LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103479.D
Acq On : 7 Mar 2018 1:54
Operator : SJ/JU
Sample : J1810-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHA-WCS

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	20	rVB	193504	261522	8.70%	0.699%
2	5.104	510	513	522	rBV	42268	69452	2.31%	0.186%
3	5.498	576	580	607	rBV	1970958	3002657	99.87%	8.027%
4	6.510	748	752	771	rVV	2111891	2971450	98.83%	7.943%
5	6.640	771	774	790	rVB	2578320	3006611	100.00%	8.037%
6	6.869	810	813	829	rVB	735488	812939	27.04%	2.173%
7	7.022	836	839	855	rBV	2020787	2234438	74.32%	5.973%
8	7.434	906	909	926	rBV	1416547	2043729	67.97%	5.463%
9	8.151	1028	1031	1052	rBV	715328	1098590	36.54%	2.937%
10	8.875	1151	1154	1159	rBV	27490	37556	1.25%	0.100%
11	8.969	1167	1170	1175	rBV	31562	39536	1.31%	0.106%
12	9.228	1210	1214	1223	rBV	2398252	2584127	85.95%	6.908%
13	9.292	1223	1225	1229	rVB	102331	86472	2.88%	0.231%
14	9.569	1269	1272	1275	rVB	37306	32977	1.10%	0.088%
15	9.622	1275	1281	1287	rVB2	215165	294623	9.80%	0.788%
16	9.775	1303	1307	1311	rBV	64850	81593	2.71%	0.218%
17	9.822	1312	1315	1319	rVB	180169	138998	4.62%	0.372%
18	9.910	1326	1330	1334	rBV	1016101	942588	31.35%	2.520%
19	9.945	1334	1336	1343	rVB	142587	156501	5.21%	0.418%
20	10.057	1351	1355	1358	rBV3	26181	44762	1.49%	0.120%
21	10.122	1361	1366	1368	rVV2	56394	81332	2.71%	0.217%
22	10.145	1368	1370	1374	rVB4	47944	62517	2.08%	0.167%
23	10.228	1380	1384	1387	rBV3	33163	45020	1.50%	0.120%
24	10.257	1387	1389	1393	rVB2	25284	31354	1.04%	0.084%
25	10.298	1393	1396	1397	rBV	40264	36024	1.20%	0.096%
26	10.322	1397	1400	1404	rVB	202381	163609	5.44%	0.437%
27	10.463	1417	1424	1430	rBV2	117391	162034	5.39%	0.433%
28	10.539	1432	1437	1440	rBV3	84267	109803	3.65%	0.294%
29	10.622	1448	1451	1456	rVB2	44437	49613	1.65%	0.133%
30	10.710	1461	1466	1478	rVV	1085411	1381541	45.95%	3.693%
31	10.798	1478	1481	1491	rVB	186684	282196	9.39%	0.754%
32	10.986	1511	1513	1515	rBV2	29227	33208	1.10%	0.089%
33	11.010	1515	1517	1520	rVB2	35499	40162	1.34%	0.107%
34	11.080	1527	1529	1533	rVB4	26415	37529	1.25%	0.100%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103479.D
Acq On : 7 Mar 2018 1:54
Operator : SJ/JU
Sample : J1810-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHA-WCS

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.122	1533	1536	1537	rBV3	39647	32435	1.08%	0.087%
36	11.163	1541	1543	1548	rVV5	33700	44104	1.47%	0.118%
37	11.216	1549	1552	1554	rVV2	37227	38925	1.29%	0.104%
38	11.245	1554	1557	1559	rVV2	163510	145865	4.85%	0.390%
39	11.275	1559	1562	1564	rVV2	78213	91534	3.04%	0.245%
40	11.304	1564	1567	1570	rVB	65264	60068	2.00%	0.161%
41	11.404	1580	1584	1586	rBV	781695	775343	25.79%	2.073%
42	11.427	1586	1588	1595	rVV	1122746	1197921	39.84%	3.202%
43	11.486	1595	1598	1602	rVV	273890	320505	10.66%	0.857%
44	11.522	1602	1604	1608	rVV2	48018	61210	2.04%	0.164%
45	11.645	1619	1625	1627	rBV2	114338	146964	4.89%	0.393%
46	11.675	1627	1630	1632	rVB	83438	76630	2.55%	0.205%
47	11.816	1651	1654	1660	rBV5	24701	37336	1.24%	0.100%
48	11.910	1667	1670	1672	rBV	227761	240532	8.00%	0.643%
49	11.939	1672	1675	1678	rVV	244216	258649	8.60%	0.691%
50	11.986	1680	1683	1686	rVV	102957	106632	3.55%	0.285%
51	12.022	1686	1689	1691	rVV2	269454	297354	9.89%	0.795%
52	12.045	1691	1693	1697	rVV	125747	128309	4.27%	0.343%
53	12.080	1697	1699	1704	rVB2	79420	64761	2.15%	0.173%
54	12.198	1717	1719	1724	rBV	97738	111825	3.72%	0.299%
55	12.245	1724	1727	1730	rVB2	88176	84118	2.80%	0.225%
56	12.351	1740	1745	1749	rBV4	58855	100065	3.33%	0.267%
57	12.386	1749	1751	1753	rVB	46032	34797	1.16%	0.093%
58	12.457	1760	1763	1767	rBV2	149407	211499	7.03%	0.565%
59	12.557	1775	1780	1787	rVB3	95097	197196	6.56%	0.527%
60	12.627	1788	1792	1796	rBV	1621097	1548490	51.50%	4.139%
61	12.686	1800	1802	1804	rBV3	34354	34025	1.13%	0.091%
62	12.780	1815	1818	1820	rBV3	58626	62669	2.08%	0.168%
63	12.857	1825	1831	1836	rBV	1327623	1653937	55.01%	4.421%
64	12.904	1836	1839	1844	rVB2	108192	127871	4.25%	0.342%
65	12.992	1849	1854	1857	rBV	1564569	1629895	54.21%	4.357%
66	13.080	1864	1869	1873	rBV3	116261	208224	6.93%	0.557%
67	13.186	1880	1887	1892	rBV2	219320	368203	12.25%	0.984%
68	13.251	1896	1898	1901	rVV	107561	85498	2.84%	0.229%
69	13.292	1902	1905	1908	rVV2	120161	107072	3.56%	0.286%
70	13.386	1919	1921	1923	rBV	102607	68996	2.29%	0.184%
71	13.416	1924	1926	1931	rVB2	87283	97427	3.24%	0.260%

LSC Area Percent Report

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Data File : BF103479.D
Acq On : 7 Mar 2018 1:54
Operator : SJ/JU
Sample : J1810-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHA-WCS

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.704	1972	1975	1978	rBV	123897	131050	4.36%	0.350%
73	13.810	1991	1993	1995	rBV	114747	91299	3.04%	0.244%
74	13.833	1995	1997	2000	rVB	107702	98079	3.26%	0.262%
75	13.868	2000	2003	2009	rBV4	408225	594457	19.77%	1.589%
76	14.057	2031	2035	2039	rBV2	737976	1250143	41.58%	3.342%
77	14.092	2039	2041	2044	rVB	519845	441076	14.67%	1.179%
78	14.168	2052	2054	2057	rBV	94349	118057	3.93%	0.316%
79	15.133	2214	2218	2220	rBV	332823	506171	16.84%	1.353%
80	15.445	2268	2271	2275	rBV	198444	254119	8.45%	0.679%
81	15.510	2280	2282	2286	rVV	303110	334983	11.14%	0.895%
82	15.574	2290	2293	2297	rBV	239196	274846	9.14%	0.735%

Sum of corrected areas: 37408227

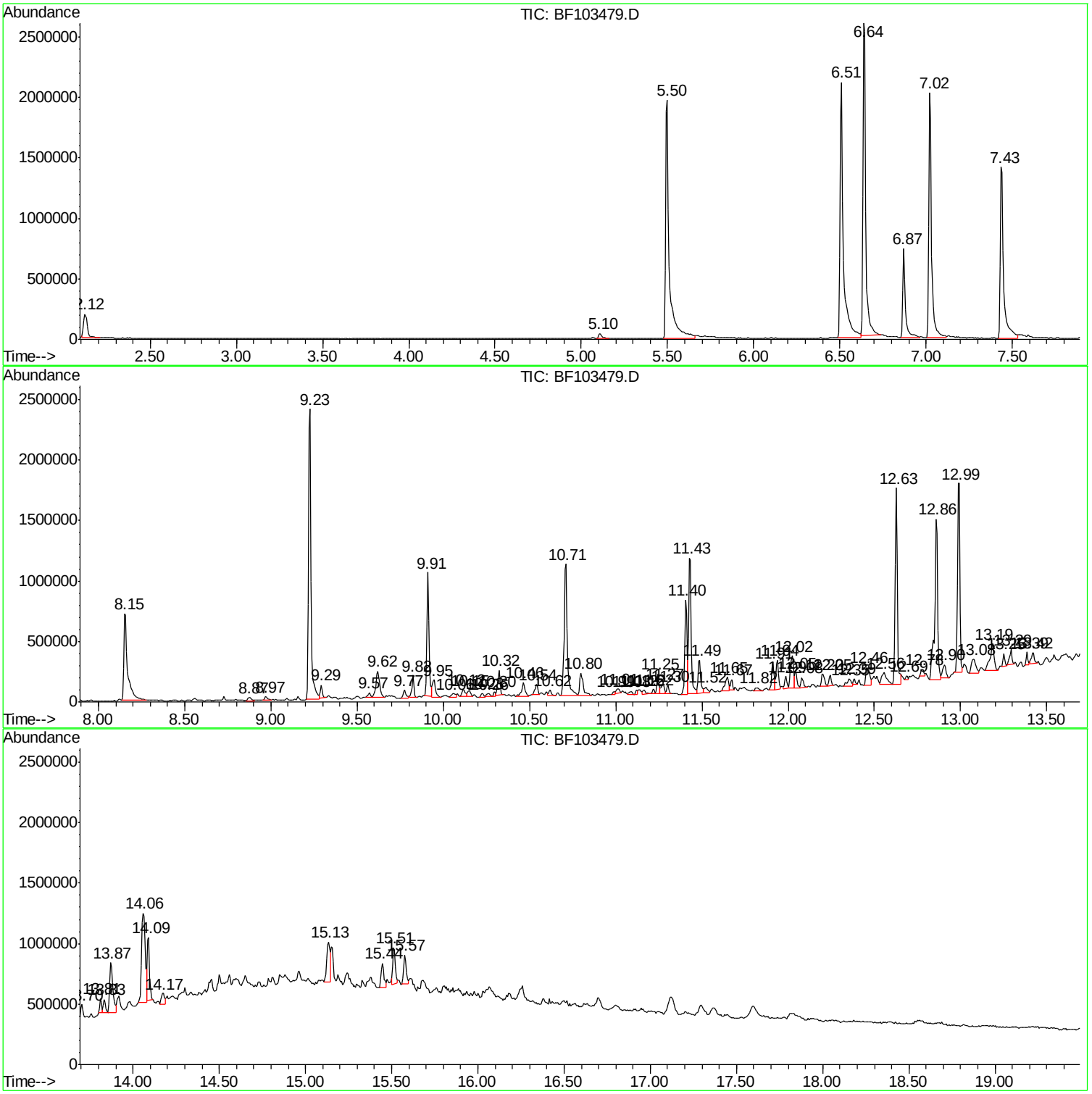
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103479.D
Acq On : 7 Mar 2018 1:54
Operator : SJ/JU
Sample : J1810-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHA-WCS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103479.D
Acq On : 7 Mar 2018 1:54
Operator : SJ/JU
Sample : J1810-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHA-WCS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

