LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111691.D
Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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	317	326	331	rBV	691062	891624	4.97%	0.476%
2	5.128	511	517	525	rVB	201821	278341	1.55%	0.149%
3	5.528	576	585	589	rBV	3876838	4317835	24.08%	2.306%
4	6.534	747	756	761	rBV	3908029	4418567	24.64%	2.360%
5	6.675	775	780	783	rBV	4444543	4095751	22.84%	2.187%
6	6.898	814	818	826	rBV	1432495	1169452	6.52%	0.624%
7	7.057	841	845	848	rBV	3882101	3244877	18.10%	1.733%
8	7.457	905	913	916	rBV	2910367	2596000	14.48%	1.386%
9	8.180	1028	1036	1039	rBV	1701530	1402707	7.82%	0.749%
10	9.257	1214	1219	1222	rBV	5156576	4211590	23.49%	2.249%
11	9.345	1231	1234	1239	rBV2	407304	466226	2.60%	0.249%
12	9.386	1239	1241	1243	rVV	330434	275377	1.54%	0.147%
13	9.657	1281	1287	1291	rVB2	564053	823478	4.59%	0.440%
14	9.851	1317	1320	1326	rVB2	212276	215555	1.20%	0.115%
15	9.939	1331	1335	1338	rVB	1398847	1290944	7.20%	0.689%
16	10.098	1359	1362	1365	rBV	709925	626265	3.49%	0.334%
17	10.180	1372	1376	1379	rVB	202343	197482	1.10%	0.105%
18	10.721	1464	1468	1475	rBV	2734941	2504116	13.97%	1.337%
19	10.969	1507	1510	1513	rVB	703030	575442	3.21%	0.307%
20	11.069	1524	1527	1529	rBV	286892	326880	1.82%	0.175%
21	11.092	1529	1531	1534	rVV	541194	451509	2.52%	0.241%
22	11.127	1534	1537	1540	rVV	689774	598610	3.34%	0.320%
23	11.274	1557	1562	1564	rBV4	135709	235713	1.31%	0.126%
24	11.374	1577	1579	1581	rVV2	321419	346481	1.93%	0.185%
25	11.398	1581	1583	1585	rVV	687557	635644	3.54%	0.339%
26	11.421	1585	1587	1590	rVV	1514257	1254224	6.99%	0.670%
27	11.474	1590	1596	1600	rVB3	1422411	1765379	9.85%	0.943%
28	11.539	1603	1607	1611	rVV6	369382	541852	3.02%	0.289%
29	11.580	1611	1614	1618	rVB	635125	591117	3.30%	0.316%
30	11.645	1623	1625	1629	rVB	850327	723695	4.04%	0.386%
31	11.704	1632	1635	1642	rBV4	284080	344790	1.92%	0.184%
32	11.763	1642	1645	1648	rBV3	211765	272953	1.52%	0.146%
33	11.792	1648	1650	1654	rBV3	184253	205873	1.15%	0.110%
34	11.957	1674	1678	1685	rVB2	1816381	2045433	11.41%	1.092%

LSC Area Percent Report

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Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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	12.039	1689	1692	1694	rVB	657015	556226	3.10%	0.297%
36	12.074	1695	1698	1701	rBV3	522537	554543	3.09%	0.296%
37	12.127	1704	1707	1713	rVB3	342800	438888	2.45%	0.234%
38	12.204	1717	1720	1722	rVV2	411256	421844	2.35%	0.225%
39	12.227	1722	1724	1729	rVB4	277195	323787	1.81%	0.173%
40	12.286	1732	1734	1736	rBV2	222162	195643	1.09%	0.104%
41	12.310	1736	1738	1742	rVV2	307150	320933	1.79%	0.171%
42	12.345	1742	1744	1747	rVV3	206247	234498	1.31%	0.125%
43	12.374	1747	1749	1754	rVB2	304738	272579	1.52%	0.146%
44	12.463	1762	1764	1767	rBV	366502	350861	1.96%	0.187%
45	12.515	1770	1773	1774	rVV2	370266	340944	1.90%	0.182%
46	12.557	1774	1780	1783	rVB4	2064309	2721808	15.18%	1.453%
47	12.657	1795	1797	1799	rBV2	269461	252134	1.41%	0.135%
48	12.692	1799	1803	1806	rVV	1510157	1558636	8.69%	0.832%
49	12.739	1807	1811	1814	rVB2	2087363	2201823	12.28%	1.176%
50	12.886	1834	1836	1842	rBV2	304820	444788	2.48%	0.238%
51	12.951	1845	1847	1849	rVV2	325391	232704	1.30%	0.124%
52	13.010	1853	1857	1862	rVB	4330447	4804092	26.79%	2.565%
53	13.104	1870	1873	1876	rBV	1858351	1613419	9.00%	0.862%
54	13.133	1876	1878	1884	rVB2	841922	949216	5.29%	0.507%
55	13.198	1886	1889	1894	rVV2	4169353	5621034	31.35%	3.002%
56	13.245	1894	1897	1901	rVB	1684035	1568278	8.75%	0.837%
57	13.280	1901	1903	1907	rBV3	379457	339575	1.89%	0.181%
58	13.333	1910	1912	1914	rVV	694533	619278	3.45%	0.331%
59	13.392	1918	1922	1925	rVV	5031438	4659112	25.98%	2.488%
60	13.421	1925	1927	1931	rVV3	1453400	1416658	7.90%	0.757%
61	13.462	1931	1934	1936	rVV	764102	807333	4.50%	0.431%
62	13.492	1936	1939	1944	rVV2	2272315	2499743	13.94%	1.335%
63	13.557	1947	1950	1953	rVV2	572829	758821	4.23%	0.405%
64	13.604	1953	1958	1962	rVV2	3084114	4517484	25.19%	2.412%
65	13.639	1962	1964	1967	rVB	524082	381277	2.13%	0.204%
66	13.710	1972	1976	1979	rVB2	3038917	2870684	16.01%	1.533%
67	13.751	1980	1983	1986	rBV	1377423	1174744	6.55%	0.627%
68	13.915	2004	2011	2017	rBV3	8672596	15181523	84.67%	8.107%
69	13.968	2017	2020	2023	rVV2	796486	713096	3.98%	0.381%
70	14.033	2029	2031	2034	rBV2	462791	566649	3.16%	0.303%
71	14.062	2034	2036	2039	rVB	970037	886859	4.95%	0.474%

LSC Area Percent Report

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Sample : J6447-08
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.104	2039	2043	2046	rBV	4235008	4197603	23.41%	2.242%
73	14.133	2046	2048	2052	rVB	1054908	1037669	5.79%	0.554%
74	14.233	2062	2065	2067	rBV	1185252	1370522	7.64%	0.732%
75	14.274	2070	2072	2077	rVB2	621730	668690	3.73%	0.357%
76	14.321	2077	2080	2083	rBV	1872433	1855256	10.35%	0.991%
77	14.362	2083	2087	2090	rVV2	1320325	1639459	9.14%	0.875%
78	14.409	2093	2095	2098	rVB	754311	666518	3.72%	0.356%
79	14.562	2115	2121	2125	rBV	12337370	17931244	100.00%	9.575%
80	14.604	2126	2128	2132	rVB	716729	666062	3.71%	0.356%
81	14.674	2137	2140	2142	rBV	390204	387015	2.16%	0.207%
82	14.786	2154	2159	2162	rBV2	759161	1391581	7.76%	0.743%
83	14.862	2168	2172	2180	rVB3	1282653	2608597	14.55%	1.393%
84	15.009	2193	2197	2201	rVB	1824667	1999748	11.15%	1.068%
85	15.221	2227	2233	2234	rBV	4740446	7156341	39.91%	3.822%
86	15.239	2234	2236	2242	rVV2	5144203	5858797	32.67%	3.129%
87	15.292	2242	2245	2255	rVB	1251903	1778923	9.92%	0.950%
88	15.562	2288	2291	2293	rVB	369914	369293	2.06%	0.197%
89	15.598	2294	2297	2300	rBV2	521151	686116	3.83%	0.366%
90	15.809	2328	2333	2337	rBV	1640893	2456572	13.70%	1.312%
91	16.056	2370	2375	2379	rBV	2360059	3903790	21.77%	2.085%
92	16.104	2379	2383	2390	rVV	2214718	3504204	19.54%	1.871%
93	16.180	2392	2396	2400	rVV	1469884	2254995	12.58%	1.204%
94	16.221	2400	2403	2412	rVB3	894072	1565539	8.73%	0.836%
95	16.880	2510	2515	2521	rVB	832816	1560657	8.70%	0.833%
96	17.274	2578	2582	2591	rVB2	728055	1657382	9.24%	0.885%
97	17.392	2595	2602	2606	rBV	1322206	3016110	16.82%	1.611%
98	17.792	2663	2670	2679	rVB5	1522820	3905457	21.78%	2.086%
99	18.045	2706	2713	2720	rVB2	981206	2170860	12.11%	1.159%
100	18.527	2790	2795	2806	rVB5	656052	1686086	9.40%	0.900%

Sum of corrected areas: 187264382

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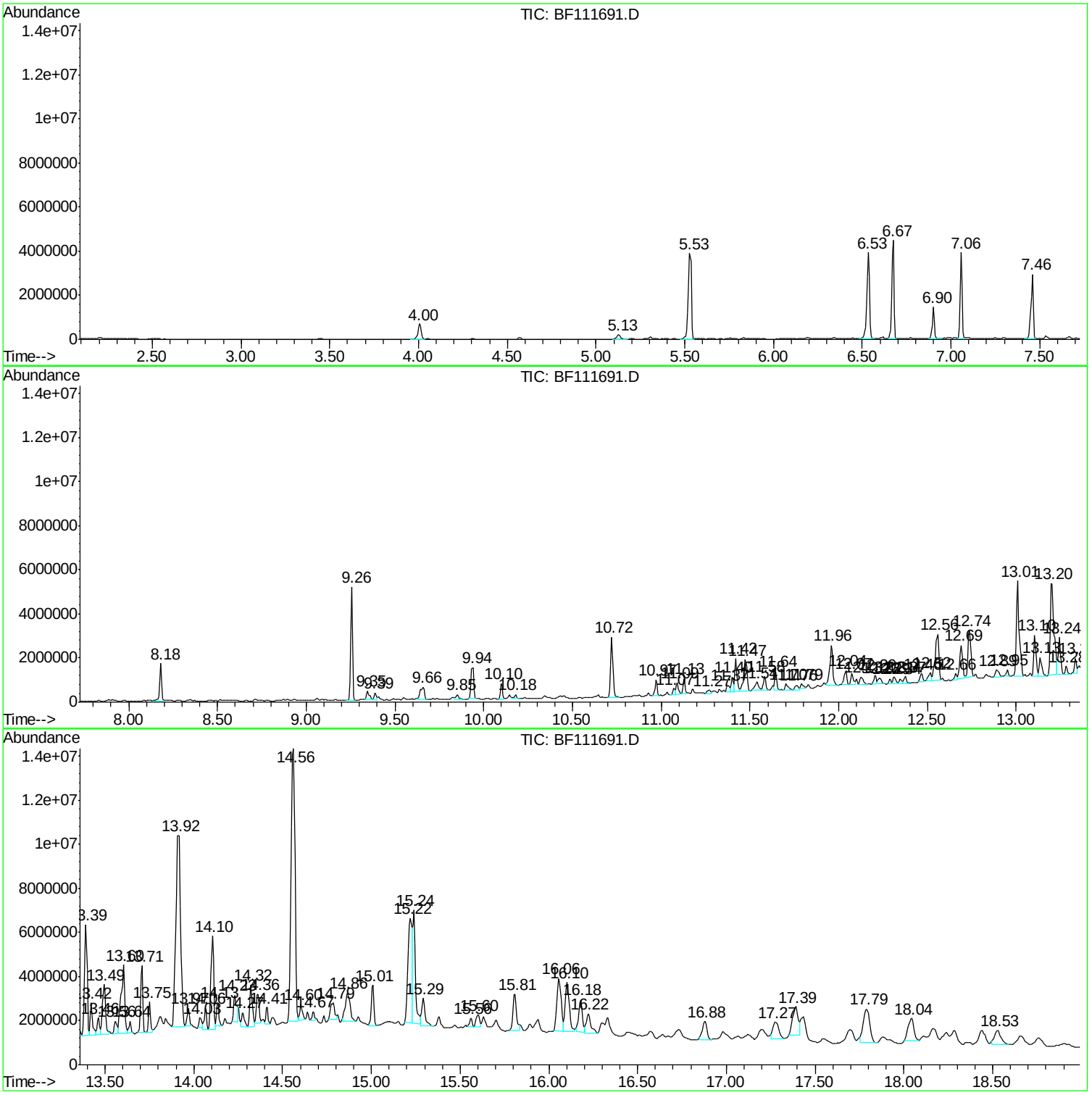
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01

