LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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-BF071620.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	5.381	556	560	562	rBV	73720	82968	1.24%	0.111%
2	5.416	562	566	570	rVV	2719962	2863523	42.93%	3.815%
3	6.440	735	740	743	rBV	2783120	2900900	43.49%	3.865%
4	6.634	769	773	777	rBV2	63777	68978	1.03%	0.092%
5	6.798	798	801	805	rBV	1203625	984318	14.76%	1.312%
6	7.210	866	871	882	rBV4	39656	69015	1.03%	0.092%
7	7.363	890	897	900	rBV	2126387	2040947	30.60%	2.719%
8	8.081	1015	1019	1022	rBV	1413760	1253079	18.79%	1.670%
9	9.157	1198	1202	1206	rBV	3565881	3453150	51.77%	4.601%
10	9.298	1224	1226	1232	rVB	89300	95684	1.43%	0.127%
11	9.428	1243	1248	1252	rBV5	63002	91762	1.38%	0.122%
12	9.492	1257	1259	1262	rVV	165366	146174	2.19%	0.195%
13	9.551	1266	1269	1273	rVB	624462	489181	7.33%	0.652%
14	9.698	1289	1294	1299	rBV2	237577	395978	5.94%	0.528%
15	9.833	1312	1317	1320	rBV	1587154	1480146	22.19%	1.972%
16	9.863	1320	1322	1326	rVB2	179956	169611	2.54%	0.226%
17	9.957	1336	1338	1341	rVV2	114894	103596	1.55%	0.138%
18	9.986	1341	1343	1346	rVB2	90377	92101	1.38%	0.123%
19	10.039	1348	1352	1355	rBV	153600	137935	2.07%	0.184%
20	10.239	1383	1386	1388	rBV3	60218	74920	1.12%	0.100%
21	10.380	1407	1410	1414	rBV	150952	138408	2.08%	0.184%
22	10.539	1434	1437	1439	rBV3	82679	96736	1.45%	0.129%
23	10.592	1443	1446	1447	rBV	143108	119669	1.79%	0.159%
24	10.622	1447	1451	1455	rVB	1984486	1971381	29.56%	2.627%
25	10.745	1468	1472	1476	rBV4	169167	220491	3.31%	0.294%
26	10.869	1490	1493	1499	rBV5	89576	133825	2.01%	0.178%
27	10.928	1500	1503	1505	rBV3	81451	86269	1.29%	0.115%
28	10.986	1510	1513	1516	rBV4	138385	153998	2.31%	0.205%
29	11.051	1521	1524	1528	rBV4	67976	115032	1.72%	0.153%
30	11.122	1533	1536	1540	rVB	147601	136061	2.04%	0.181%
31	11.186	1541	1547	1550	rBV5	97379	162740	2.44%	0.217%
32	11.216	1550	1552	1555	rVV	85588	76709	1.15%	0.102%
33	11.275	1559	1562	1565	rBV3	72409	106439	1.60%	0.142%
34	11.322	1566	1570	1572	rBV	1353598	1360944	20.40%	1.813%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.345	1572	1574	1577	rVV	914277	819770	12.29%	1.092%
36	11.375	1577	1579	1580	rVV	186724	147837	2.22%	0.197%
37	11.392	1580	1582	1585	rVB	452846	358751	5.38%	0.478%
38	11.427	1585	1588	1591	rBV2	143160	159823	2.40%	0.213%
39	11.457	1591	1593	1597	rVB	184298	167062	2.50%	0.223%
40	11.539	1604	1607	1611	rBV2	146949	230953	3.46%	0.308%
41	11.616	1617	1620	1624	rBV	106086	89434	1.34%	0.119%
42	11.698	1631	1634	1638	rBV5	83516	130444	1.96%	0.174%
43	11.816	1650	1654	1657	rBV3	304203	373700	5.60%	0.498%
44	11.863	1657	1662	1665	rBV2	1479854	1692606	25.38%	2.255%
45	11.933	1671	1674	1676	rBV2	265170	253561	3.80%	0.338%
46	12.016	1683	1688	1690	rBV3	175950	294049	4.41%	0.392%
47	12.063	1694	1696	1699	rVB2	184324	153453	2.30%	0.204%
48	12.116	1700	1705	1707	rBV2	241762	332166	4.98%	0.443%
49	12.139	1707	1709	1713	rVB3	150676	170888	2.56%	0.228%
50	12.174	1713	1715	1717	rBV	89992	91188	1.37%	0.121%
51	12.263	1725	1730	1733	rBV2	291446	380051	5.70%	0.506%
52	12.298	1733	1736	1738	rBV	232488	207483	3.11%	0.276%
53	12.351	1742	1745	1746	rBV	138829	134597	2.02%	0.179%
54	12.369	1746	1748	1753	rBV3	166291	230886	3.46%	0.308%
55	12.457	1760	1763	1764	rBV	312803	312723	4.69%	0.417%
56	12.533	1772	1776	1779	rBV	2314987	2228925	33.42%	2.970%
57	12.574	1779	1783	1790	rVB	1872756	2165622	32.47%	2.885%
58	12.639	1791	1794	1799	rVV2	606693	673037	10.09%	0.897%
59	12.763	1809	1815	1818	rBV2	2077470	2292497	34.37%	3.055%
60	12.792	1818	1820	1830	rVB2	817888	1078224	16.17%	1.437%
61	12.910	1836	1840	1846	rVB	2723436	2881057	43.19%	3.839%
62	13.010	1855	1857	1860	rBV3	114641	91505	1.37%	0.122%
63	13.045	1860	1863	1865	rBV	495685	456901	6.85%	0.609%
64	13.086	1868	1870	1873	rVB	459368	449421	6.74%	0.599%
65	13.157	1879	1882	1884	rVB	322853	266502	4.00%	0.355%
66	13.192	1885	1888	1890	rVB2	281460	258586	3.88%	0.345%
67	13.280	1901	1903	1906	rBV2	219546	242190	3.63%	0.323%
68	13.410	1923	1925	1927	rVB	232287	165243	2.48%	0.220%
69	13.598	1954	1957	1961	rVB	226558	257932	3.87%	0.344%
70	13.739	1978	1981	1983	rBV	268758	263977	3.96%	0.352%
71	13.810	1990	1993	1998	rVB2	838453	899153	13.48%	1.198%

LSC Area Percent Report

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Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.957	2013	2018	2021	rBV3	1735771	2756524	41.33%	3.673%
73	13.986	2021	2023	2028	rVB	1389153	1203784	18.05%	1.604%
74	14.445	2098	2101	2104	rVB2	538938	508636	7.63%	0.678%
75	14.998	2190	2195	2197	rBV	1194999	1829738	27.43%	2.438%
76	15.068	2203	2207	2210	rBV	949524	1080576	16.20%	1.440%
77	15.098	2210	2212	2217	rVB	652062	661506	9.92%	0.881%
78	15.292	2241	2245	2251	rVB	709519	969593	14.54%	1.292%
79	15.351	2251	2255	2261	rVB	1107377	1394391	20.91%	1.858%
80	15.415	2262	2266	2268	rBV	799800	1022313	15.33%	1.362%
81	15.862	2338	2342	2347	rVB	742634	1066261	15.99%	1.421%
82	16.845	2504	2509	2512	rBV2	412942	813958	12.20%	1.085%
83	17.015	2534	2538	2543	rBV3	358489	772986	11.59%	1.030%
84	17.445	2602	2611	2622	rBV5	1689400	6669997	100.00%	8.887%
85	17.886	2680	2686	2695	rBV3	597310	1951843	29.26%	2.601%
86	17.980	2698	2702	2712	rVB4	876667	2422358	36.32%	3.228%
87	18.221	2736	2743	2760	rBV3	983895	4525016	67.84%	6.029%
88	18.427	2773	2778	2790	rVB3	783478	2127901	31.90%	2.835%

Sum of corrected areas: 75052246

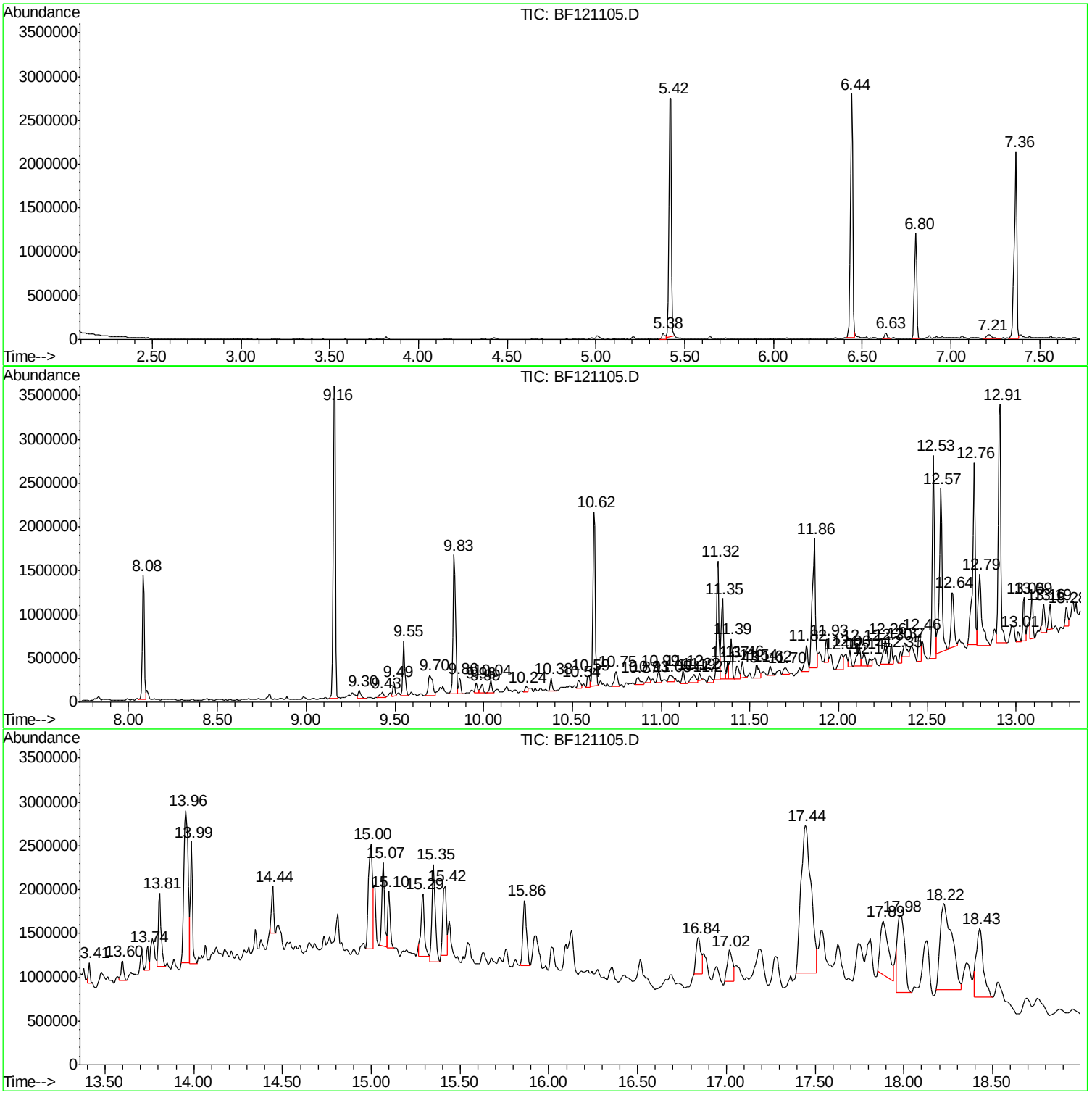
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