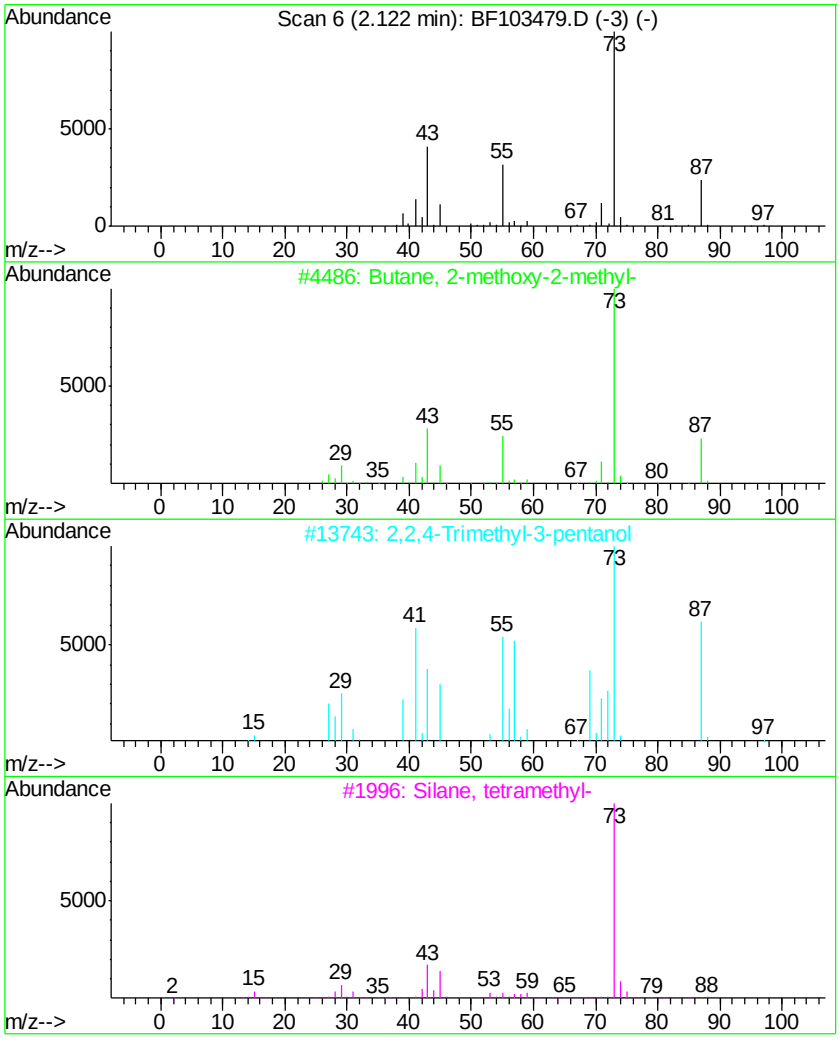
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

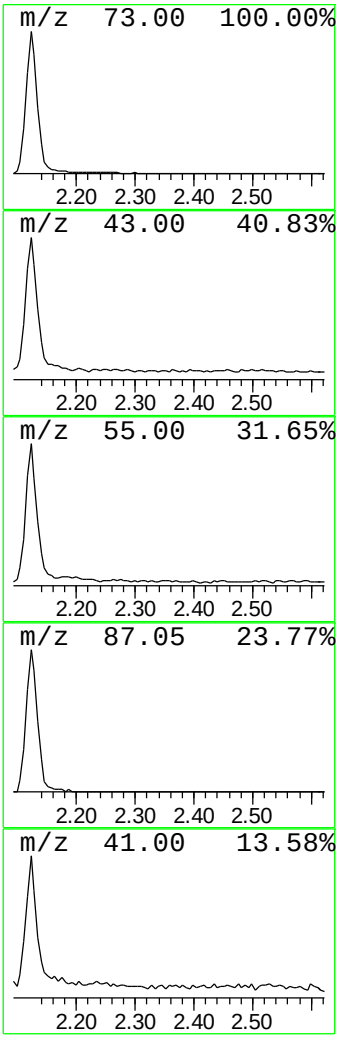
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	6.43 ng	261522	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103479.D
Acq On : 7 Mar 2018 1:54
Operator : SJ/JU
Sample : J1810-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHA-WCS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

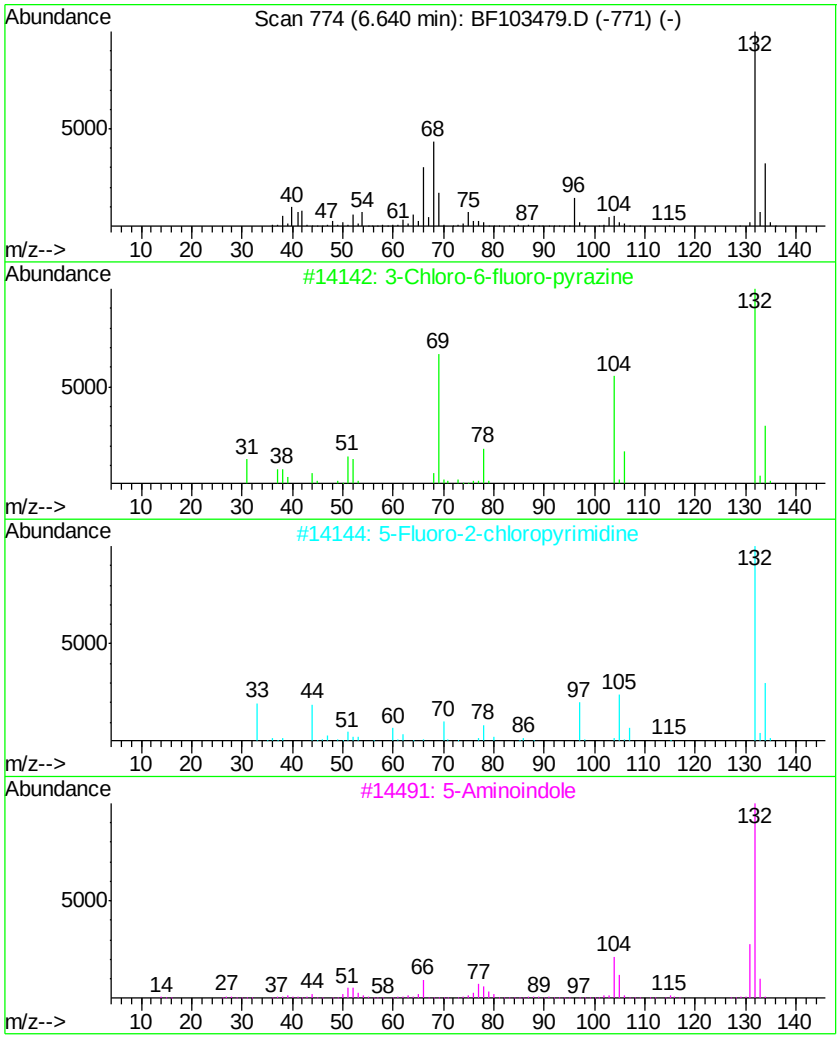
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

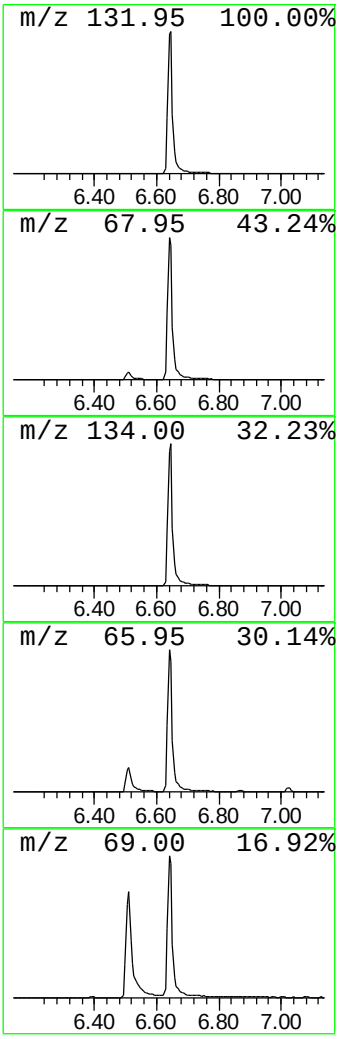
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	73.97 ng	3006610	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : MHA-WCS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

