9	7.457	908	913	916	rBV	2226836	1849919	23.48%	1.592%
10	7.669	945	949	952	rVB	267849	234203	2.97%	0.202%
11	7.833	974	977	983	rBV	86932	101703	1.29%	0.088%
12	7.904	983	989	994	rBV2	97722	156498	1.99%	0.135%
13	8.110	1021	1024	1030	rBV2	103698	143787	1.82%	0.124%
14	8.181	1033	1036	1040	rVB	1152195	1011292	12.83%	0.870%
15	8.710	1123	1126	1129	rBV	198703	159900	2.03%	0.138%
16	8.933	1161	1164	1172	rBV	184976	200068	2.54%	0.172%
17	9.257	1215	1219	1222	rBV	3844698	3115892	39.54%	2.681%
18	9.357	1232	1236	1238	rBV2	114385	117498	1.49%	0.101%
19	9.386	1238	1241	1247	rVB	88105	91358	1.16%	0.079%
20	9.645	1280	1285	1294	rVB	763995	806948	10.24%	0.694%
21	9.851	1318	1320	1325	rVB3	112184	114613	1.45%	0.099%
22	9.939	1329	1335	1338	rBV	1234086	1144287	14.52%	0.985%
23	10.104	1360	1363	1365	rBV	86121	80305	1.02%	0.069%
24	10.139	1366	1369	1372	rVV	127491	111706	1.42%	0.096%
25	10.345	1400	1404	1407	rBV3	94010	109359	1.39%	0.094%
26	10.451	1419	1422	1426	rBV3	124387	132274	1.68%	0.114%
27	10.722	1464	1468	1472	rBV	2339694	2155277	27.35%	1.855%
28	10.845	1486	1489	1492	rBV4	77898	101604	1.29%	0.087%
29	10.880	1492	1495	1498	rVV2	145514	123646	1.57%	0.106%
30	10.922	1498	1502	1505	rVV3	94097	141911	1.80%	0.122%
31	10.969	1506	1510	1515	rVV3	139104	165921	2.11%	0.143%
32	11.086	1524	1530	1534	rBV3	375580	551825	7.00%	0.475%
33	11.127	1534	1537	1543	rVV2	531260	565628	7.18%	0.487%
34	11.174	1543	1545	1551	rVB3	229561	248644	3.16%	0.214%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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	11.298	1563	1566	1569	rBV2	124077	146658	1.86%	0.126%
36	11.398	1581	1583	1584	rBV	391177	294895	3.74%	0.254%
37	11.421	1584	1587	1591	rVV	1482850	1278105	16.22%	1.100%
38	11.469	1592	1595	1600	rVB	1351765	1345456	17.08%	1.158%
39	11.539	1601	1607	1611	rBV2	681181	901115	11.44%	0.775%
40	11.580	1611	1614	1619	rVB	610962	600458	7.62%	0.517%
41	11.645	1622	1625	1630	rVB	1263142	1168536	14.83%	1.006%
42	11.769	1642	1646	1648	rBV3	238360	290391	3.69%	0.250%
43	11.968	1674	1680	1684	rBV	3306092	3997815	50.74%	3.440%
44	12.039	1689	1692	1695	rVB2	356858	327085	4.15%	0.281%
45	12.074	1695	1698	1700	rBV	449320	355291	4.51%	0.306%
46	12.127	1705	1707	1710	rVB2	190610	168785	2.14%	0.145%
47	12.204	1718	1720	1723	rVB	218942	162369	2.06%	0.140%
48	12.286	1732	1734	1737	rBV2	146819	141515	1.80%	0.122%
49	12.427	1752	1758	1768	rVB2	636905	1672623	21.23%	1.439%
50	12.551	1774	1779	1783	rBV3	1127138	1533967	19.47%	1.320%
51	12.668	1796	1799	1800	rBV	291999	277411	3.52%	0.239%
52	12.763	1811	1815	1823	rVB	4466228	5209064	66.11%	4.483%
53	12.892	1834	1837	1841	rBV3	228500	346495	4.40%	0.298%
54	12.951	1845	1847	1850	rVB	261348	193472	2.46%	0.166%
55	13.010	1853	1857	1862	rVB	4067969	4256752	54.02%	3.663%
56	13.104	1870	1873	1876	rBV	1386107	1181644	15.00%	1.017%
57	13.133	1876	1878	1883	rVB2	616613	708002	8.99%	0.609%
58	13.198	1886	1889	1893	rVV	3344357	3488877	44.28%	3.002%
59	13.239	1893	1896	1901	rVB2	664870	889492	11.29%	0.765%
60	13.280	1901	1903	1906	rBV2	247855	198230	2.52%	0.171%
61	13.333	1909	1912	1917	rVB2	645092	697329	8.85%	0.600%
62	13.392	1918	1922	1924	rBV	4069911	3650462	46.33%	3.141%
63	13.421	1924	1927	1932	rVV2	1137446	992136	12.59%	0.854%
64	13.492	1936	1939	1942	rVV2	1839290	2054860	26.08%	1.768%
65	13.527	1942	1945	1948	rVV3	882921	1165735	14.79%	1.003%
66	13.557	1948	1950	1952	rVV2	424916	406251	5.16%	0.350%
67	13.604	1952	1958	1962	rVV2	2589129	3612577	45.85%	3.109%
68	13.639	1962	1964	1966	rVB	446906	330381	4.19%	0.284%
69	13.710	1972	1976	1979	rVB	2338067	2158697	27.40%	1.858%
70	13.751	1980	1983	1989	rBV	1156757	1045027	13.26%	0.899%
71	13.815	1991	1994	1996	rBV	348174	326079	4.14%	0.281%

LSC Area Percent Report

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Acq On : 26 Dec 2018 11:41
Operator : JU/SJ
Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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	13.839	1996	1998	2003	rBV5	235503	210524	2.67%	0.181%
73	13.904	2004	2009	2012	rBV4	3889725	6006687	76.23%	5.169%
74	13.968	2017	2020	2022	rVV2	448611	394111	5.00%	0.339%
75	14.045	2031	2033	2034	rBV	287969	197712	2.51%	0.170%
76	14.068	2034	2037	2039	rVB	1320693	1187090	15.07%	1.022%
77	14.104	2039	2043	2046	rBV	4116912	3764325	47.77%	3.239%
78	14.186	2053	2057	2061	rBV	788459	1236372	15.69%	1.064%
79	14.227	2062	2064	2066	rVV	480377	467939	5.94%	0.403%
80	14.274	2069	2072	2075	rVB	645337	607246	7.71%	0.523%
81	14.321	2076	2080	2083	rBV	1699715	1870865	23.74%	1.610%
82	14.362	2083	2087	2089	rBV2	852577	877015	11.13%	0.755%
83	14.410	2092	2095	2097	rBV	829635	675473	8.57%	0.581%
84	14.545	2113	2118	2123	rBV	6505059	7879404	100.00%	6.781%
85	14.633	2131	2133	2135	rBV2	332211	315919	4.01%	0.272%
86	14.727	2145	2149	2151	rBV	1218164	1701142	21.59%	1.464%
87	14.780	2155	2158	2163	rVB	1061373	1189833	15.10%	1.024%
88	14.827	2163	2166	2168	rBV	609664	720159	9.14%	0.620%
89	14.998	2191	2195	2199	rVB2	807090	899423	11.41%	0.774%
90	15.198	2225	2229	2231	rBV	2022461	2742723	34.81%	2.360%
91	15.221	2231	2233	2238	rVB2	2038635	2108056	26.75%	1.814%
92	15.280	2240	2243	2246	rVB	424595	456406	5.79%	0.393%
93	15.556	2286	2290	2293	rBV	837150	1087346	13.80%	0.936%
94	15.792	2326	2330	2334	rBV	527677	700613	8.89%	0.603%
95	16.033	2367	2371	2375	rBV	893789	1290503	16.38%	1.111%
96	16.080	2376	2379	2386	rVB	774594	1157650	14.69%	0.996%
97	16.156	2388	2392	2396	rVB	643105	915141	11.61%	0.788%
98	16.851	2506	2510	2516	rVB	388652	679386	8.62%	0.585%
99	17.350	2590	2595	2600	rBV2	383493	703548	8.93%	0.605%

Sum of corrected areas: 116205240

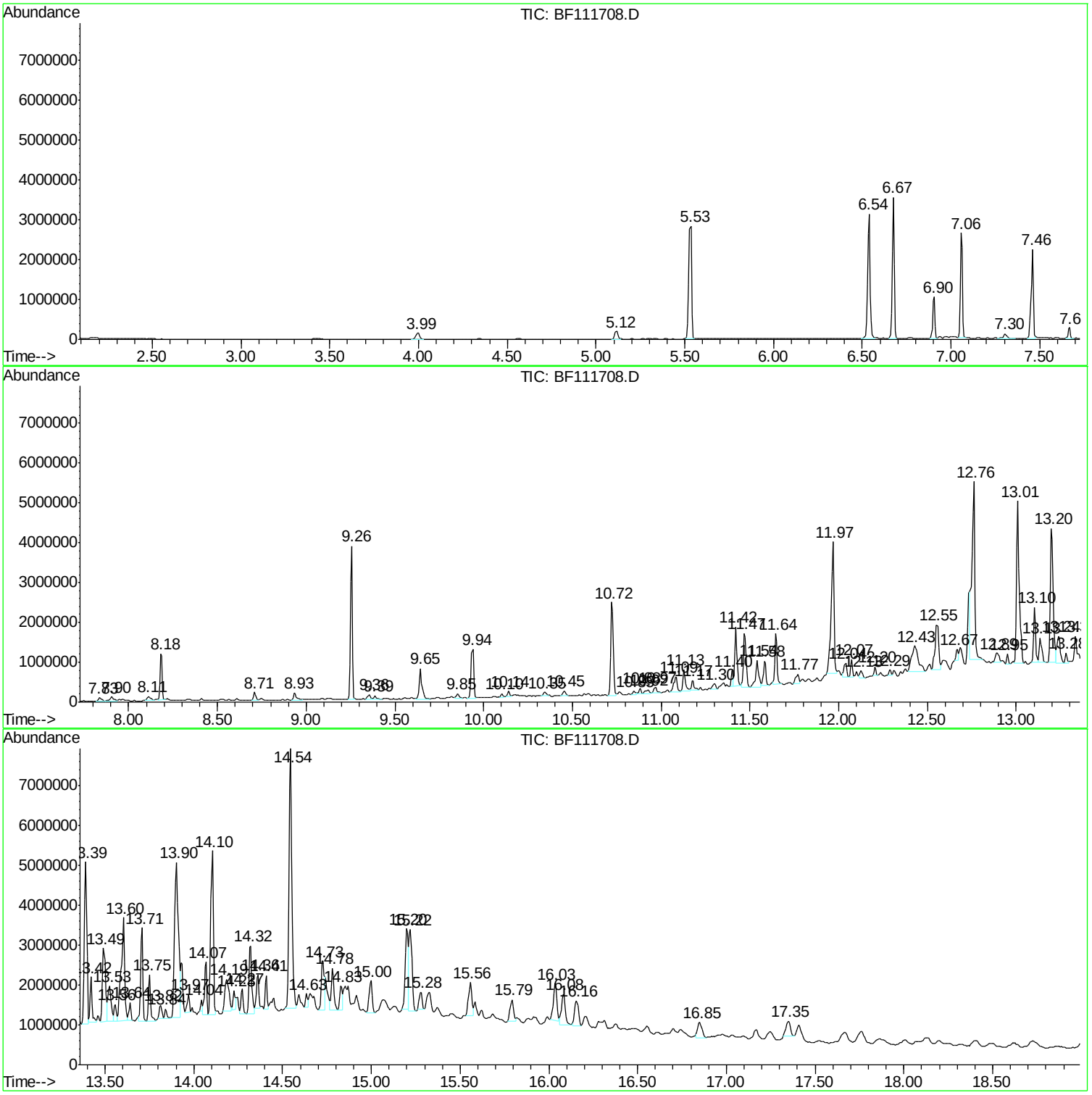
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111708.D
Acq On : 26 Dec 2018 11:41
Operator : JU/SJ
Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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 : BF111708.D
Acq On : 26 Dec 2018 11:41
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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