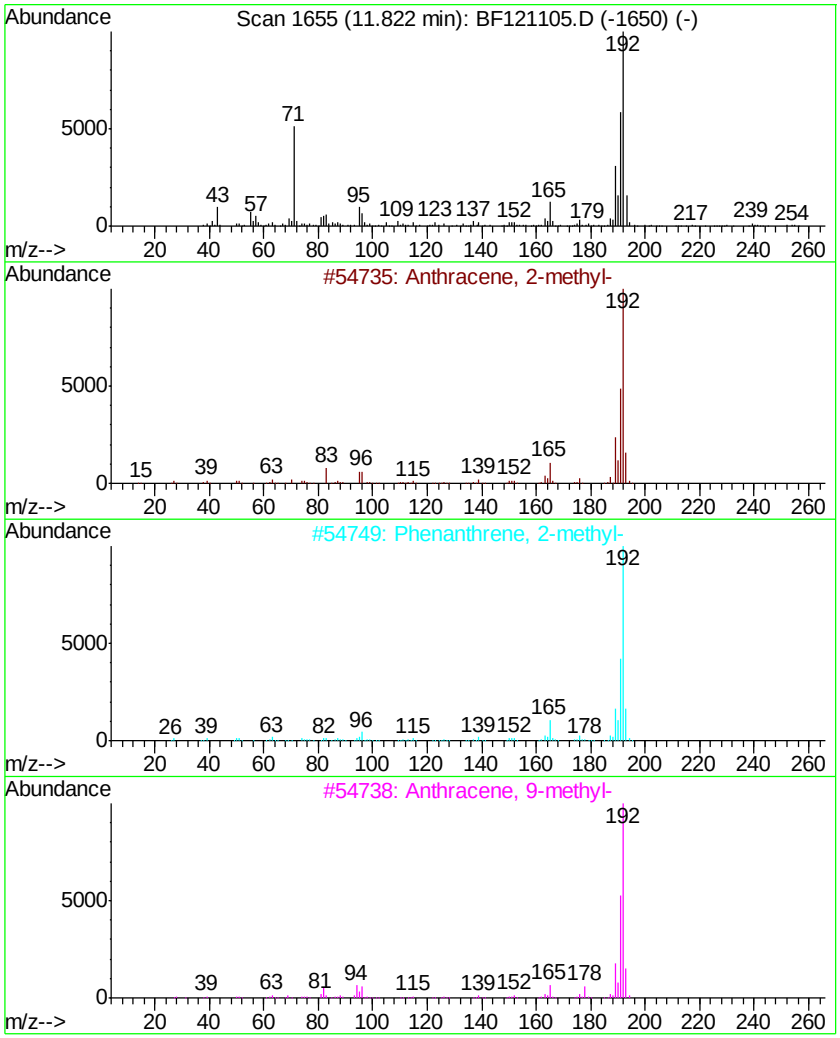
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

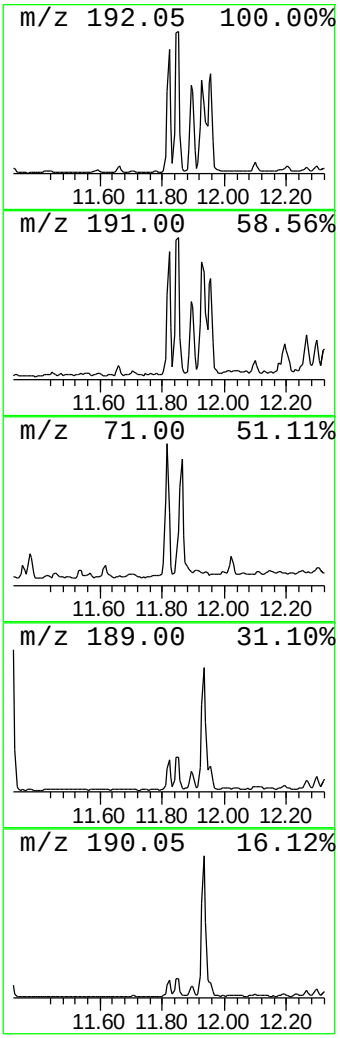
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	5.49 ng	373700	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

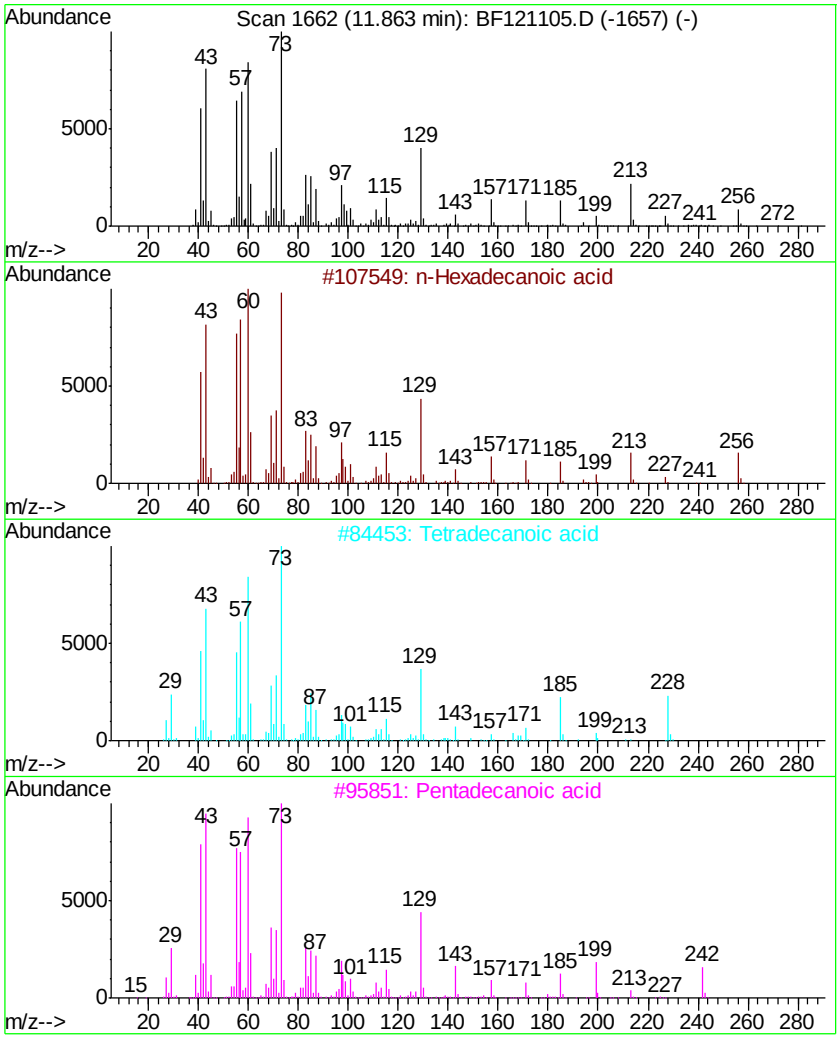
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

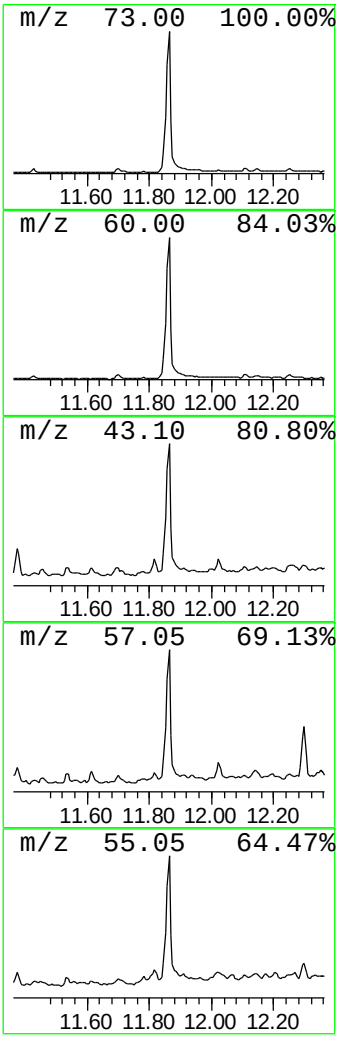
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	24.87 ng	1692610	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

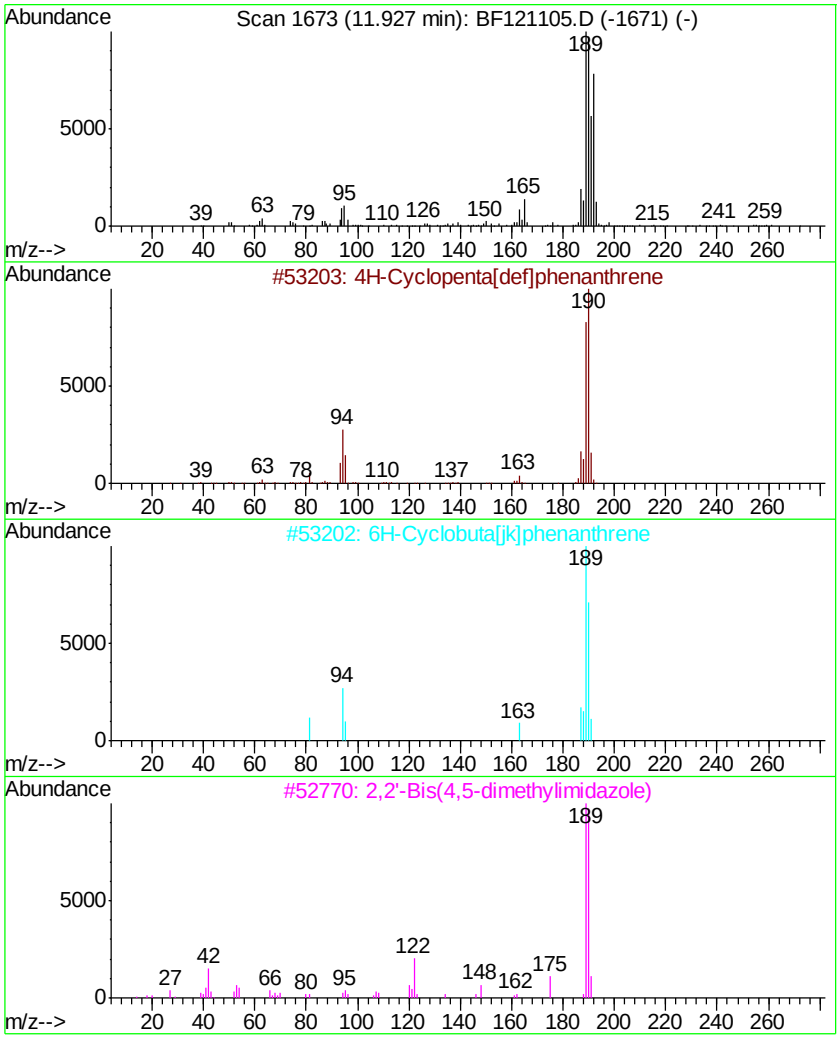
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

