LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

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-BF022020.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	4.975	487	491	503	rVB	50226	67390	1.88%	0.164%
2	5.381	556	560	579	rBV	2610363	2743361	76.66%	6.676%
3	6.398	728	733	756	rBV	2773703	2720500	76.02%	6.621%
4	6.751	790	793	801	rBV	1113738	931005	26.02%	2.266%
5	6.910	816	820	823	rBV	2762125	2441488	68.23%	5.942%
6	7.316	884	889	892	rBV	1887203	1804025	50.41%	4.390%
7	8.034	1006	1011	1017	rBV	1391574	1253907	35.04%	3.051%
8	9.110	1188	1194	1197	rBV	3900615	3578462	100.00%	8.708%
9	9.228	1211	1214	1218	rVB	213433	199411	5.57%	0.485%
10	9.504	1257	1261	1265	rBV	230874	212664	5.94%	0.518%
11	9.704	1289	1295	1304	rBV6	31111	75207	2.10%	0.183%
12	9.786	1304	1309	1313	rBV	1698177	1463693	40.90%	3.562%
13	10.333	1398	1402	1405	rBV	105213	93238	2.61%	0.227%
14	10.575	1438	1443	1454	rBV	2688247	2383903	66.62%	5.801%
15	11.128	1532	1537	1541	rBV5	37346	53499	1.50%	0.130%
16	11.269	1557	1561	1563	rBV	1713525	1453271	40.61%	3.537%
17	11.292	1563	1565	1568	rVV	596691	468464	13.09%	1.140%
18	11.345	1569	1574	1577	rVV	1635584	1422157	39.74%	3.461%
19	11.498	1596	1600	1608	rBV	597673	589300	16.47%	1.434%
20	11.563	1608	1611	1613	rVV	44531	40357	1.13%	0.098%
21	11.727	1637	1639	1642	rBV3	35095	40187	1.12%	0.098%
22	11.769	1643	1646	1648	rVV	189363	180874	5.05%	0.440%
23	11.798	1648	1651	1656	rVB	570785	538371	15.04%	1.310%
24	11.845	1656	1659	1662	rVB	164992	140385	3.92%	0.342%
25	11.880	1662	1665	1667	rBV	242065	240170	6.71%	0.584%
26	11.904	1667	1669	1674	rVB	79362	77421	2.16%	0.188%
27	11.951	1674	1677	1678	rBV	70901	67109	1.88%	0.163%
28	11.975	1679	1681	1688	rVB2	108274	133146	3.72%	0.324%
29	12.063	1693	1696	1698	rVV	190628	177380	4.96%	0.432%
30	12.092	1698	1701	1707	rVB	337494	322086	9.00%	0.784%
31	12.210	1716	1721	1724	rVB	62676	66057	1.85%	0.161%
32	12.316	1736	1739	1742	rBV	92327	96179	2.69%	0.234%
33	12.357	1742	1746	1748	rVV2	53178	61574	1.72%	0.150%
34	12.404	1751	1754	1759	rVB	112338	114811	3.21%	0.279%

LSC Area Percent Report

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Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.480	1762	1767	1770	rBV	1439807	1302924	36.41%	3.171%
36	12.522	1770	1774	1776	rVB3	76050	80801	2.26%	0.197%
37	12.580	1781	1784	1787	rBV2	131782	142491	3.98%	0.347%
38	12.616	1787	1790	1796	rVB2	95649	123327	3.45%	0.300%
39	12.704	1799	1805	1809	rBV2	741543	924970	25.85%	2.251%
40	12.757	1811	1814	1818	rVB2	63851	76079	2.13%	0.185%
41	12.851	1822	1830	1833	rBV	3529169	3332211	93.12%	8.109%
42	12.927	1838	1843	1847	rBV2	69225	111462	3.11%	0.271%
43	13.016	1854	1858	1859	rBV2	55377	66589	1.86%	0.162%
44	13.033	1859	1861	1864	rVV	160649	148500	4.15%	0.361%
45	13.098	1868	1872	1875	rVV	138026	163193	4.56%	0.397%
46	13.139	1875	1879	1886	rVB2	90910	124187	3.47%	0.302%
47	13.233	1891	1895	1897	rBV	42144	38120	1.07%	0.093%
48	13.263	1897	1900	1904	rBV2	49293	54986	1.54%	0.134%
49	13.427	1922	1928	1931	rBV5	50179	83390	2.33%	0.203%
50	13.545	1945	1948	1952	rVB	113571	105118	2.94%	0.256%
51	13.651	1961	1966	1969	rBV	108775	126113	3.52%	0.307%
52	13.704	1972	1975	1979	rVV3	61449	109536	3.06%	0.267%
53	13.745	1979	1982	1990	rVB2	543645	656687	18.35%	1.598%
54	13.904	2001	2009	2011	rBV2	1330527	1450243	40.53%	3.529%
55	13.927	2011	2013	2017	rVB	710571	608715	17.01%	1.481%
56	14.069	2032	2037	2039	rBV2	109877	130150	3.64%	0.317%
57	14.098	2039	2042	2045	rVB	101360	95444	2.67%	0.232%
58	14.292	2072	2075	2078	rVB	59321	54626	1.53%	0.133%
59	14.327	2078	2081	2085	rBV2	41127	53901	1.51%	0.131%
60	14.380	2085	2090	2094	rBV	527515	628807	17.57%	1.530%
61	14.598	2122	2127	2130	rBV6	26697	48664	1.36%	0.118%
62	14.668	2137	2139	2147	rVB	91534	102822	2.87%	0.250%
63	14.739	2148	2151	2154	rVB	76279	66581	1.86%	0.162%
64	14.804	2159	2162	2164	rBV2	59265	69243	1.93%	0.169%
65	14.927	2178	2183	2185	rBV	185151	261911	7.32%	0.637%
66	14.992	2190	2194	2196	rBV2	149556	188449	5.27%	0.459%
67	15.021	2196	2199	2202	rVV4	45726	68149	1.90%	0.166%
68	15.210	2228	2231	2237	rVB	100785	128181	3.58%	0.312%
69	15.274	2237	2242	2247	rVB	114147	154855	4.33%	0.377%
70	15.333	2247	2252	2264	rBV	809266	1203878	33.64%	2.930%
71	15.539	2283	2287	2293	rVB5	56372	87613	2.45%	0.213%

LSC Area Percent Report

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Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.757	2320	2324	2328	rBV	77846	108212	3.02%	0.263%
73	15.810	2328	2333	2340	rVB	97612	169973	4.75%	0.414%
74	16.227	2401	2404	2408	rBV2	27502	45241	1.26%	0.110%
75	16.510	2448	2452	2457	rVB5	31445	52427	1.47%	0.128%
76	16.739	2485	2491	2496	rBV2	70713	137449	3.84%	0.334%
77	16.880	2510	2515	2523	rBV8	48559	110887	3.10%	0.270%
78	17.262	2575	2580	2586	rBV7	63838	152823	4.27%	0.372%
79	17.339	2588	2593	2600	rVB7	70896	155295	4.34%	0.378%
80	17.574	2630	2633	2647	rVB7	35795	90476	2.53%	0.220%
81	17.698	2647	2654	2664	rBV3	91526	280825	7.85%	0.683%
82	18.027	2703	2710	2726	rVB10	67746	253256	7.08%	0.616%
83	18.239	2740	2746	2753	rVB10	47024	111029	3.10%	0.270%

Sum of corrected areas: 41091861

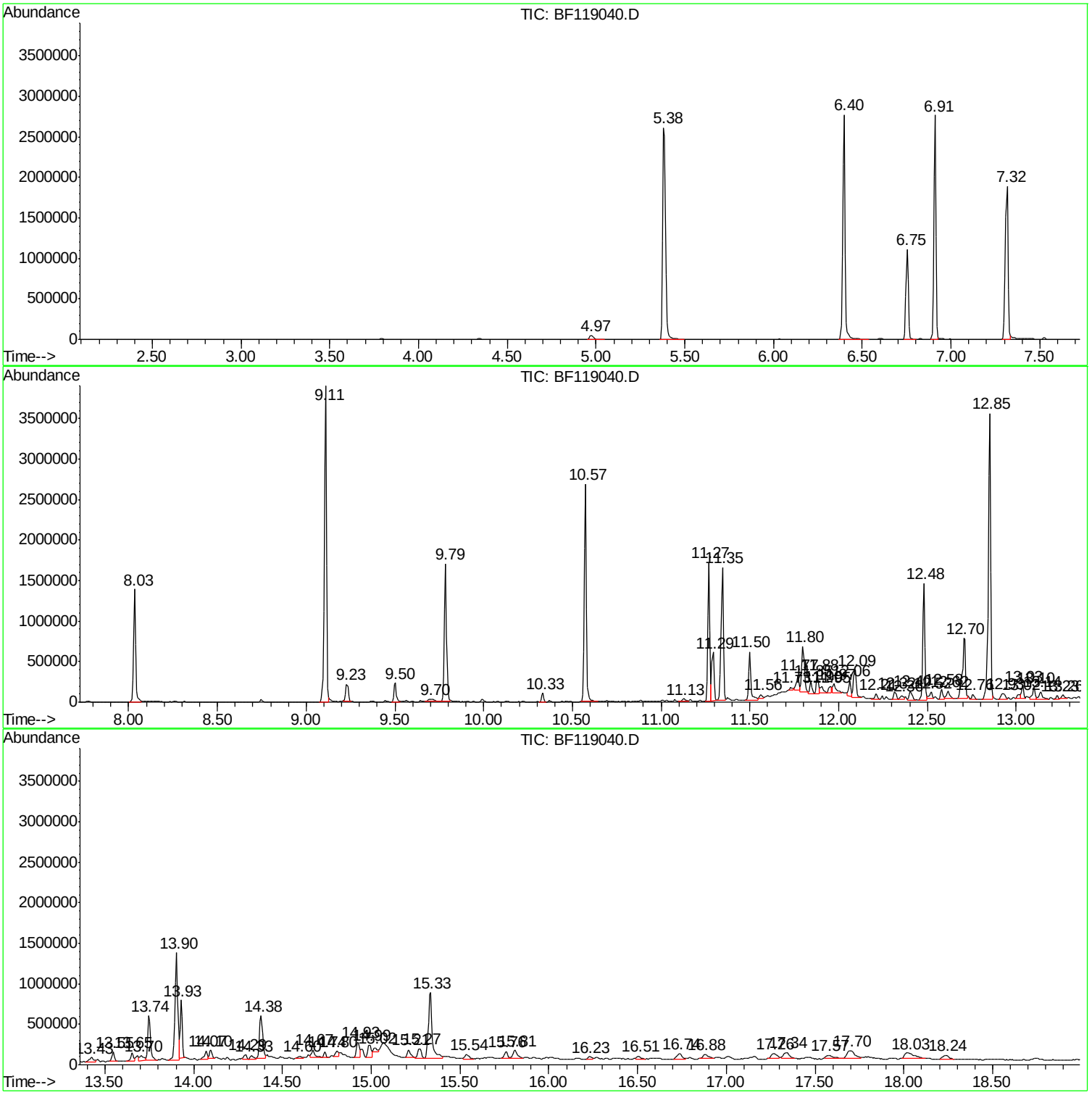
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