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\BF122118\
Data File : BF111691.D
Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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

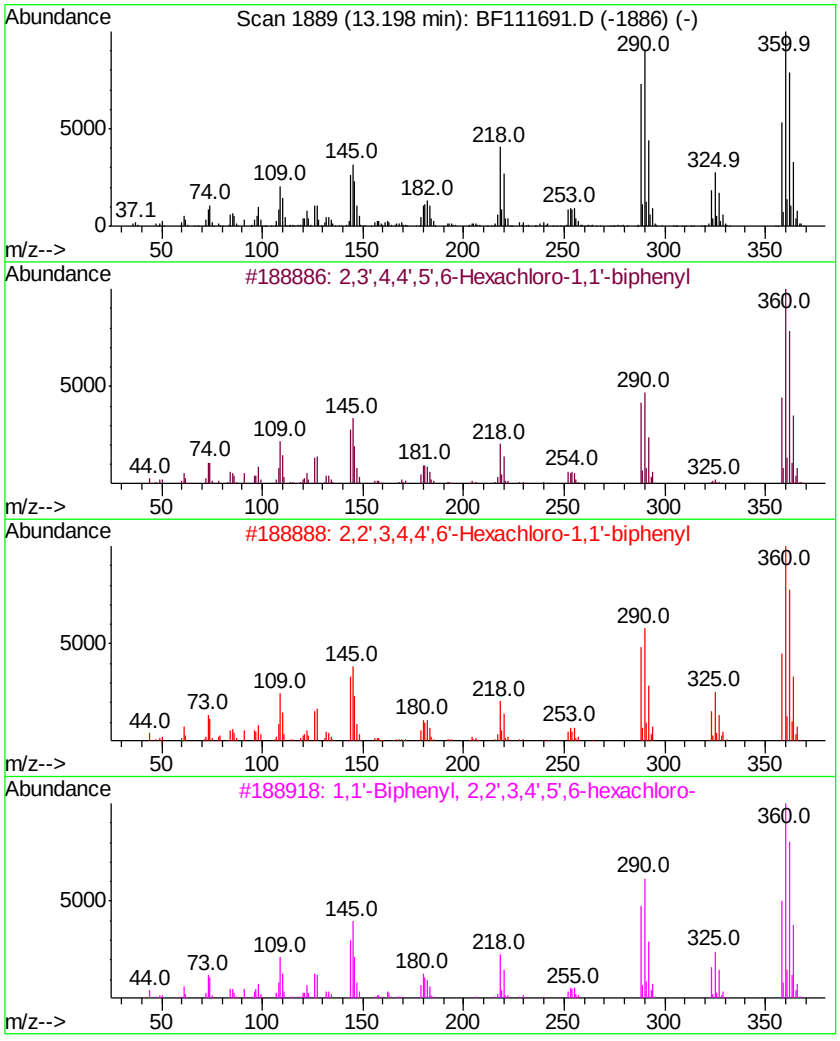
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

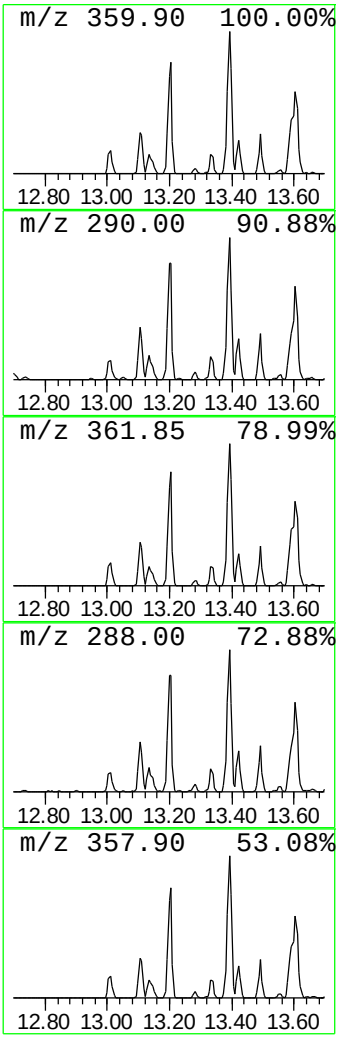
****

Peak Number 1 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	126.76 ng	5621030	Chrysene-d12	14.06

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	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





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Operator : JU/SJ
Sample : J6447-08
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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

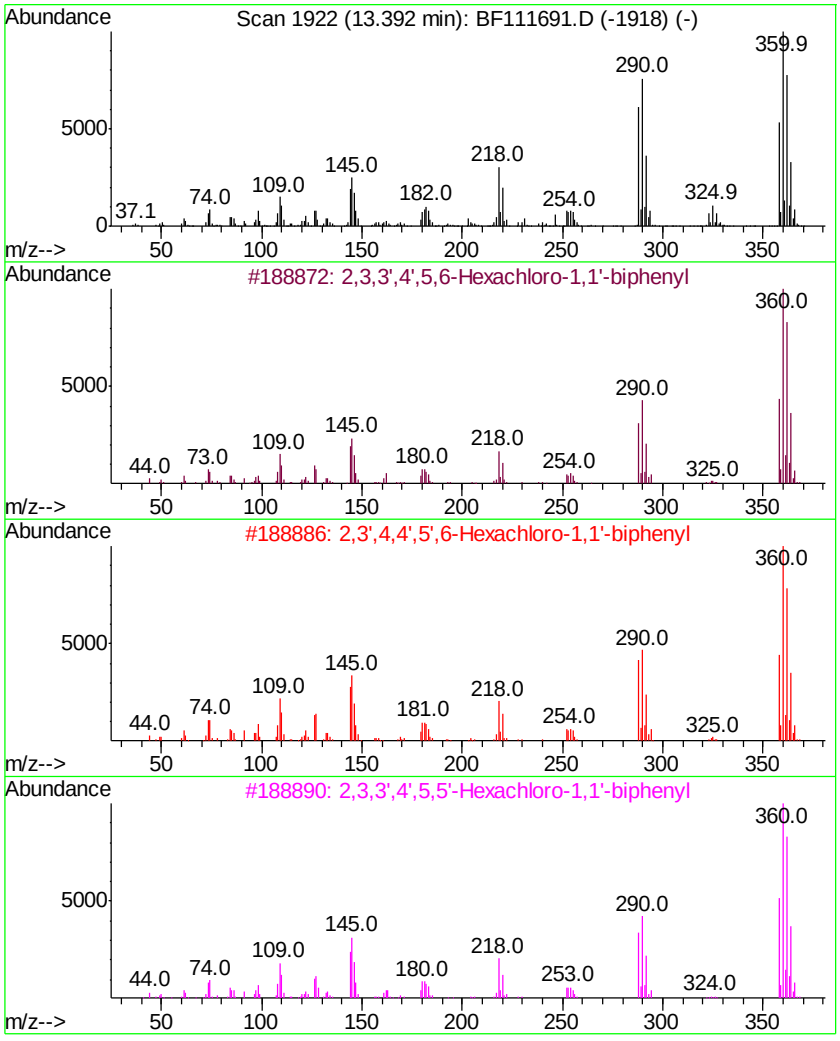
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

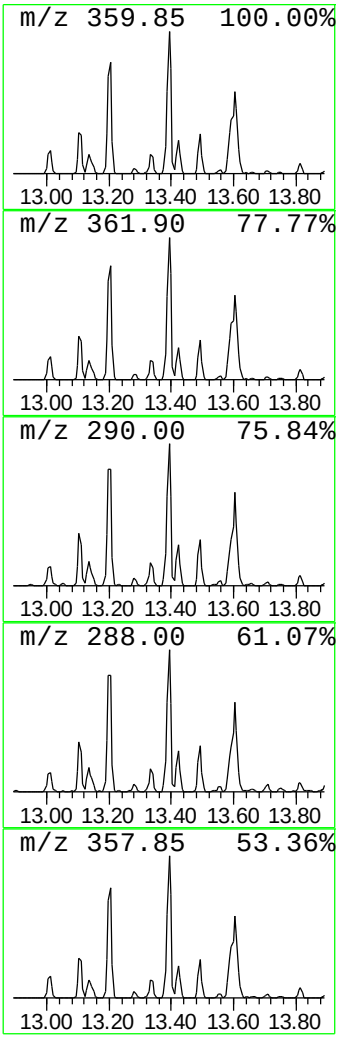
****

Peak Number 2 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	105.07 ng	4659110	Chrysene-d12	14.06

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'-b...	358	C12H4Cl6	059291-65-5	99
3	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





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Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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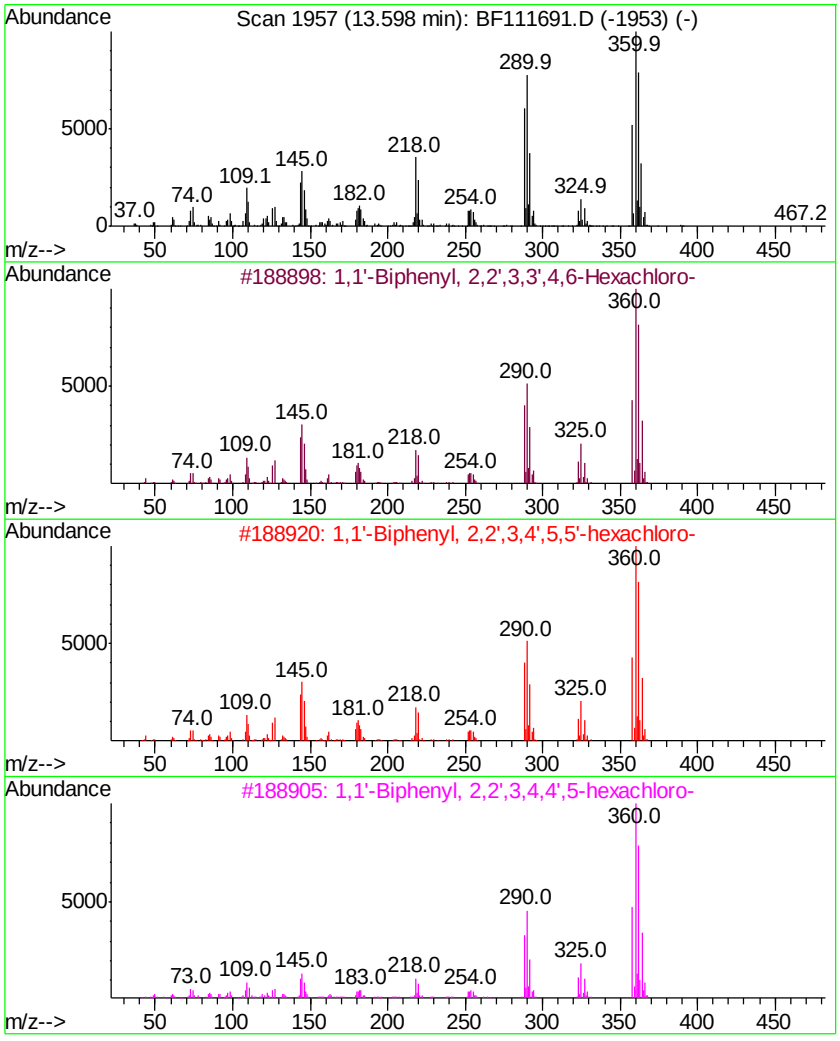
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