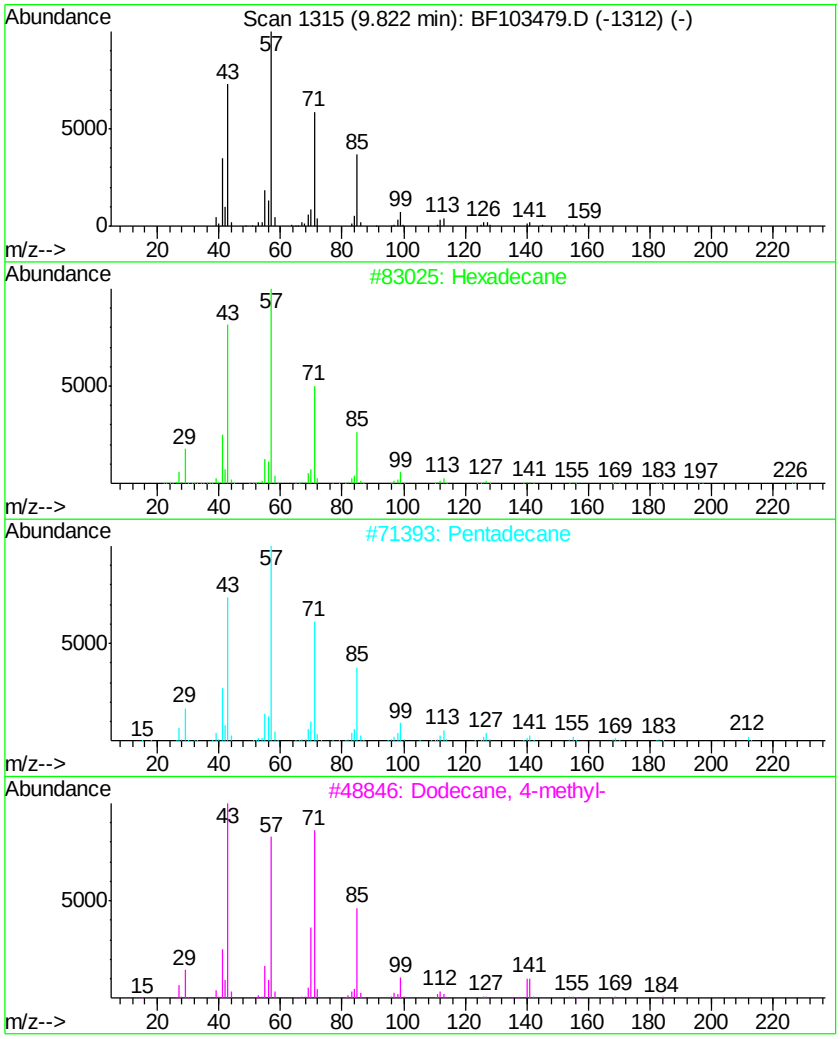
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

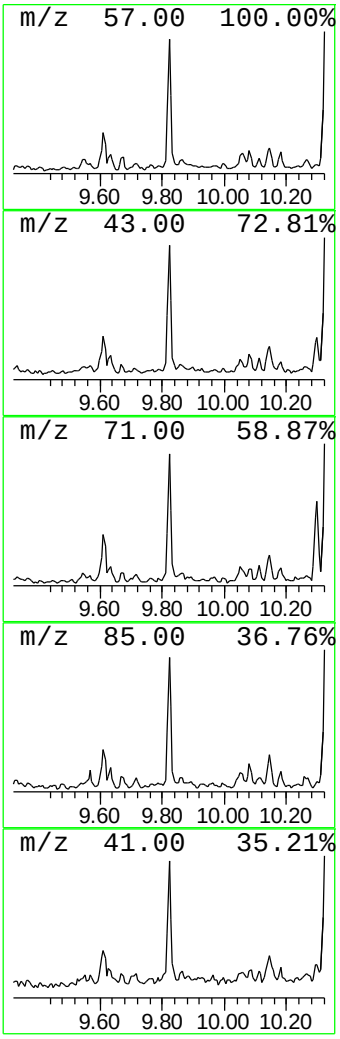
****

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.95 ng	138998	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
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Misc :
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Instrument : BNA_F
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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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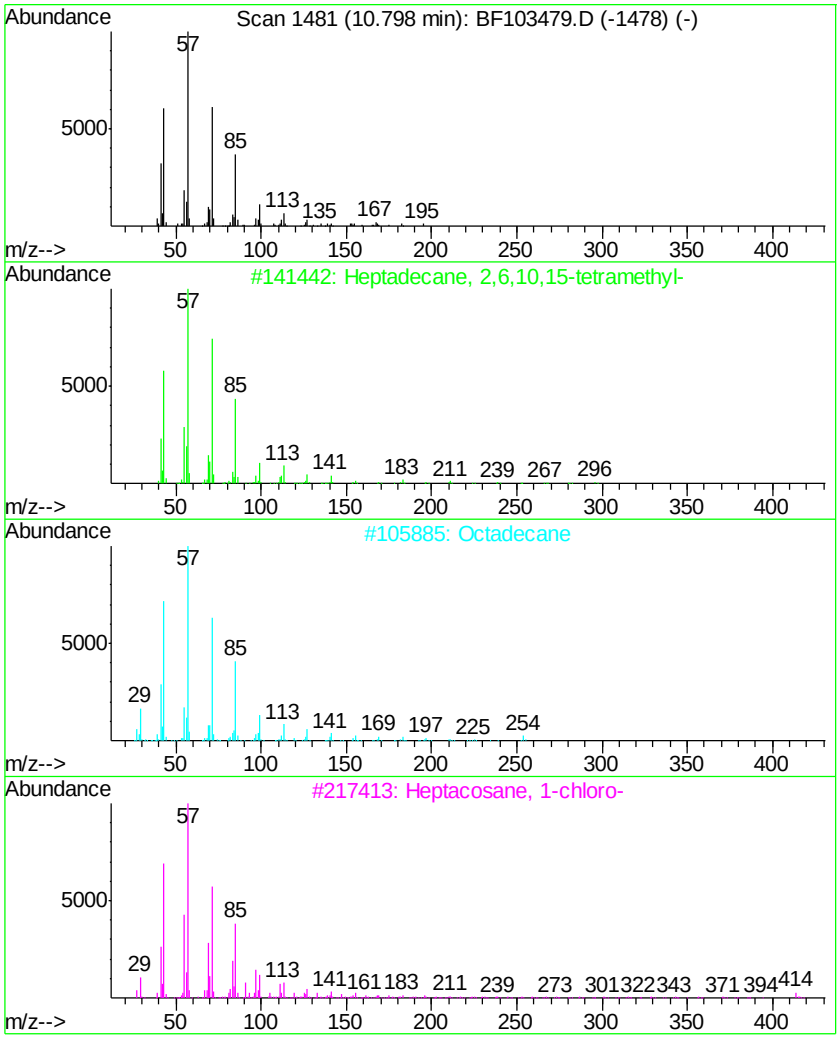
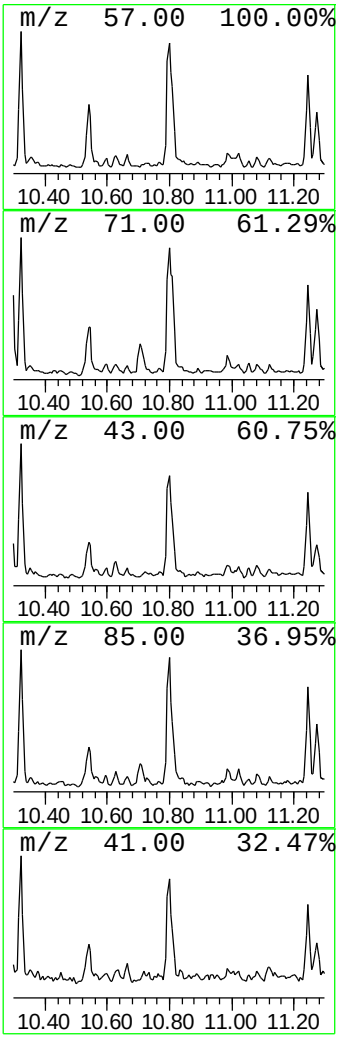
Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	7.28 ng	282196	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Octadecane	254	C18H38	000593-45-3	86
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
5	Eicosane	282	C20H42	000112-95-8	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103479.D
Acq On : 7 Mar 2018 1:54
Operator : SJ/JU
Sample : J1810-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHA-WCS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

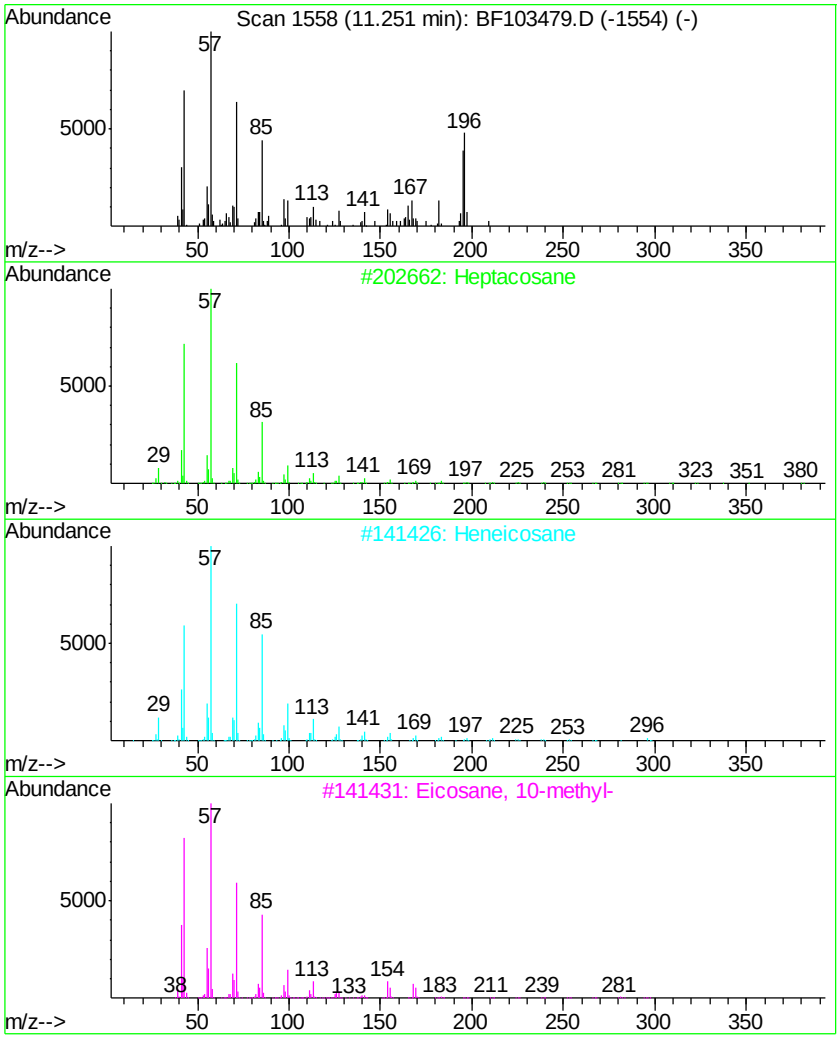
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