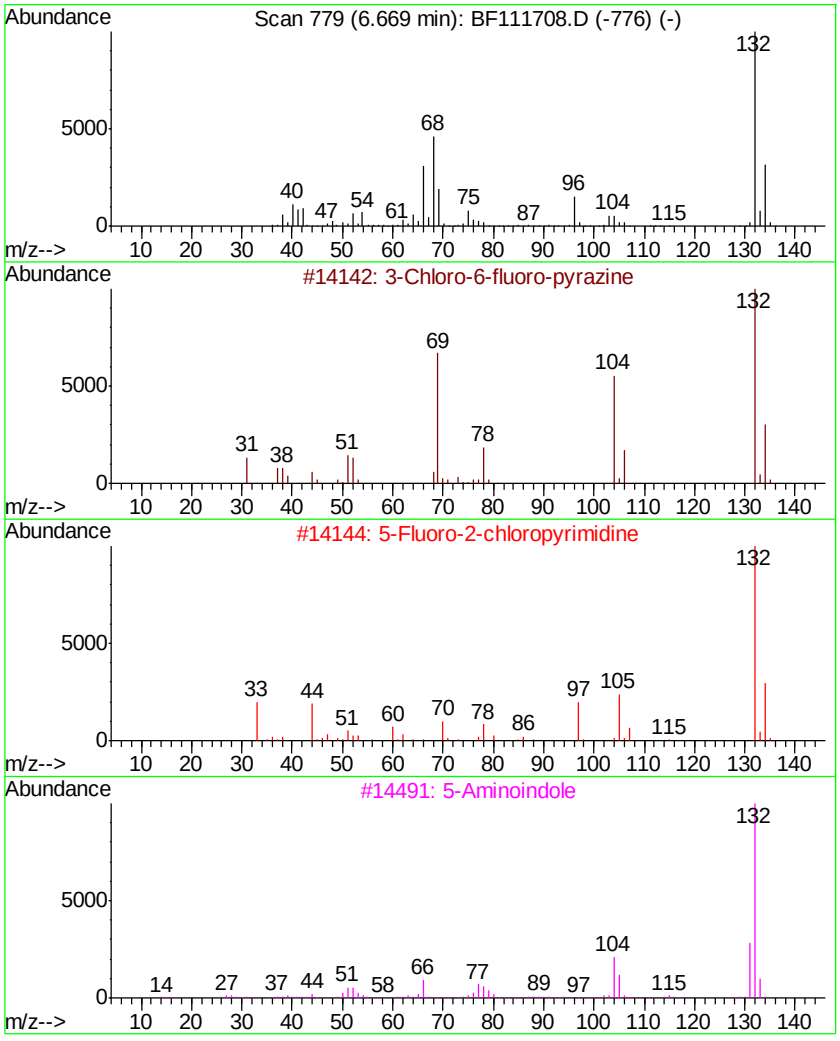
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

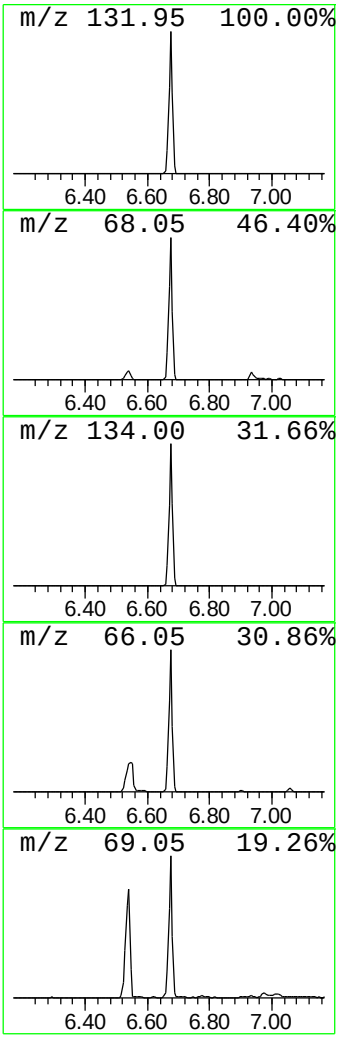
****

Peak Number 1 unknown6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	64.66 ng	2978840	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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111708.D
Acq On : 26 Dec 2018 11:41
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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

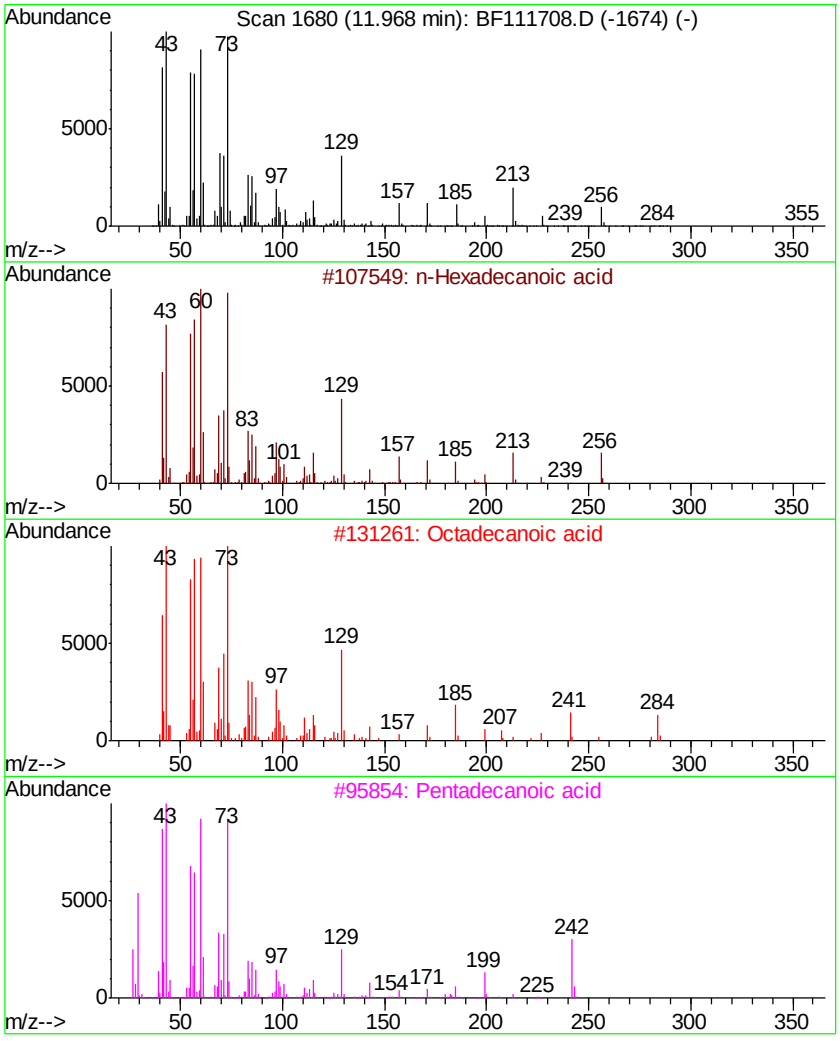
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

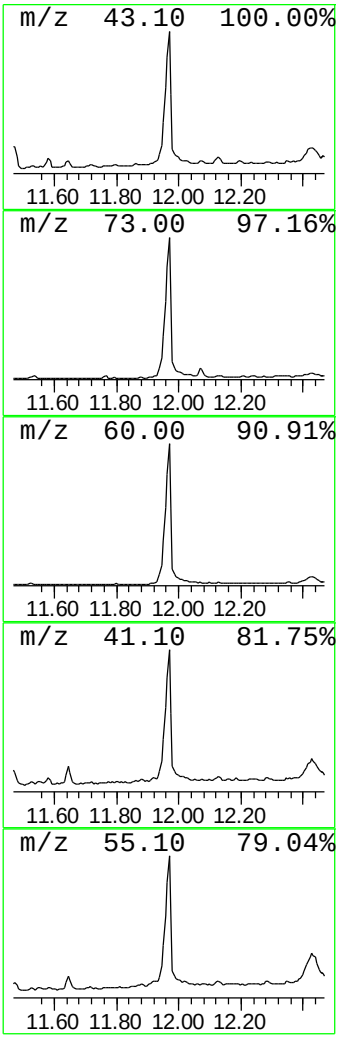
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	62.56 ng	3997820	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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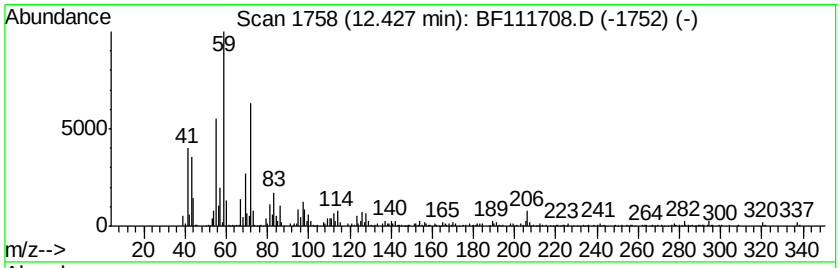
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

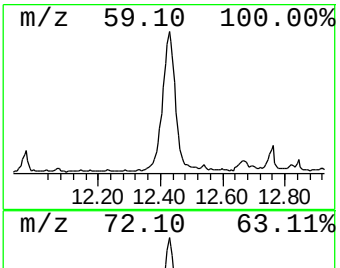
****

Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	26.17 ng	1672620	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	95
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
3	Dodecanamide	199	C12H25NO	001120-16-7	76
4	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	43
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	38