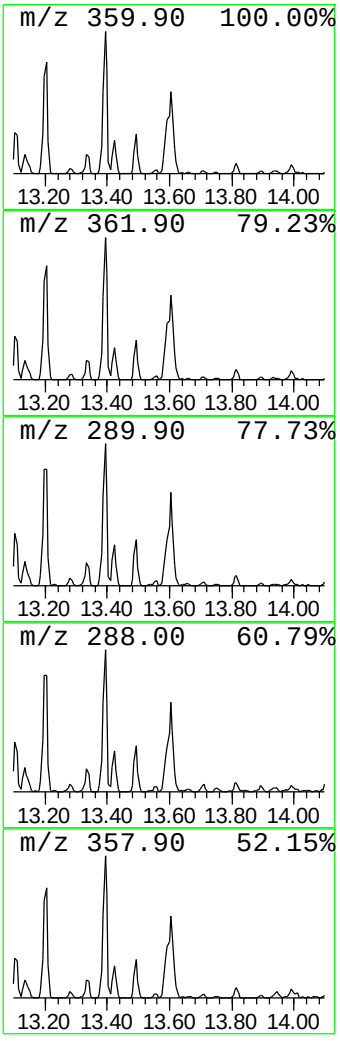
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	101.88 ng	4517480	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	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	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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

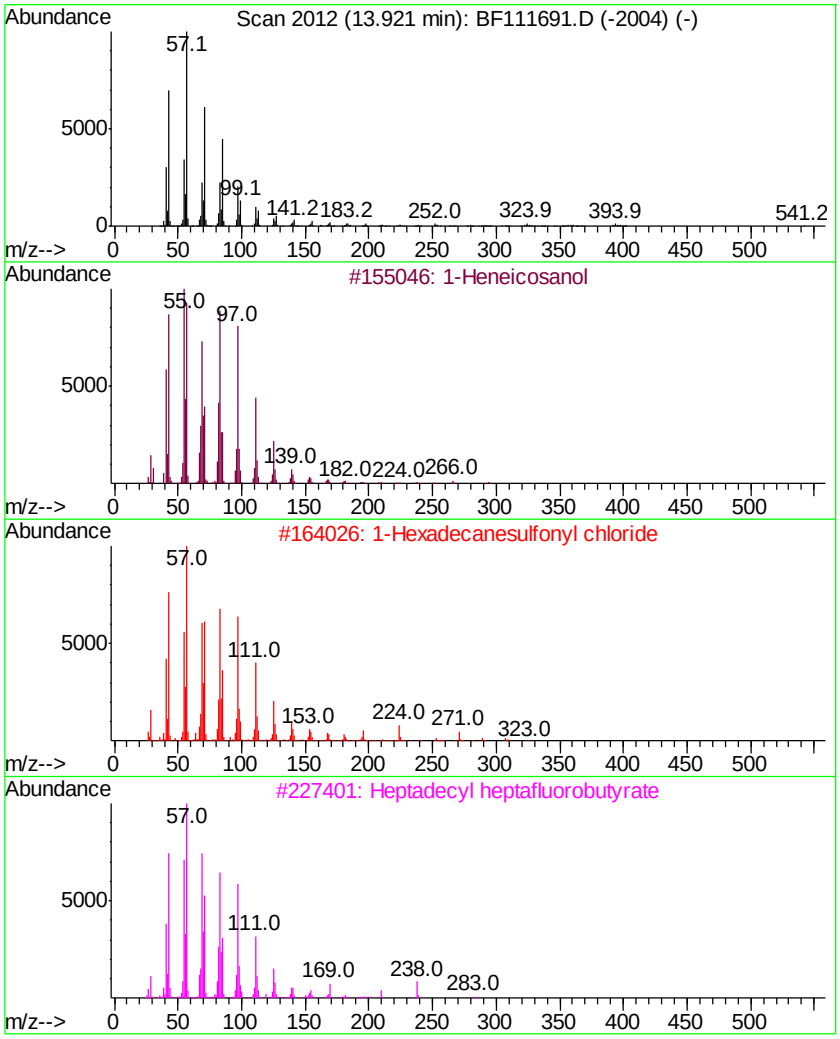
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

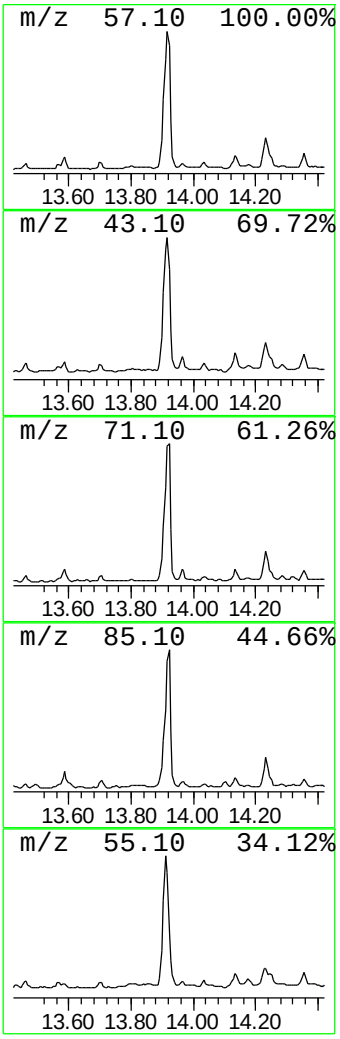
****

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	342.37 ng	15181500	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111691.D
Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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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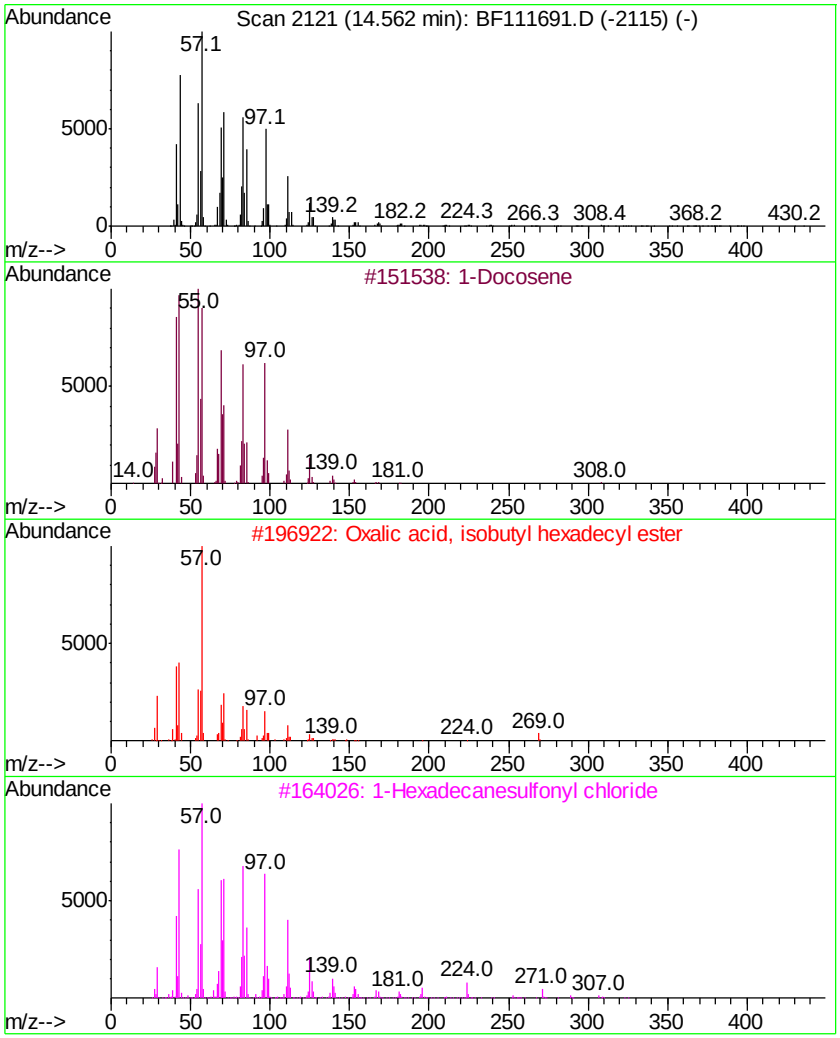
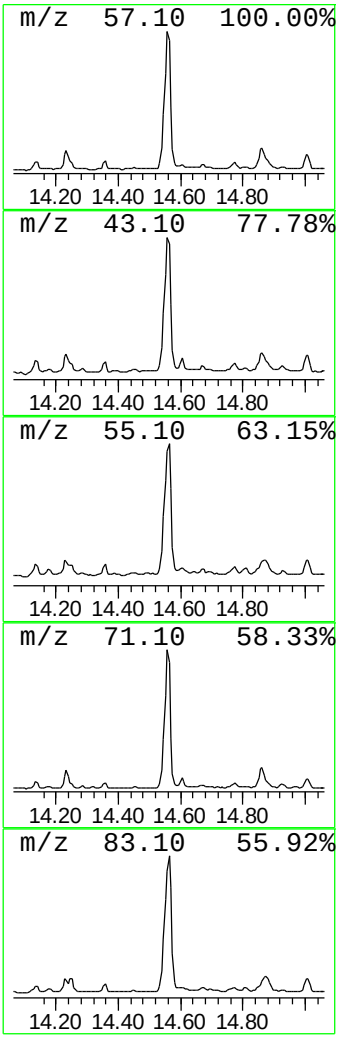
Peak Number 5 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	404.38 ng	17931200	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81





Library Search Compound Report

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Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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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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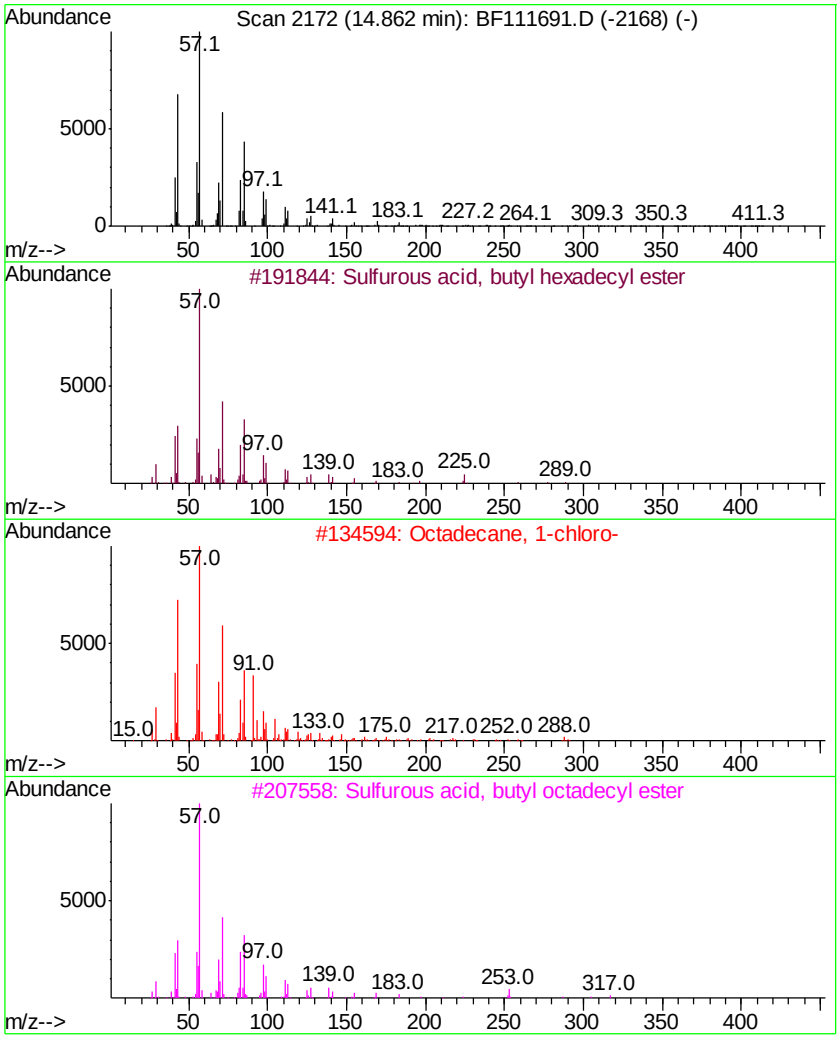
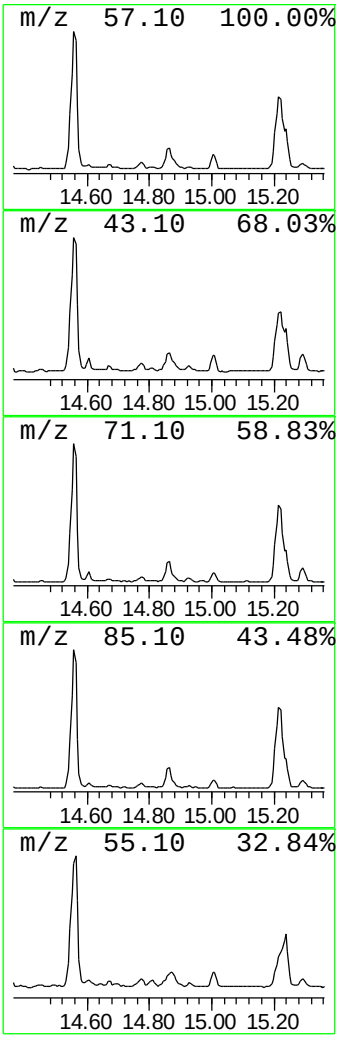
Peak Number 6 Sulfurous acid, butyl hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	141.28 ng	2608600	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	91
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
3	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91