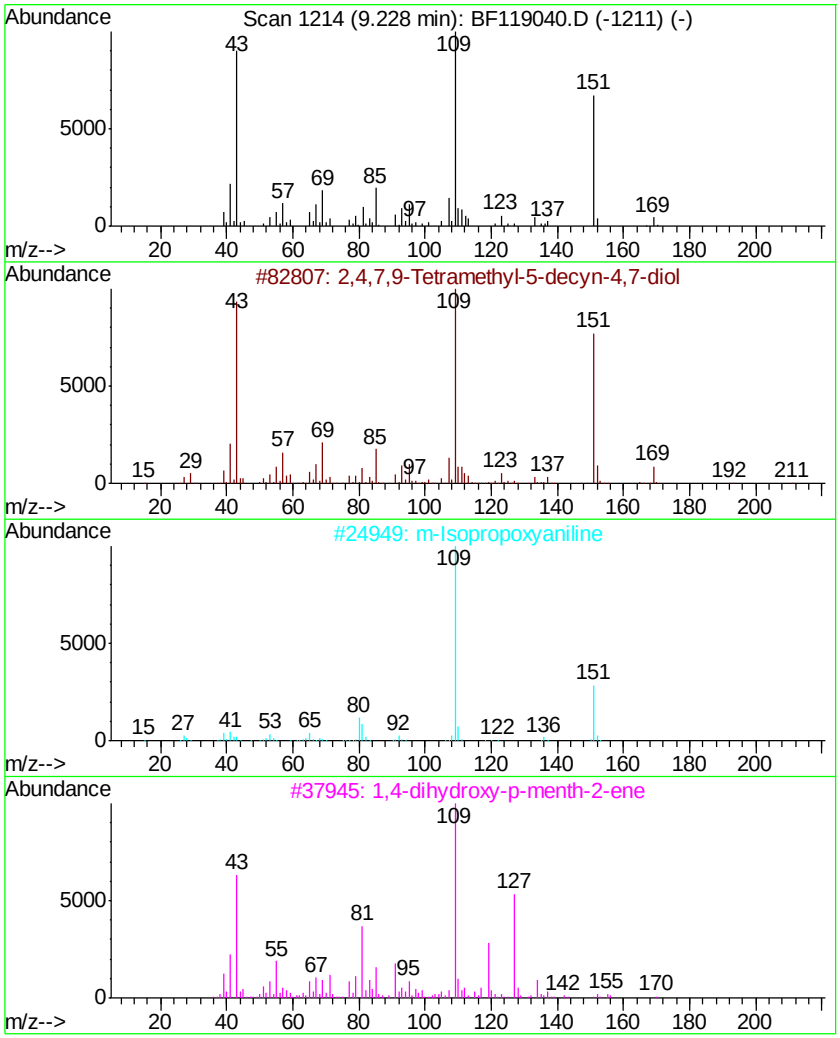
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

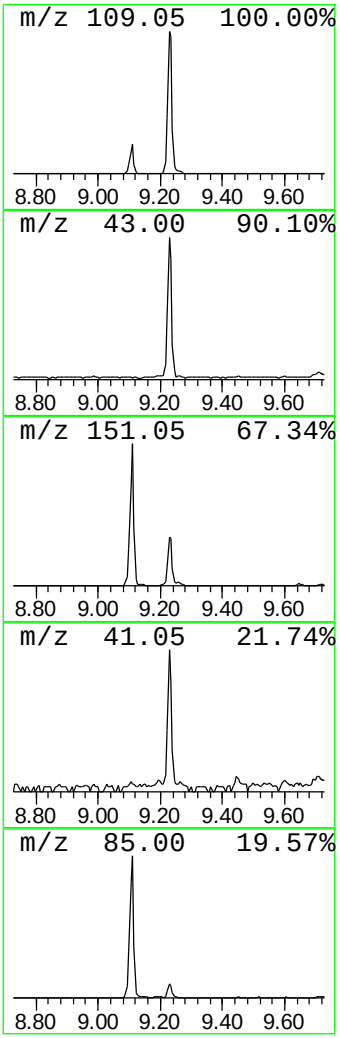
****

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.72 ng	199411	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50
3	1,4-dihydroxy-p-menth-2-ene	170	C10H18O2	1000374-16-9	47
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	42
5	Acetaminophen	151	C8H9NO2	000103-90-2	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

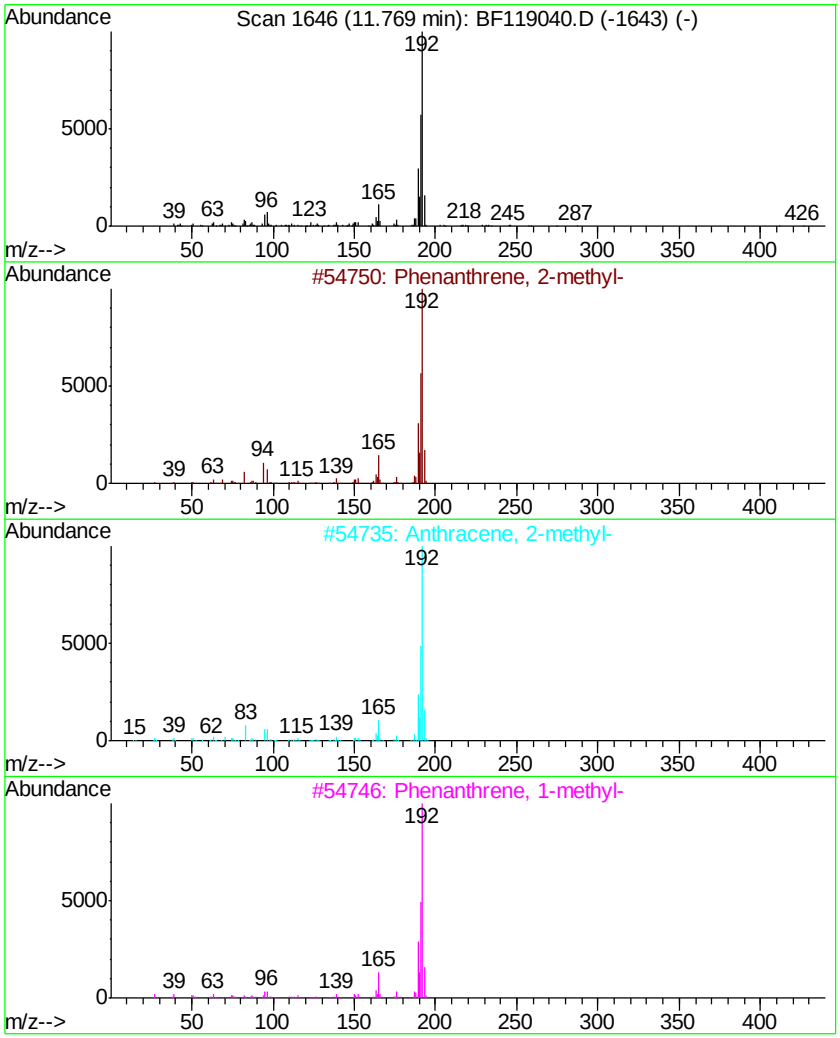
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