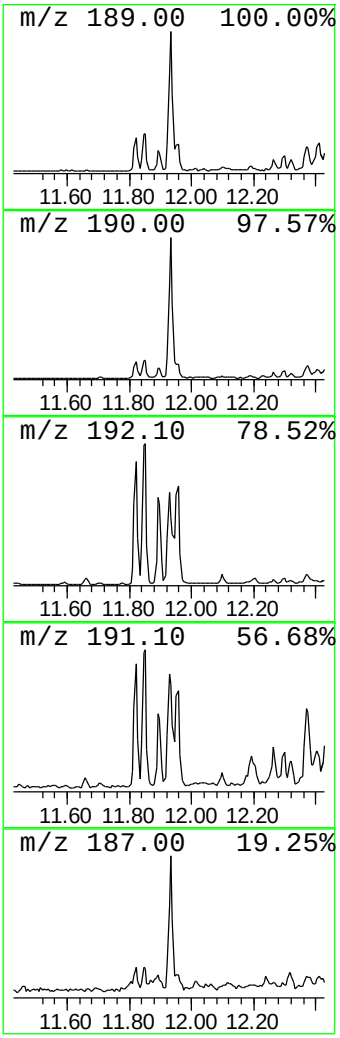
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.73 ng	253561	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

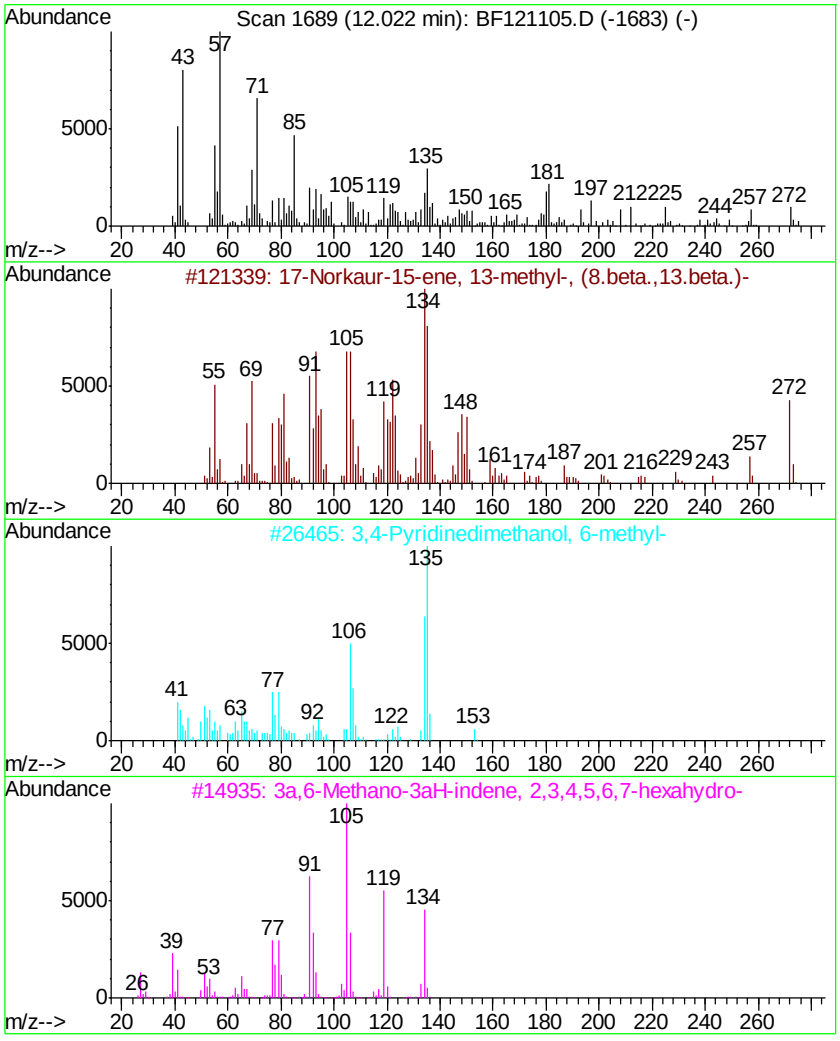
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

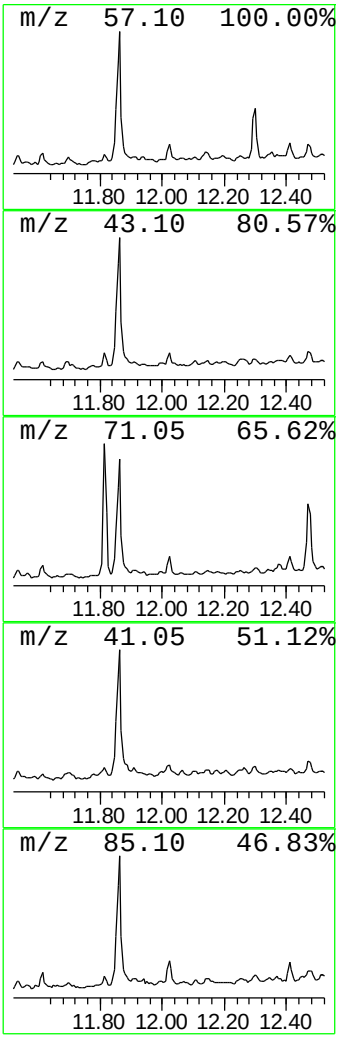
****

Peak Number 4 17-Norkaur-15-ene, 13-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.32 ng	294049	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	96
2	3,4-Pyridinedimethanol, 6-methyl-	153	C8H11NO2	004664-11-3	55
3	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	35
4	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	35
5	2-Allylphenol	134	C9H10O	001745-81-9	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

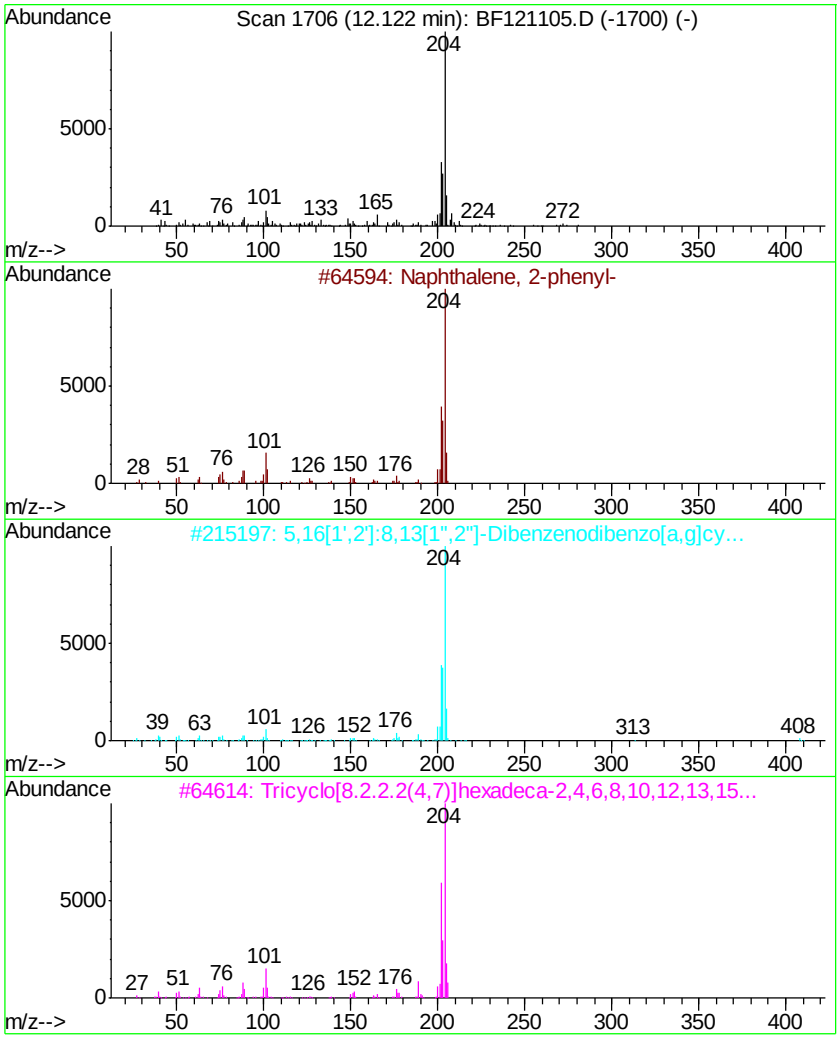
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

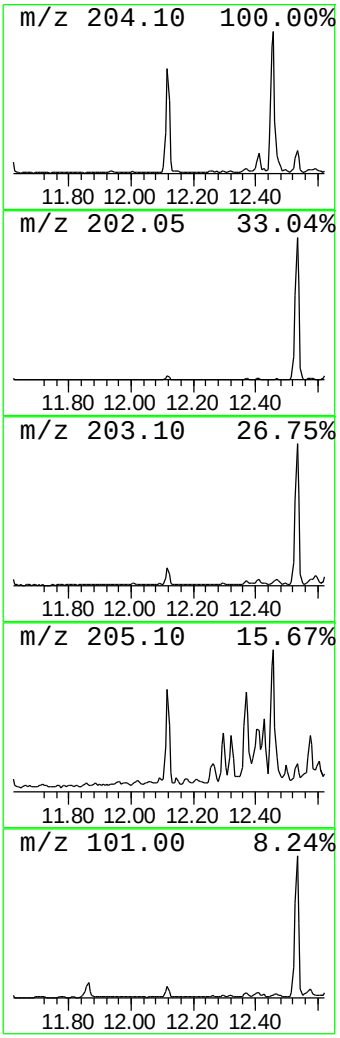
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	4.88 ng	332166	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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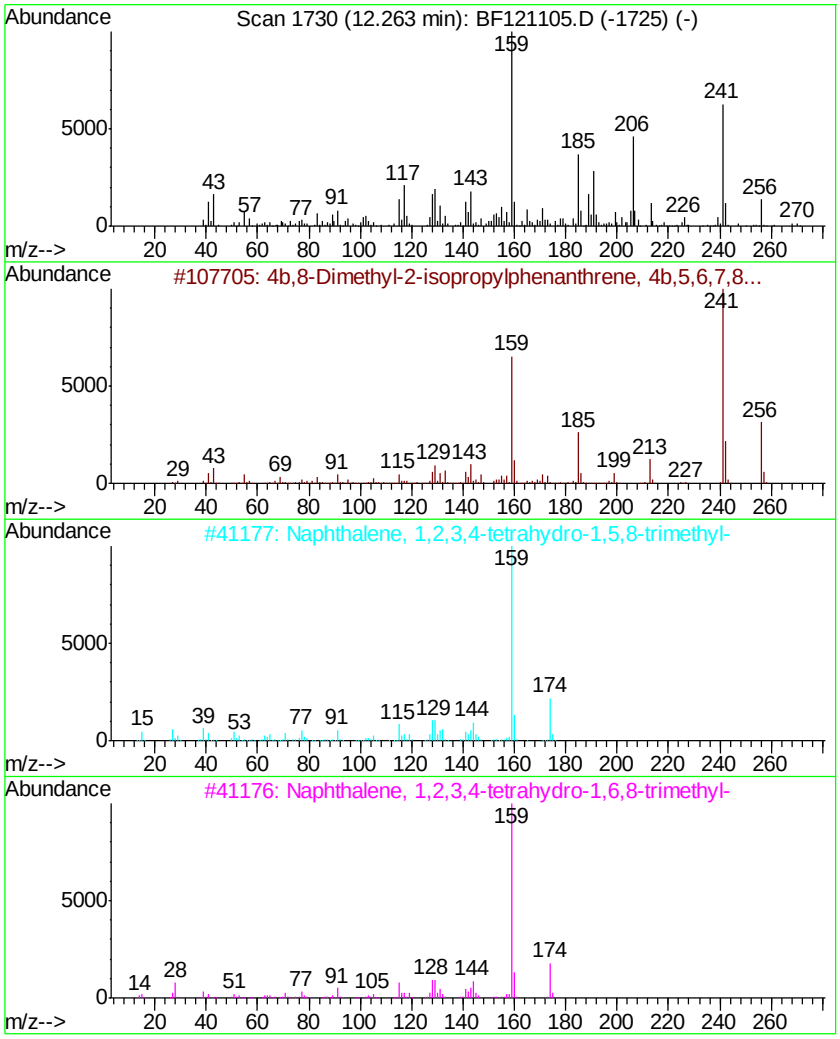
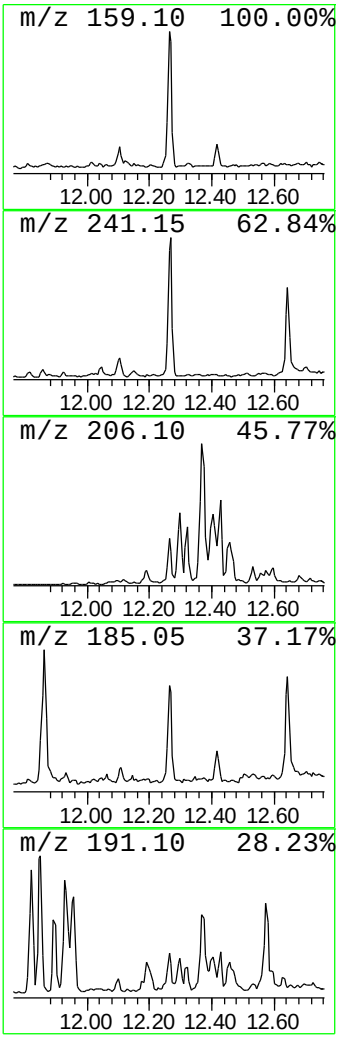
Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	5.59 ng	380051	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	30
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	25
4	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	25
5	Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	22