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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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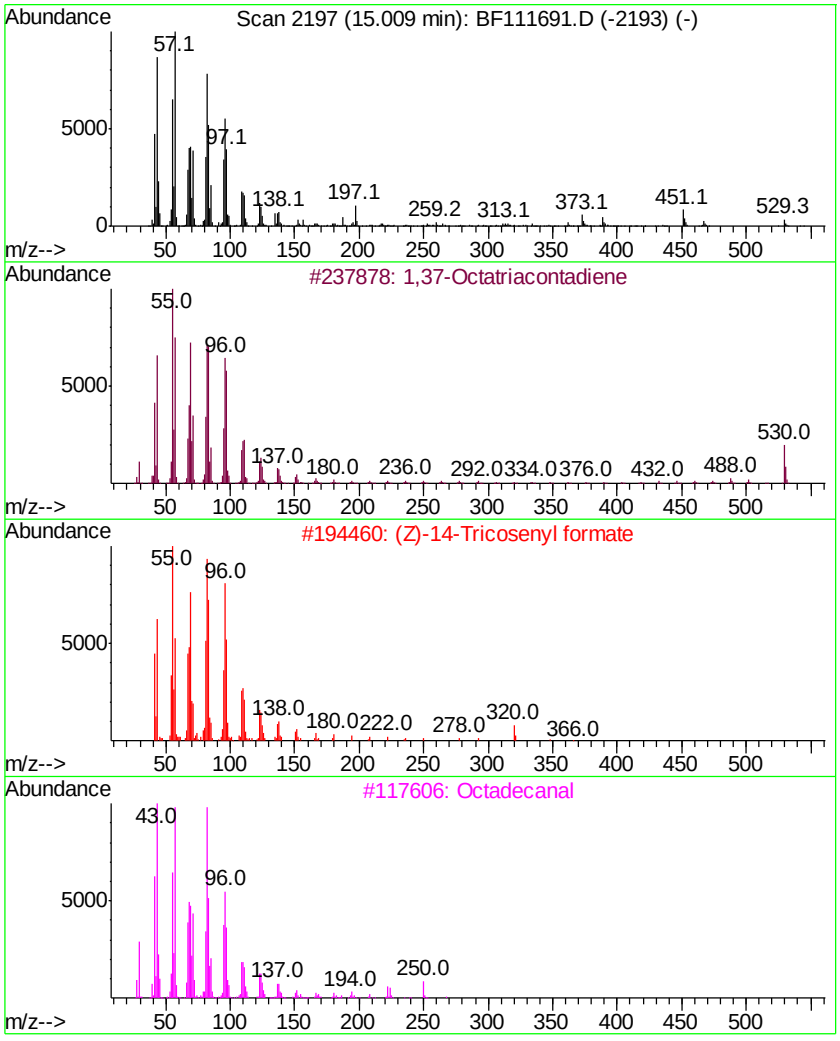
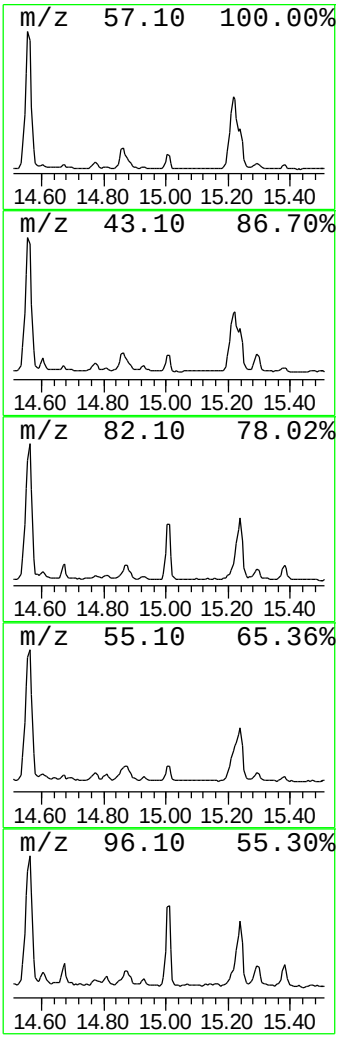
Peak Number 7 1,37-Octatriacontadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	108.30 ng	1999750	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,37-Octatriacontadiene	531	C38H74	1000159-37-3	94
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	91





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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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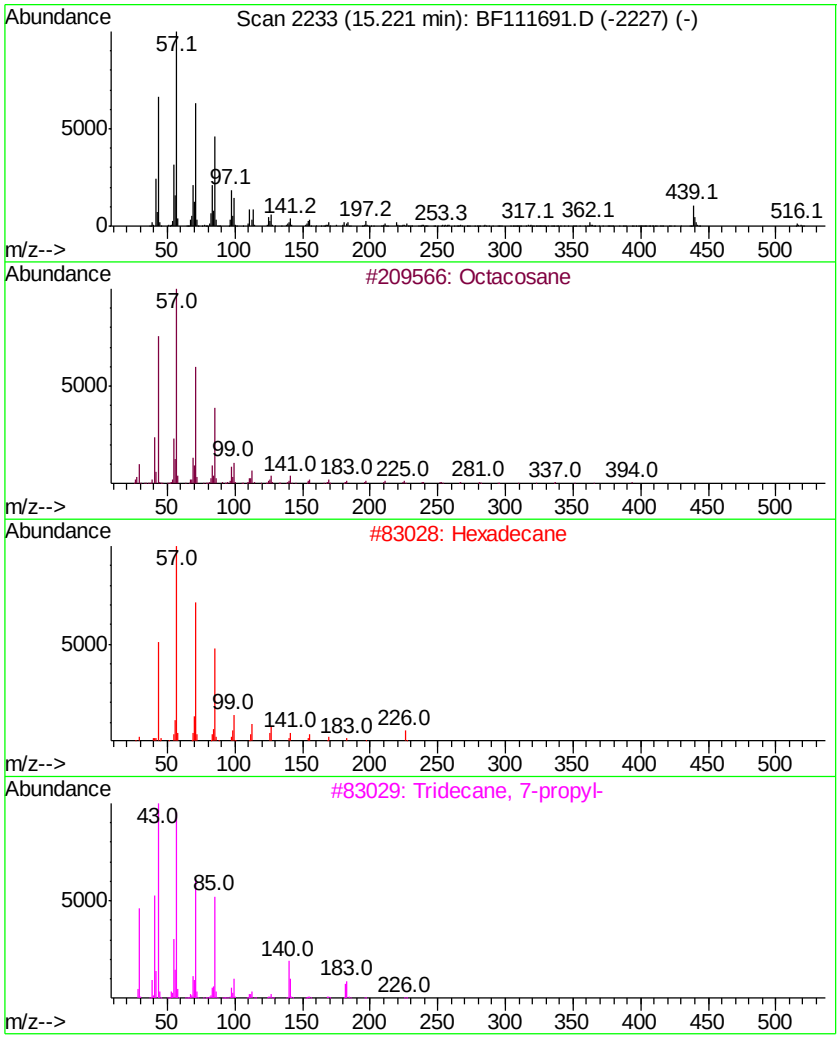
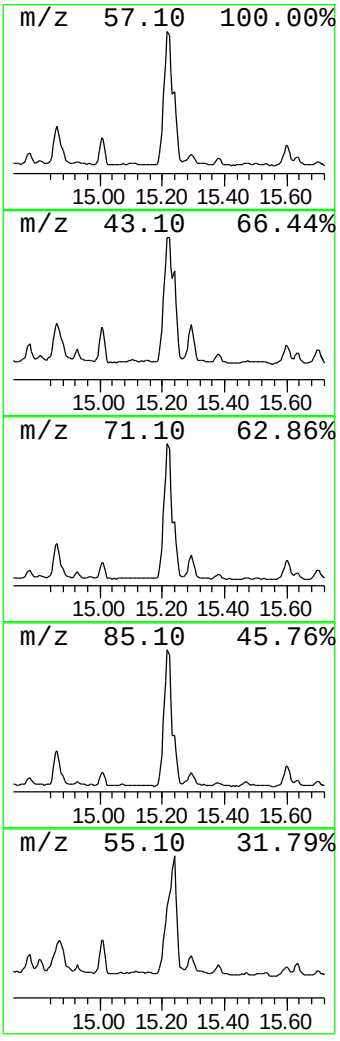
Peak Number 8 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	387.57 ng	7156340	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	89
2	Hexadecane	226	C16H34	000544-76-3	76
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	76
4	Heptadecane	240	C17H36	000629-78-7	68
5	Heneicosane	296	C21H44	000629-94-7	68





