LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

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-BF072018.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	5.196	482	486	505	rBV	426882	611503	15.31%	0.889%
2	5.596	551	554	582	rBV	2073797	3169682	79.38%	4.607%
3	6.601	721	725	744	rBV	1990562	3377506	84.58%	4.909%
4	6.737	744	748	774	rVB	2820898	3760277	94.17%	5.466%
5	6.960	783	786	808	rVB	557435	920747	23.06%	1.338%
6	7.113	809	812	827	rBV	2387288	2877704	72.06%	4.183%
7	7.219	828	830	836	rVB3	31388	43168	1.08%	0.063%
8	7.525	878	882	899	rBV	1419687	2202268	55.15%	3.201%
9	8.242	1000	1004	1007	rBV	1000032	1077446	26.98%	1.566%
10	8.954	1121	1125	1131	rBV2	80697	114801	2.87%	0.167%
11	9.054	1137	1142	1152	rVB	110745	122754	3.07%	0.178%
12	9.313	1180	1186	1201	rBV	3441753	3893912	97.51%	5.660%
13	9.583	1228	1232	1236	rBV2	57146	83406	2.09%	0.121%
14	9.654	1240	1244	1247	rBV	87945	102342	2.56%	0.149%
15	9.707	1250	1253	1261	rVB	238570	258395	6.47%	0.376%
16	9.860	1274	1279	1285	rBV	305172	356643	8.93%	0.518%
17	10.001	1299	1303	1306	rBV	1170376	1139786	28.54%	1.657%
18	10.031	1306	1308	1318	rVB	406313	393500	9.85%	0.572%
19	10.154	1324	1329	1333	rBV2	29121	46524	1.17%	0.068%
20	10.207	1333	1338	1341	rVV2	74216	123441	3.09%	0.179%
21	10.236	1341	1343	1347	rVB	54659	51536	1.29%	0.075%
22	10.313	1352	1356	1358	rBV	48436	56017	1.40%	0.081%