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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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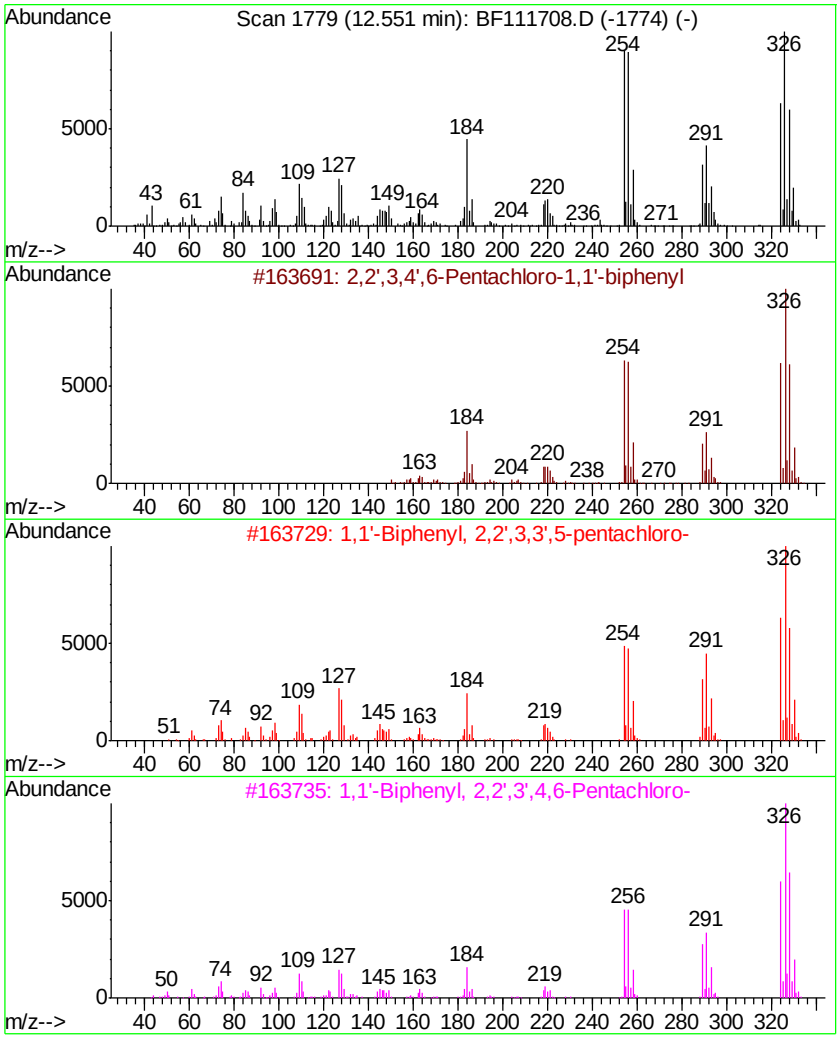
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

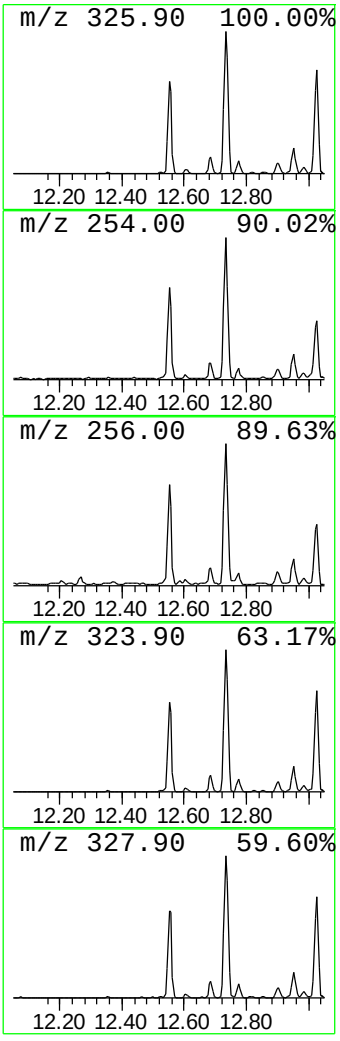
****

Peak Number 5 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	24.00 ng	1533970	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
2	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99





Library Search Compound Report

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Data File : BF111708.D
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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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

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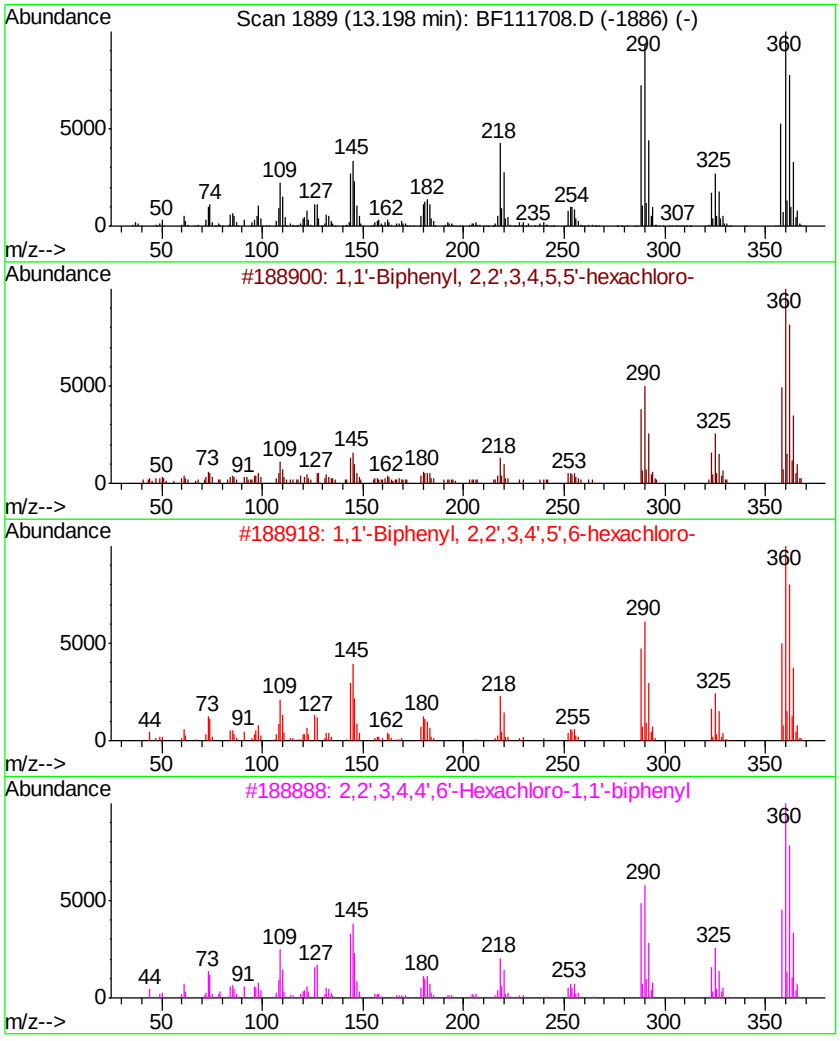
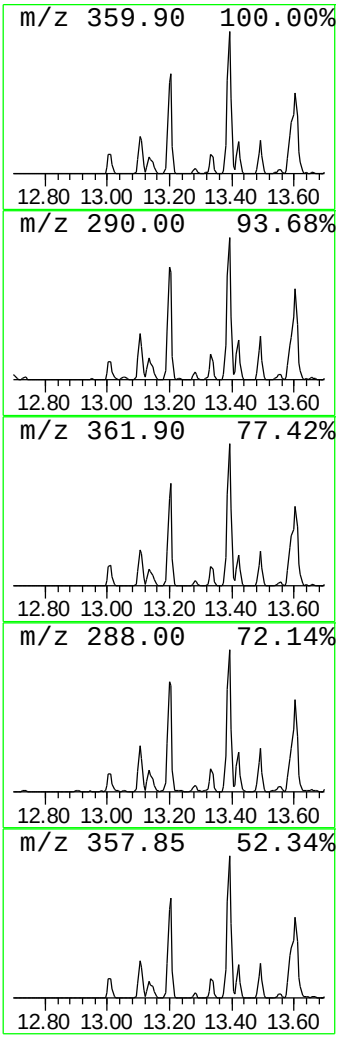
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	58.78 ng	3488880	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99





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Acq On : 26 Dec 2018 11:41
Operator : JU/SJ
Sample : J6446-02
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

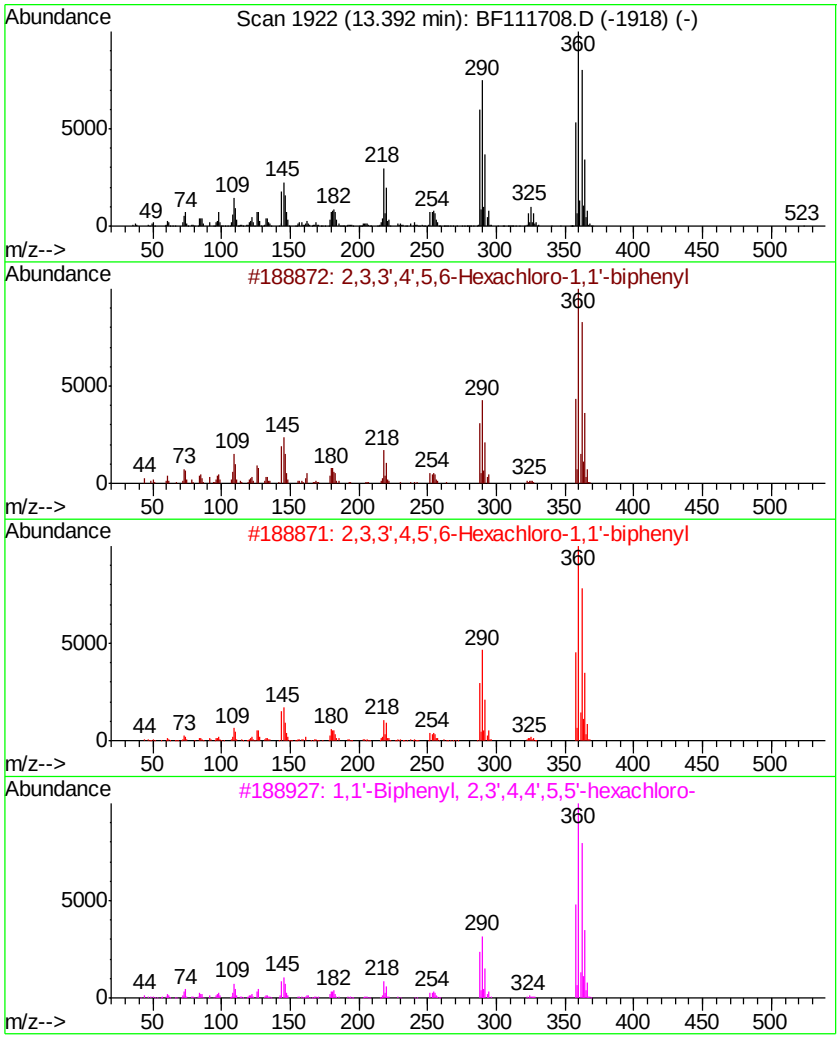
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