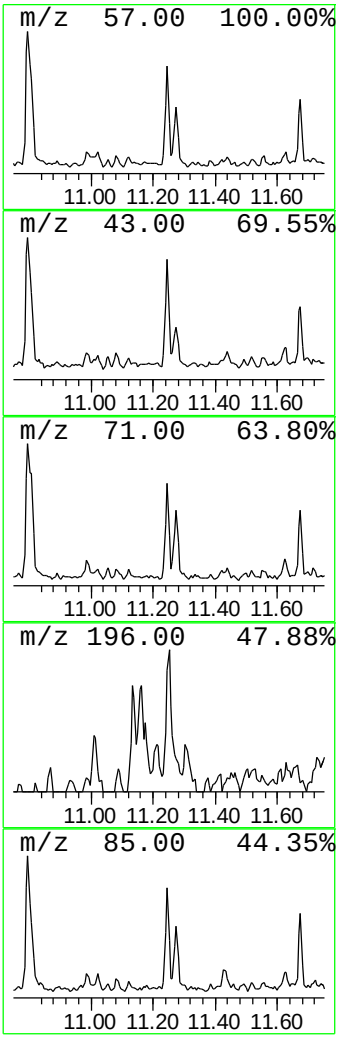
****

Peak Number 7 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.76 ng	145865	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	81
2	Heneicosane	296	C21H44	000629-94-7	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Pentadecane	212	C15H32	000629-62-9	68
5	Eicosane	282	C20H42	000112-95-8	68





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103479.D
Acq On : 7 Mar 2018 1:54
Operator : SJ/JU
Sample : J1810-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHA-WCS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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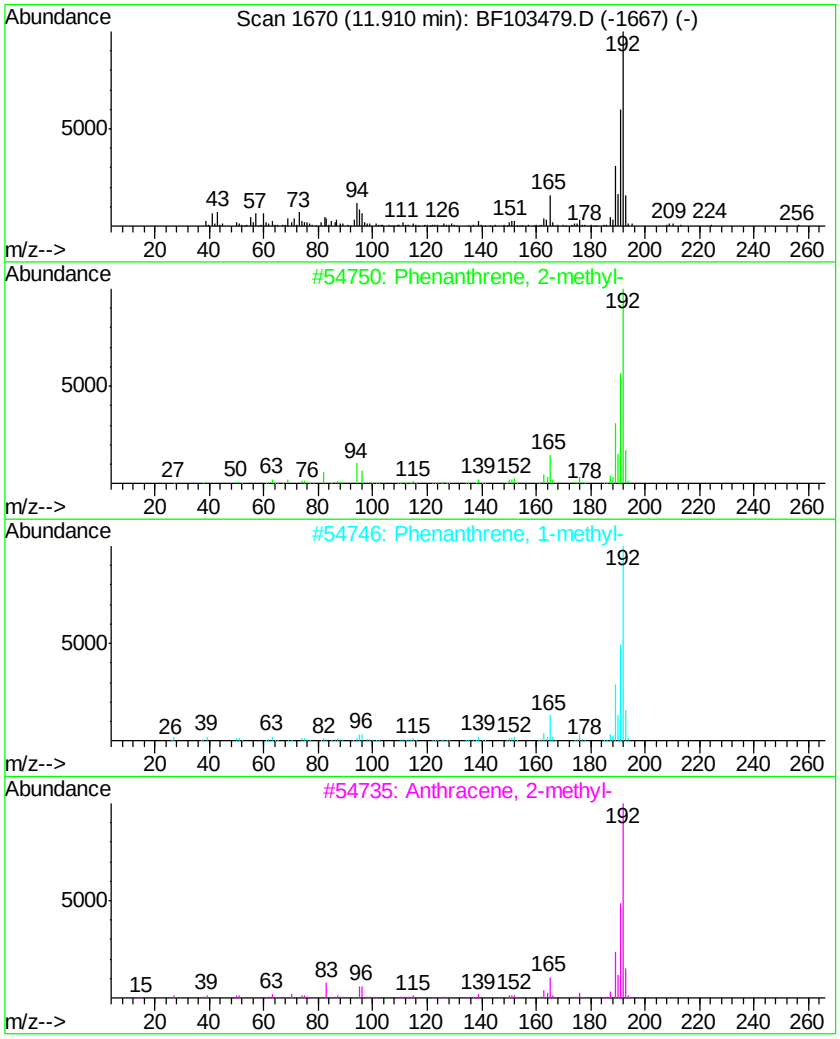
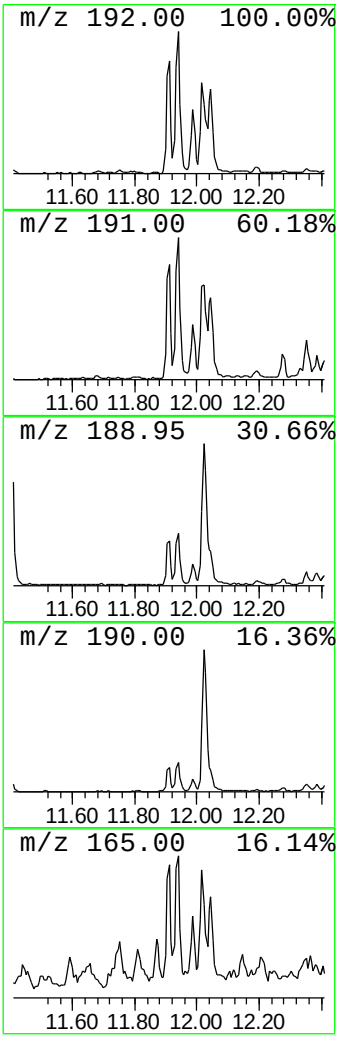
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	6.20 ng	240532	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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ClientSampleId : MHA-WCS

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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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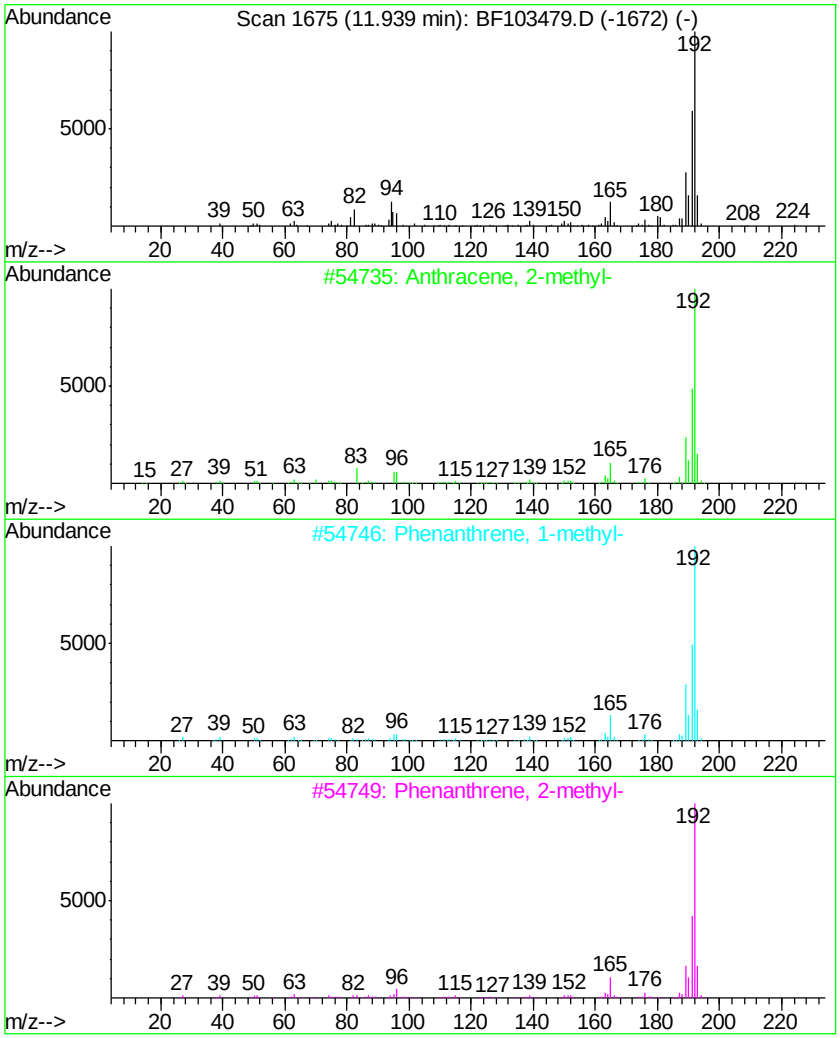
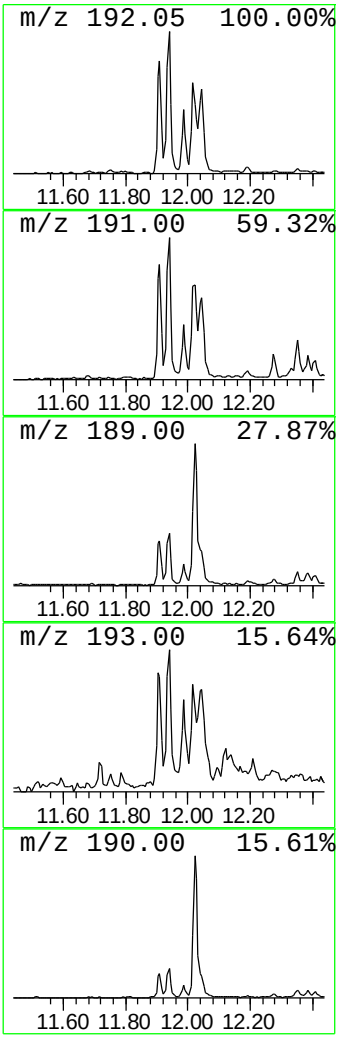
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	6.67 ng	258649	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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