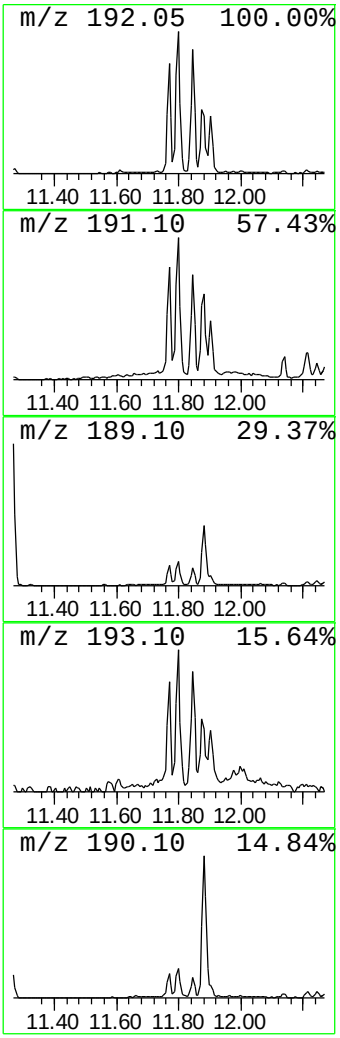
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.49 ng	180874	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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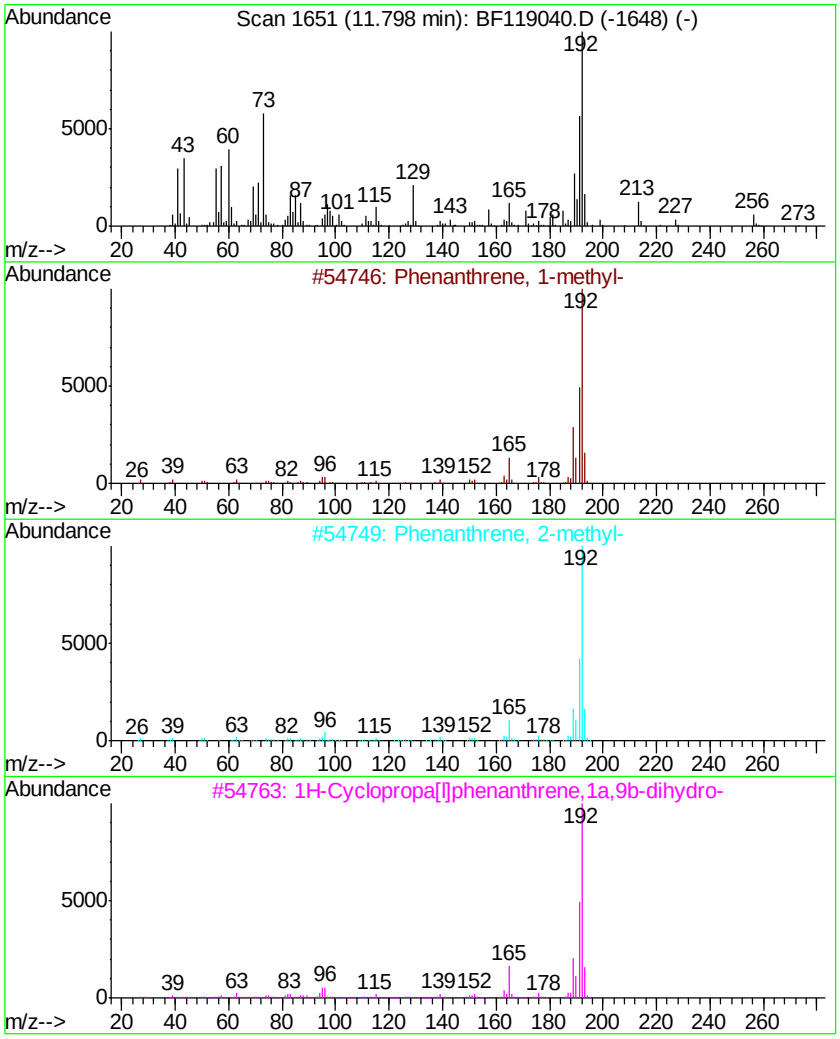
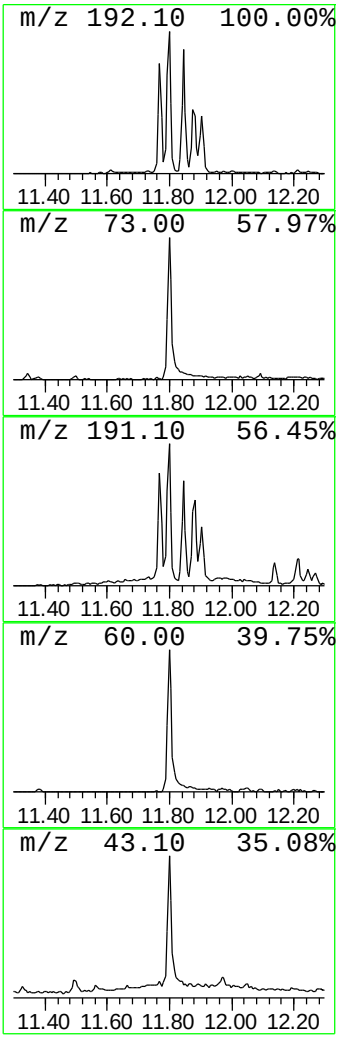
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.41 ng	538371	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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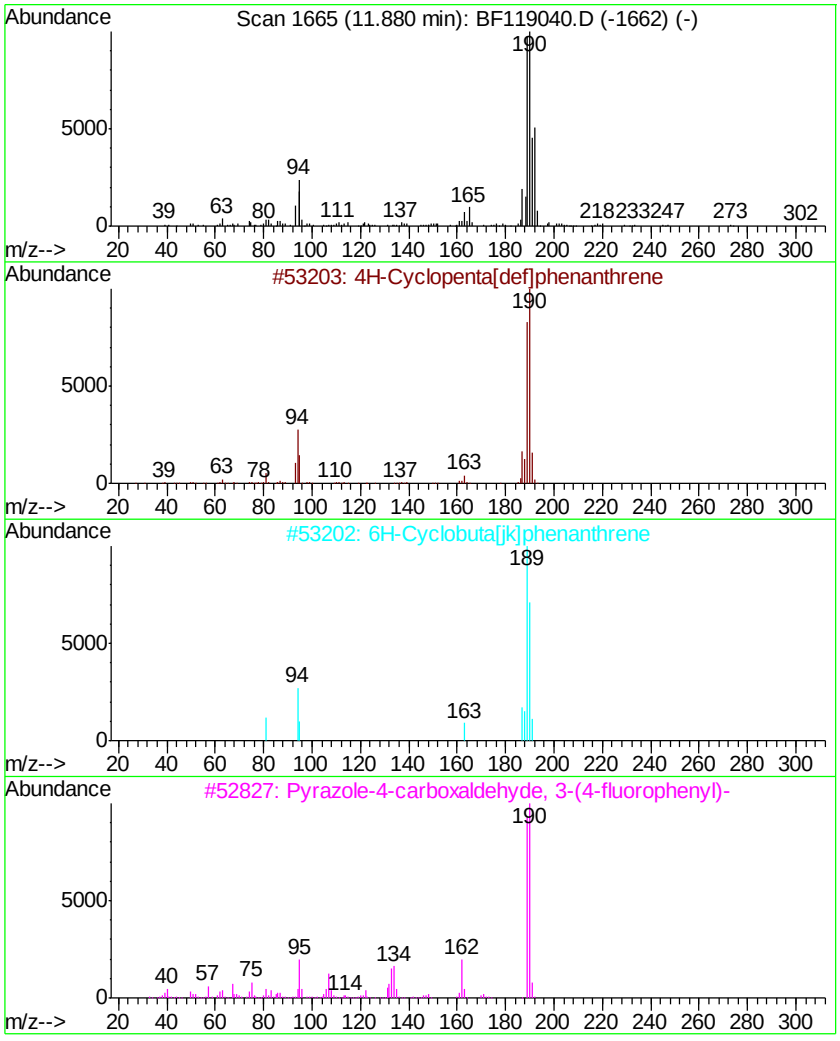
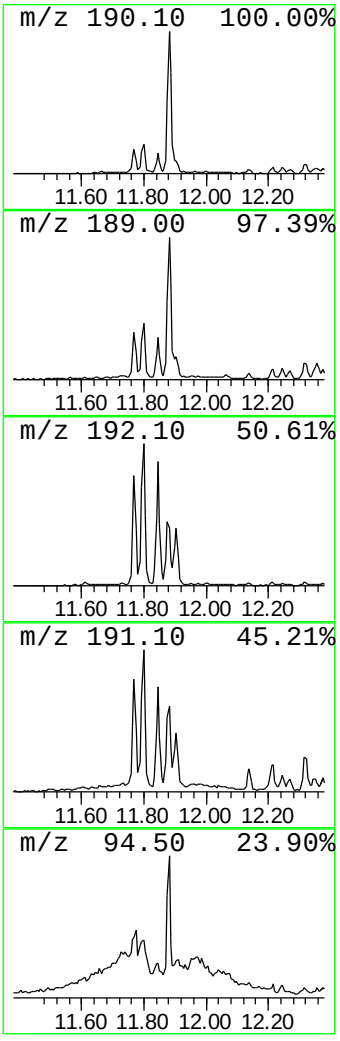
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.31 ng	240170	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

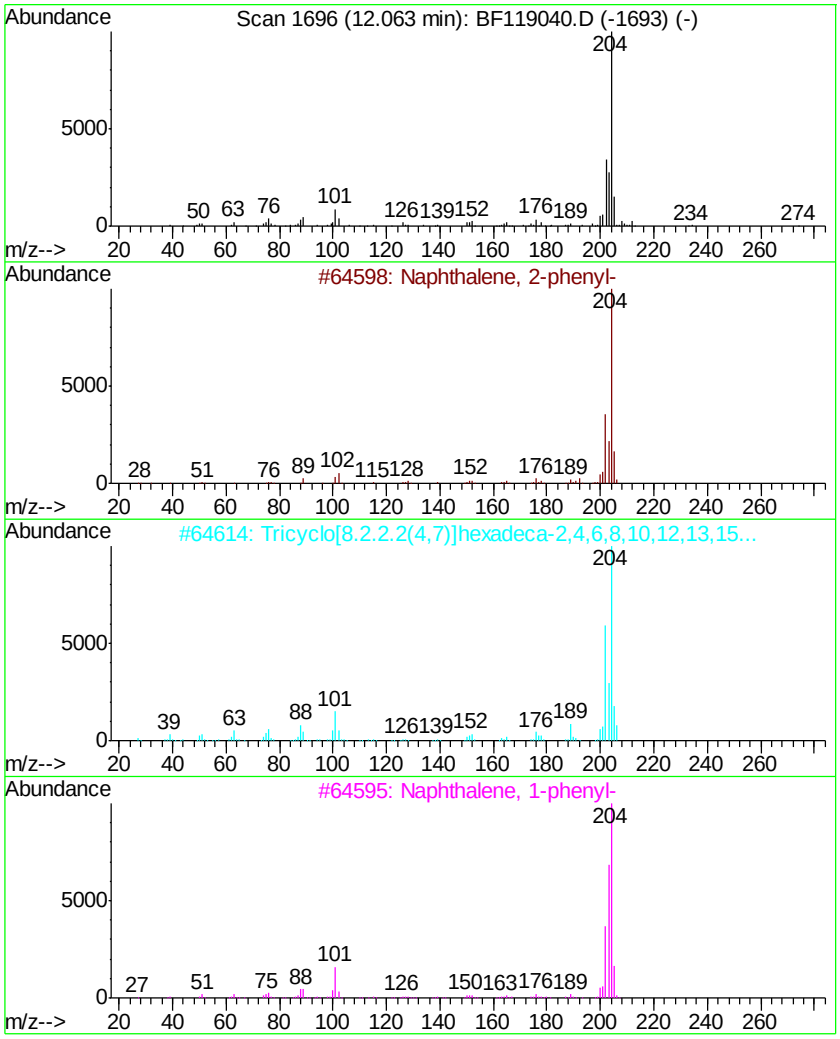
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

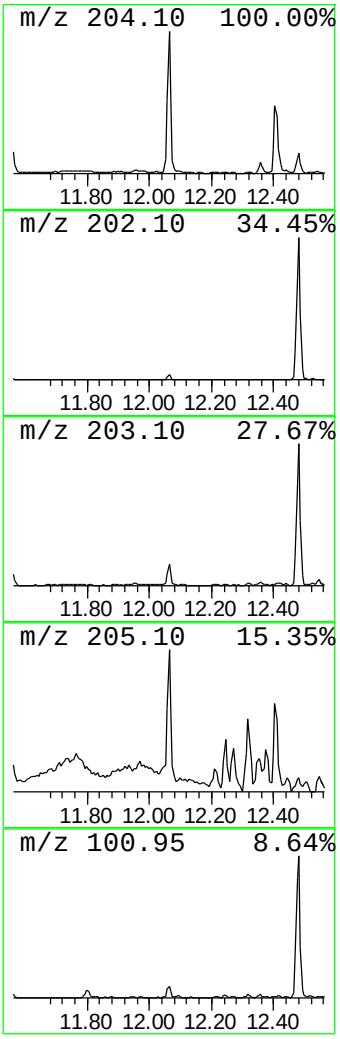
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.44 ng	177380	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
4	Levamisole	204	C11H12N2S	014769-73-4	59
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
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Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