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Sample : L3430-02
Misc :
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Instrument : BNA_F
ClientSampleId : TS2

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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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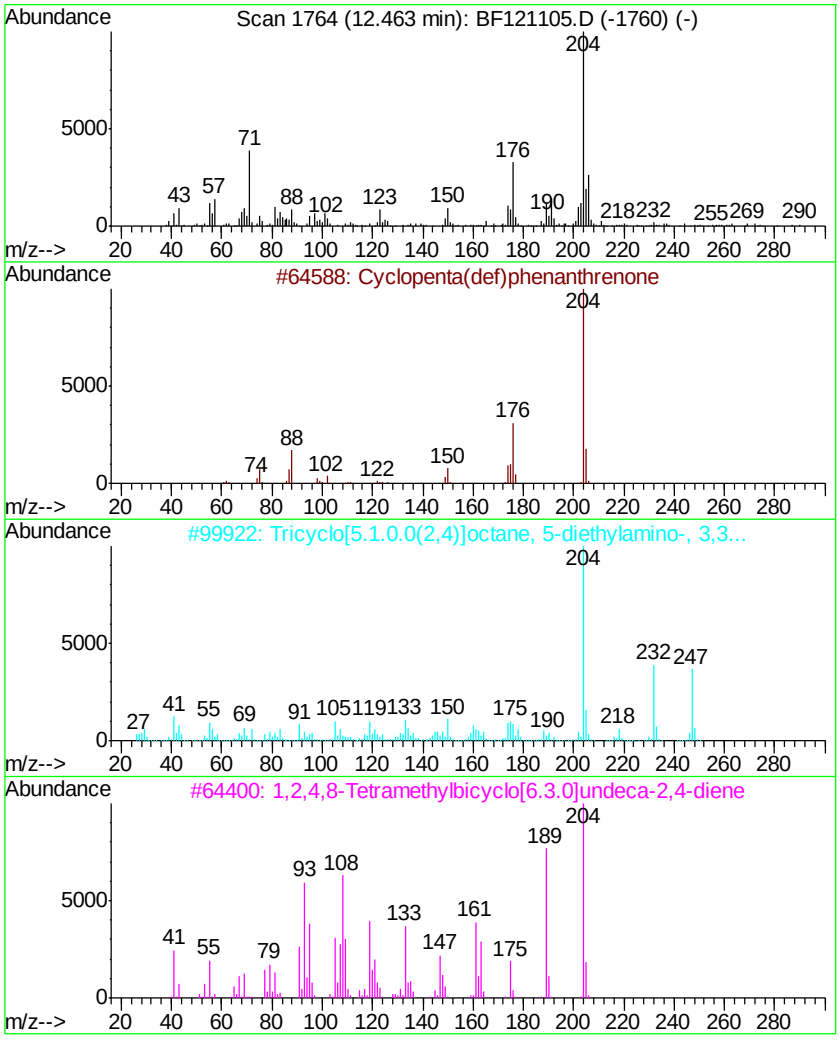
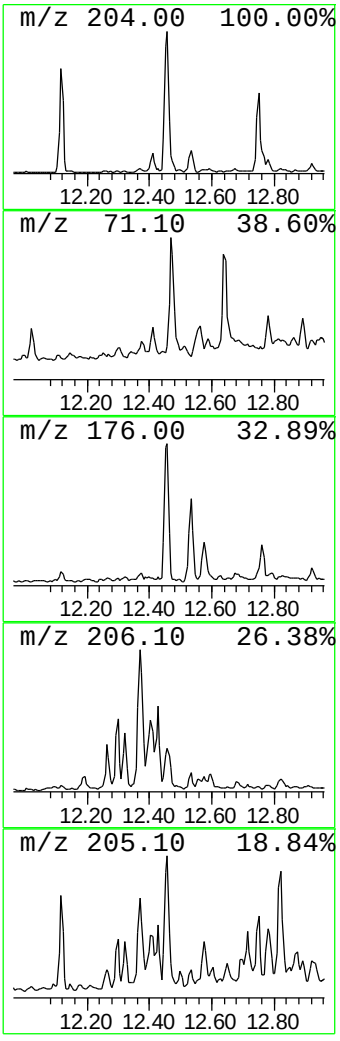
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.60 ng	312723	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	2-Methyl-5-nitroindole-3-carboxa...	204	C10H8N2O3	003558-17-6	43





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TIC Library : C:\DATABASE\NIST11.L
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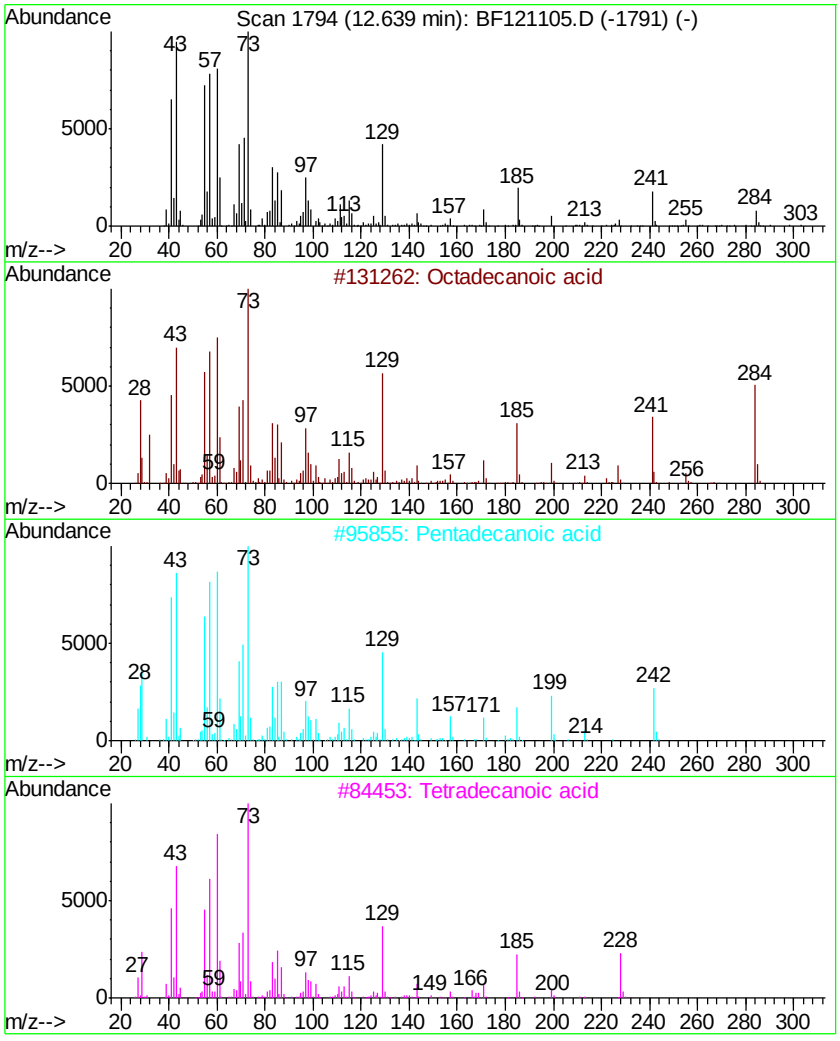
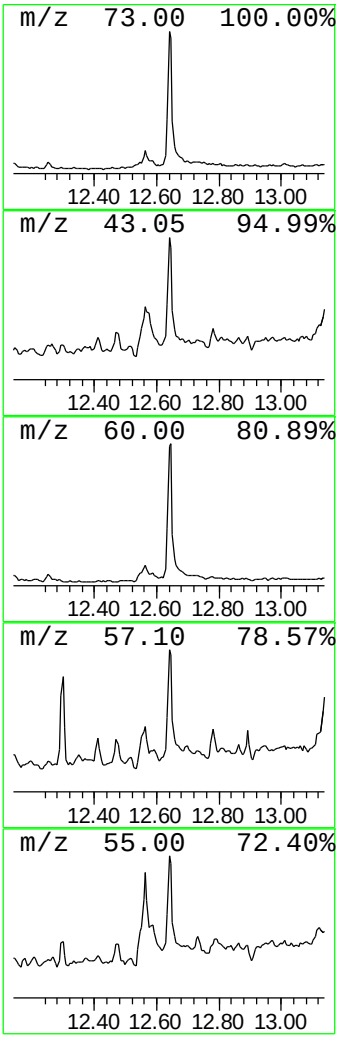
Peak Number 8 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	9.89 ng	673037	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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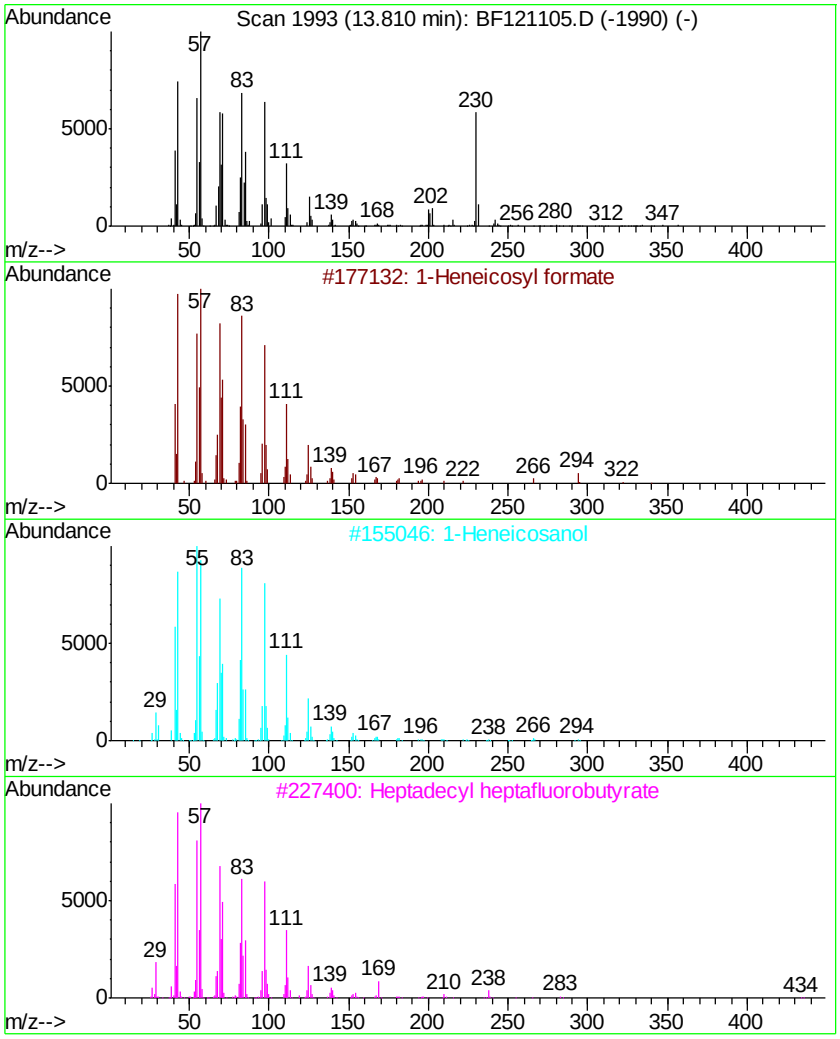
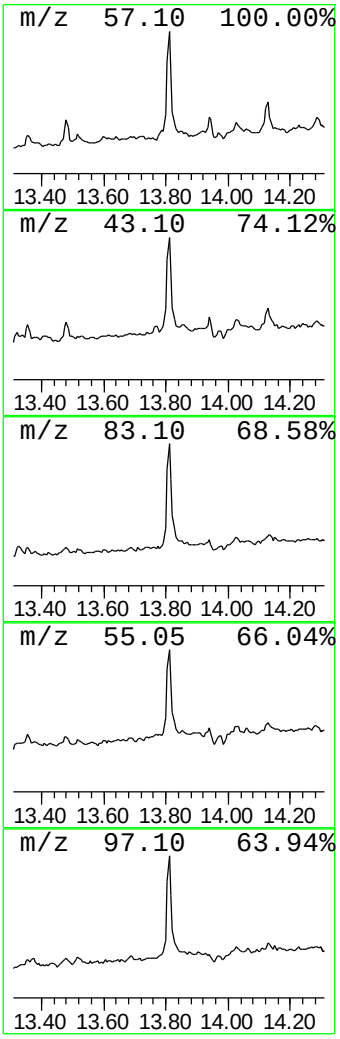
Peak Number 9 1-Heneicosyl formate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.52 ng	899153	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	76
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76