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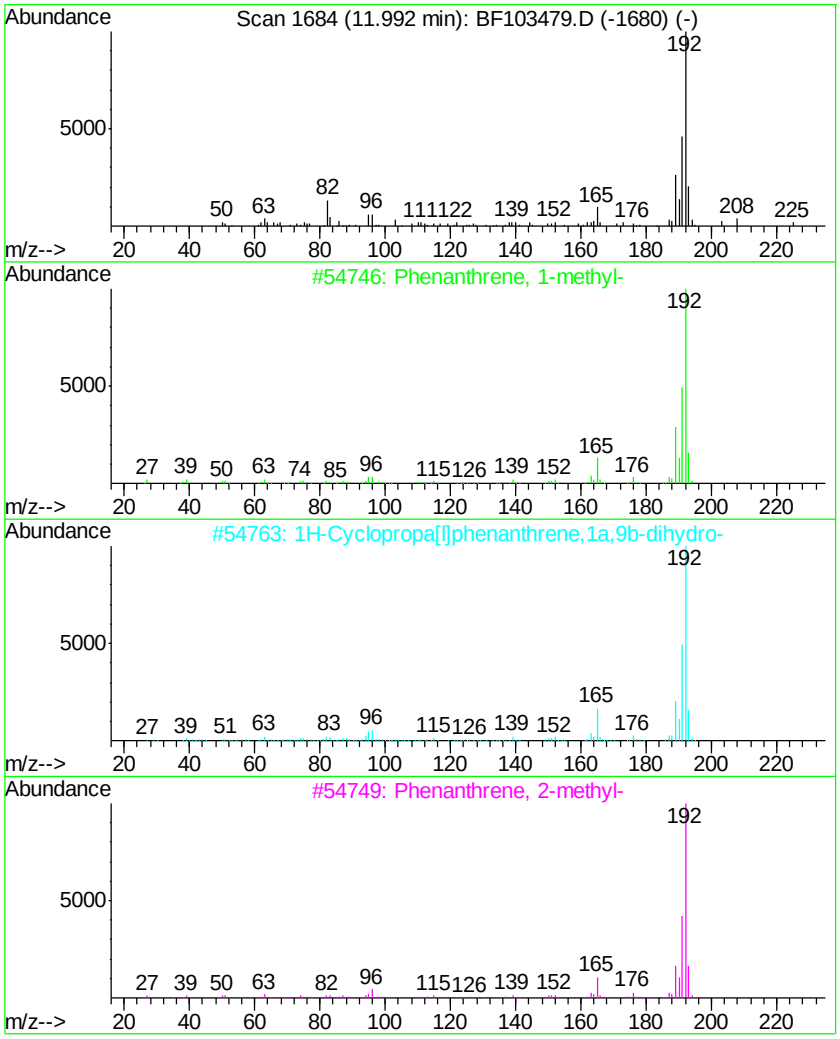
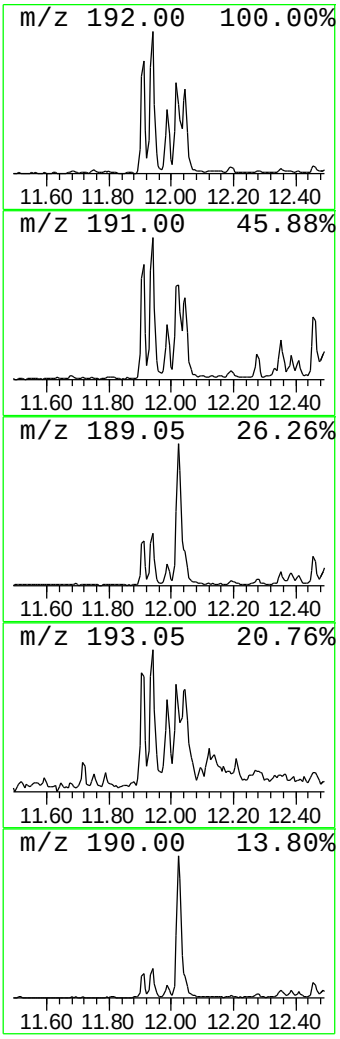
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.75 ng	106632	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	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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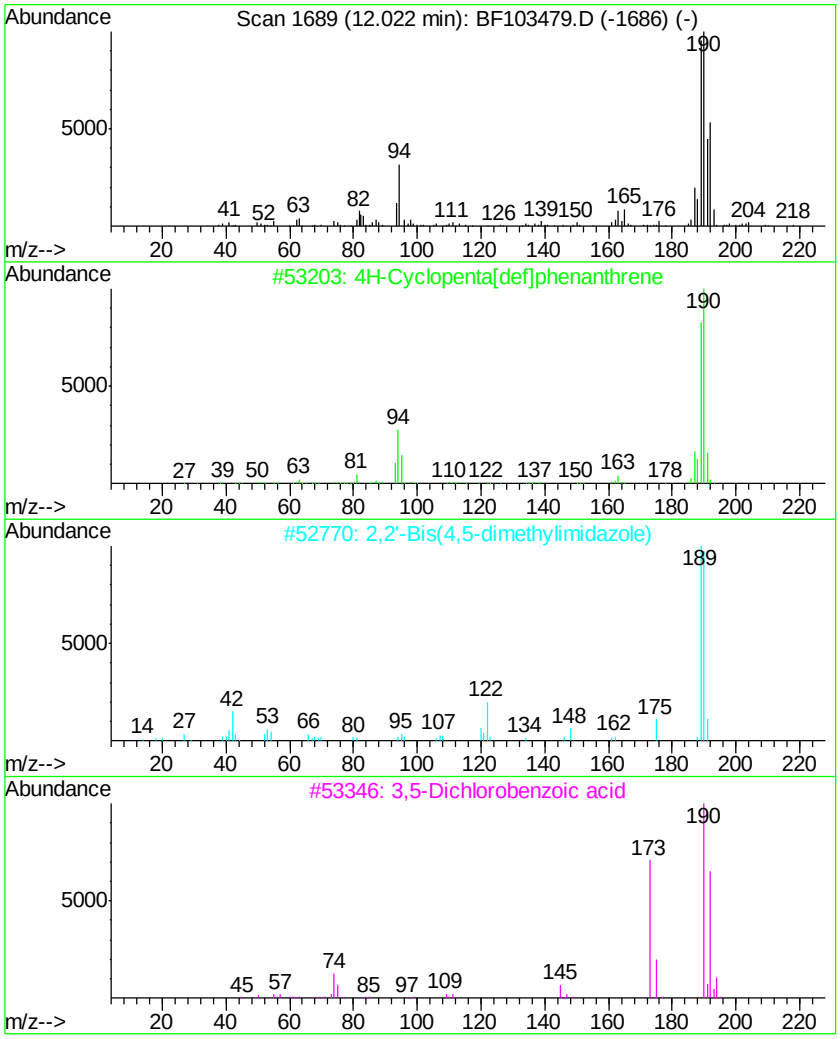
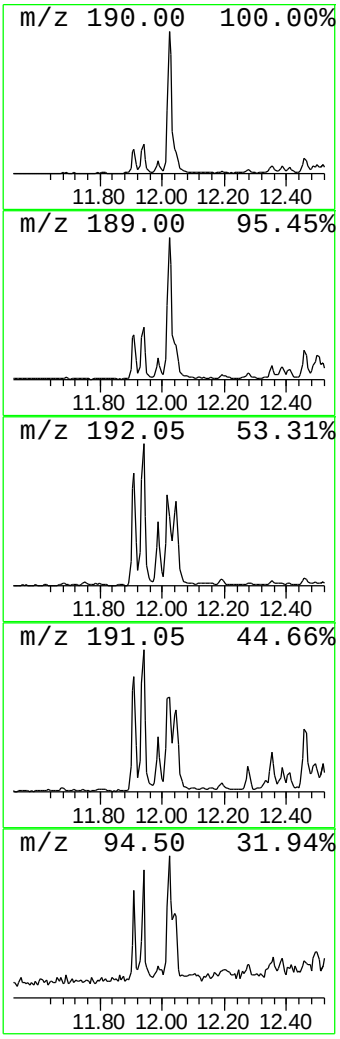
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.67 ng	297354	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	14





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

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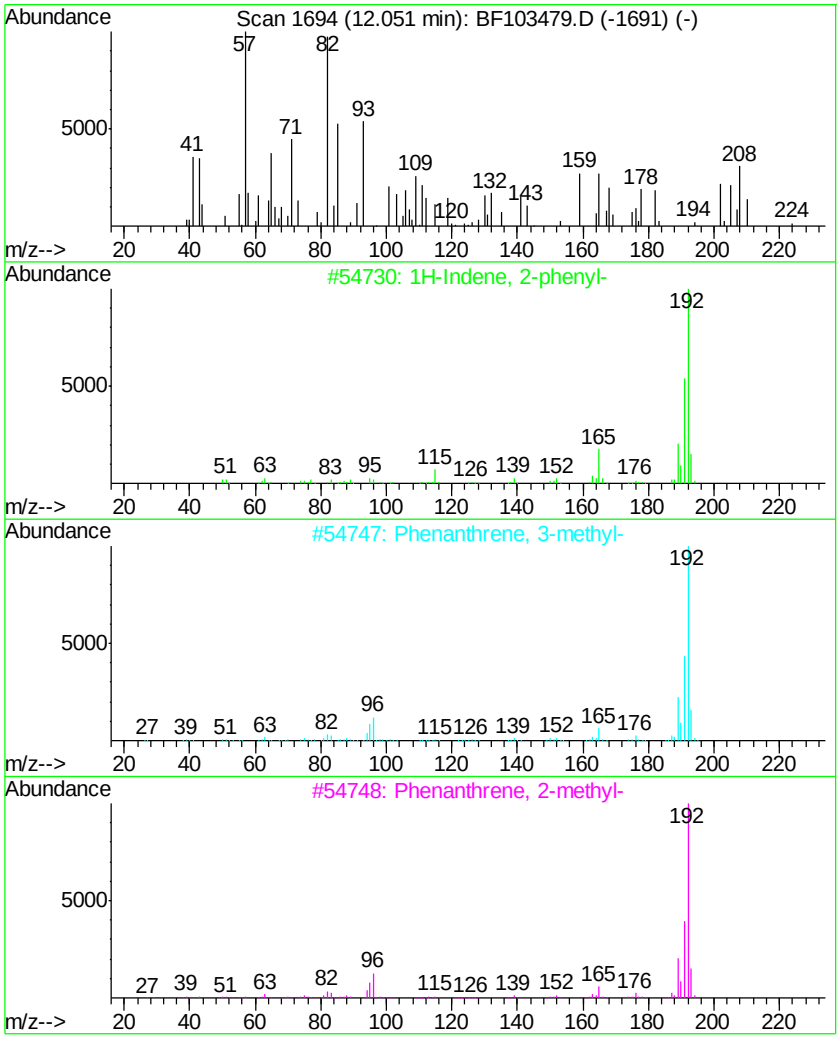
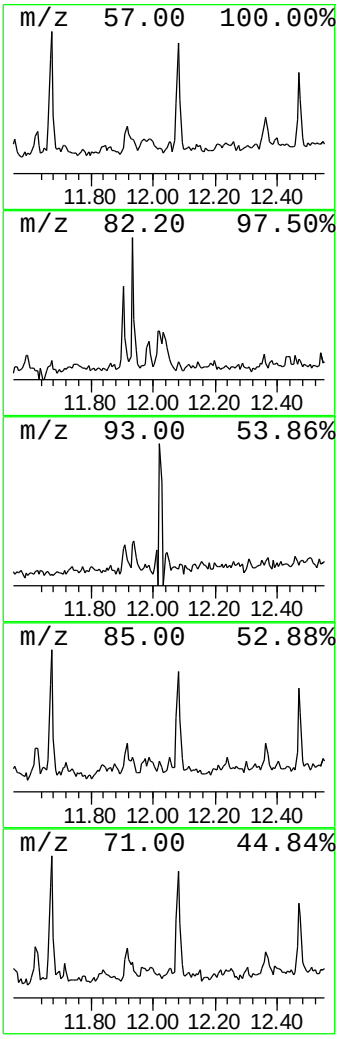
Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.31 ng	128309	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80