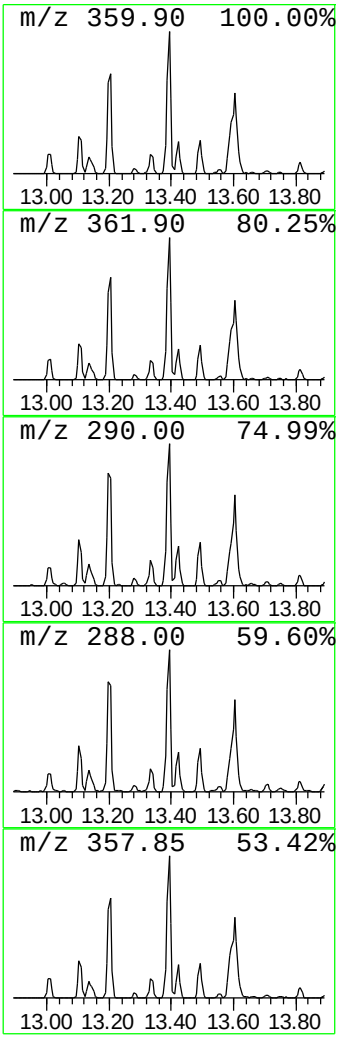
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	61.50 ng	3650460	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	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





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Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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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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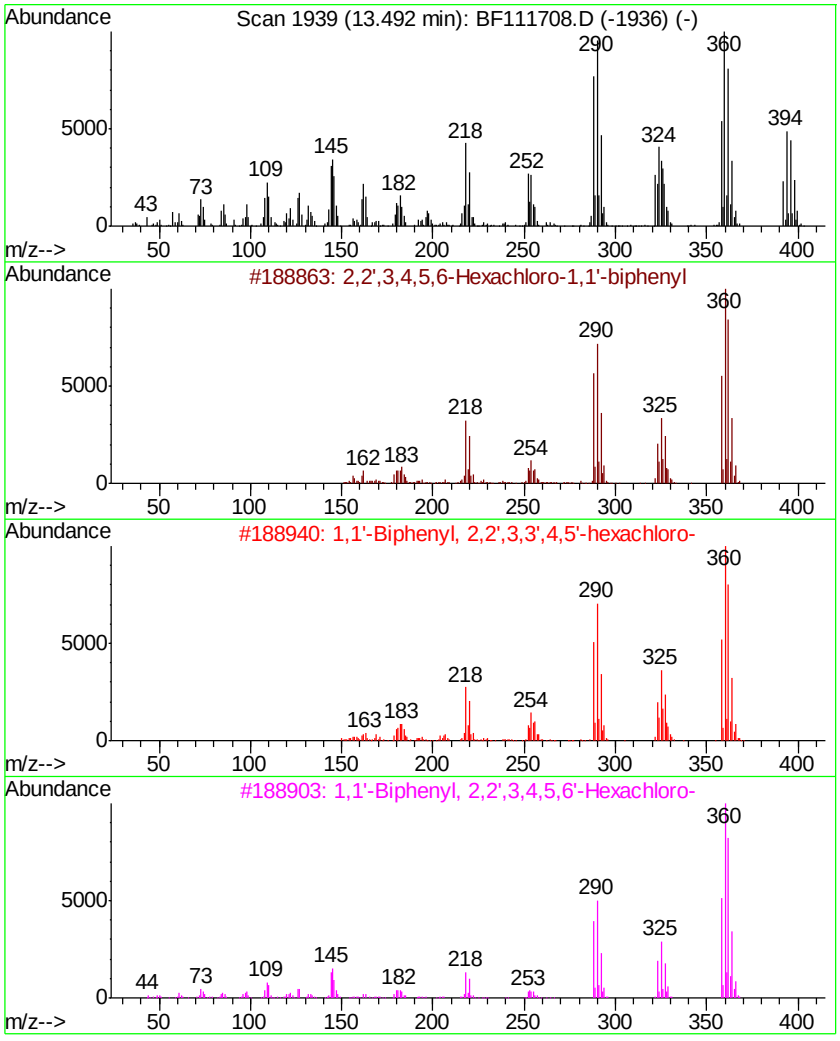
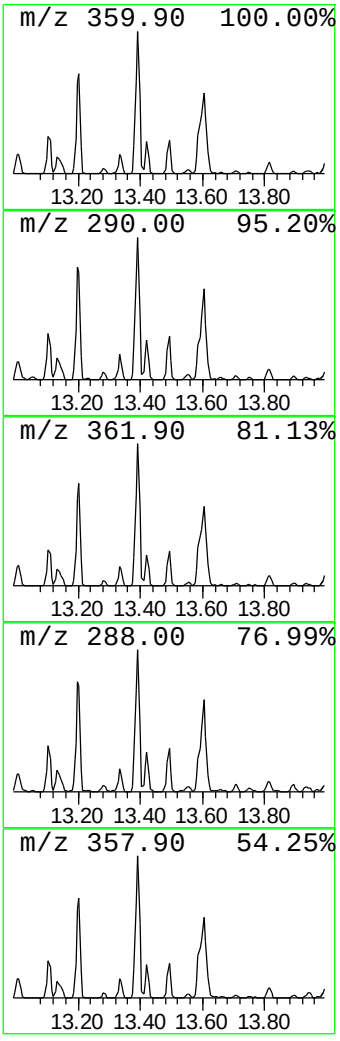
Peak Number 8 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	34.62 ng	2054860	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	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	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'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





Library Search Compound Report

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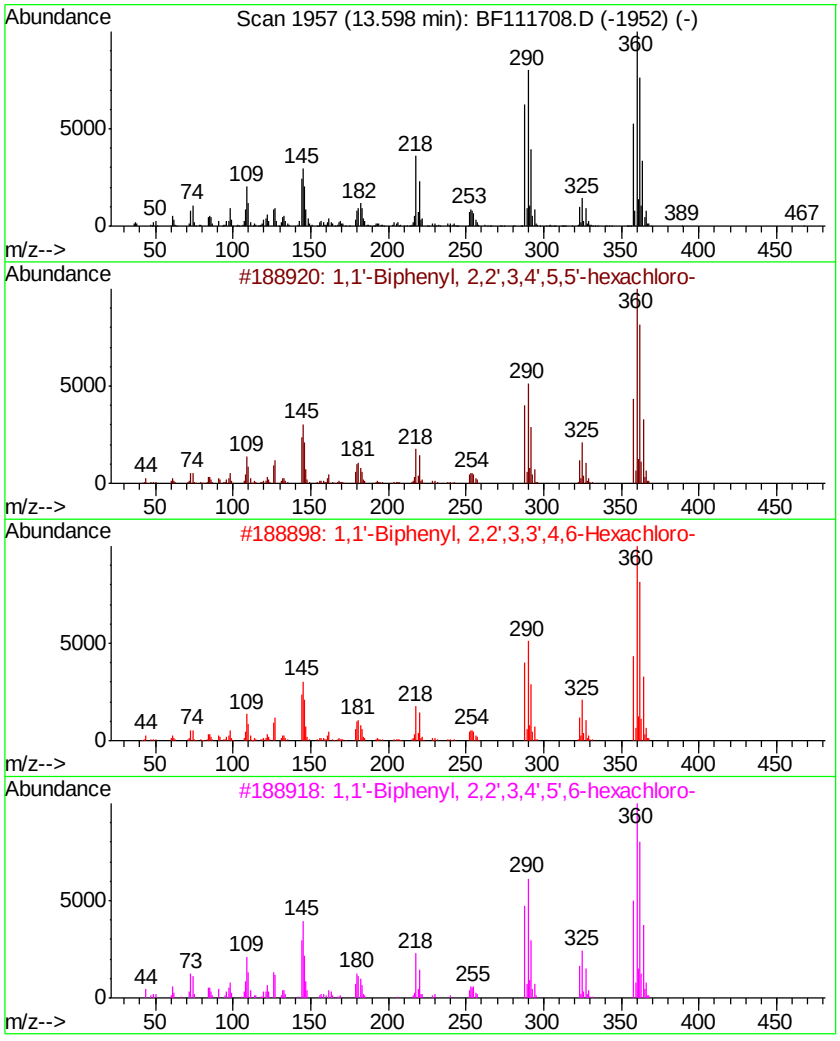
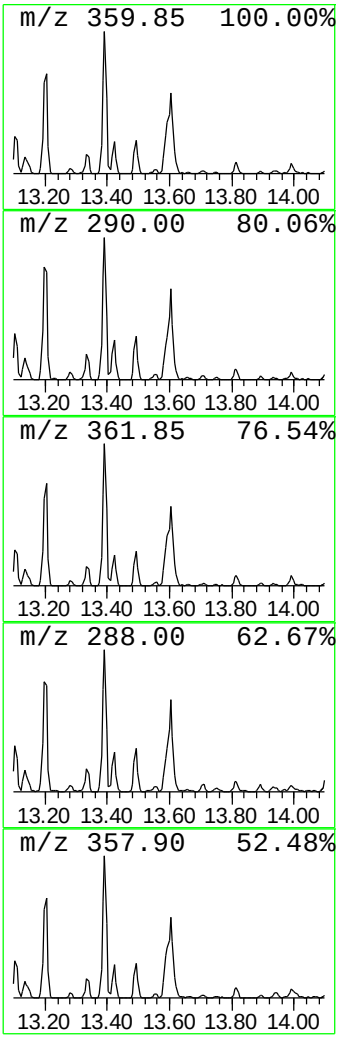
Peak Number 9 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	60.86 ng	3612580	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	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99