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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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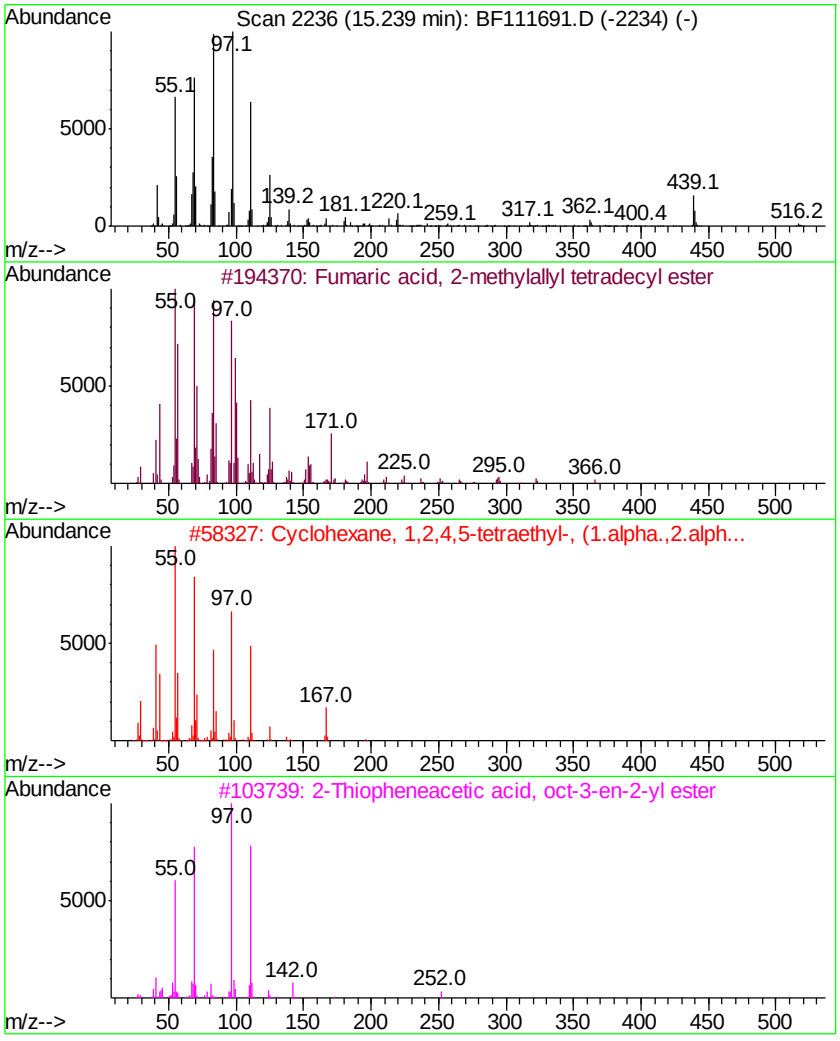
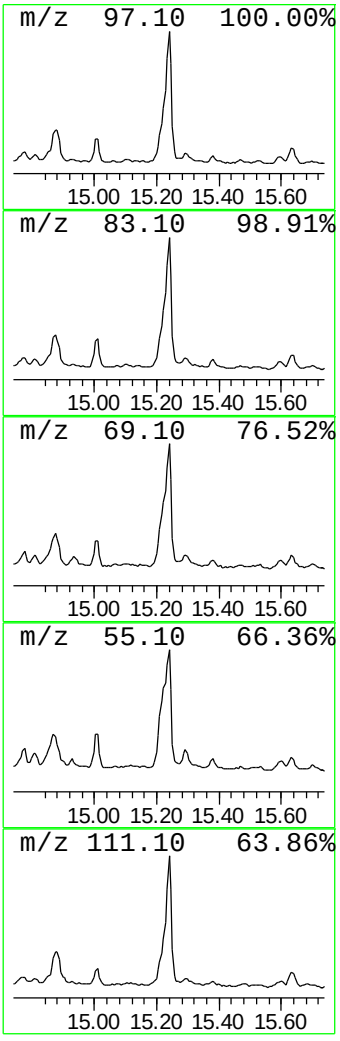
Peak Number 9 Fumaric acid, 2-methylallyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	317.30 ng	5858800	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	59
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	53
3	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1000299-38-6	47
4	6-Bromo-2,2-dimethylcyclohexanone	204	C8H13BrO	021690-26-6	38
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	38





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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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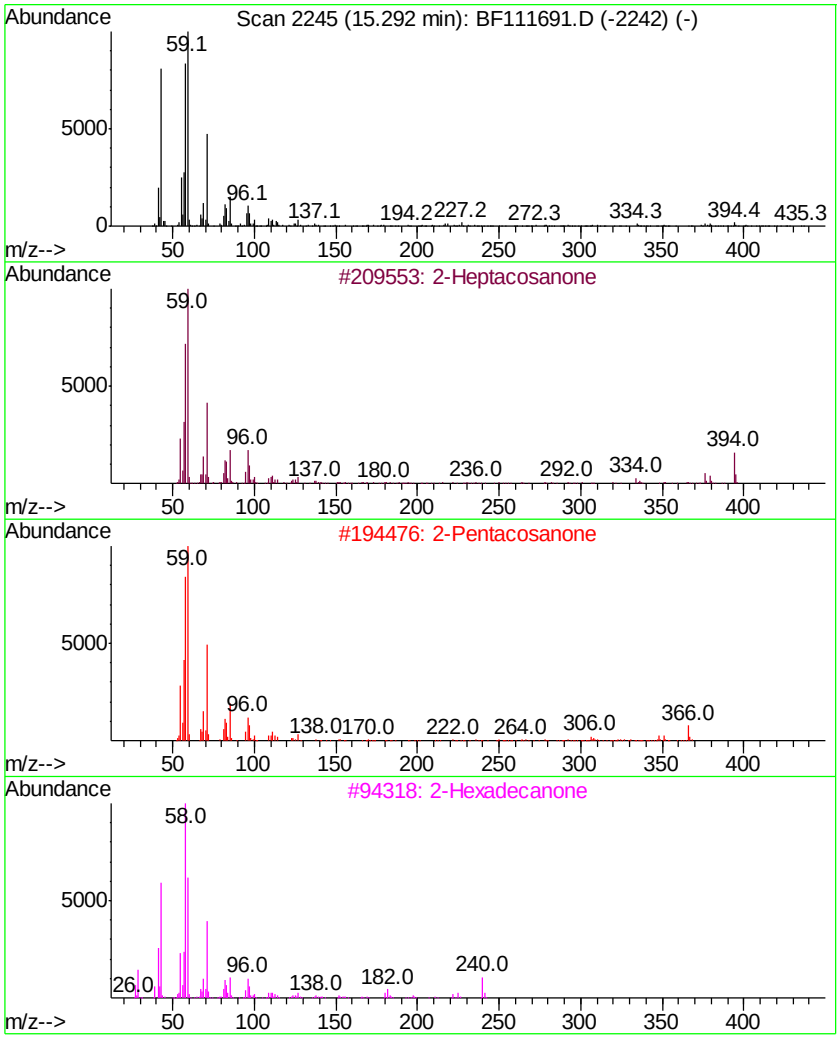
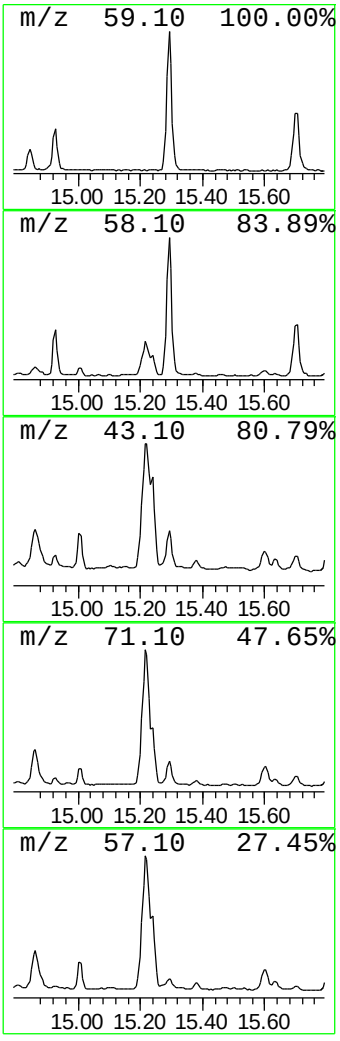
Peak Number 10 2-Heptacosanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	96.34 ng	1778920	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	93
2	2-Pentacosanone	366	C25H50O	075207-54-4	64
3	2-Hexadecanone	240	C16H32O	018787-63-8	59
4	2-Pentadecanone	226	C15H30O	002345-28-0	52
5	2-Nonadecanone	282	C19H38O	000629-66-3	50





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

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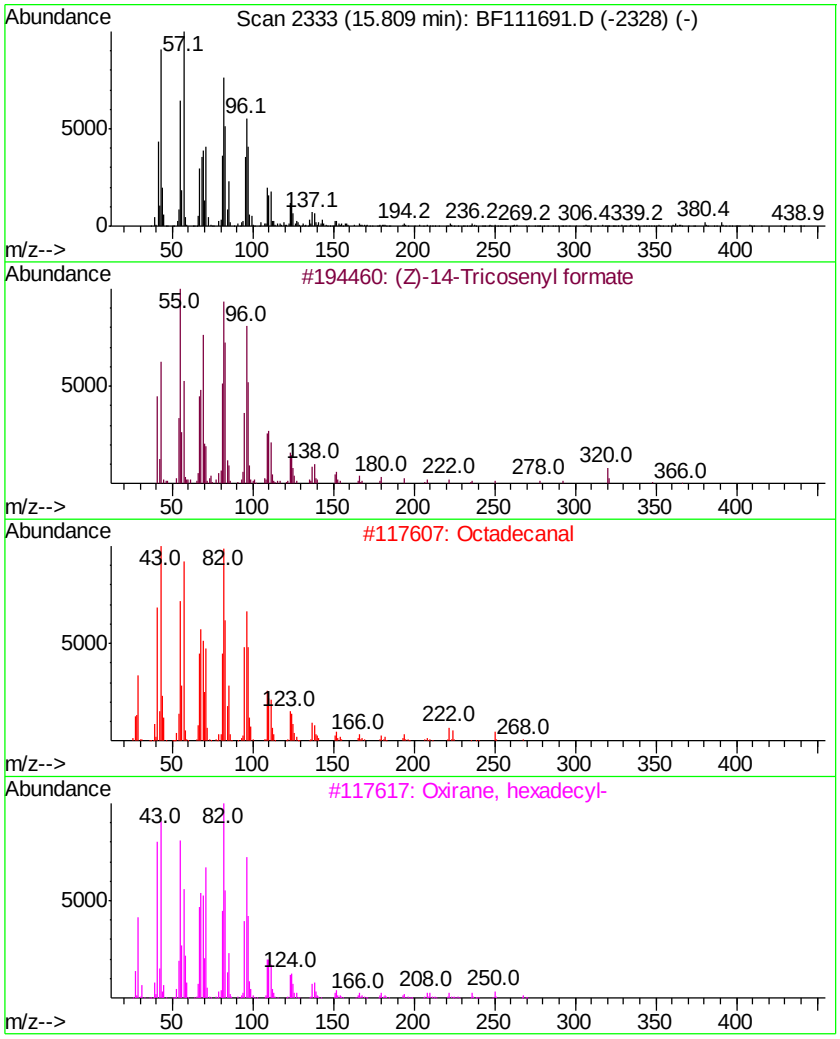
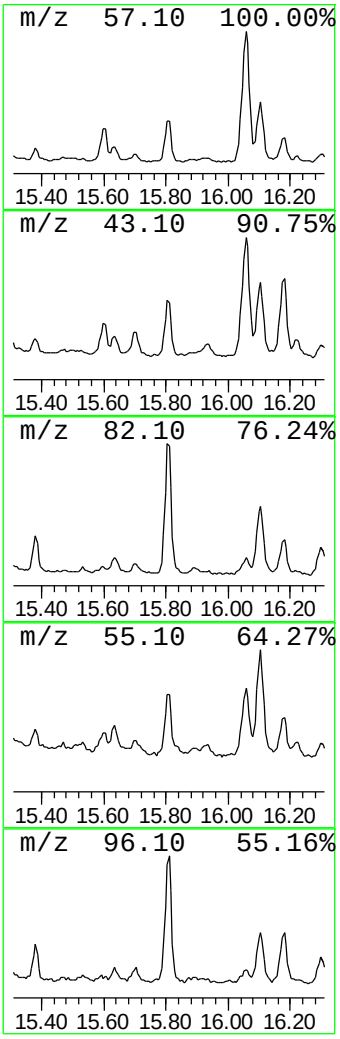
Peak Number 11 (Z)-14-Tricosenyl formate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	133.04 ng	2456570	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Tetradecanal	212	C14H28O	000124-25-4	86
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83