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

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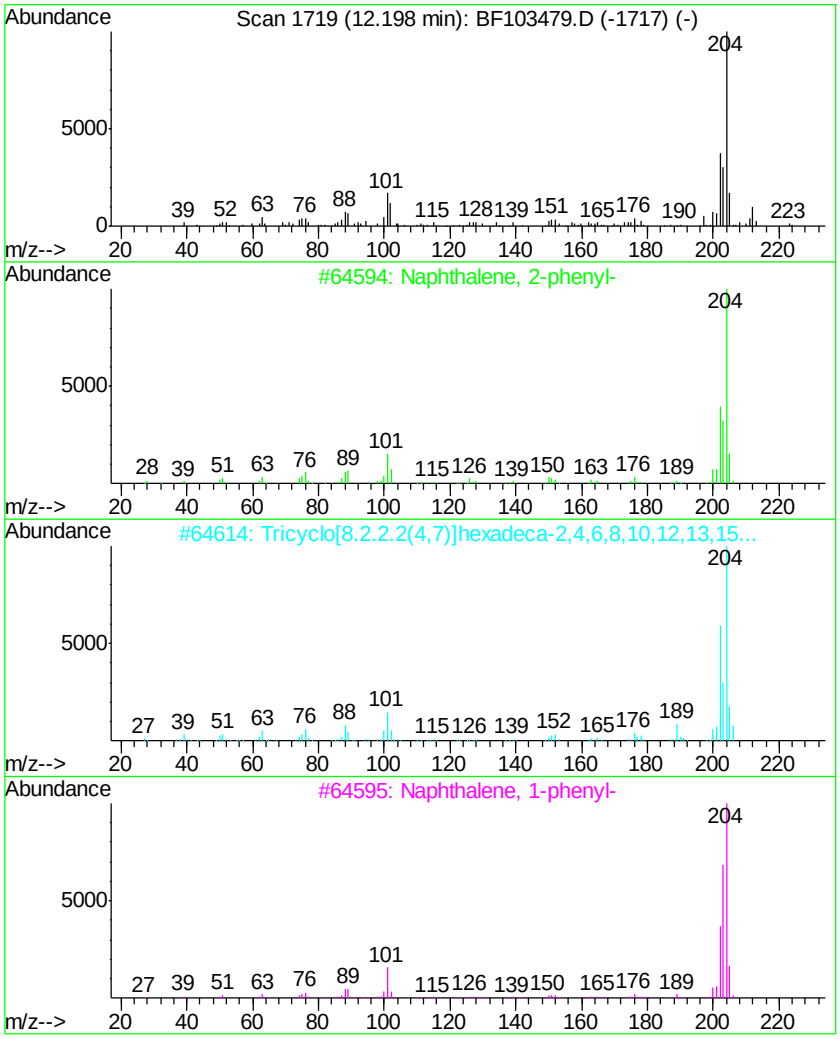
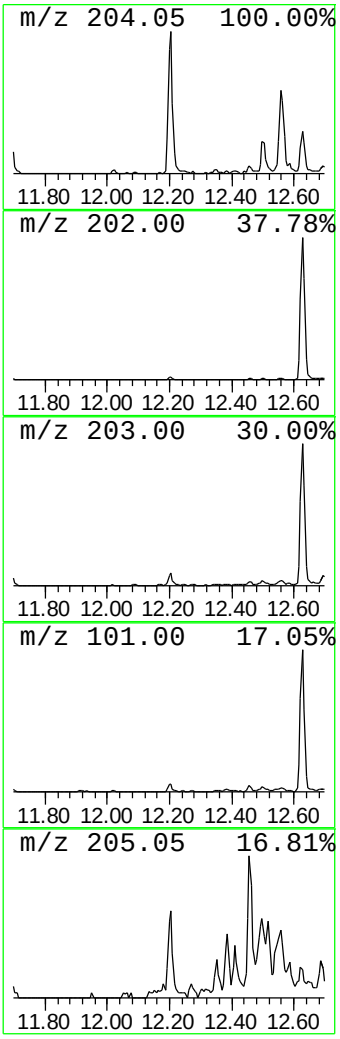
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.88 ng	111825	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	64
5	Levamisole	204	C11H12N2S	014769-73-4	53