Library Search Compound Report

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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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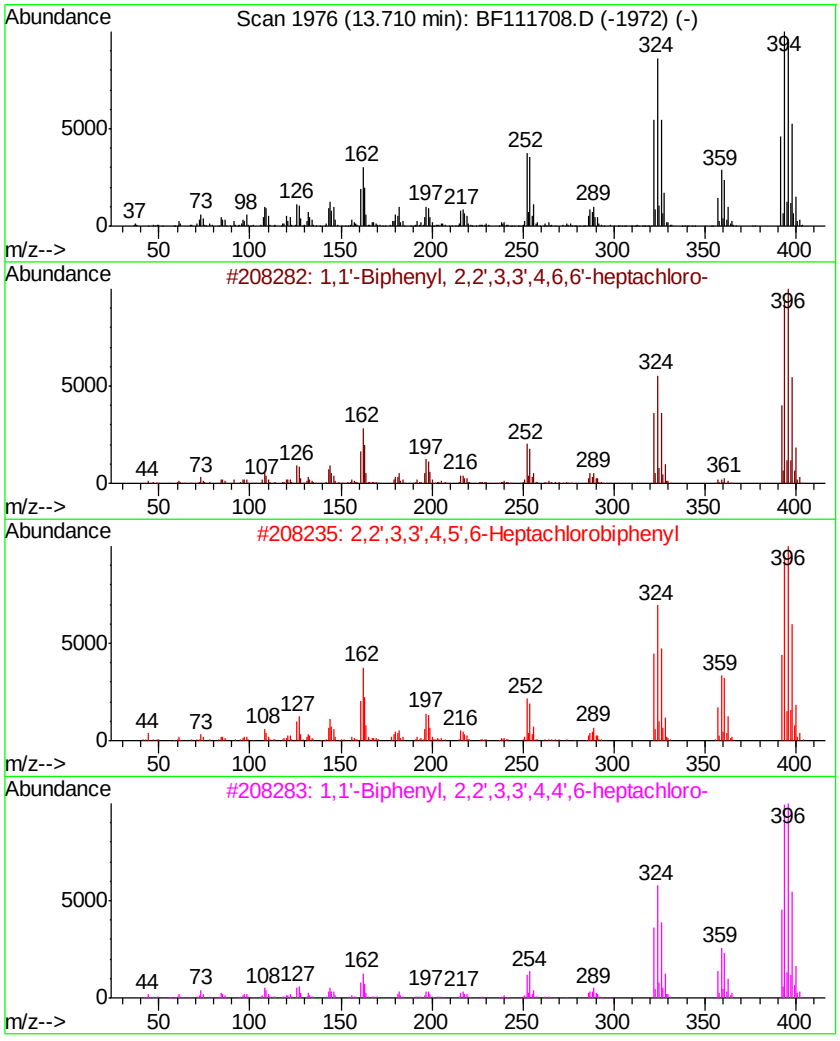
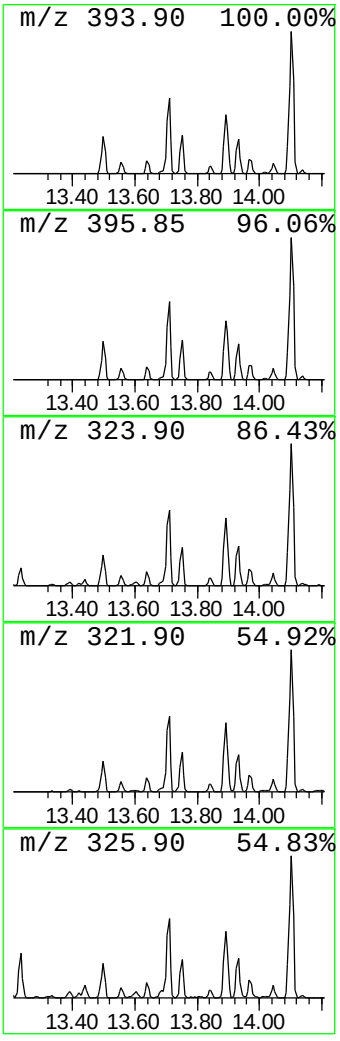
Peak Number 10 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	36.37 ng	2158700	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99





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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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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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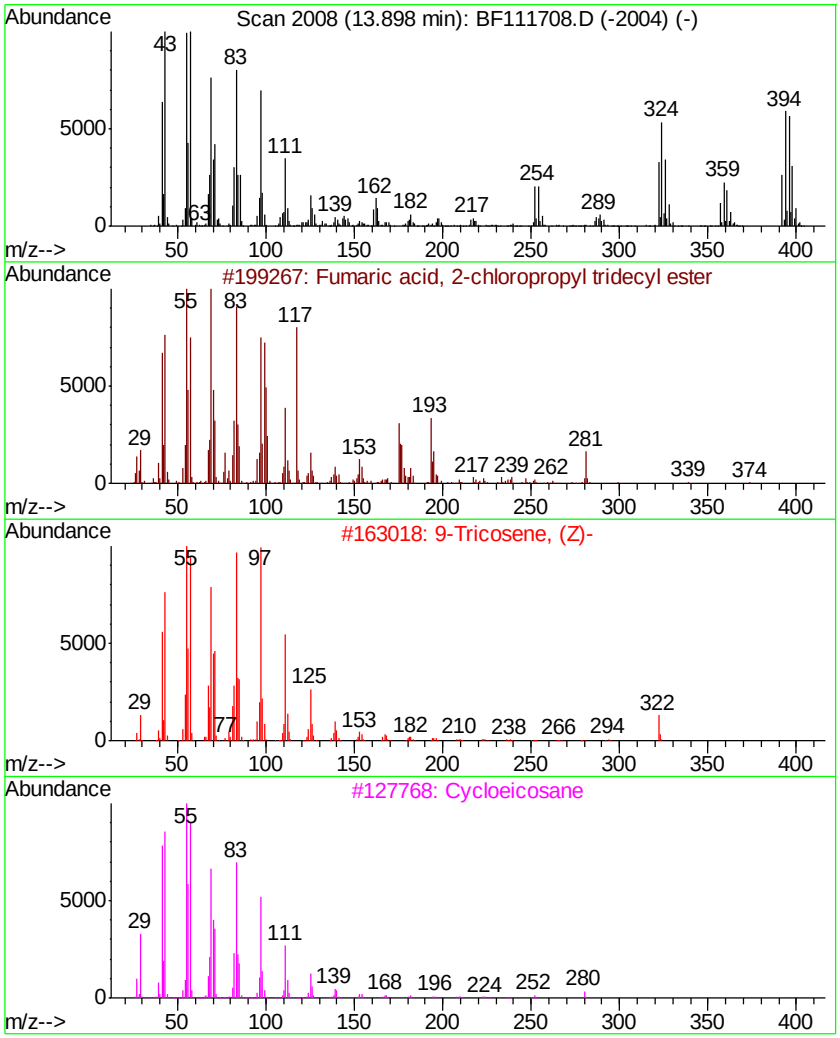
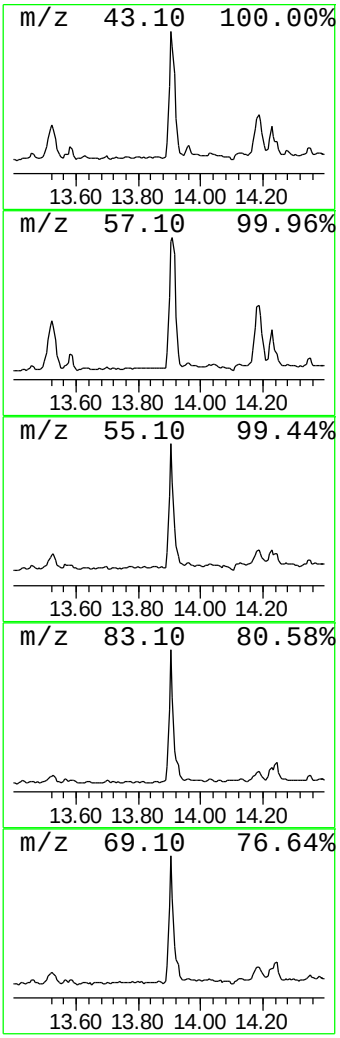
Peak Number 11 Fumaric acid, 2-chloropropy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	101.20 ng	6006690	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3	Cycloeicosane	280	C20H40	000296-56-0	95
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5	Cyclooctacosane	392	C28H56	000297-24-5	94