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

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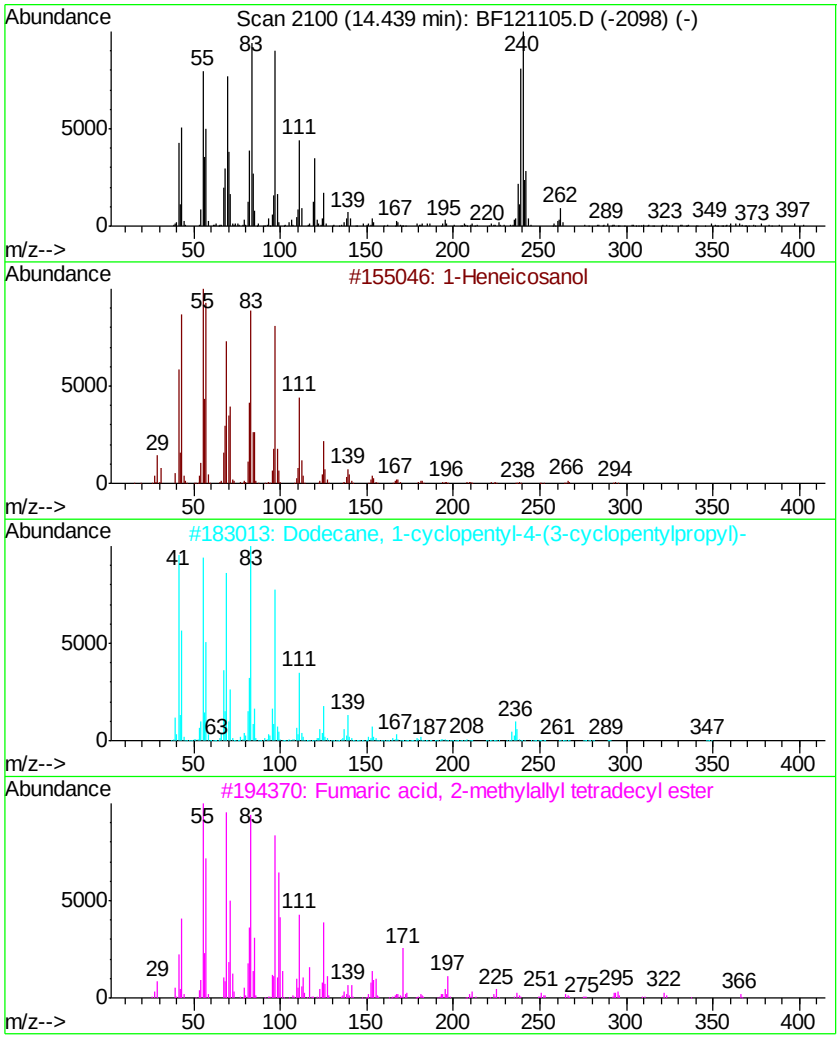
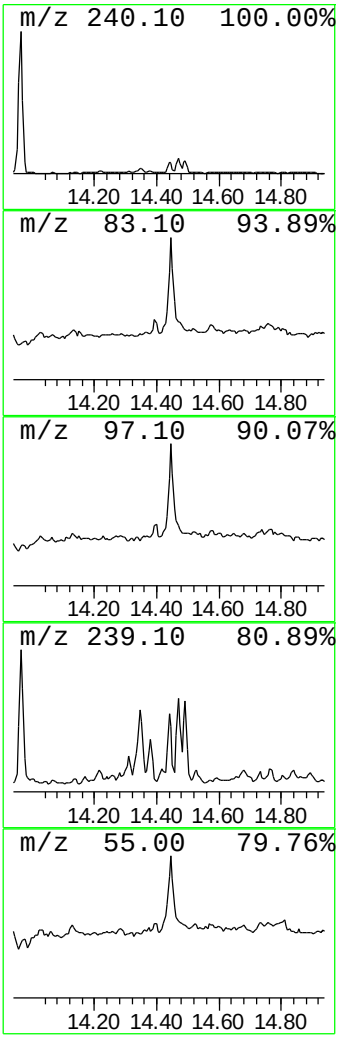
Peak Number 10 1-Heneicosanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.69 ng	508636	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	74
2	Dodecane, 1-cyclopentyl-4-(3-cyc...	348	C25H48	007225-68-5	58
3	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	38
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	35
5	1-Octadecanol	270	C18H38O	000112-92-5	25





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

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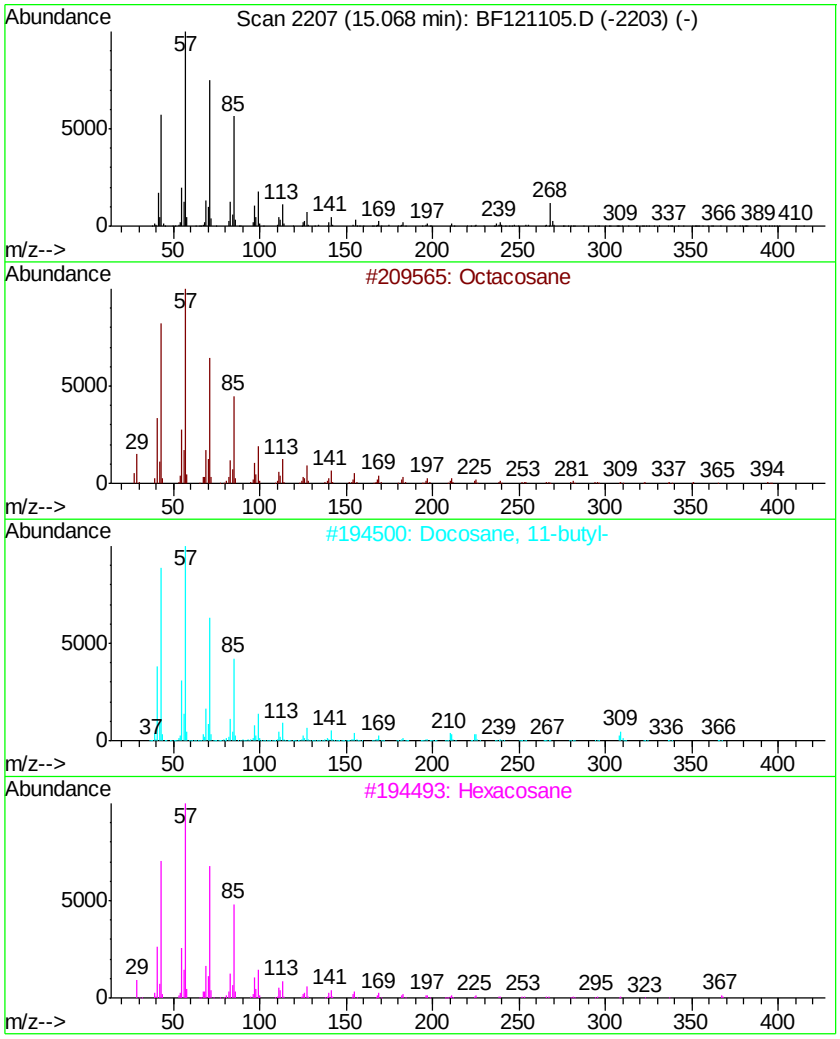
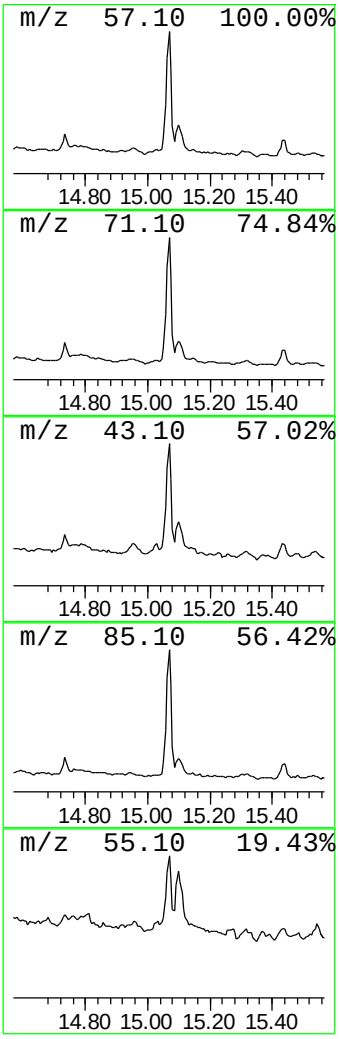
Peak Number 11 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	21.14 ng	1080580	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	86