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

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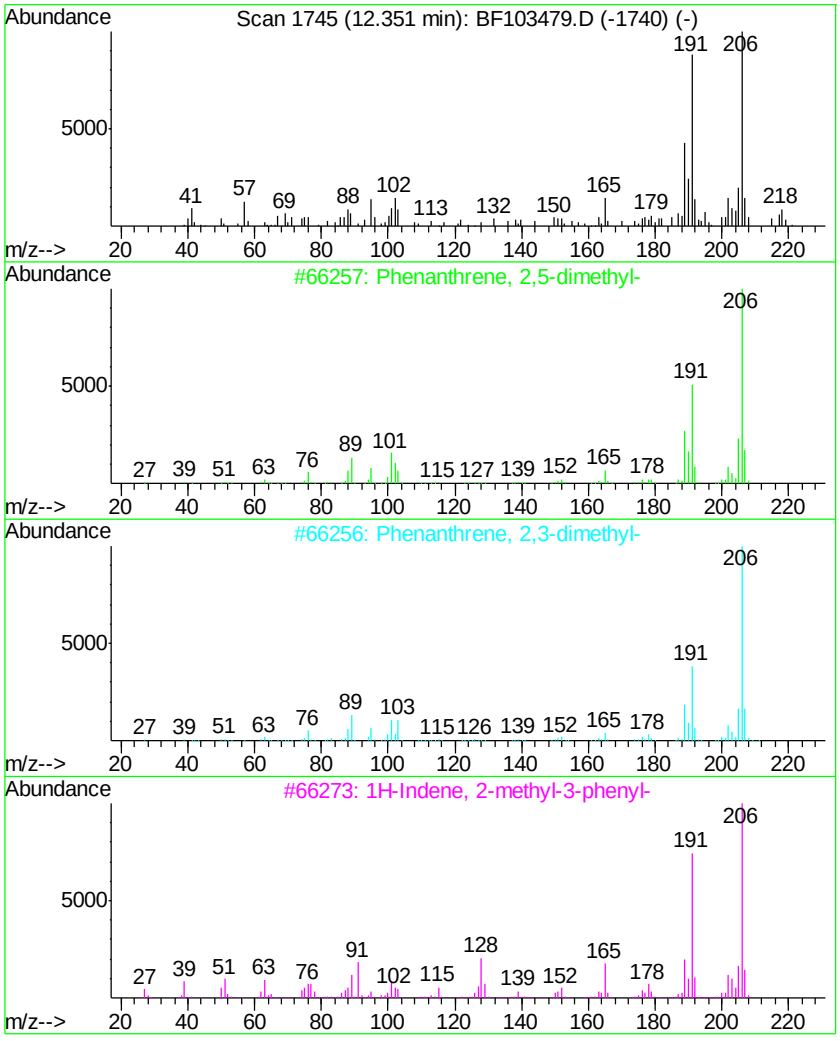
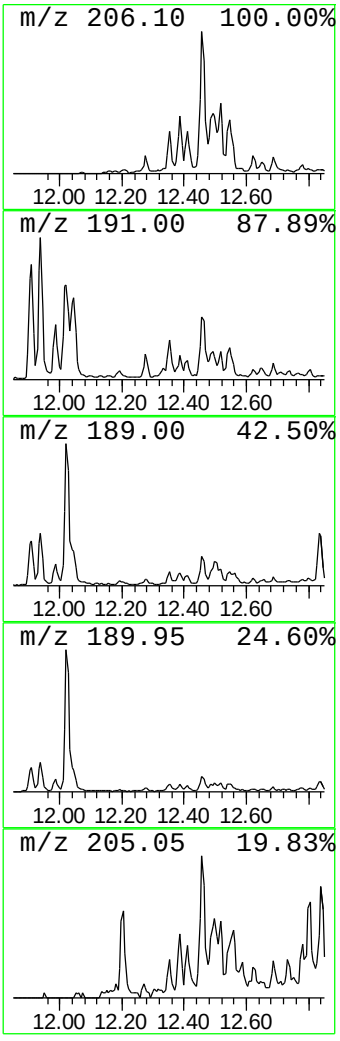
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.58 ng	100065	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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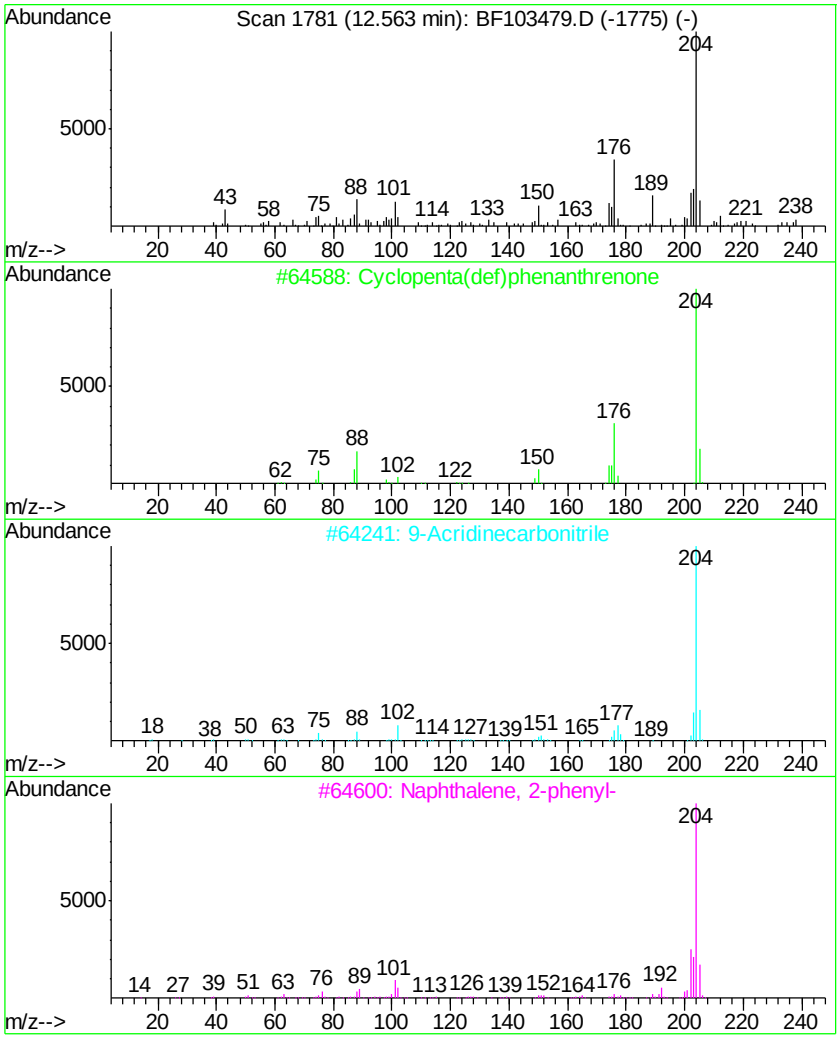
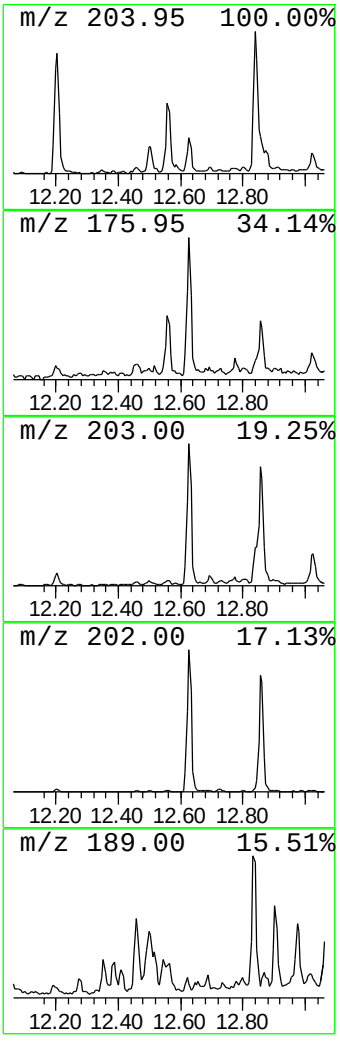
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	5.09 ng	197196	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	68
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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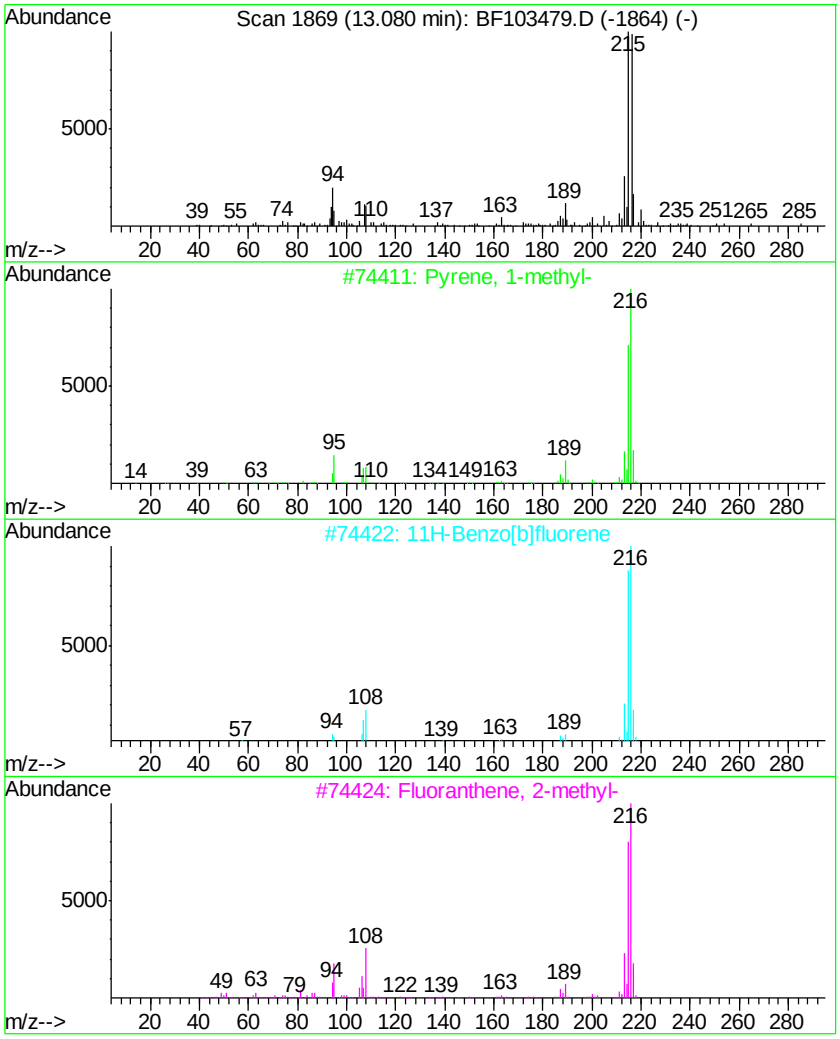
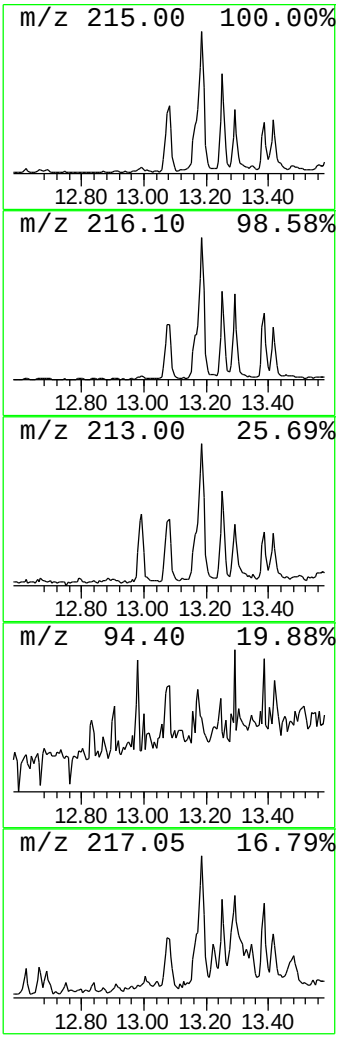
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.33 ng	208224	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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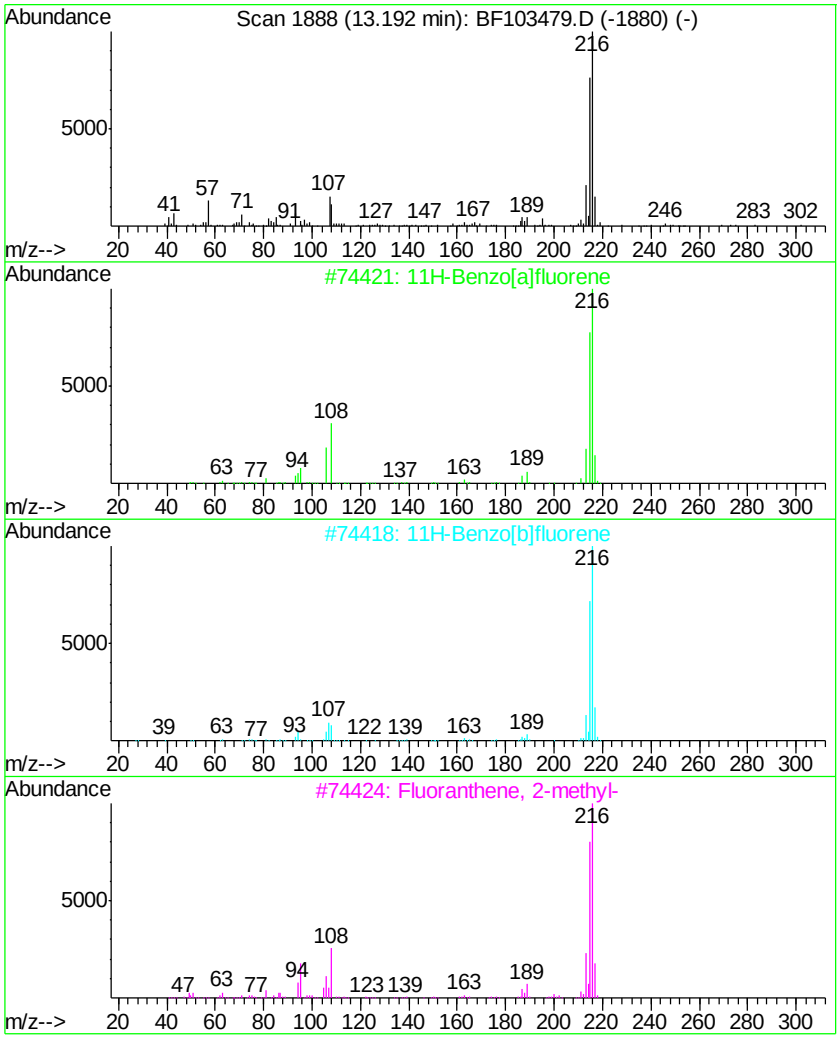
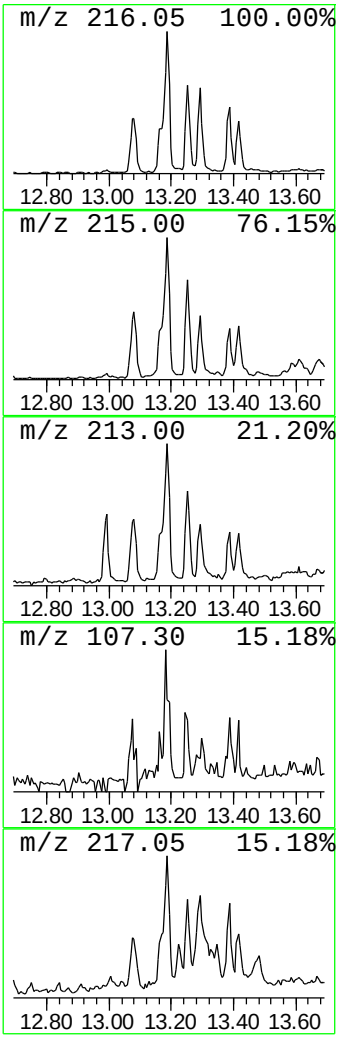
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	5.89 ng	368203	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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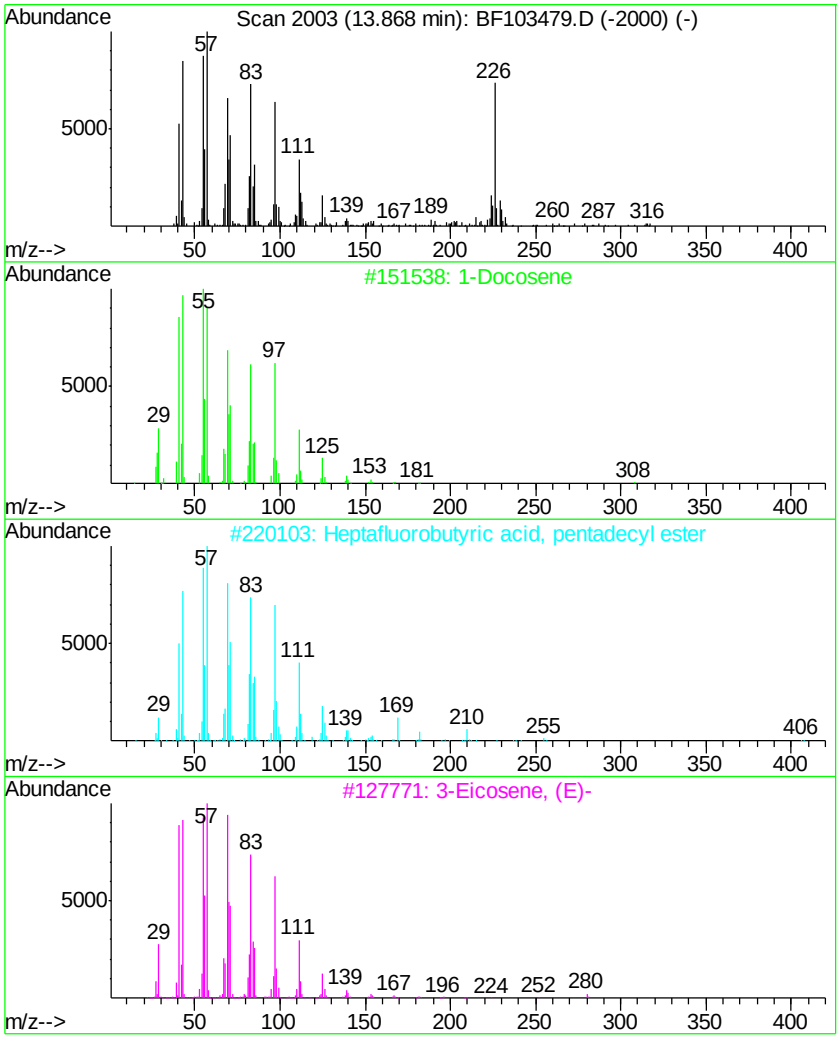
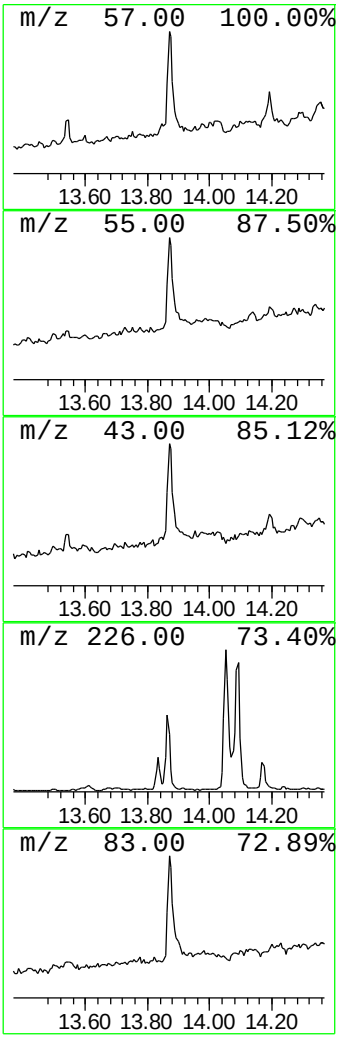
Peak Number 19 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.51 ng	594457	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	70
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	62
5	Octacosanol	410	C28H58O	000557-61-9	62