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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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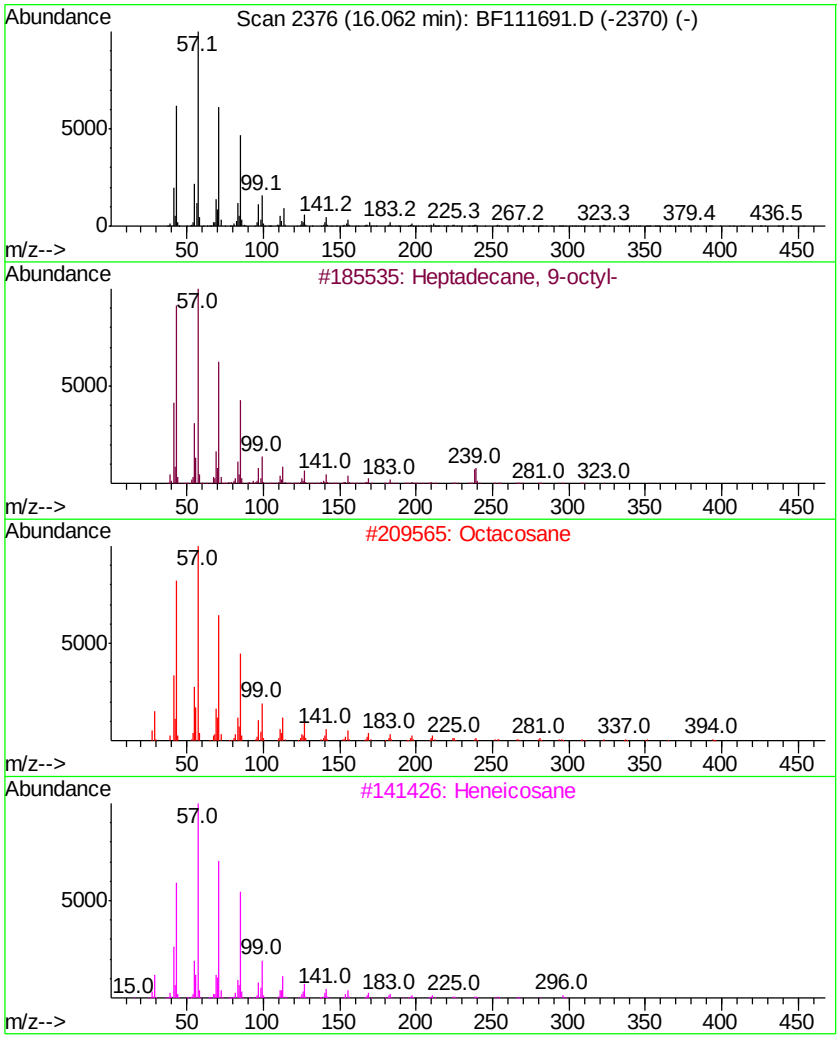
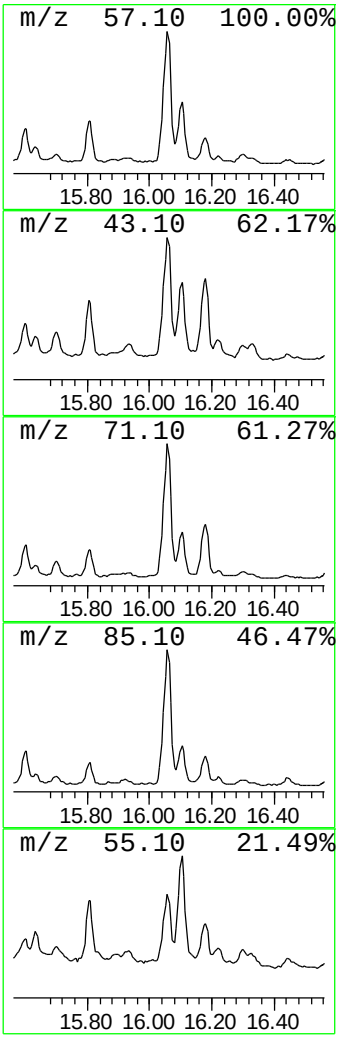
Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	211.42 ng	3903790	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Triacontane	422	C30H62	000638-68-6	91





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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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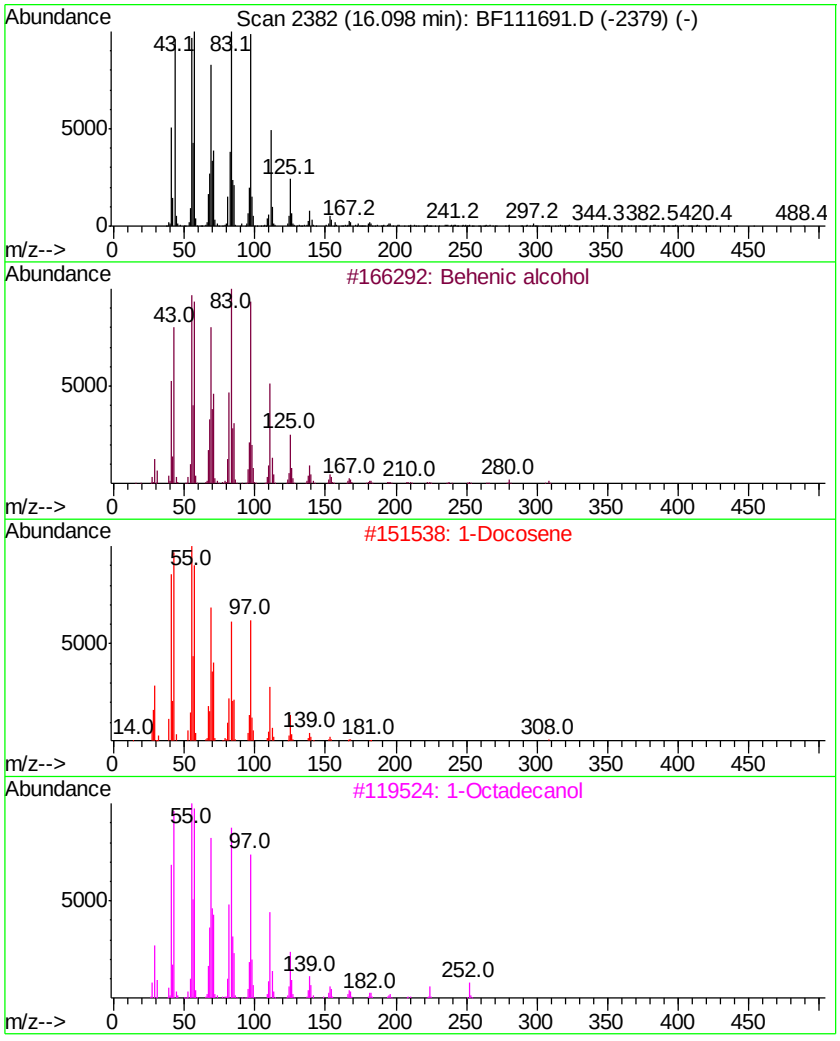
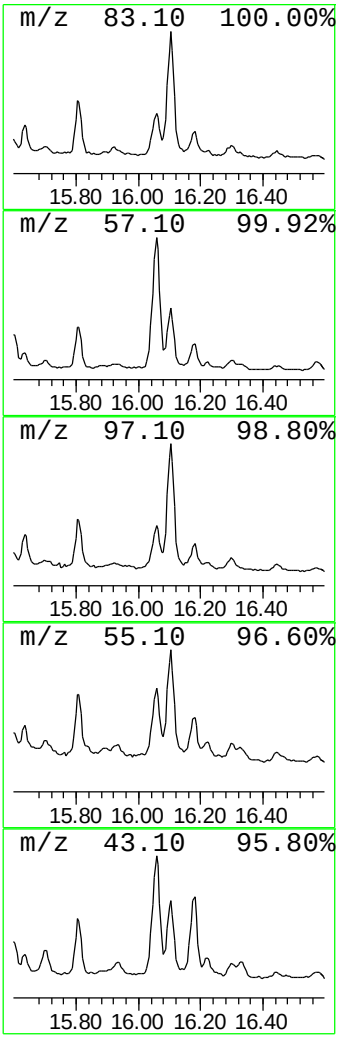
Peak Number 13 Behenic alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	189.78 ng	3504200	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Docosene	308	C22H44	001599-67-3	89
3	1-Octadecanol	270	C18H38O	000112-92-5	76
4	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	74
5	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	64