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

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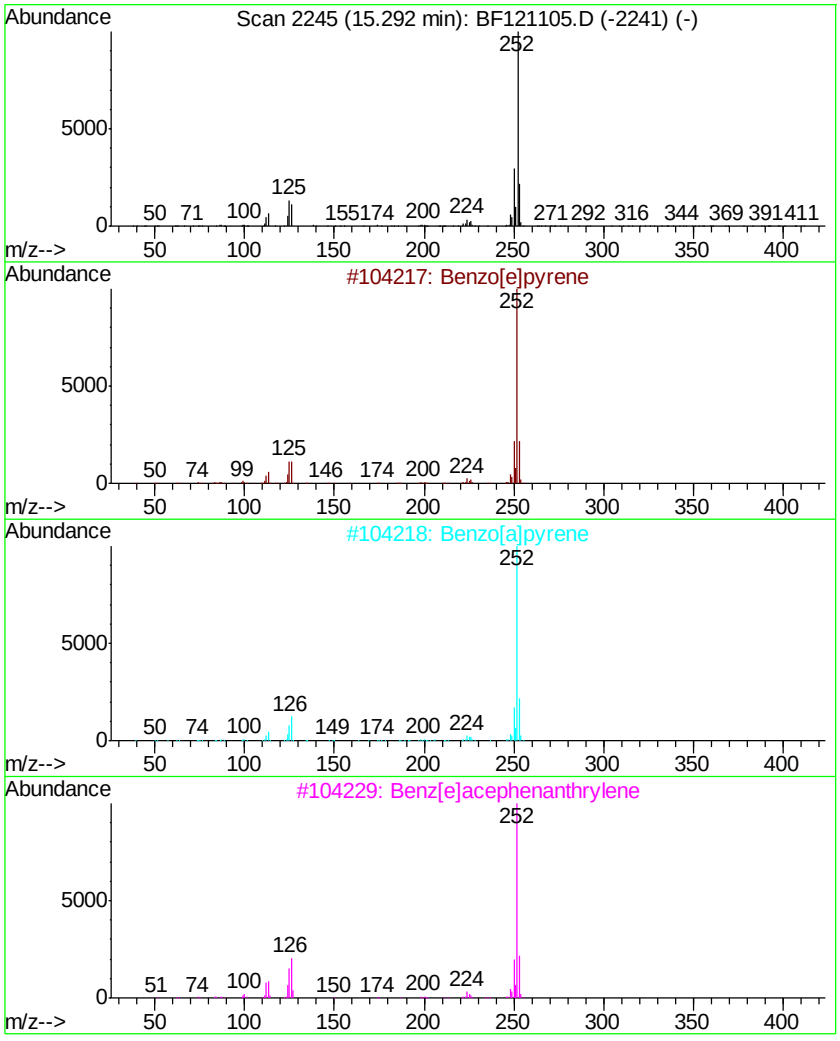
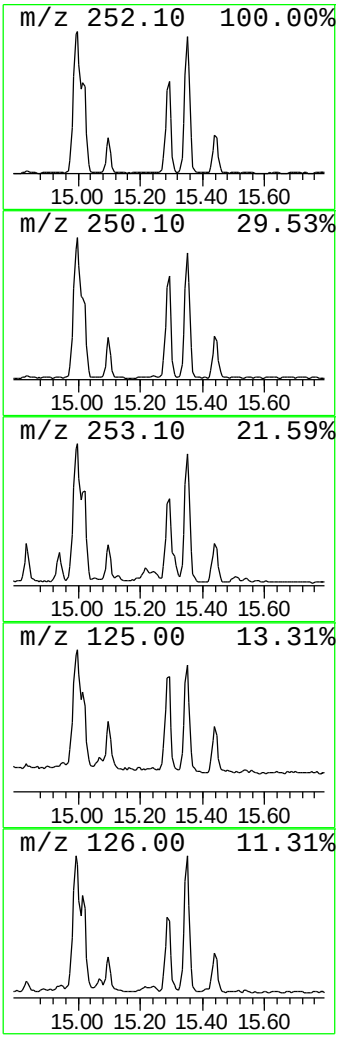
Peak Number 13 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	18.97 ng	969593	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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

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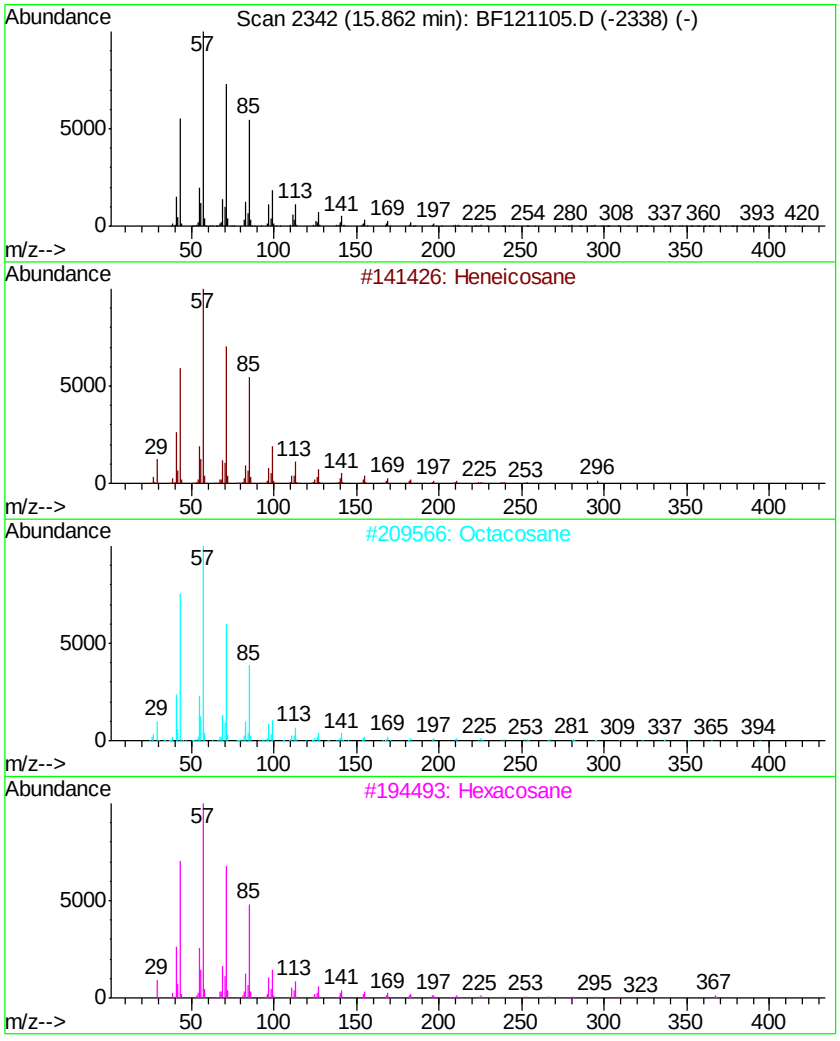
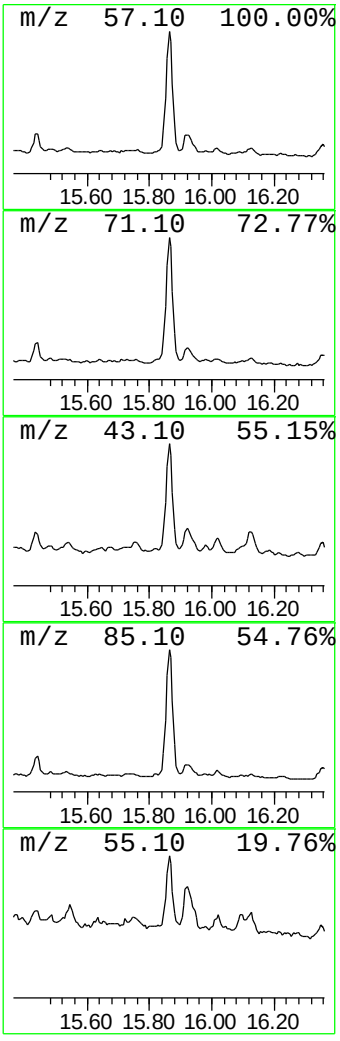
Peak Number 14 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	20.86 ng	1066260	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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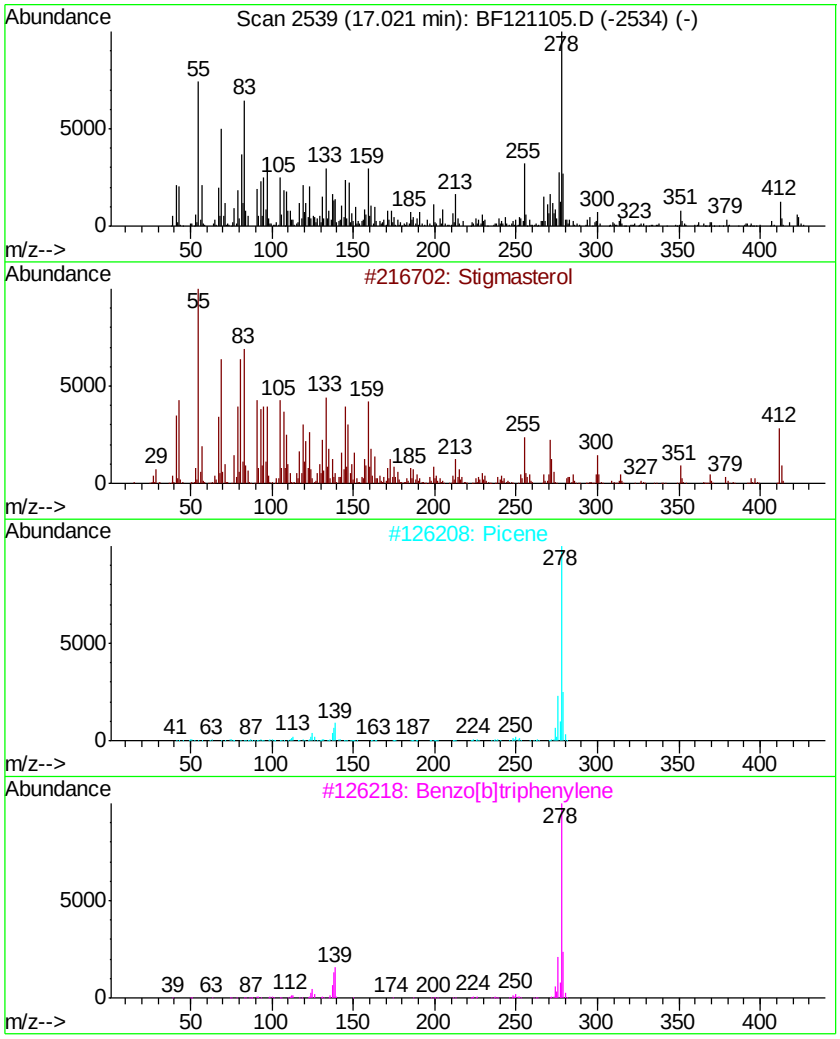
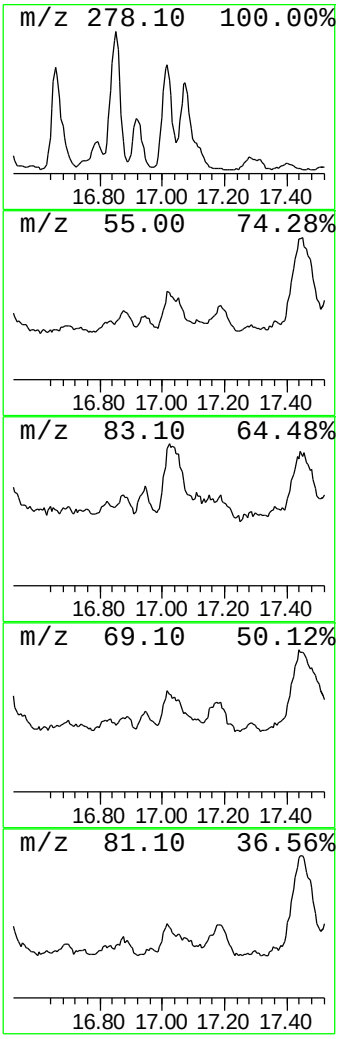
Peak Number 15 Stigmasterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	15.12 ng	772986	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	91
2	Picene	278	C22H14	000213-46-7	90
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	90
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
5	Quinoxaline, 6-(3-nitrobenzylide...	278	C15H10N4O2	302800-55-1	89