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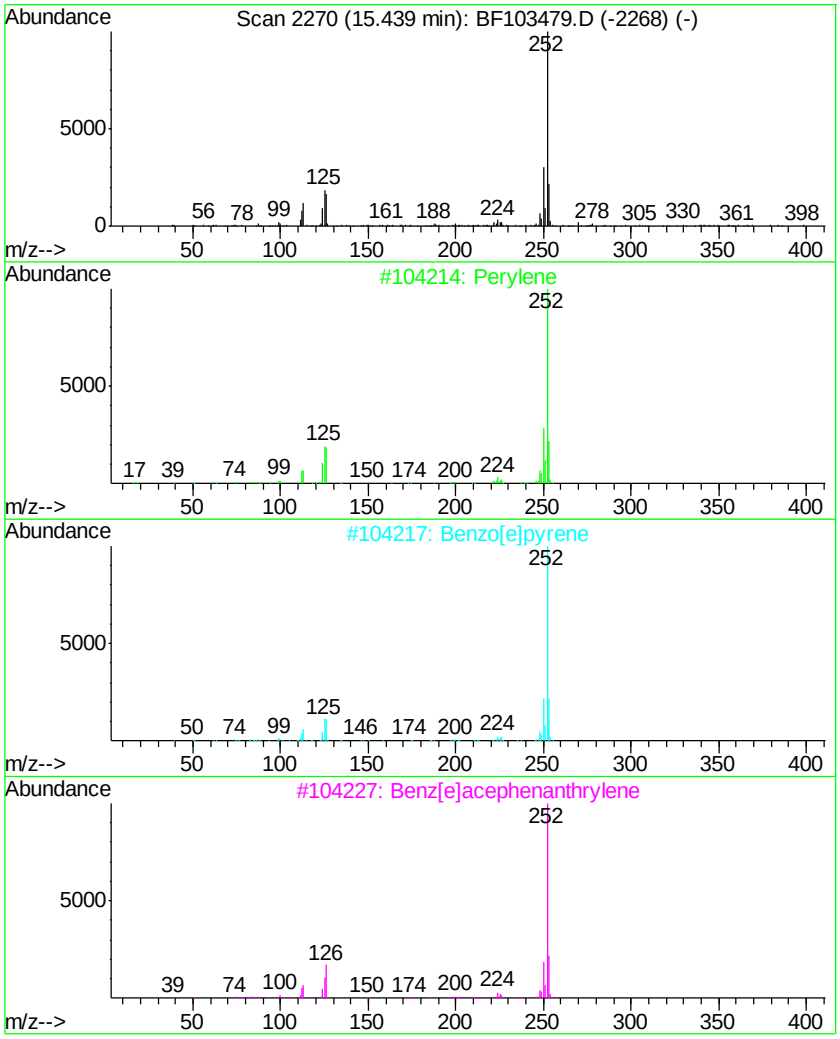
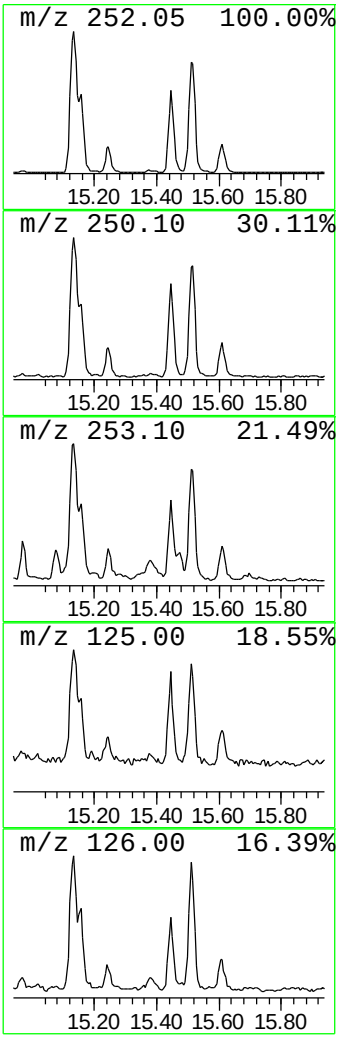
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	18.49 ng	254119	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Instrument : BNA_F
ClientSampleId : MHA-WCS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.12	6.4	ng	261522	1	6.87	812939	20.0
unknown6.64	6.64	74.0	ng	3006610	1	6.87	812939	20.0
Hexadecane	9.82	3.0	ng	138998	3	9.91	942588	20.0
Heptadecane, 2,6,...	10.80	7.3	ng	282196	4	11.40	775343	20.0
Heptacosane	11.25	3.8	ng	145865	4	11.40	775343	20.0
Phenanthrene, 2-m...	11.91	6.2	ng	240532	4	11.40	775343	20.0
Anthracene, 2-met...	11.94	6.7	ng	258649	4	11.40	775343	20.0
Phenanthrene, 1-m...	11.99	2.8	ng	106632	4	11.40	775343	20.0
4H-Cyclopenta[def...	12.02	7.7	ng	297354	4	11.40	775343	20.0
1H-Indene, 2-phenyl-	12.05	3.3	ng	128309	4	11.40	775343	20.0
Naphthalene, 2-ph...	12.20	2.9	ng	111825	4	11.40	775343	20.0
Phenanthrene, 2,5...	12.35	2.6	ng	100065	4	11.40	775343	20.0
Cyclopenta(def)ph...	12.56	5.1	ng	197196	4	11.40	775343	20.0
Pyrene, 1-methyl-	13.08	3.3	ng	208224	5	14.06	1250140	20.0
11H-Benzo[a]fluorene	13.19	5.9	ng	368203	5	14.06	1250140	20.0
1-Docosene	13.87	9.5	ng	594457	5	14.06	1250140	20.0
Perylene	15.44	18.5	ng	254119	6	15.57	274846	20.0