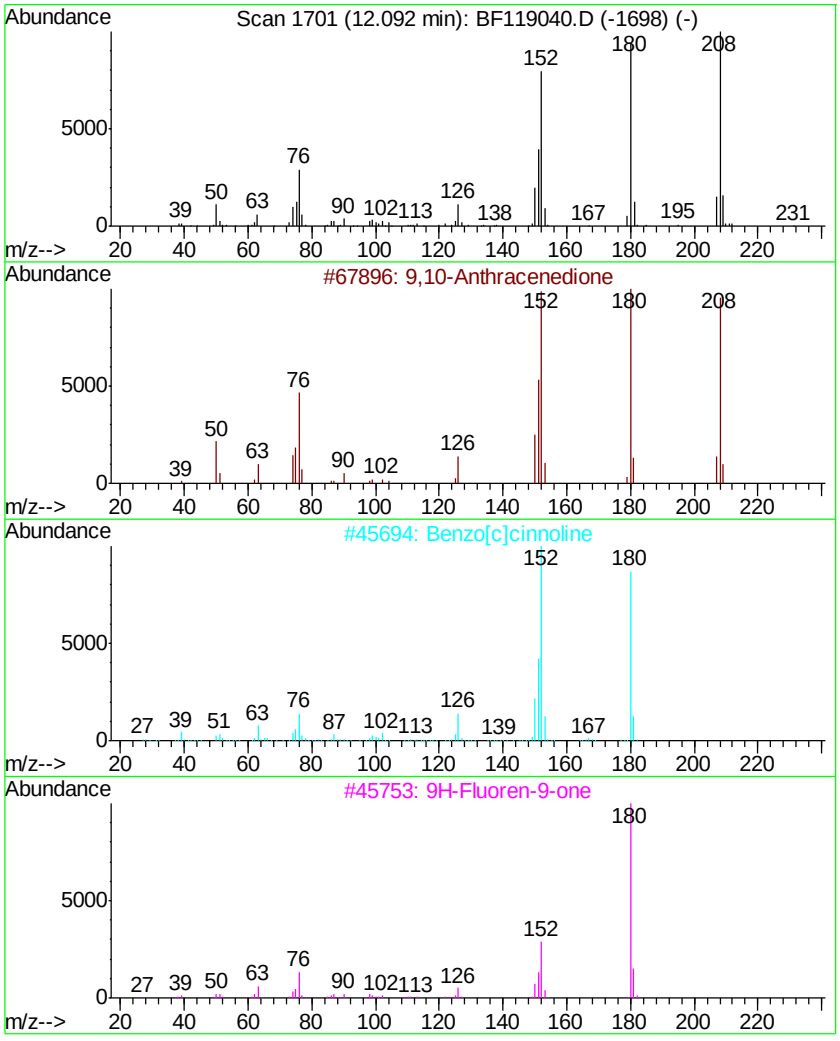
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

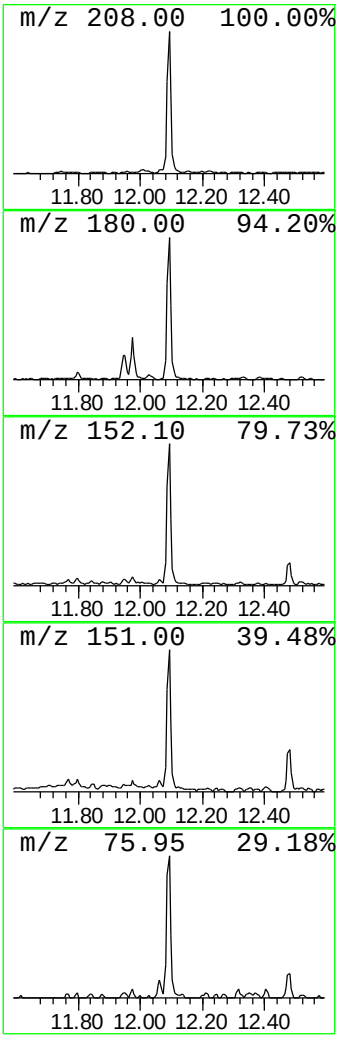
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.43 ng	322086	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Operator : CG/JU
Sample : L1635-07
Misc :
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ClientSampleId : DUNR-TS004-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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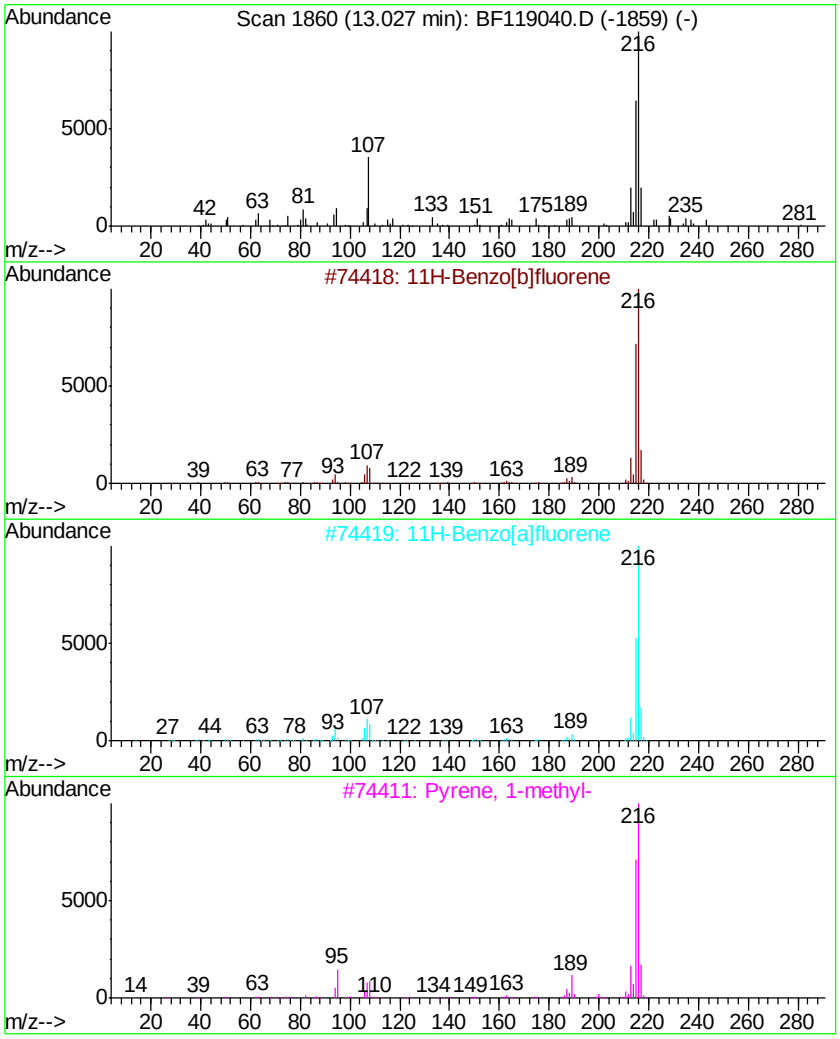
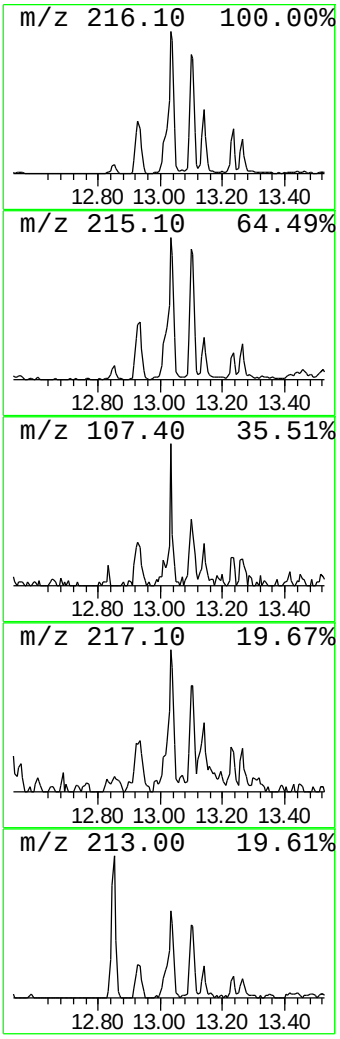
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.05 ng	148500	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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ClientSampleId : DUNR-TS004-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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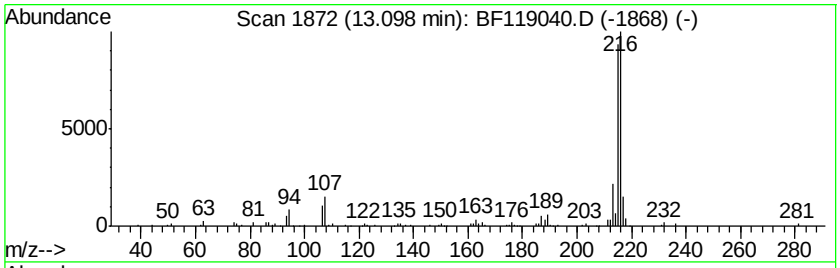
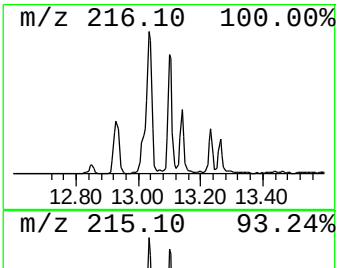
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.25 ng	163193	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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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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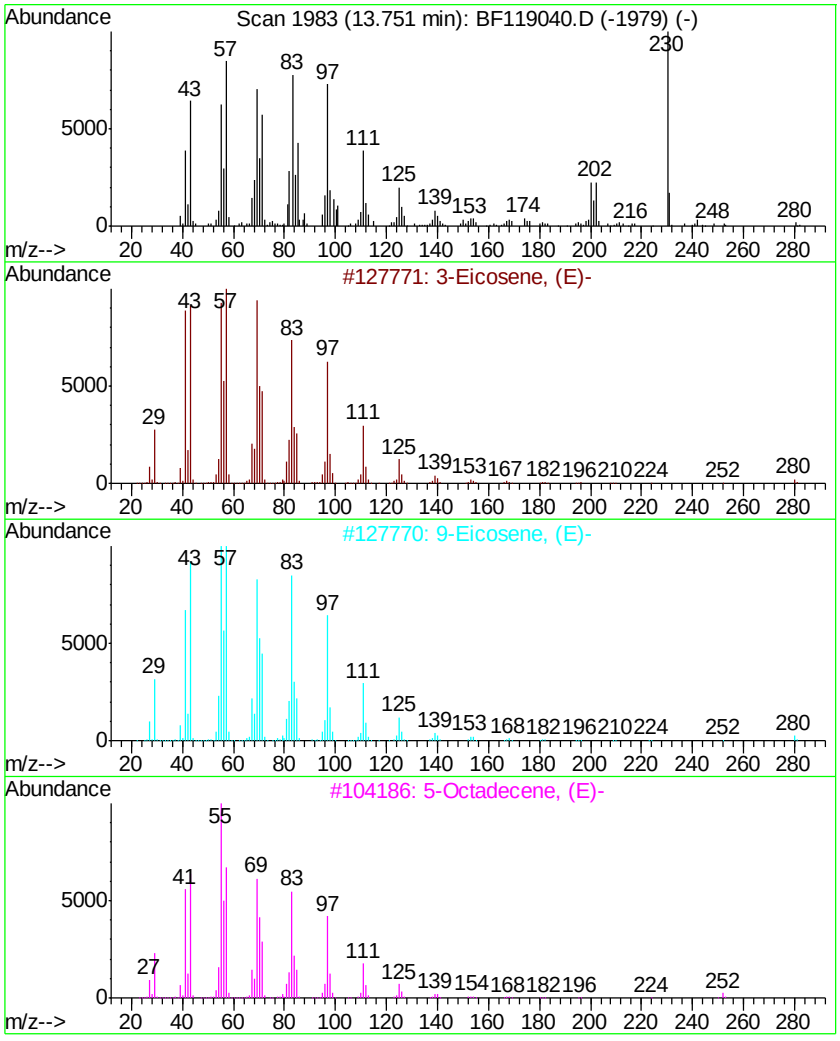
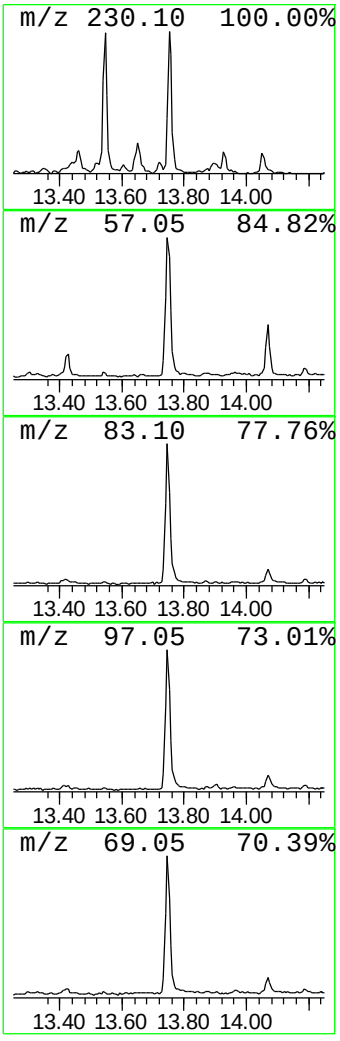
Peak Number 10 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	9.06 ng	656687	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