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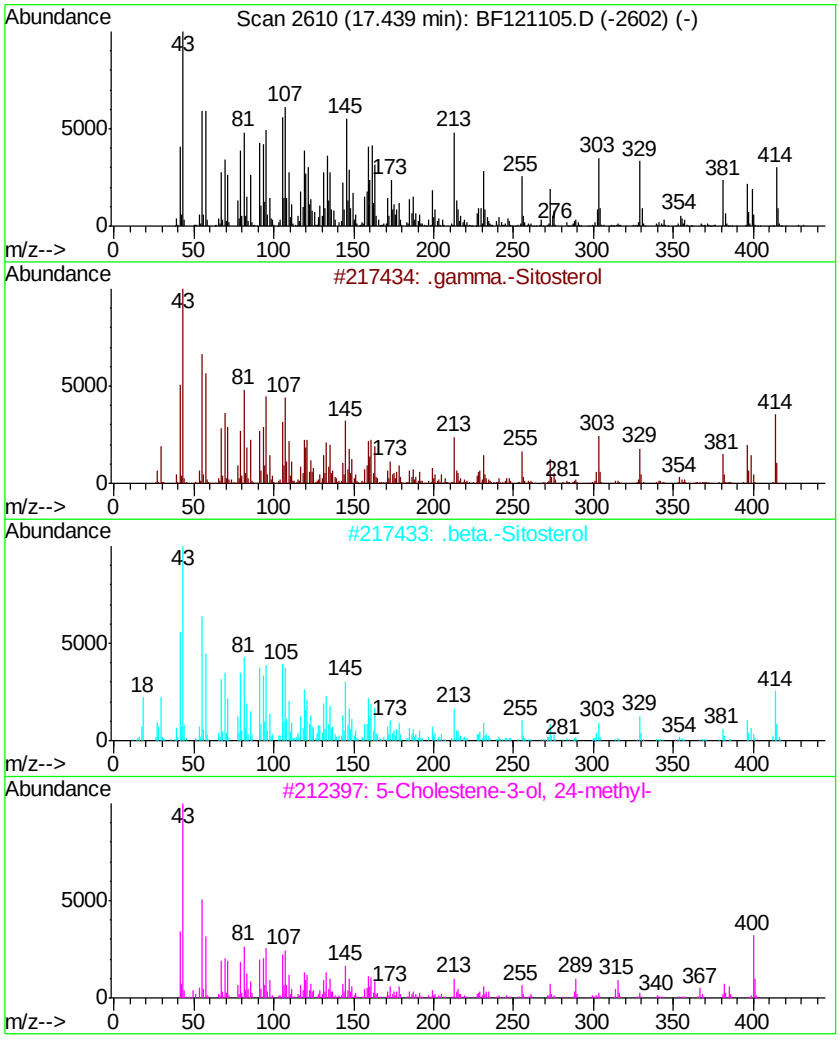
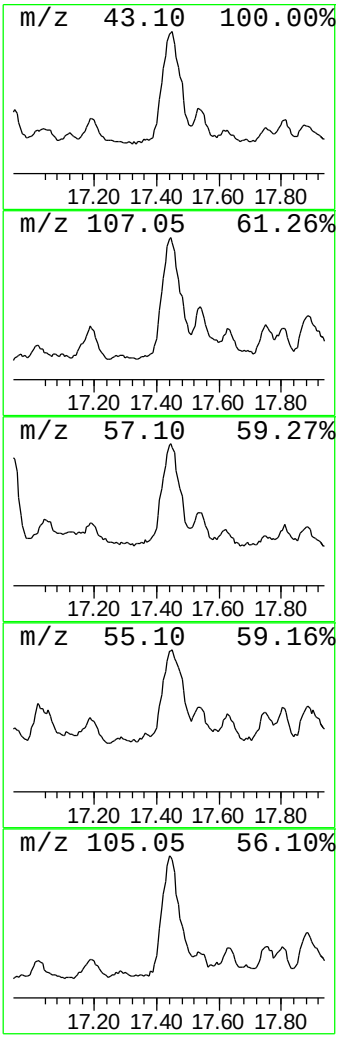
Peak Number 16 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	130.49 ng	6670000	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
3	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	38
4	22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	11
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	11





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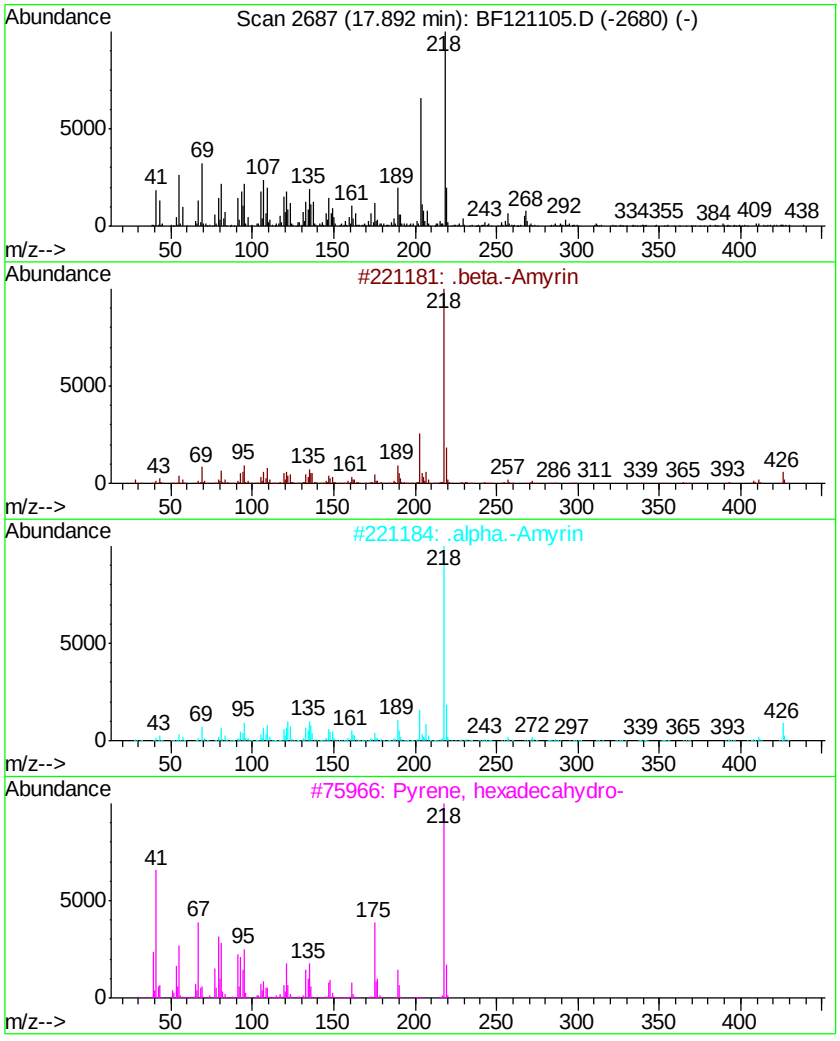
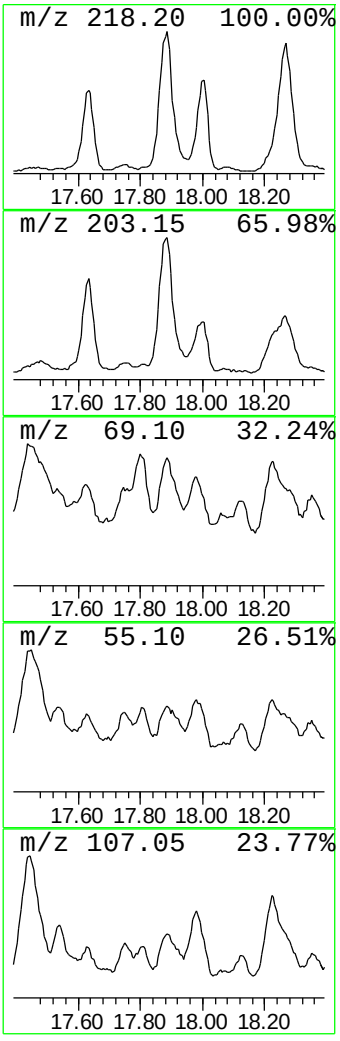
Peak Number 17 .beta.-Amyrin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	38.18 ng	1951840	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	92
2	.alpha.-Amyrin	426	C30H50O	000638-95-9	78
3	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	55
4	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	52
5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	49





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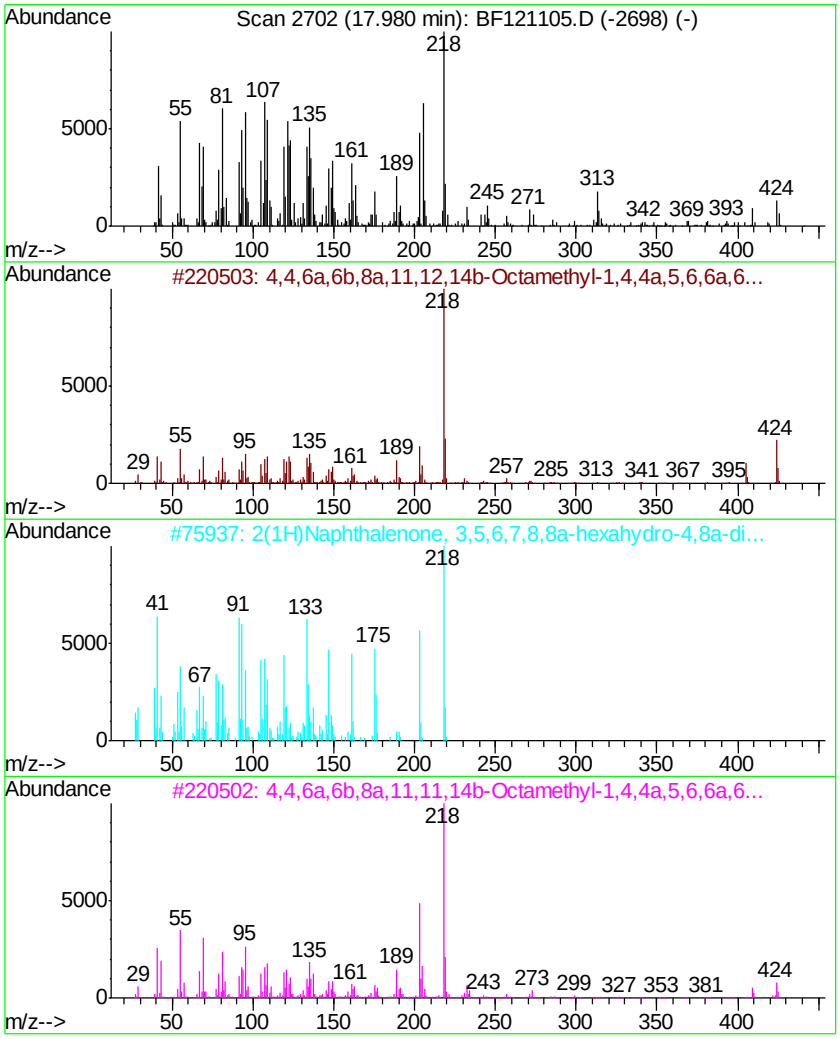
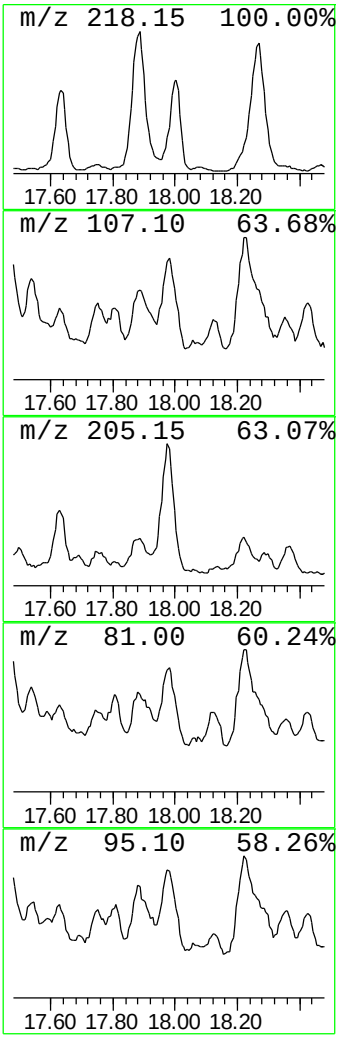
Peak Number 18 4,4,6a,6b,8a,11,12,14b-Octa... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	47.39 ng	2422360	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6a,6b,8a,11,12,14b-Octamethy...	424	C30H48O	1000194-64-2	94
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	64
3	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	50
4	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	45
5	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	43