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

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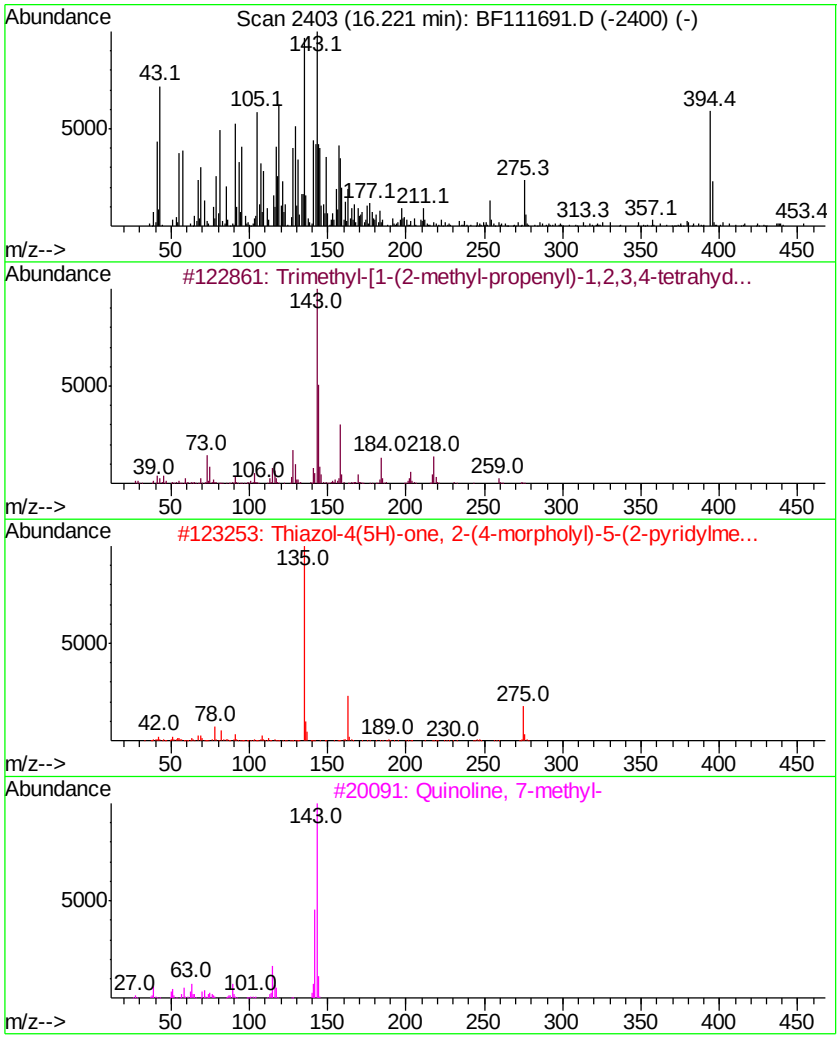
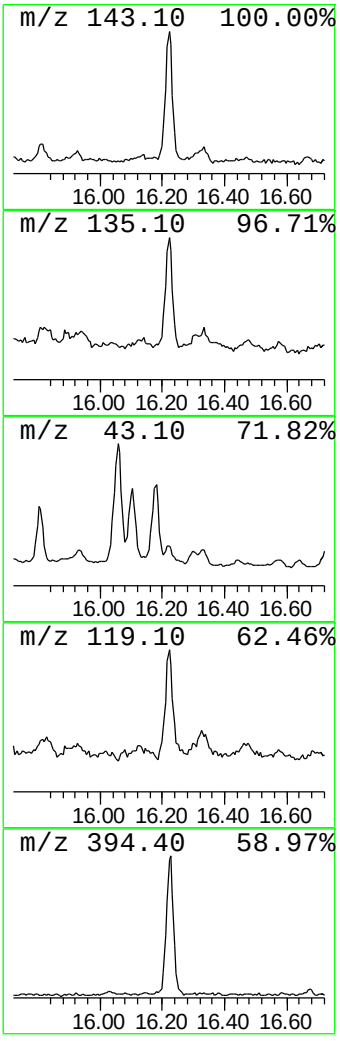
Peak Number 15 unknown16.22 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	84.79 ng	1565540	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethyl-[1-(2-methyl-propenyl)...	274	C17H26OSi	1000193-04-0	18
2	Thiazol-4(5H)-one, 2-(4-morpholy...	275	C13H13N3O2S	108539-93-1	15
3	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	14
4	2-Chloro-6-fluorobenzyl alcohol,...	202	C10H12ClFO	1000378-14-5	14
5	Isoquinoline, 7-methyl-	143	C10H9N	054004-38-5	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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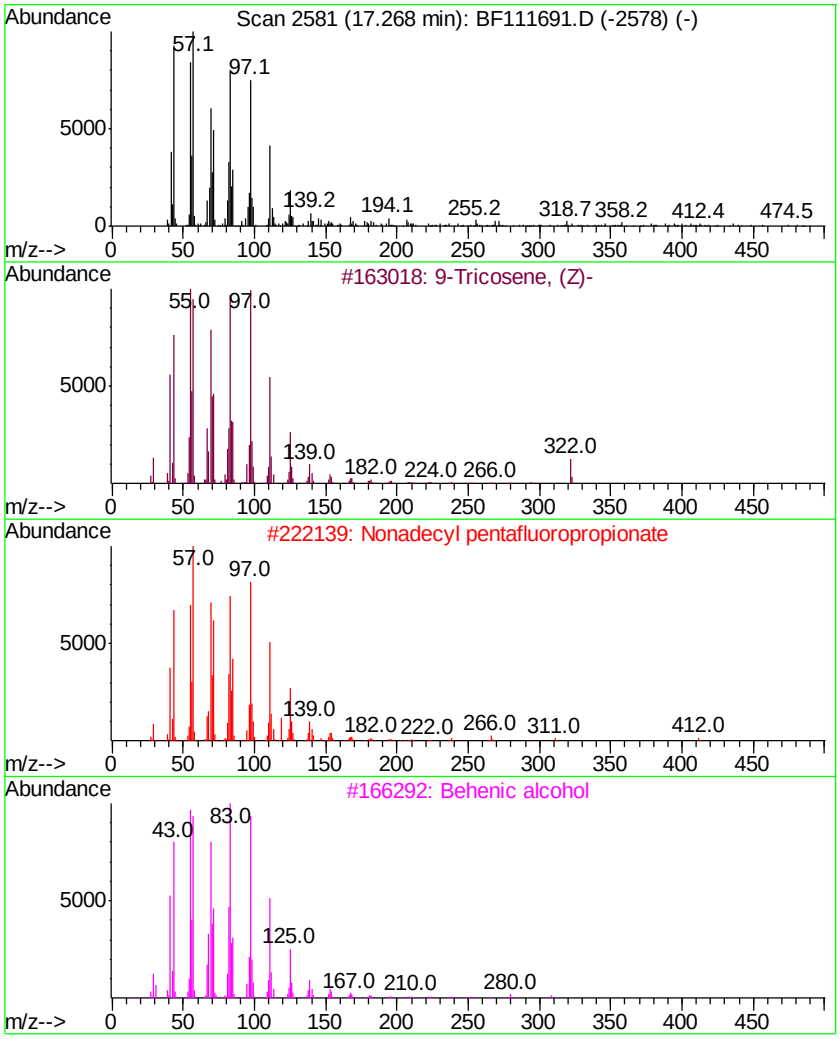
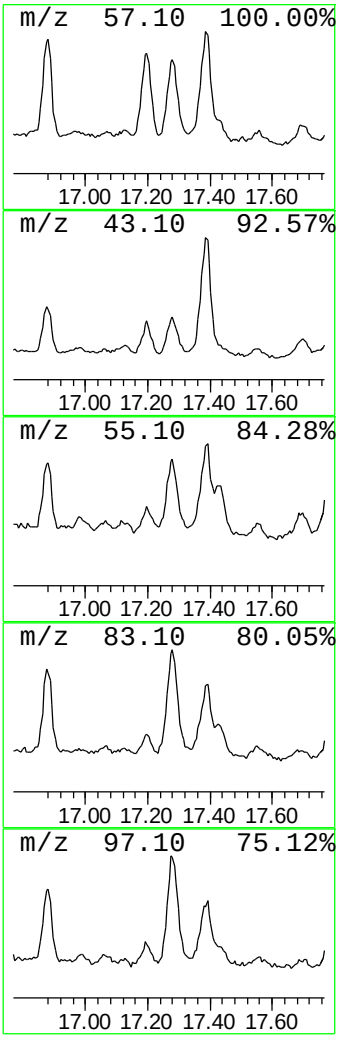
Peak Number 16 9-Tricosene, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	89.76 ng	1657380	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91





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

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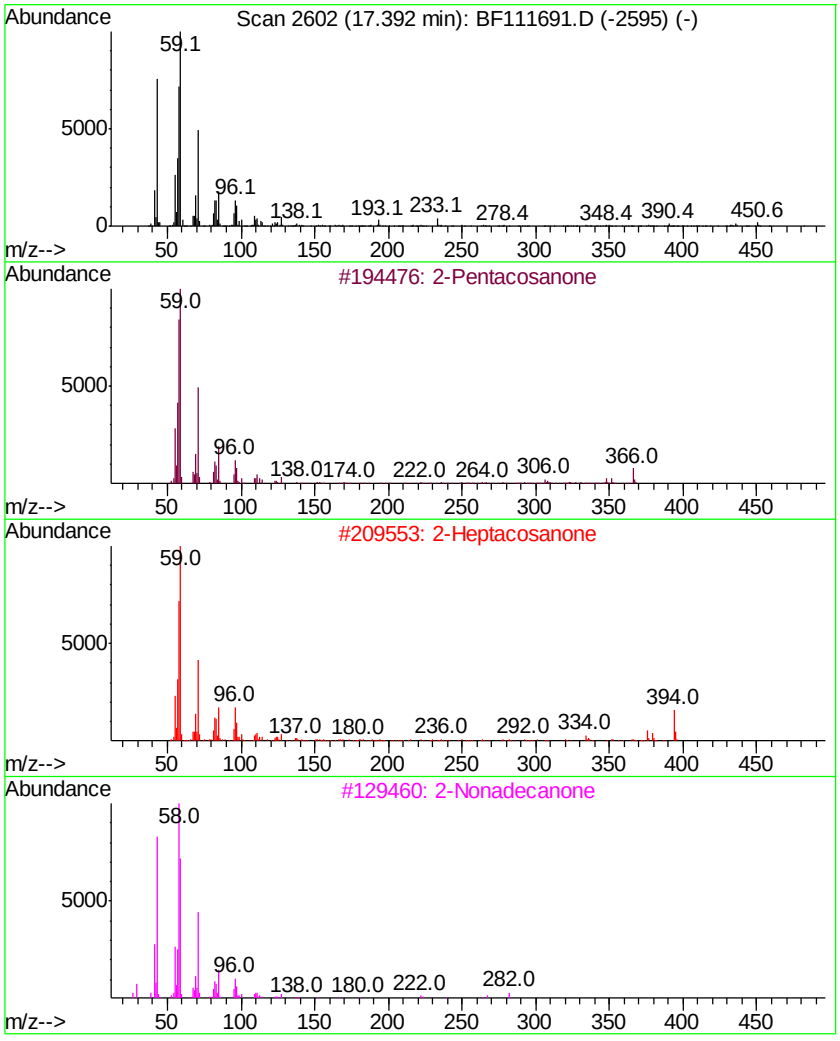
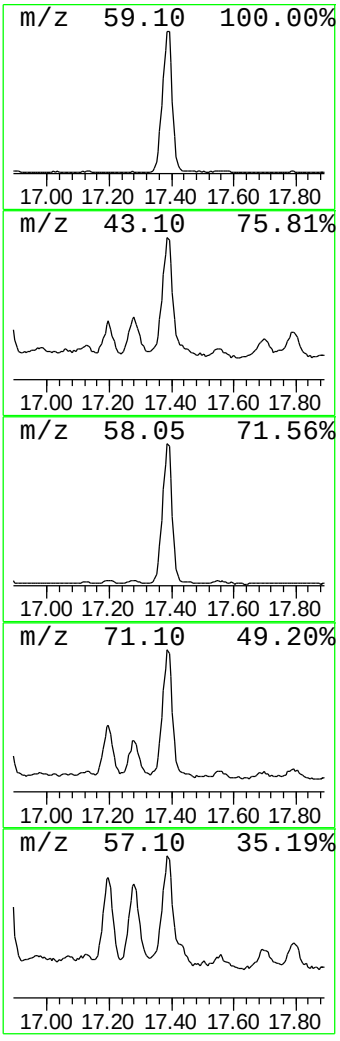
Peak Number 17 2-Pentacosanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	163.35 ng	3016110	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	90
2	2-Heptacosanone	394	C27H54O	007796-19-2	74
3	2-Nonadecanone	282	C19H38O	000629-66-3	64
4	2-Hexadecanone	240	C16H32O	018787-63-8	59
5	2-Pentadecanone	226	C15H30O	002345-28-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111691.D
Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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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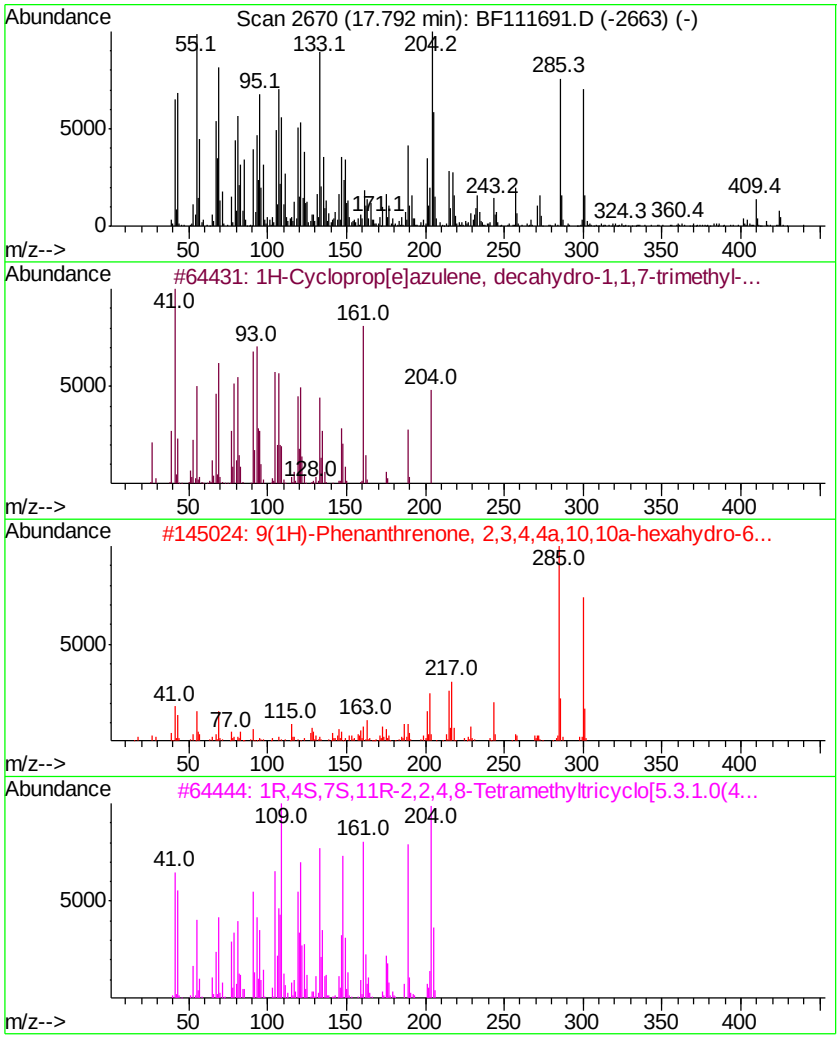
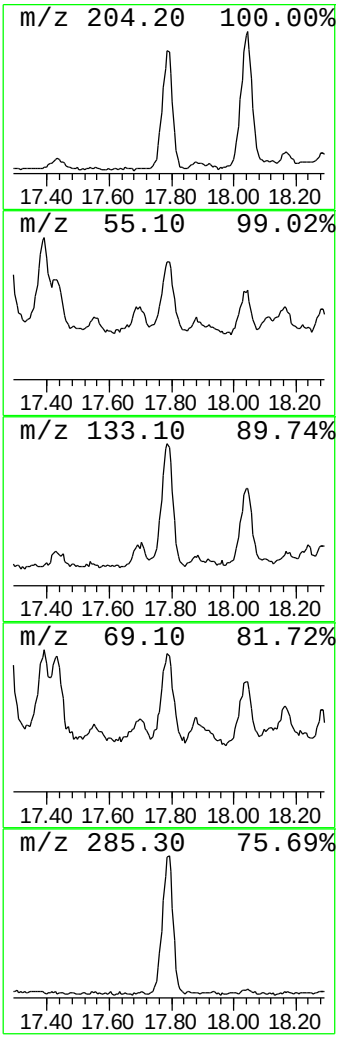
Peak Number 18 1H-Cycloprop[e]azulene, dec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	211.51 ng	3905460	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	64
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	55
3	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	50
4	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	46
5	1,3-Benzodioxole, 5-(1-(4-ethoxy...	300	C18H20O4	090632-70-5	44