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Misc :
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TIC Library : C:\DATABASE\NIST11.L
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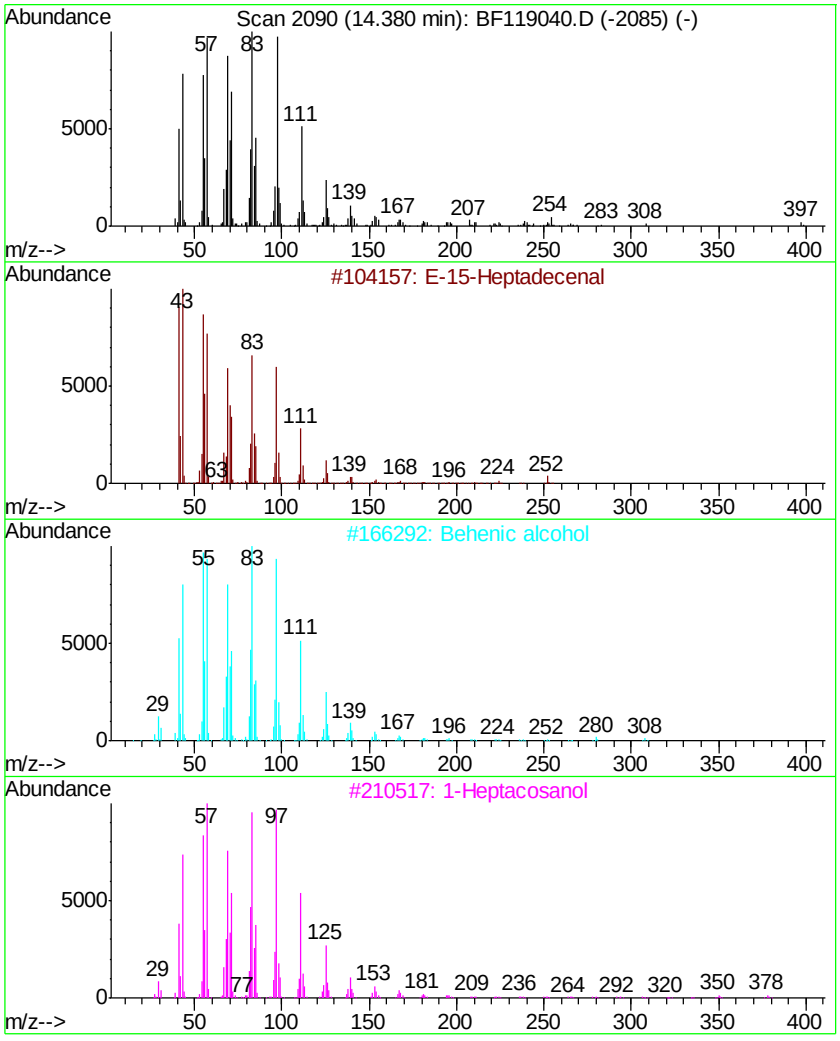
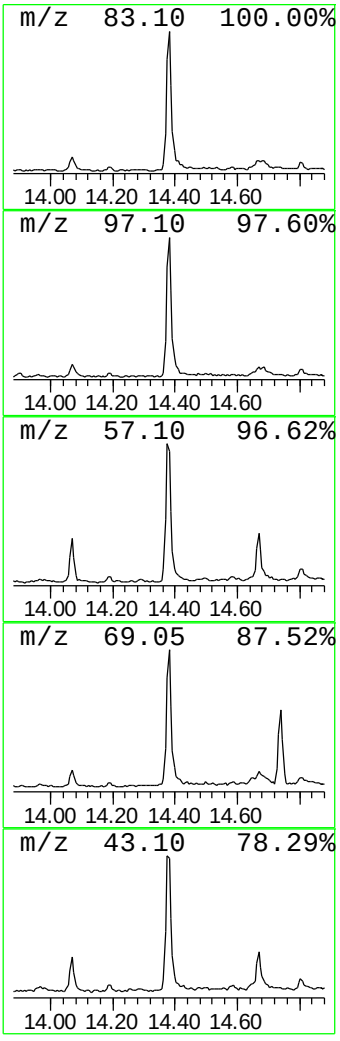
Peak Number 11 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	8.67 ng	628807	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Cyclopentadecane	210	C15H30	000295-48-7	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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

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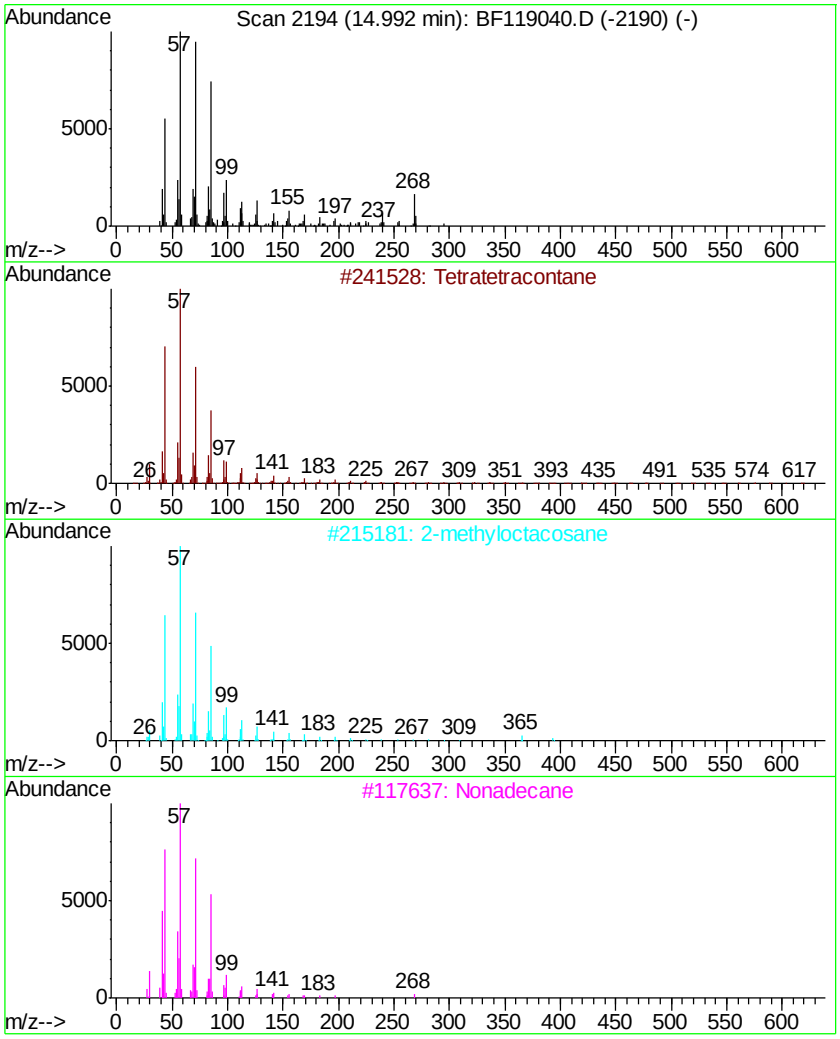
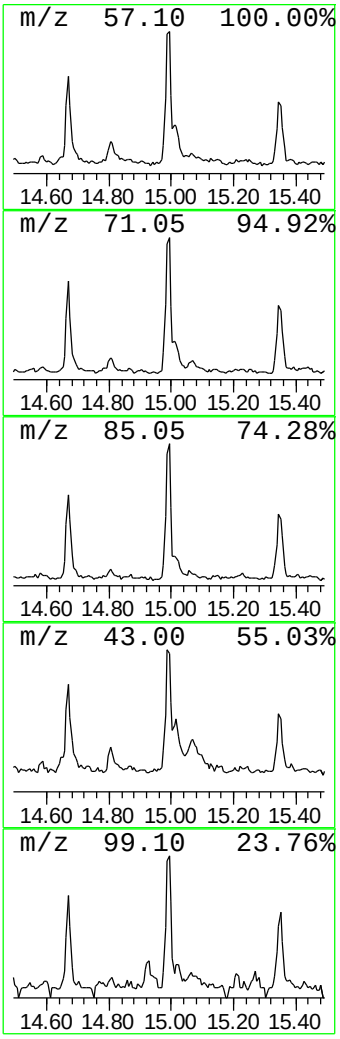
Peak Number 12 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.13 ng	188449	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Hexacosane	366	C26H54	000630-01-3	83