23	10.407	1366	1372	1376	rBV3	73179	104295	2.61%	0.152%
24	10.548	1393	1396	1403	rBV	428308	511987	12.82%	0.744%
25	10.630	1408	1410	1413	rVB2	54370	51081	1.28%	0.074%
26	10.707	1420	1423	1426	rVB	83959	89621	2.24%	0.130%
27	10.795	1434	1438	1450	rBV	1987131	2387301	59.78%	3.470%
28	10.889	1450	1454	1459	rVB4	56030	87545	2.19%	0.127%
29	11.101	1484	1490	1492	rBV	121549	174973	4.38%	0.254%
30	11.125	1492	1494	1498	rVV	60195	79094	1.98%	0.115%
31	11.178	1501	1503	1506	rVB	60777	55692	1.39%	0.081%
32	11.225	1507	1511	1513	rBV3	47610	63576	1.59%	0.092%
33	11.248	1513	1515	1519	rVB4	56562	63301	1.59%	0.092%
34	11.301	1521	1524	1527	rBV4	45595	48848	1.22%	0.071%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.330	1527	1529	1532	rBV2	93063	96003	2.40%	0.140%
36	11.395	1536	1540	1549	rVB	144779	208965	5.23%	0.304%
37	11.495	1553	1557	1559	rBV	1014167	1047715	26.24%	1.523%
38	11.519	1559	1561	1567	rVV	2164194	2390600	59.87%	3.475%
39	11.572	1567	1570	1580	rVB	739244	931282	23.32%	1.354%
40	11.736	1596	1598	1600	rBV3	54047	53452	1.34%	0.078%
41	11.760	1600	1602	1604	rVB	71383	51797	1.30%	0.075%
42	11.783	1604	1606	1611	rBV	84495	68732	1.72%	0.100%
43	11.830	1611	1614	1618	rBV3	87617	117677	2.95%	0.171%
44	11.913	1625	1628	1632	rBV	48016	79541	1.99%	0.116%
45	12.001	1639	1643	1645	rBV	533377	617725	15.47%	0.898%