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Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

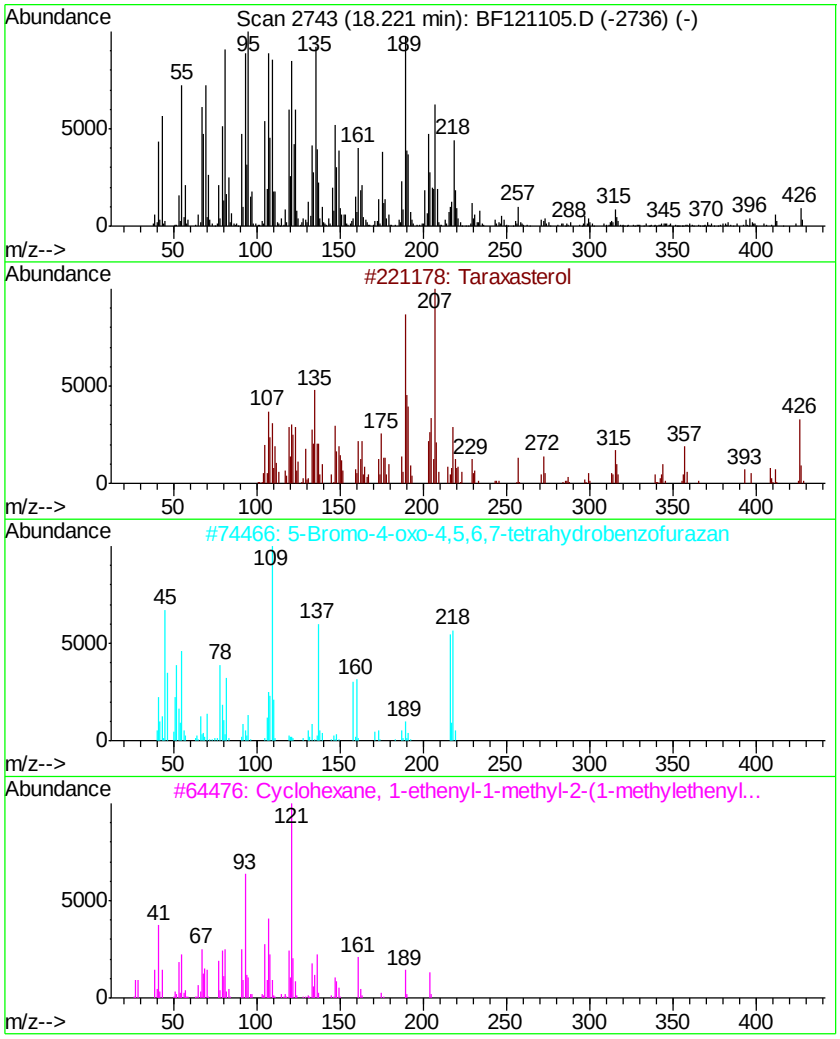
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

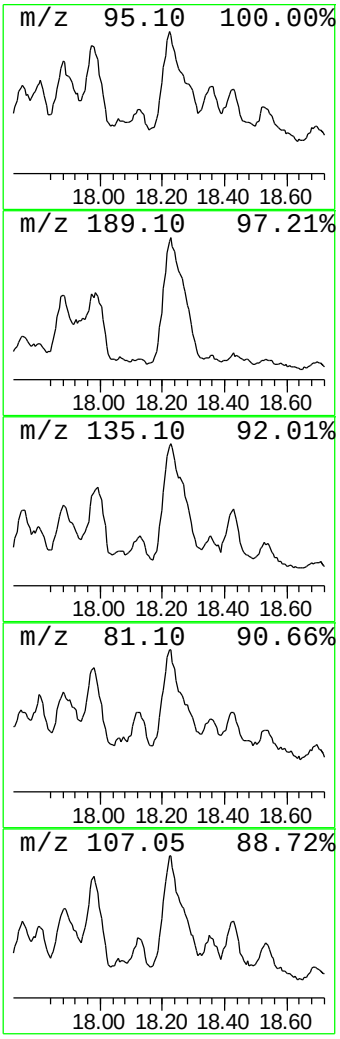
****

Peak Number 19 Taraxasterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	88.53 ng	4525020	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Taraxasterol	426	C30H50O	001059-14-9	72
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
3	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
4	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	45
5	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	44





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

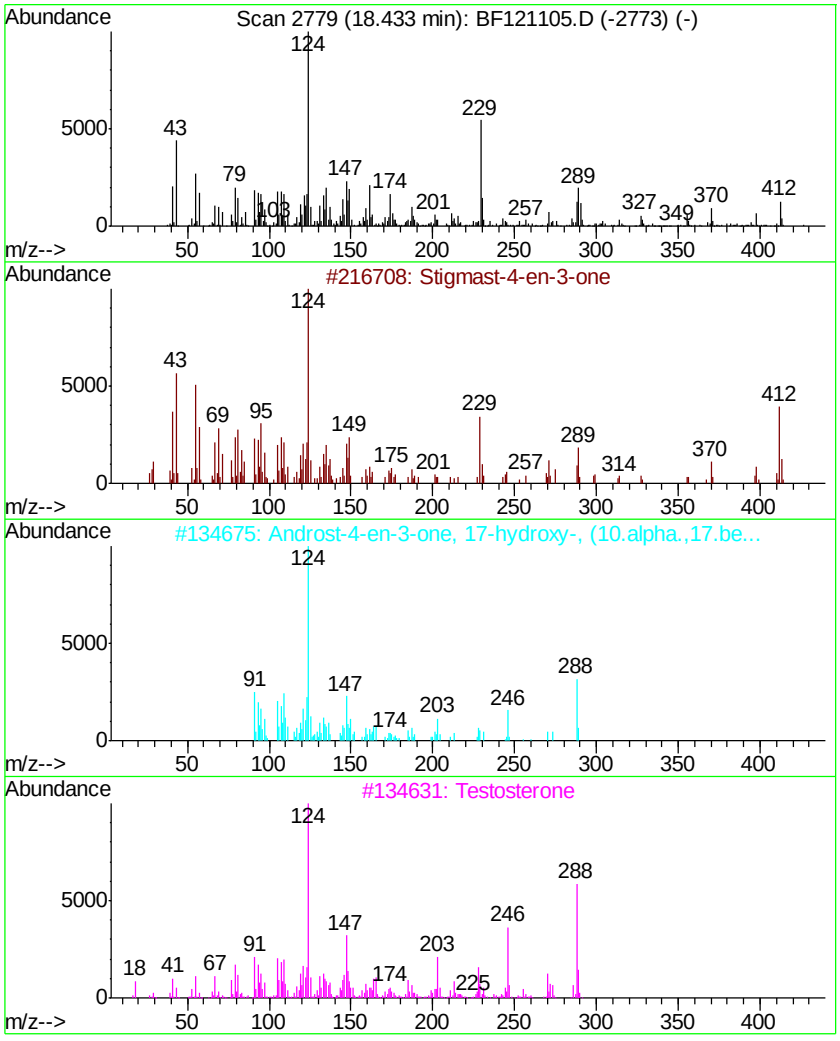
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

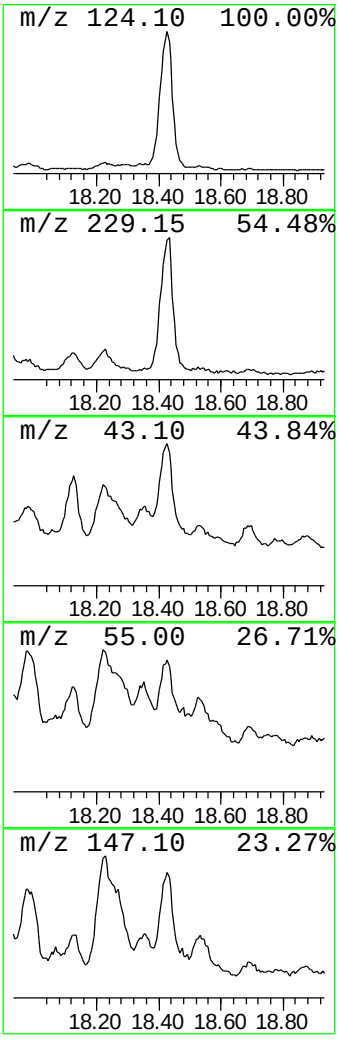
****

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	41.63 ng	2127900	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	60
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	50
3	Testosterone	288	C19H28O2	000058-22-0	43
4	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	43
5	Testosterone cypionate	412	C27H40O3	000058-20-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072920\
Data File : BF121105.D
Acq On : 29 Jul 2020 16:52
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Anthracene, 2-met...	11.82	5.5	ng	373700	4	11.32	1360940	20.0
n-Hexadecanoic acid	11.86	24.9	ng	1692610	4	11.32	1360940	20.0
4H-Cyclopenta[def...	11.93	3.7	ng	253561	4	11.32	1360940	20.0
17-Norkaur-15-ene...	12.02	4.3	ng	294049	4	11.32	1360940	20.0
Naphthalene, 2-ph...	12.12	4.9	ng	332166	4	11.32	1360940	20.0
4b,8-Dimethyl-2-i...	12.26	5.6	ng	380051	4	11.32	1360940	20.0
Cyclopenta(def)ph...	12.46	4.6	ng	312723	4	11.32	1360940	20.0
Octadecanoic acid	12.64	9.9	ng	673037	4	11.32	1360940	20.0
1-Heneicosyl formate	13.81	6.5	ng	899153	5	13.96	2756520	20.0
1-Heneicosanol	14.44	3.7	ng	508636	5	13.96	2756520	20.0
Octacosane	15.07	21.1	ng	1080580	6	15.42	1022310	20.0
Benzo[e]pyrene	15.29	19.0	ng	969593	6	15.42	1022310	20.0
Heneicosane	15.86	20.9	ng	1066260	6	15.42	1022310	20.0
Stigmasterol	17.02	15.1	ng	772986	6	15.42	1022310	20.0
.gamma.-Sitosterol	17.44	130.5	ng	6670000	6	15.42	1022310	20.0
.beta.-Amyrin	17.89	38.2	ng	1951840	6	15.42	1022310	20.0
4,4,6a,6b,8a,11,1...	17.98	47.4	ng	2422360	6	15.42	1022310	20.0
Taraxasterol	18.22	88.5	ng	4525020	6	15.42	1022310	20.0
Stigmast-4-en-3-one	18.43	41.6	ng	2127900	6	15.42	1022310	20.0