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

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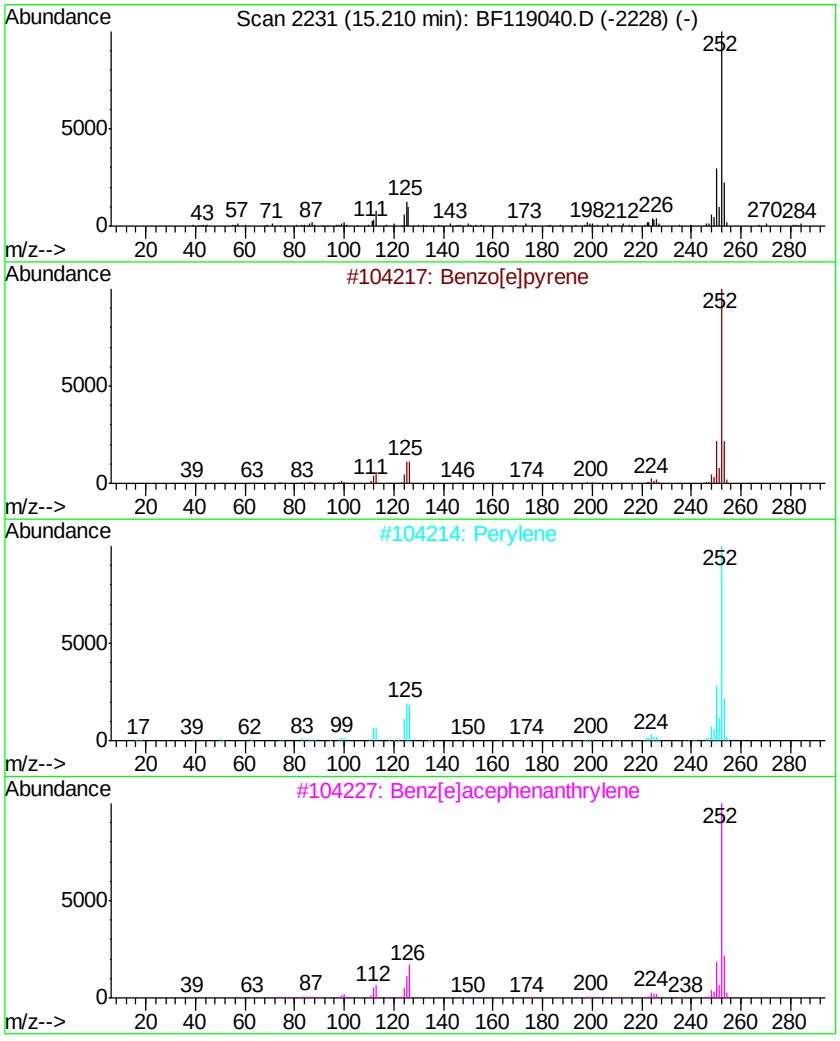
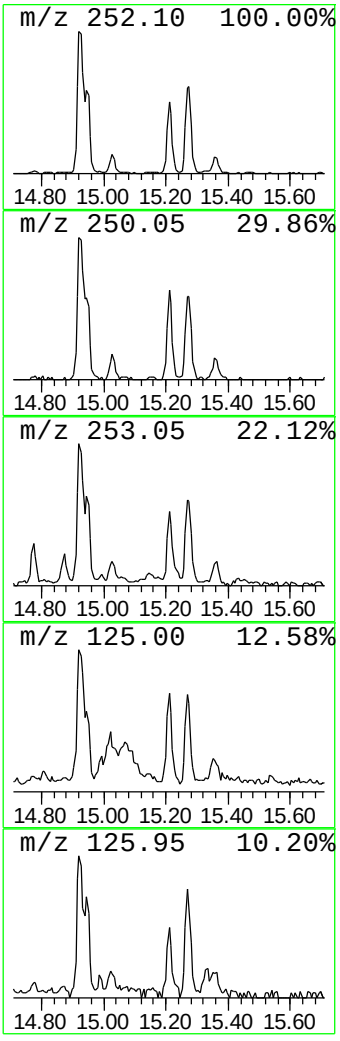
Peak Number 13 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	2.13 ng	128181	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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

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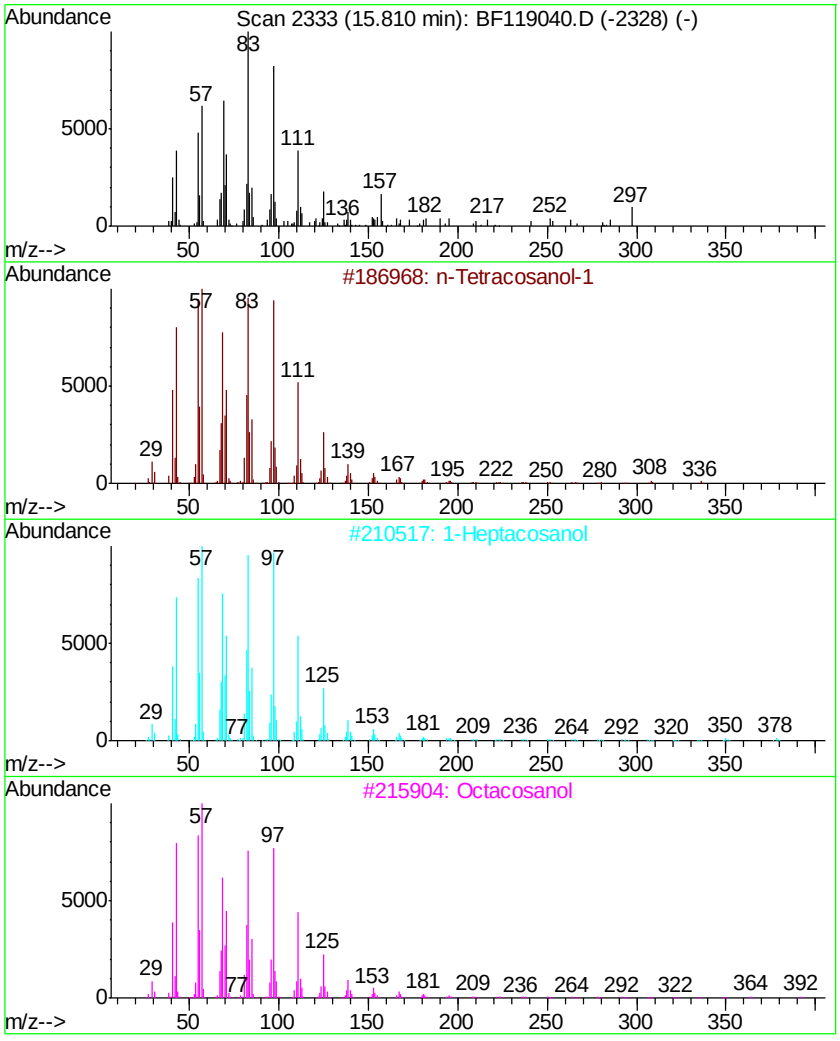
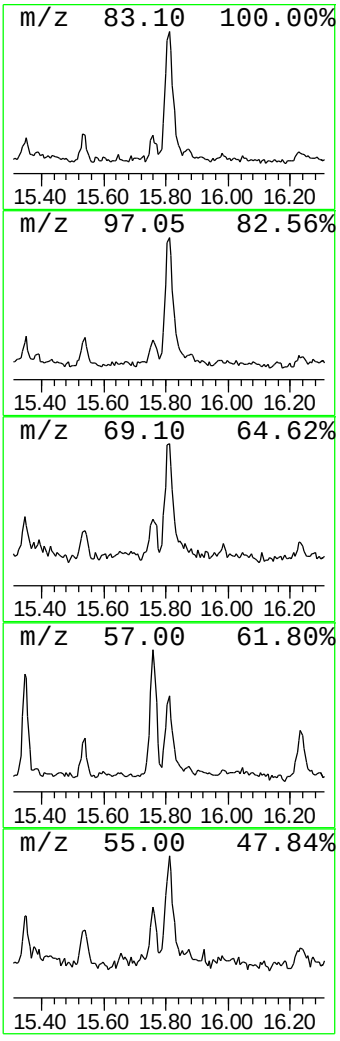
Peak Number 14 n-Tetracosanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.82 ng	169973	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
2	1-Heptacosanol	396	C27H56O	002004-39-9	58
3	Octacosanol	410	C28H58O	000557-61-9	49
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	47
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	43