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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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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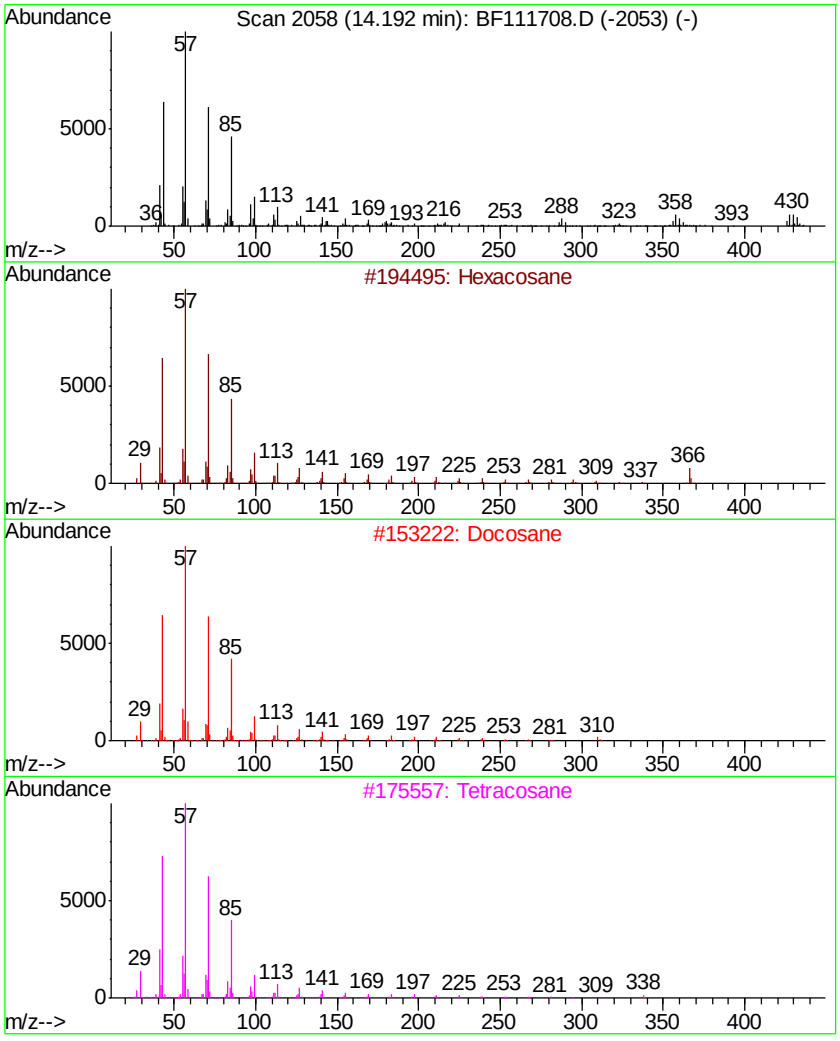
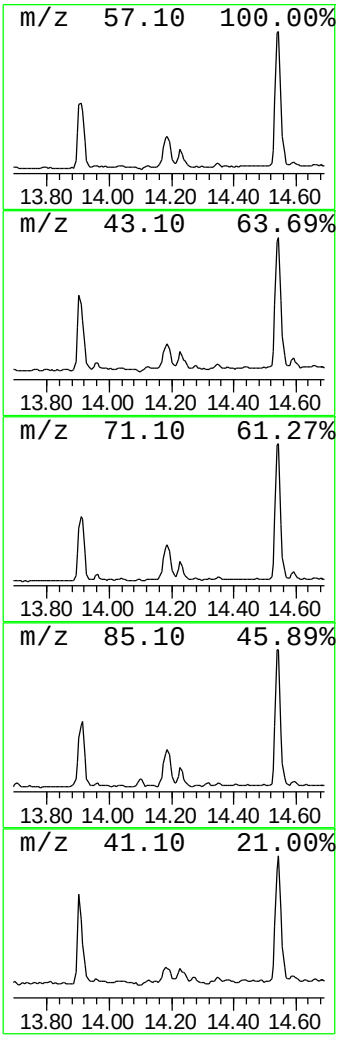
Peak Number 12 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	20.83 ng	1236370	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Docosane	310	C22H46	000629-97-0	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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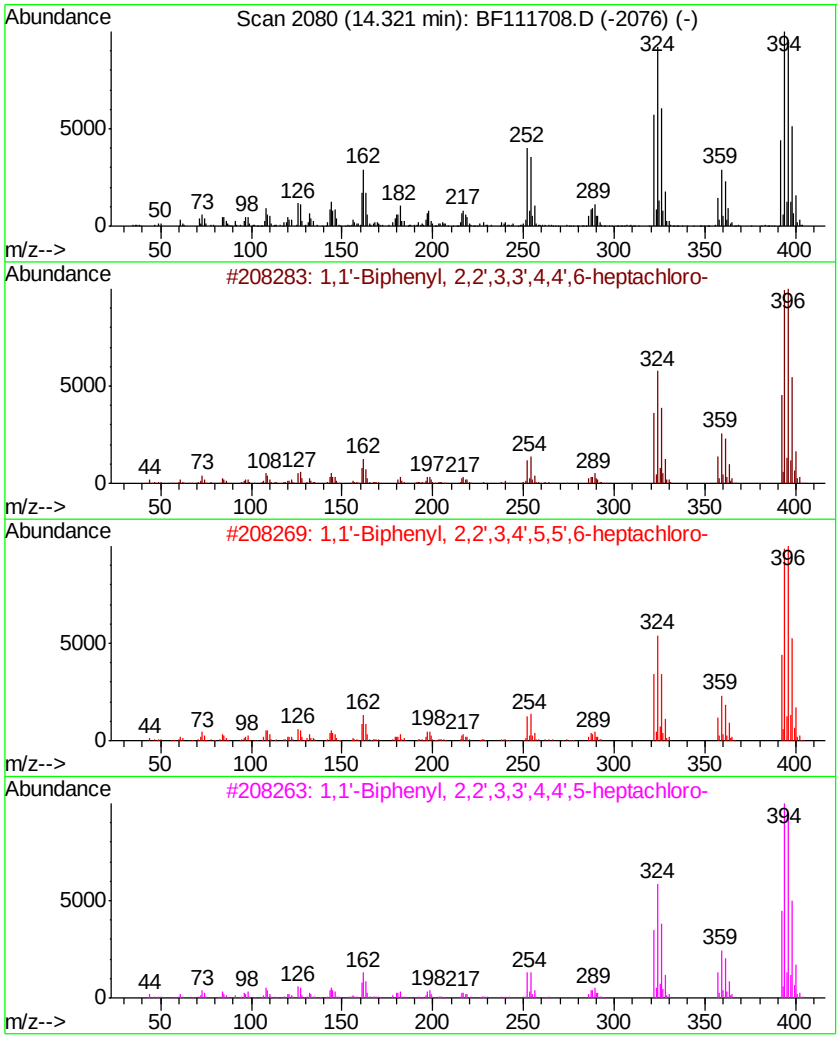
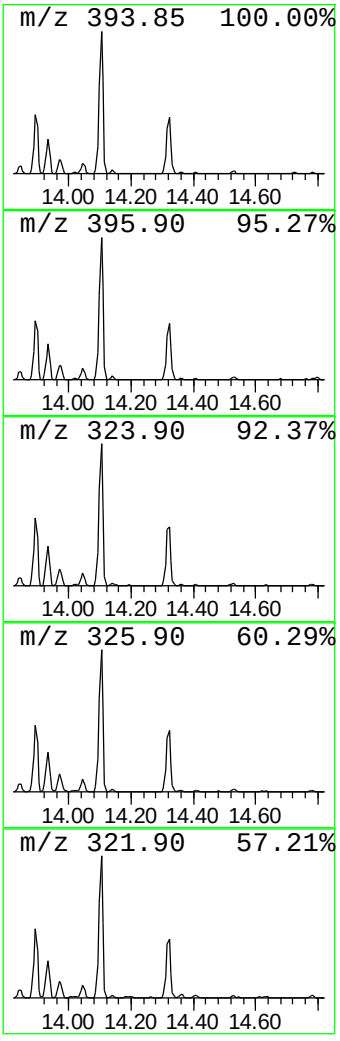
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	31.52 ng	1870870	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',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	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',5,5',6-...	392	C12H3Cl7	052663-67-9	99
5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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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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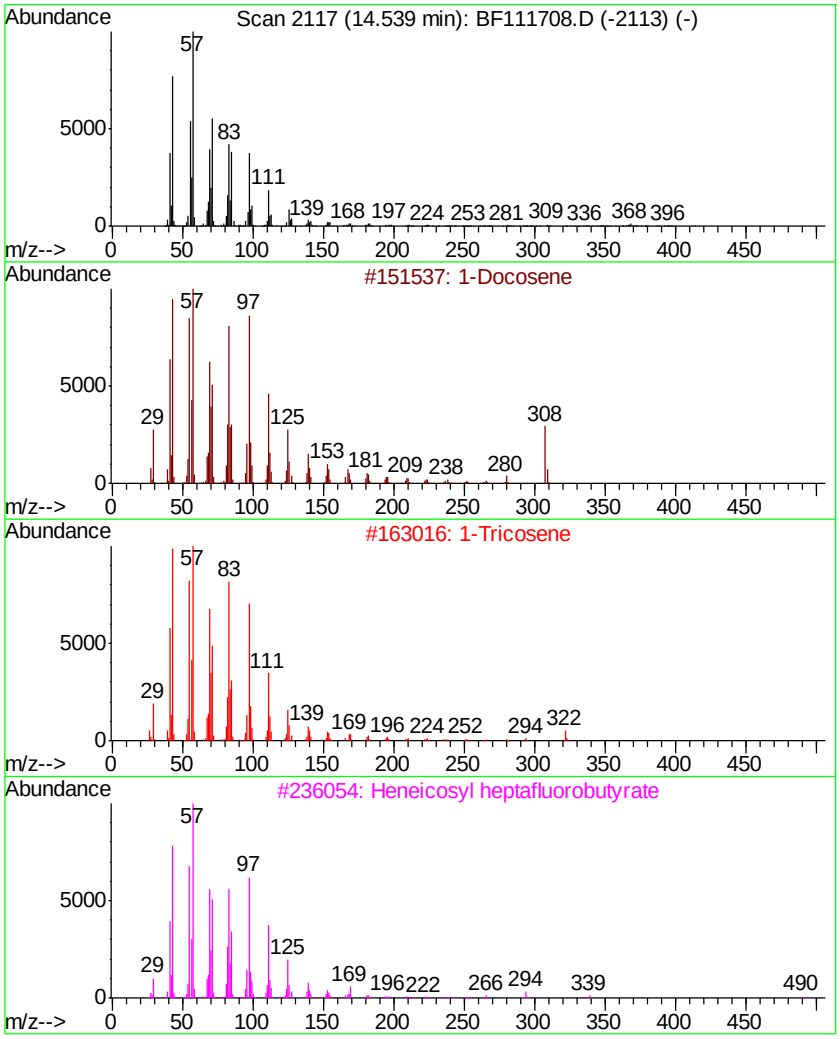
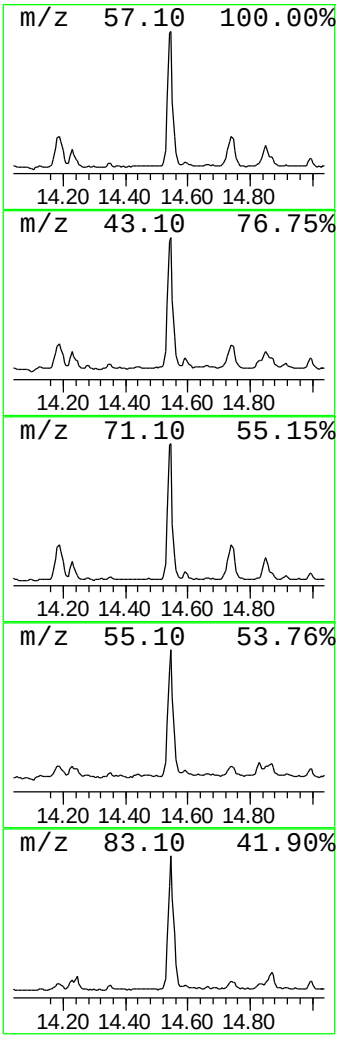
Peak Number 14 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	132.75 ng	7879400	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Tricosene	322	C23H46	018835-32-0	93
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81