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111691.D
Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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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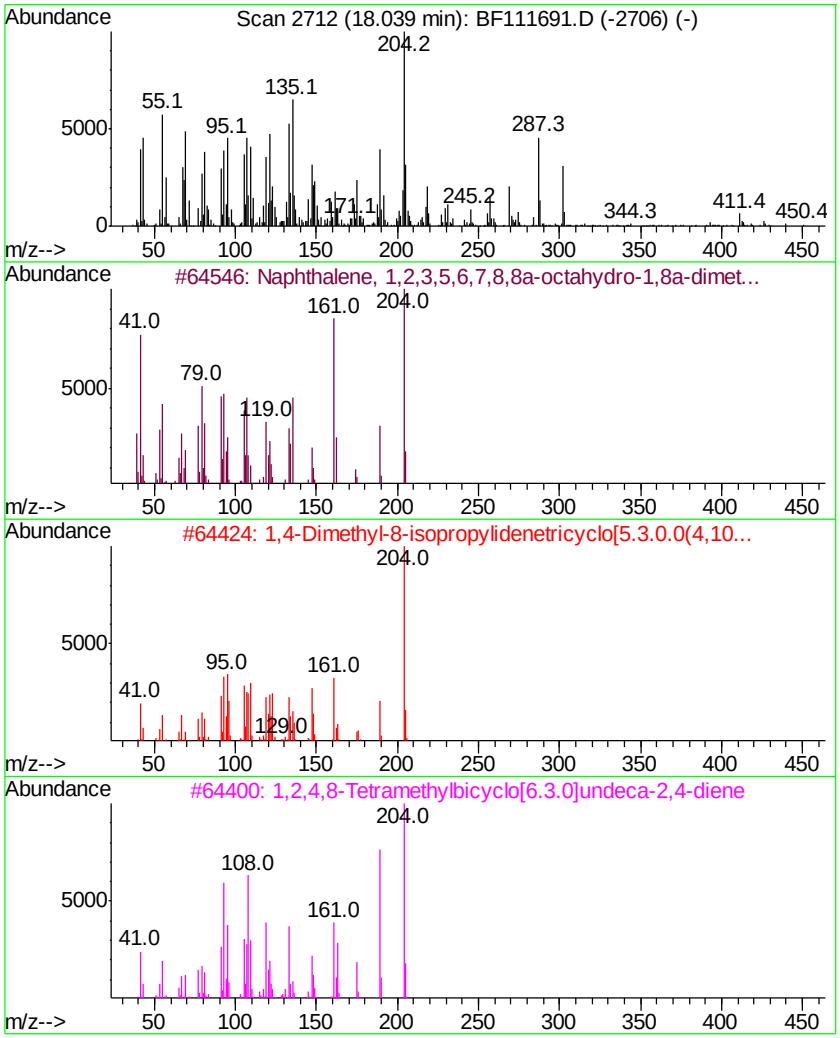
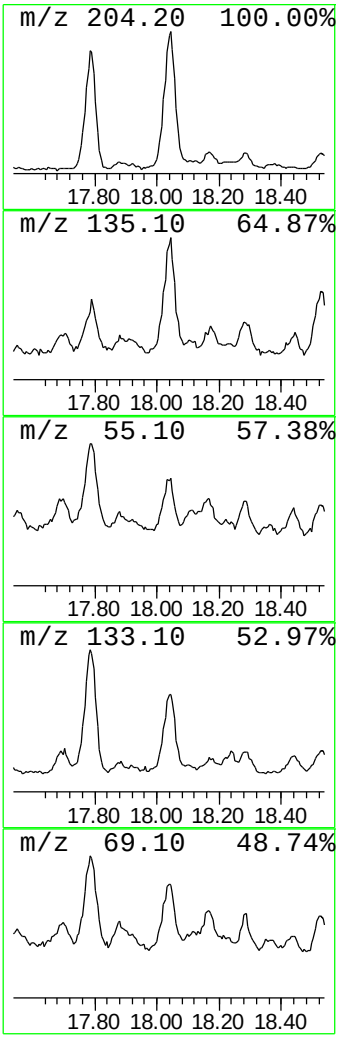
Peak Number 19 unknown18.04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	117.57 ng	2170860	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	47
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	45
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	30
5	Cyclopropene, 1,3-dimethyl-2,3-b...	204	C7H6F6	054932-73-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111691.D
Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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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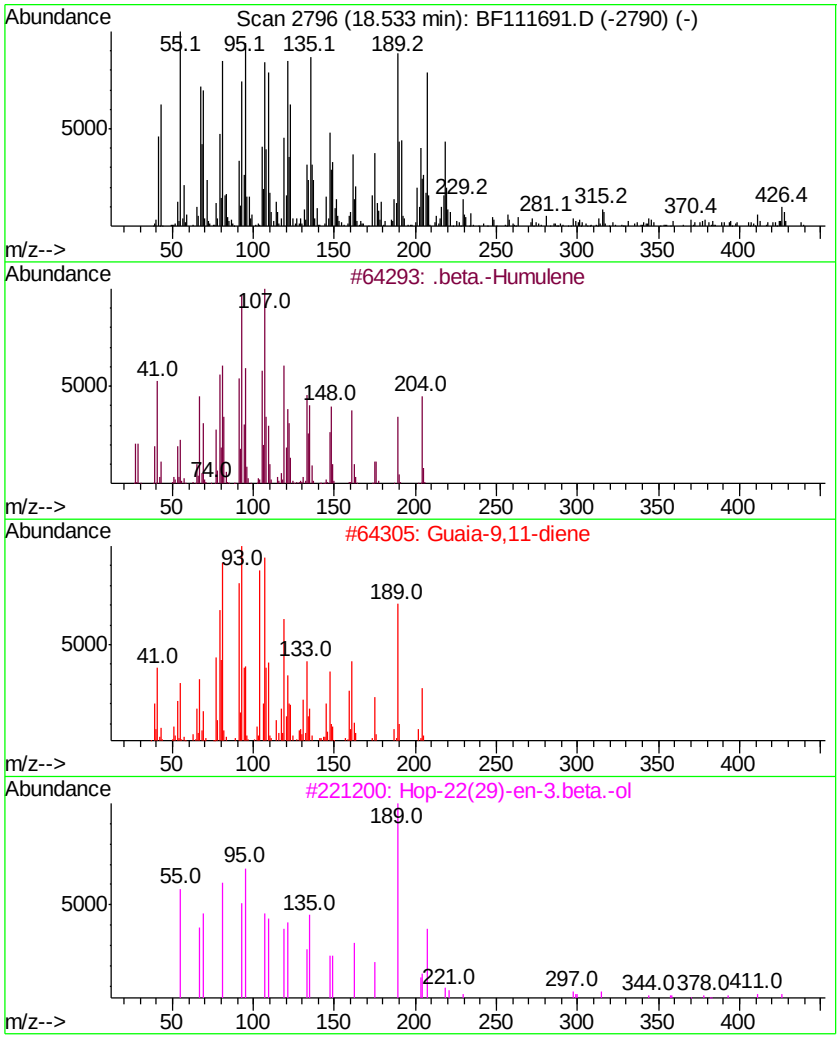
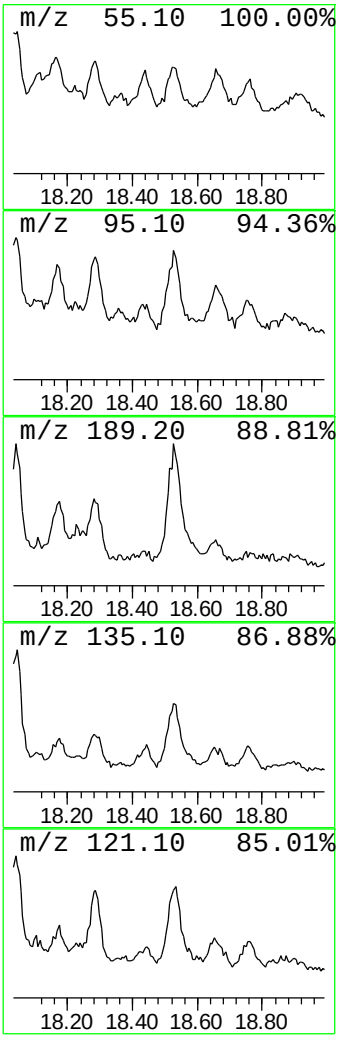
Peak Number 20 .beta.-Humulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	91.31 ng	1686090	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Humulene	204	C15H24	000116-04-1	90
2	Guaia-9,11-diene	204	C15H24	1000374-19-8	47
3	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	47
4	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	38
5	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111691.D
Acq On : 21 Dec 2018 17:00
Operator : JU/SJ
Sample : J6447-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01

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
2,3',4,4',5',6-He...	13.20	126.8	ng	5621030	5	14.06	886859	20.0
2,3,3',4',5,6-Hex...	13.39	105.1	ng	4659110	5	14.06	886859	20.0
1,1'-Biphenyl, 2,...	13.60	101.9	ng	4517480	5	14.06	886859	20.0
1-Heneicosanol	13.92	342.4	ng	15181500	5	14.06	886859	20.0
1-Docosene	14.56	404.4	ng	17931200	5	14.06	886859	20.0
Sulfurous acid, b...	14.86	141.3	ng	2608600	6	15.56	369293	20.0
1,37-Octatriacont...	15.01	108.3	ng	1999750	6	15.56	369293	20.0
Octacosane	15.22	387.6	ng	7156340	6	15.56	369293	20.0
Fumaric acid, 2-m...	15.24	317.3	ng	5858800	6	15.56	369293	20.0
2-Heptacosanone	15.29	96.3	ng	1778920	6	15.56	369293	20.0
(Z)-14-Tricosenyl...	15.81	133.0	ng	2456570	6	15.56	369293	20.0
Heptadecane, 9-oc...	16.06	211.4	ng	3903790	6	15.56	369293	20.0
Behenic alcohol	16.10	189.8	ng	3504200	6	15.56	369293	20.0
unknown16.22	16.22	84.8	ng	1565540	6	15.56	369293	20.0
9-Tricosene, (Z)-	17.27	89.8	ng	1657380	6	15.56	369293	20.0
2-Pentacosanone	17.39	163.3	ng	3016110	6	15.56	369293	20.0
1H-Cycloprop[e]az...	17.79	211.5	ng	3905460	6	15.56	369293	20.0
unknown18.04	18.04	117.6	ng	2170860	6	15.56	369293	20.0
.beta.-Humulene	18.53	91.3	ng	1686090	6	15.56	369293	20.0