46	12.025	1645	1647	1653	rVB2	486554	485265	12.15%	0.705%
47	12.077	1653	1656	1658	rBV	208710	212248	5.32%	0.309%
48	12.113	1658	1662	1664	rBV2	841906	895450	22.42%	1.302%
49	12.295	1690	1693	1696	rBV	271622	303527	7.60%	0.441%
50	12.554	1734	1737	1740	rBV2	228605	245189	6.14%	0.356%
51	12.730	1762	1767	1774	rBV	3201706	3549463	88.89%	5.159%
52	12.813	1779	1781	1788	rVB	231193	299158	7.49%	0.435%
53	12.954	1798	1805	1810	rBV	3120463	3993285	100.00%	5.804%
54	13.077	1821	1826	1836	rVB	2596280	3115733	78.02%	4.529%
55	13.166	1836	1841	1846	rVB3	257976	434002	10.87%	0.631%
56	13.277	1856	1860	1866	rVB	665141	805040	20.16%	1.170%
57	13.342	1868	1871	1874	rBV	720132	703631	17.62%	1.023%
58	13.377	1874	1877	1880	rVV2	289854	289895	7.26%	0.421%
59	13.471	1890	1893	1896	rBV	232683	243868	6.11%	0.354%
60	13.501	1896	1898	1906	rVB2	287320	381976	9.57%	0.555%
61	13.754	1938	1941	1944	rBV	115505	162557	4.07%	0.236%
62	13.783	1944	1946	1951	rVB2	146532	178721	4.48%	0.260%
63	13.895	1963	1965	1967	rBV	239567	245632	6.15%	0.357%
64	13.924	1967	1970	1972	rVV	354289	373195	9.35%	0.542%
65	13.948	1972	1974	1981	rVB4	298982	447006	11.19%	0.650%
66	14.142	2001	2007	2011	rBV2	2295354	3900488	97.68%	5.670%
67	14.177	2011	2013	2020	rVV	1986780	1978709	49.55%	2.876%
68	14.254	2024	2026	2028	rVV	252426	234886	5.88%	0.341%
69	14.301	2031	2034	2040	rVB5	139456	243844	6.11%	0.354%