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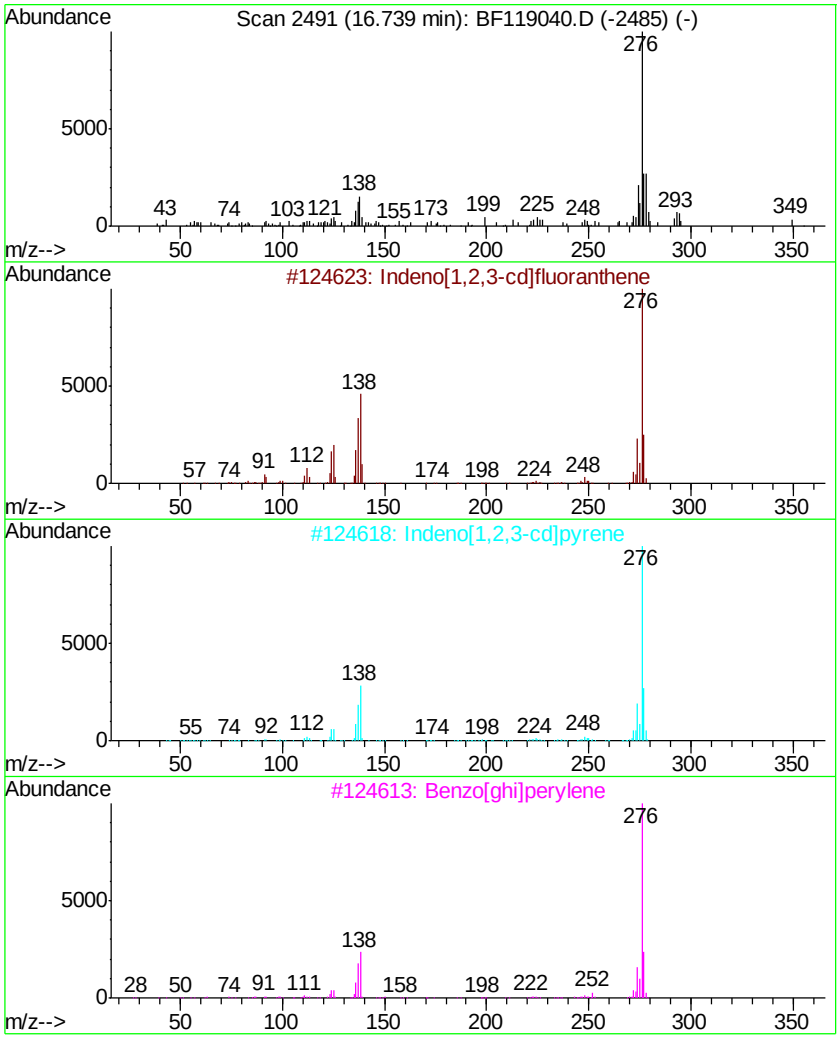
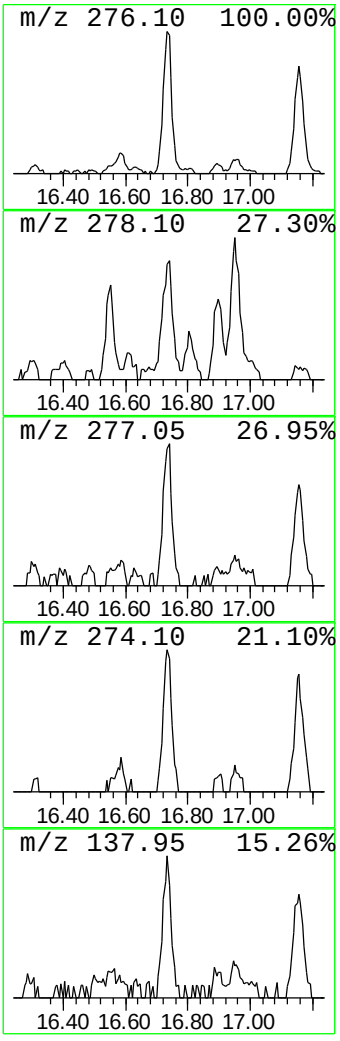
Peak Number 15 Indeno[1,2,3-cd]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.28 ng	137449	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	92
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	83
5	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	50





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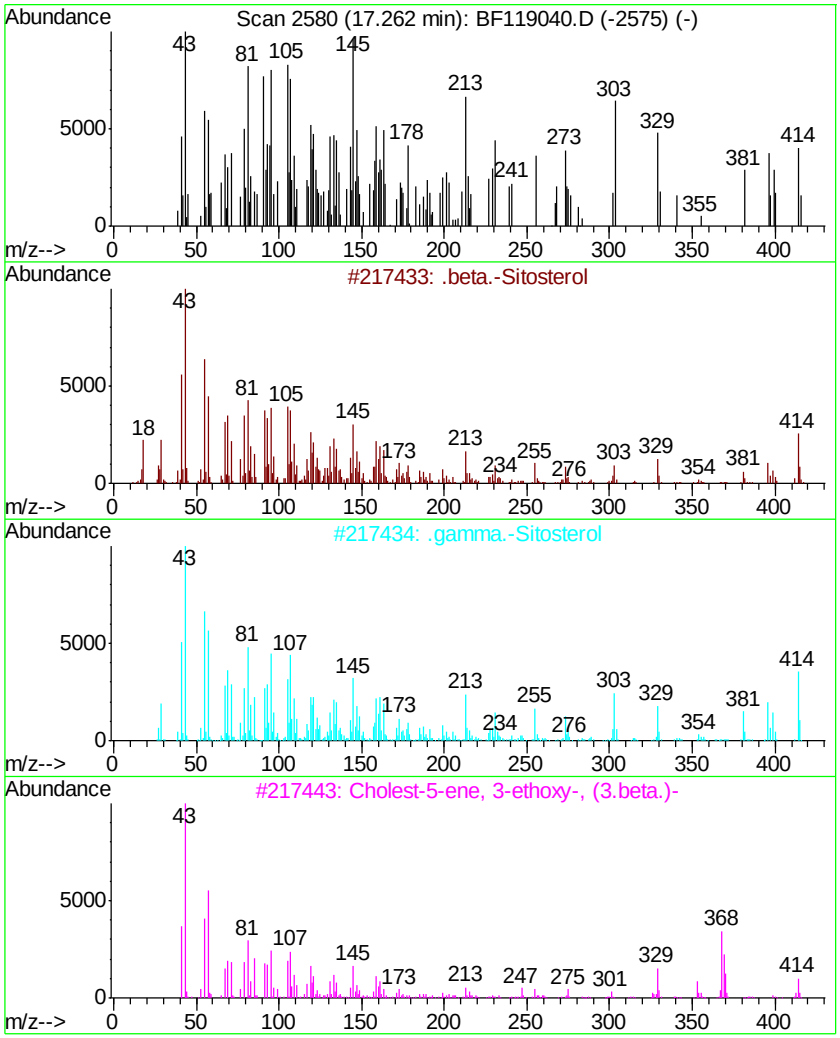
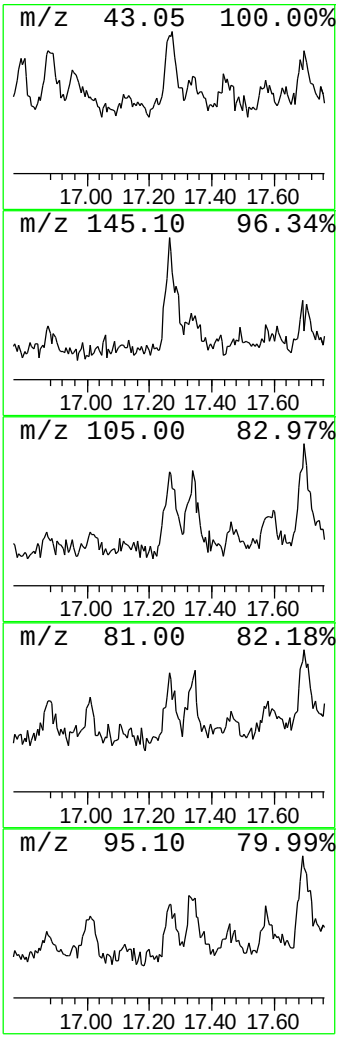
Peak Number 16 .beta.-Sitosterol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	2.54 ng	152823	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	91
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	90
5	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	46





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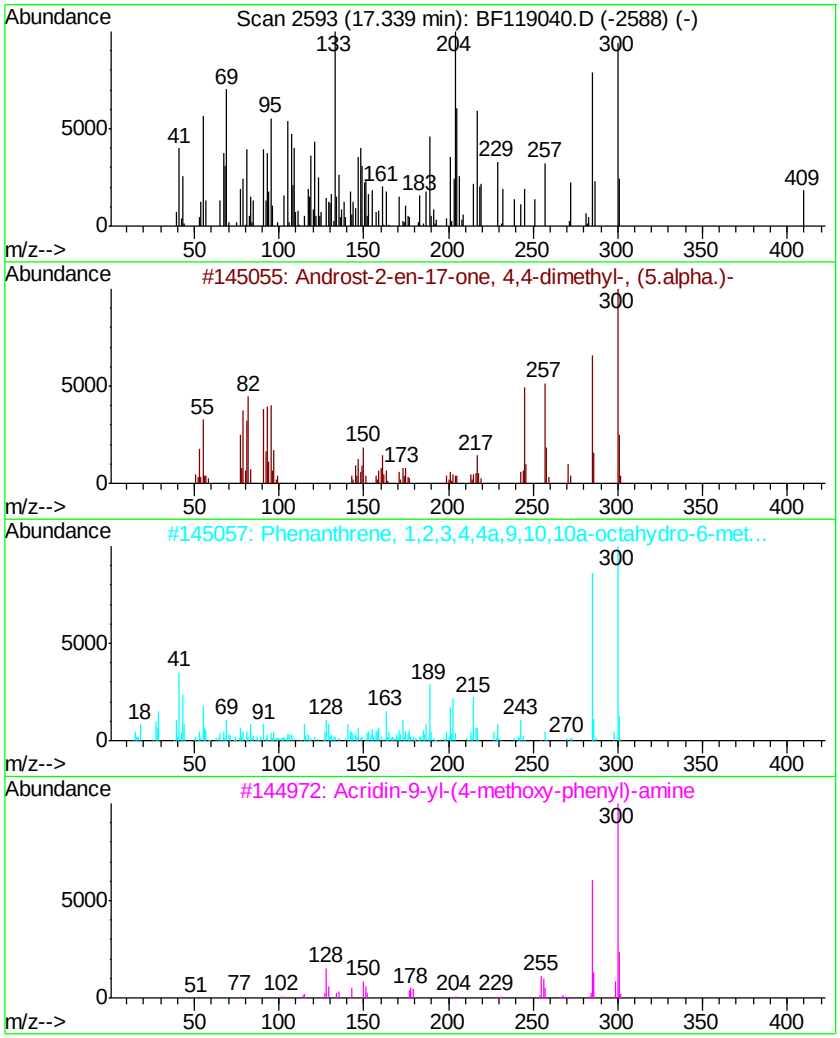
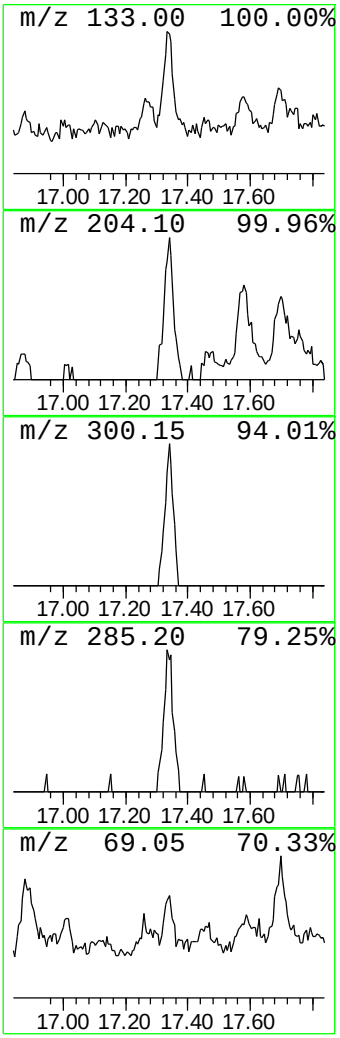
Peak Number 17 unknown17.34 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	2.58 ng	155295	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-2-en-17-one, 4,4-dimethv...	300	C21H32O	053286-38-7	41
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	38
3	Acridin-9-yl-(4-methoxy-phenyl)-...	300	C20H16N2O	1000317-35-5	30
4	7-Hydroxy-3-(1H-imidazol-4-yl)-4...	300	C15H16N2O3Si	1000331-93-3	30
5	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	25