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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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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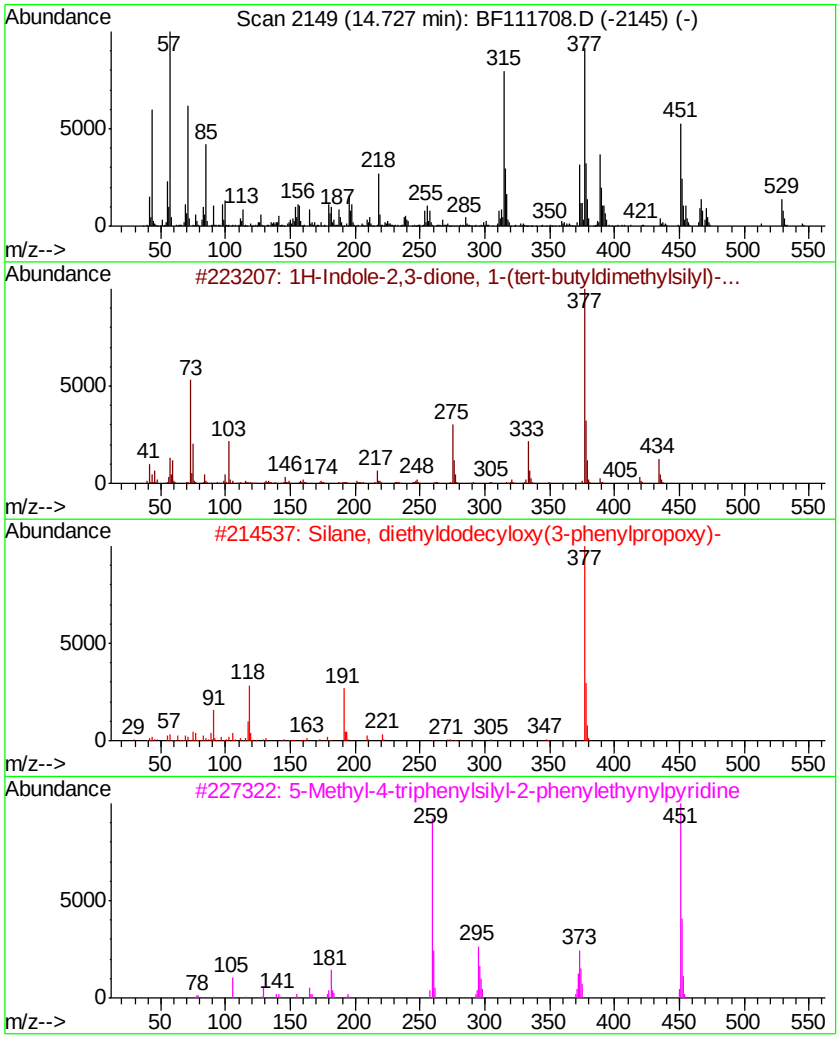
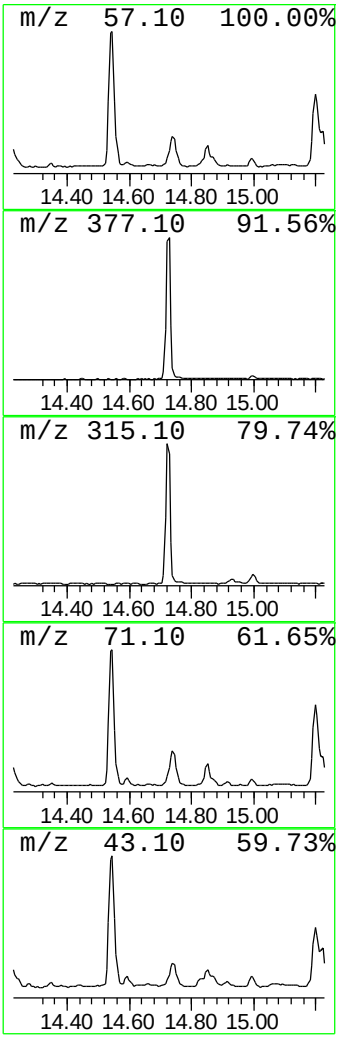
Peak Number 15 unknown14.73 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	28.66 ng	1701140	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-2,3-dione, 1-(tert-but...	434	C22H38N2O3Si2	1000143-19-3	12
2	Silane, diethyldodecyloxy(3-phen...	406	C25H46O2Si	1000363-15-2	12
3	5-Methyl-4-triphenylsilyl-2-phen...	451	C32H25NSi	037965-31-4	11
4	Cholest-3-eno[3,4-b]pyridine, 2'...	451	C31H49NO	1000210-91-6	10
5	Iodofenphos	412	C8H8Cl2IO3PS	018181-70-9	10





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Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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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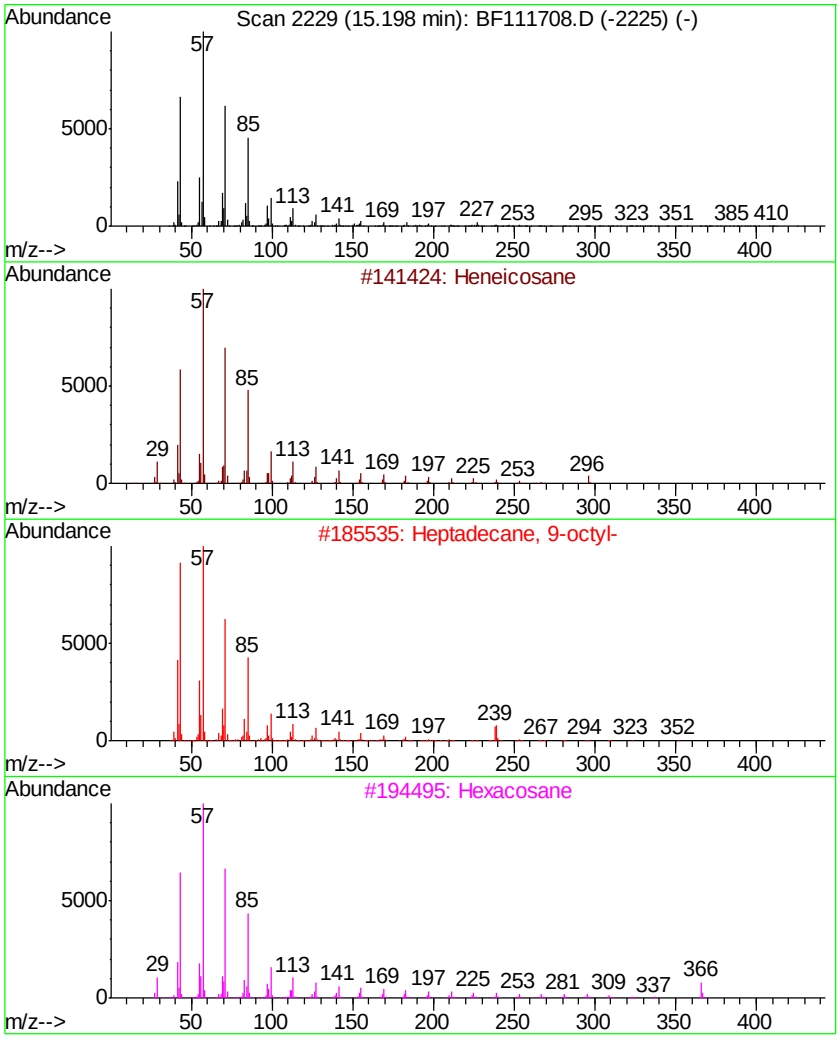
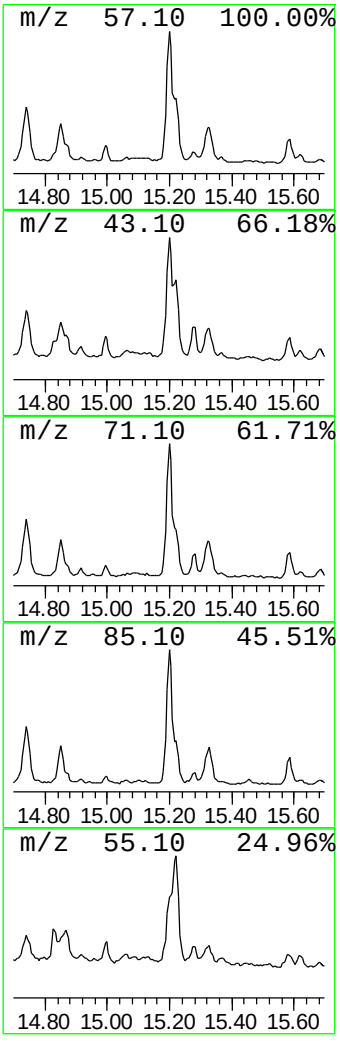
Peak Number 17 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	50.45 ng	2742720	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
3	Hexacosane	366	C26H54	000630-01-3	95
4	Docosane	310	C22H46	000629-97-0	95
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	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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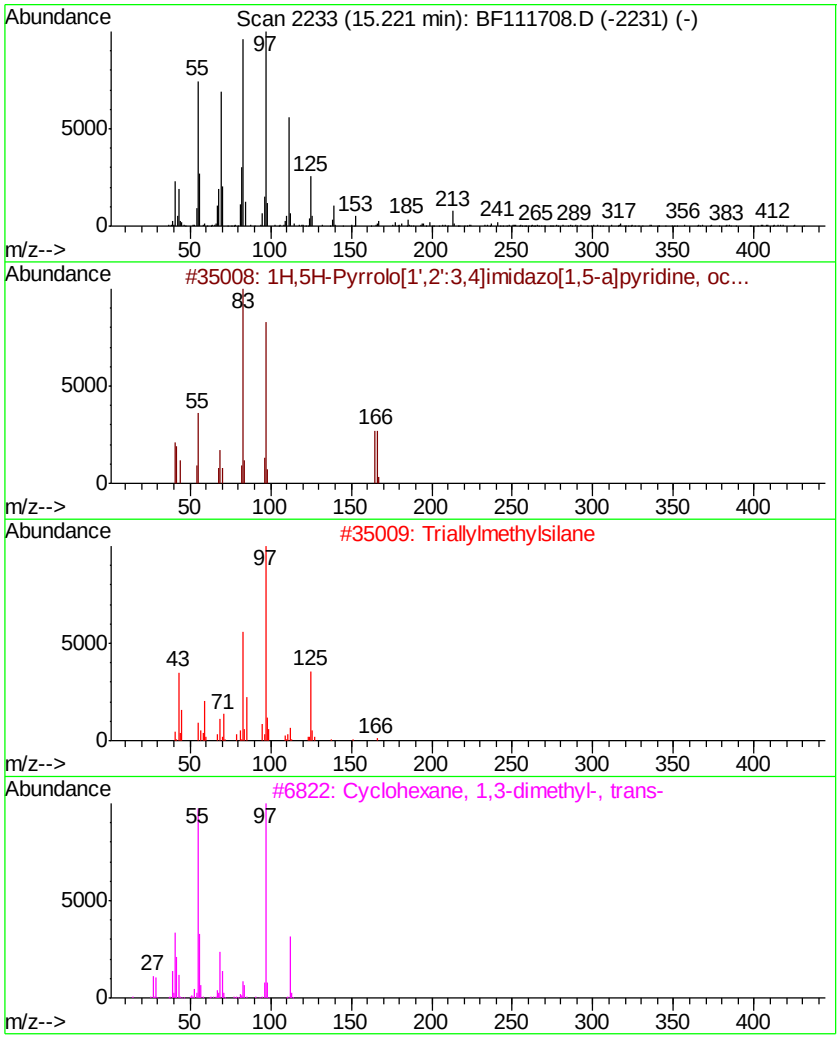
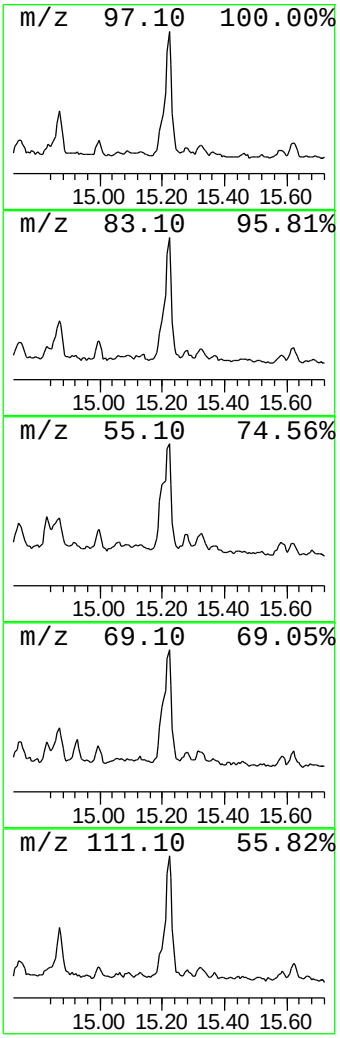
Peak Number 18 1H,5H-Pyrrolo[1',2':3,4]imi... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	38.77 ng	2108060	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,5H-Pyrrolo[1',2':3,4]imidazo[...	166	C10H18N2	054966-11-9	50
2	Triallylmethylsilane	166	C10H18Si	001112-91-0	43
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
4	Eicosane, 3-cyclohexyl-	364	C26H52	004443-57-6	38
5	Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111708.D
Acq On : 26 Dec 2018 11:41
Operator : JU/SJ
Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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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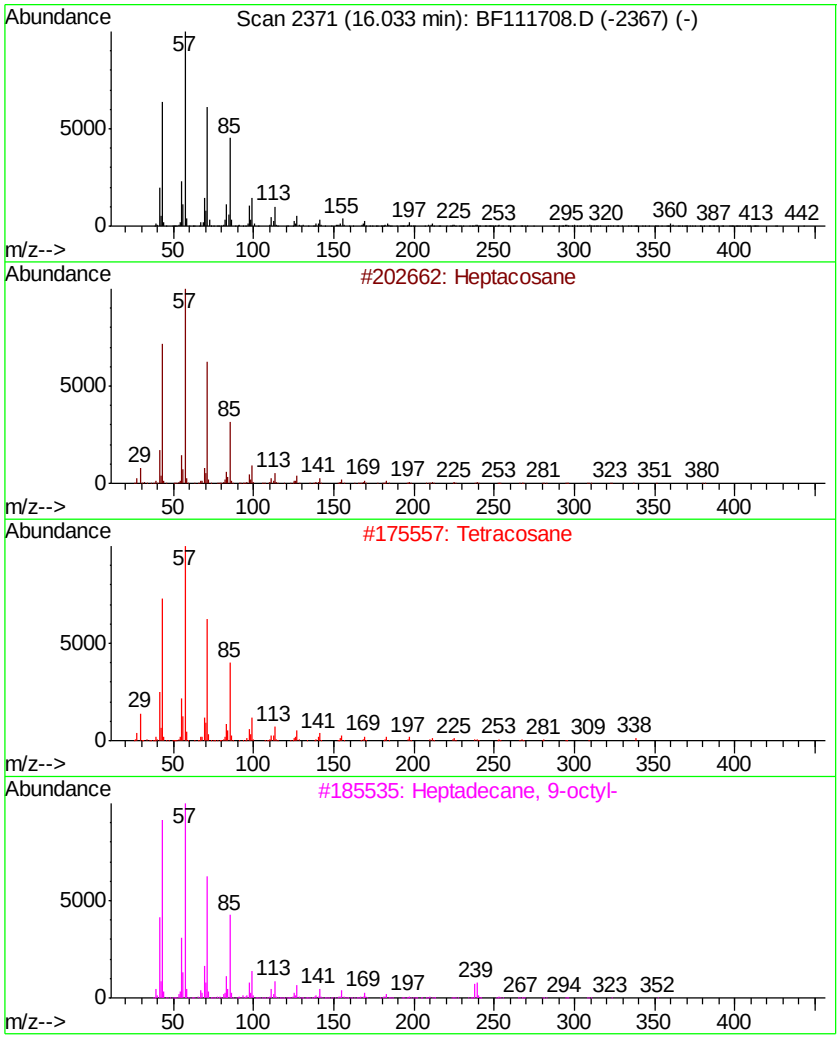
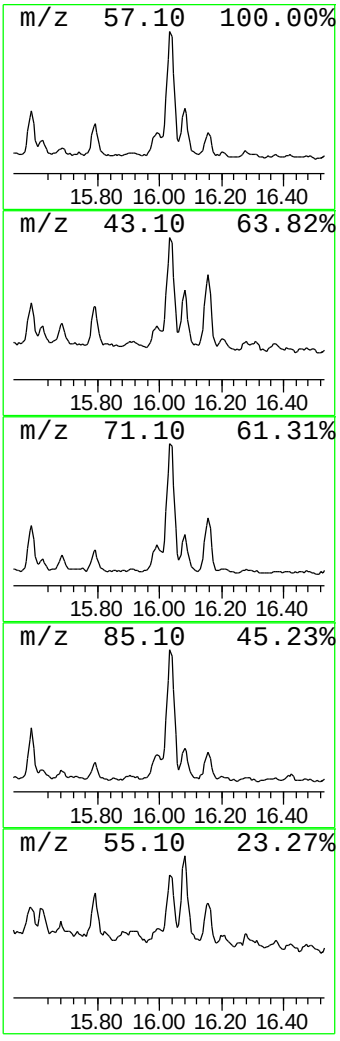
Peak Number 19 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	23.74 ng	1290500	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Tetracosane	338	C24H50	000646-31-1	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tricosane	324	C23H48	000638-67-5	91