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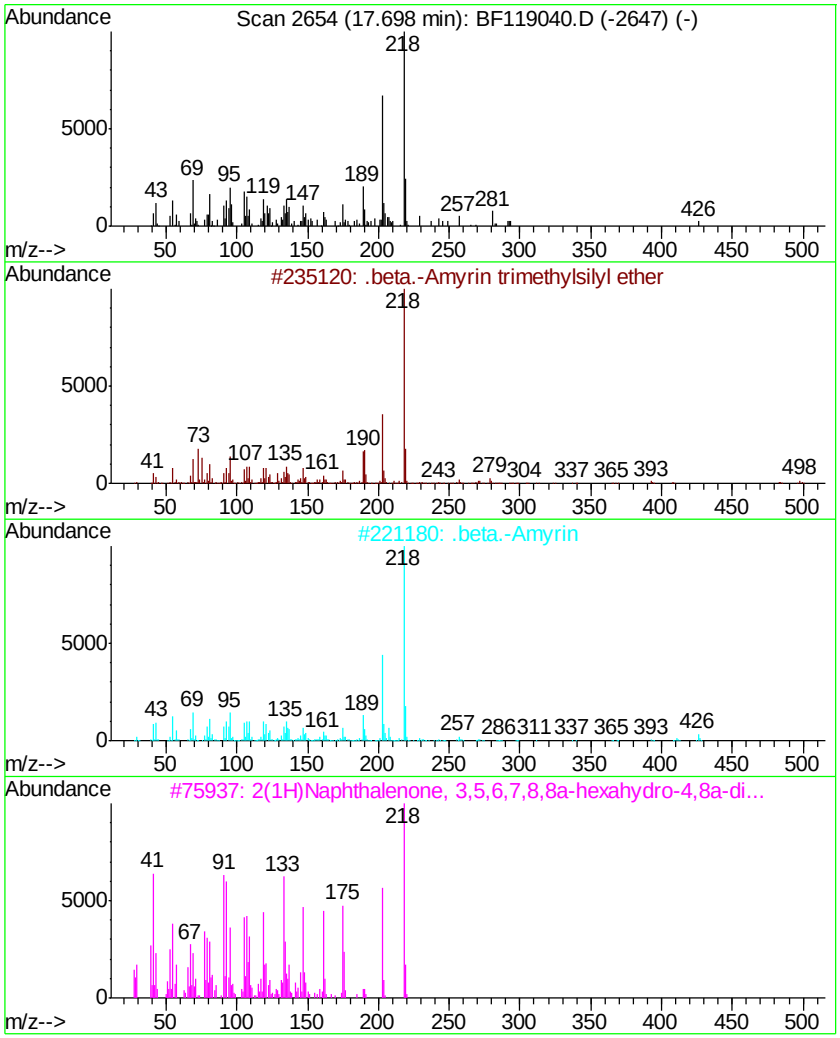
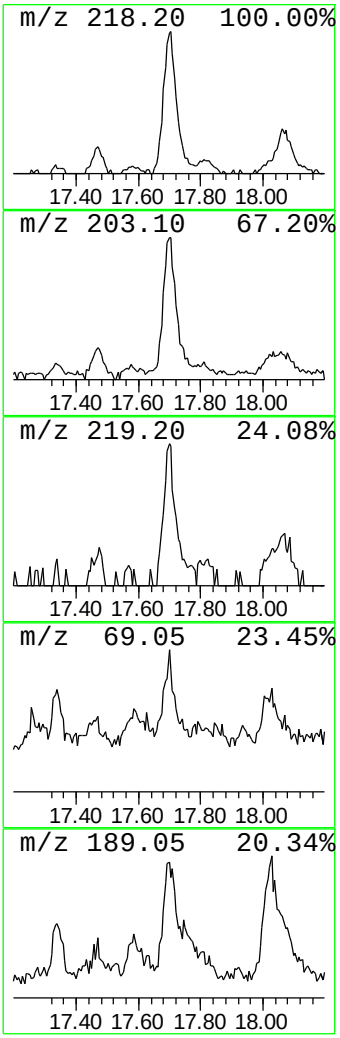
Peak Number 18 .beta.-Amyrin trimethylsily... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.67 ng	280825	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	80
2	.beta.-Amyrin	426	C30H50O	000559-70-6	70
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	59
4	2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	53
5	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

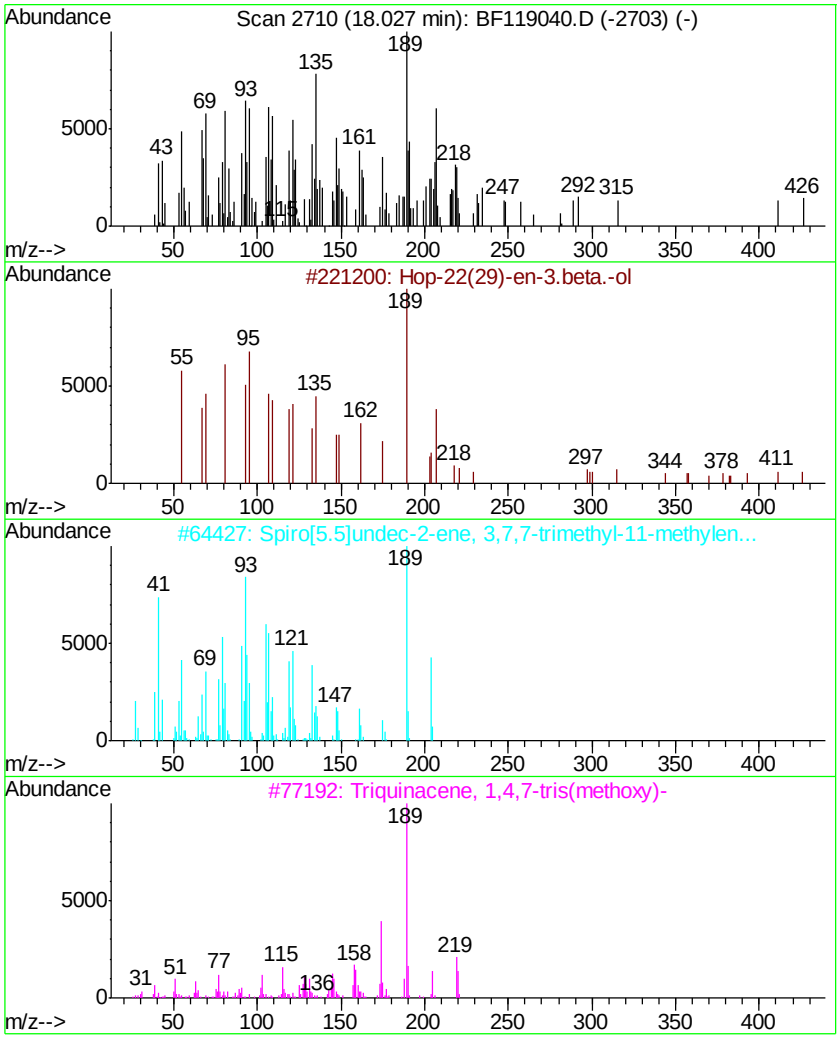
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

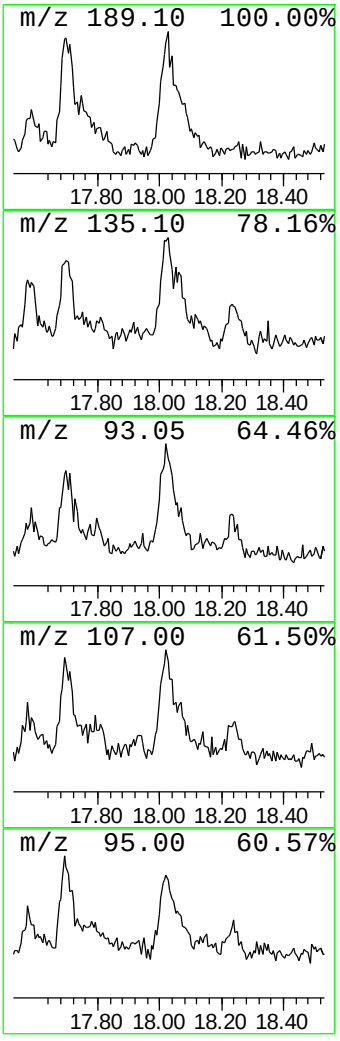
****

Peak Number 19 unknown18.03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.21 ng	253256	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	30
2	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	25
3	Triquinacene, 1,4,7-tris(methoxy)-	220	C13H16O3	060958-97-6	25
4	Pyrido[2,3-d]pyrimidin-5(8H)-one...	189	C10H11N3O	161465-97-0	22
5	3-Trifluoromethoxyacetophenone	204	C9H7F3O2	1000342-44-1	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022420\
Data File : BF119040.D
Acq On : 25 Feb 2020 00:26
Operator : CG/JU
Sample : L1635-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
2,4,7,9-Tetrameth...	9.23	2.7	ng	199411	3	9.79	1463690	20.0
Phenanthrene, 2-m...	11.77	2.5	ng	180874	4	11.27	1453270	20.0
Phenanthrene, 1-m...	11.80	7.4	ng	538371	4	11.27	1453270	20.0
4H-Cyclopenta[def...	11.88	3.3	ng	240170	4	11.27	1453270	20.0
Naphthalene, 2-ph...	12.06	2.4	ng	177380	4	11.27	1453270	20.0
9,10-Anthracenedione	12.09	4.4	ng	322086	4	11.27	1453270	20.0
11H-Benzo[b]fluorene	13.03	2.0	ng	148500	5	13.90	1450240	20.0
Fluoranthene, 2-m...	13.10	2.3	ng	163193	5	13.90	1450240	20.0
3-Eicosene, (E)-	13.75	9.1	ng	656687	5	13.90	1450240	20.0
E-15-Heptadecenal	14.38	8.7	ng	628807	5	13.90	1450240	20.0
Tetratetracontane	14.99	3.1	ng	188449	6	15.33	1203880	20.0
Benzo[e]pyrene	15.21	2.1	ng	128181	6	15.33	1203880	20.0
n-Tetracosanol-1	15.81	2.8	ng	169973	6	15.33	1203880	20.0
Indeno[1,2,3-cd]f...	16.74	2.3	ng	137449	6	15.33	1203880	20.0
.beta.-Sitosterol	17.26	2.5	ng	152823	6	15.33	1203880	20.0
unknown17.34	17.34	2.6	ng	155295	6	15.33	1203880	20.0
.beta.-Amyrin tri...	17.70	4.7	ng	280825	6	15.33	1203880	20.0
unknown18.03	18.03	4.2	ng	253256	6	15.33	1203880	20.0