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Data File : BF111708.D
Acq On : 26 Dec 2018 11:41
Operator : JU/SJ
Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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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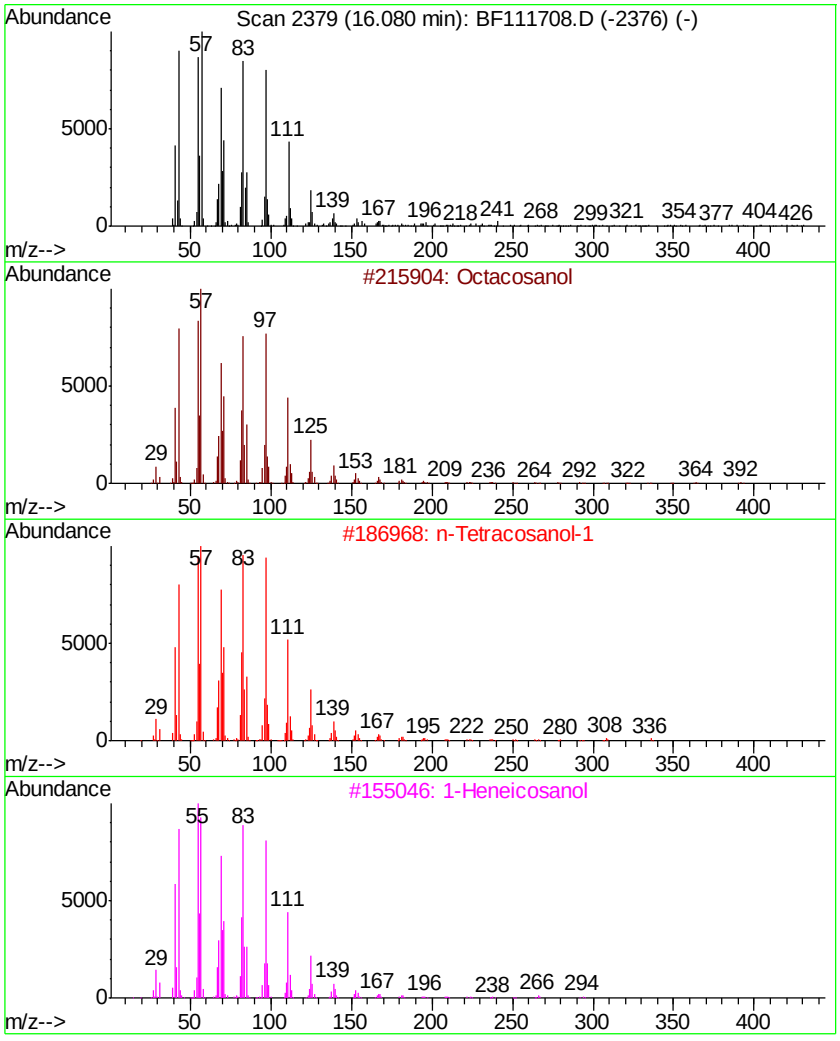
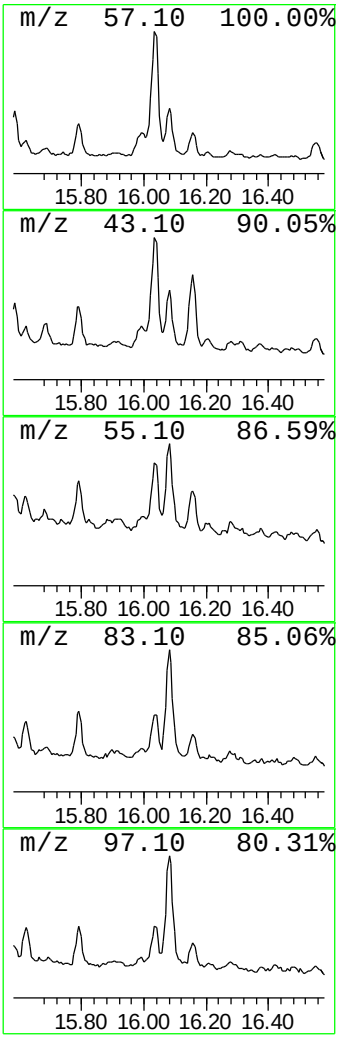
Peak Number 20 Octacosanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	21.29 ng	1157650	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111708.D
Acq On : 26 Dec 2018 11:41
Operator : JU/SJ
Sample : J6446-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-02

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	64.7	ng	2978840	1	6.90	921341	20.0
n-Hexadecanoic acid	11.97	62.6	ng	3997820	4	11.42	1278110	20.0
13-Docosenamide, ...	12.43	26.2	ng	1672620	4	11.42	1278110	20.0
2,2',3,4',6-Penta...	12.55	24.0	ng	1533970	4	11.42	1278110	20.0
1,1'-Biphenyl, 2,...	13.20	58.8	ng	3488880	5	14.07	1187090	20.0
2,3,3',4',5,6-Hex...	13.39	61.5	ng	3650460	5	14.07	1187090	20.0
2,2',3,4,5,6-Hexa...	13.49	34.6	ng	2054860	5	14.07	1187090	20.0
1,1'-Biphenyl, 2,...	13.60	60.9	ng	3612580	5	14.07	1187090	20.0
1,1'-Biphenyl, 2,...	13.71	36.4	ng	2158700	5	14.07	1187090	20.0
Fumaric acid, 2-c...	13.90	101.2	ng	6006690	5	14.07	1187090	20.0
Hexacosane	14.19	20.8	ng	1236370	5	14.07	1187090	20.0
1,1'-Biphenyl, 2,...	14.32	31.5	ng	1870870	5	14.07	1187090	20.0
1-Docosene	14.54	132.8	ng	7879400	5	14.07	1187090	20.0
unknown14.73	14.73	28.7	ng	1701140	5	14.07	1187090	20.0
Heneicosane	15.20	50.5	ng	2742720	6	15.56	1087350	20.0
1H,5H-Pyrrolo[1',...	15.22	38.8	ng	2108060	6	15.56	1087350	20.0
Heptacosane	16.03	23.7	ng	1290500	6	15.56	1087350	20.0
Octacosanol	16.08	21.3	ng	1157650	6	15.56	1087350	20.0