70	14.495	2065	2067	2069	rBV	121753	129652	3.25%	0.188%
71	14.536	2069	2074	2077	rVV	416890	640688	16.04%	0.931%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.571	2077	2080	2084	rVB2	211343	289897	7.26%	0.421%
73	14.636	2089	2091	2093	rVV	253642	243851	6.11%	0.354%
74	14.666	2093	2096	2097	rVV	232773	252226	6.32%	0.367%
75	14.683	2097	2099	2104	rVB	310737	339314	8.50%	0.493%
76	14.895	2133	2135	2139	rVB2	172564	194924	4.88%	0.283%
77	15.230	2187	2192	2195	rBV	1314976	2452723	61.42%	3.565%
78	15.342	2207	2211	2222	rVB	386802	635378	15.91%	0.924%
79	15.548	2242	2246	2253	rVB	709356	1103222	27.63%	1.604%
80	15.618	2253	2258	2262	rBV	1252096	1842828	46.15%	2.679%
81	15.683	2266	2269	2272	rBV2	497095	589759	14.77%	0.857%
82	16.112	2339	2342	2346	rVB3	147252	207036	5.18%	0.301%
83	16.283	2367	2371	2383	rVB3	112413	239907	6.01%	0.349%
84	17.259	2531	2537	2547	rBV2	407981	998445	25.00%	1.451%
85	17.736	2613	2618	2635	rVB	276789	750599	18.80%	1.091%

Sum of corrected areas: 68797378

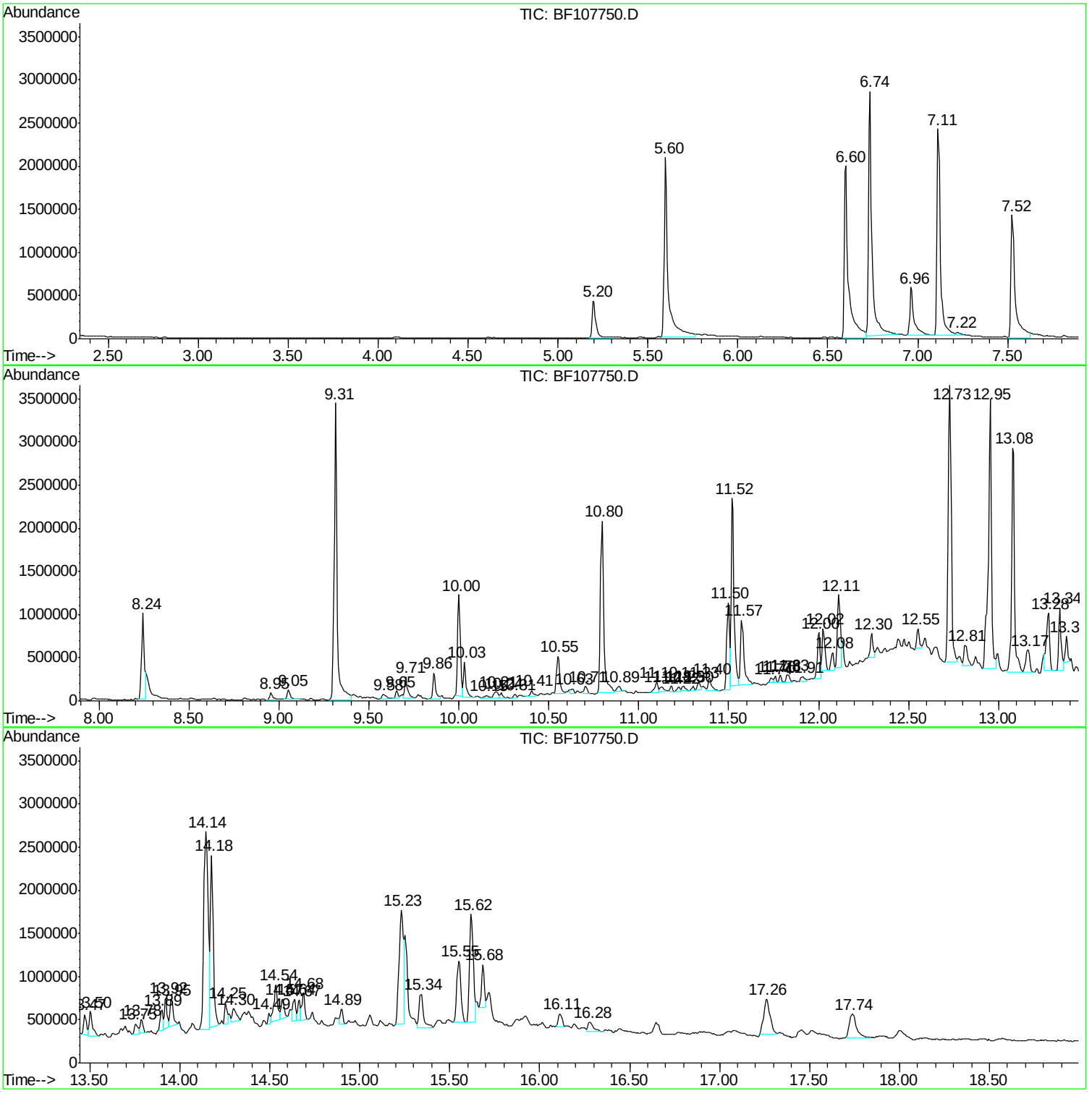
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

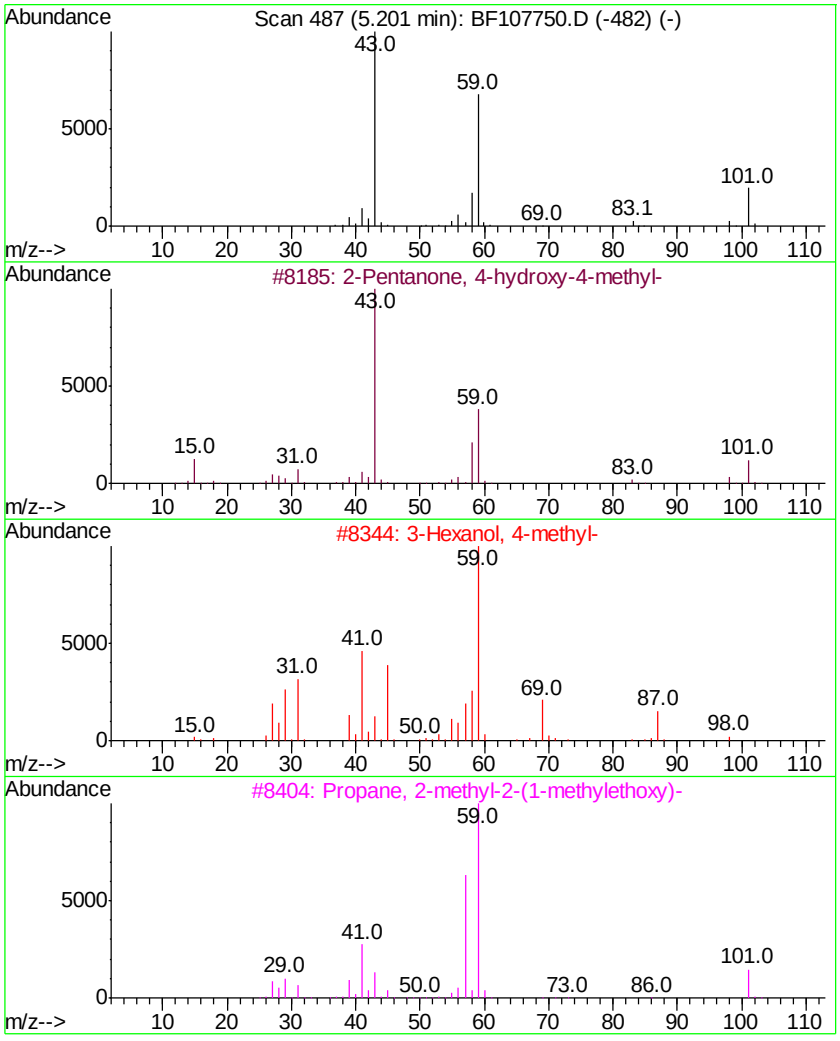
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

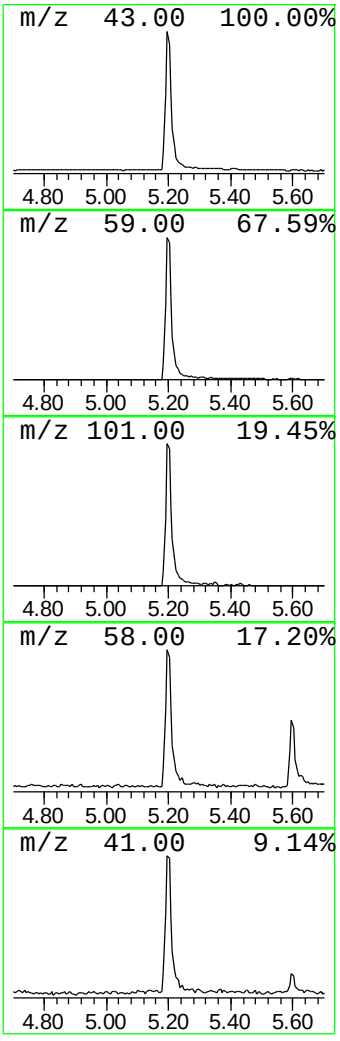
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	13.28 ng	611503	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

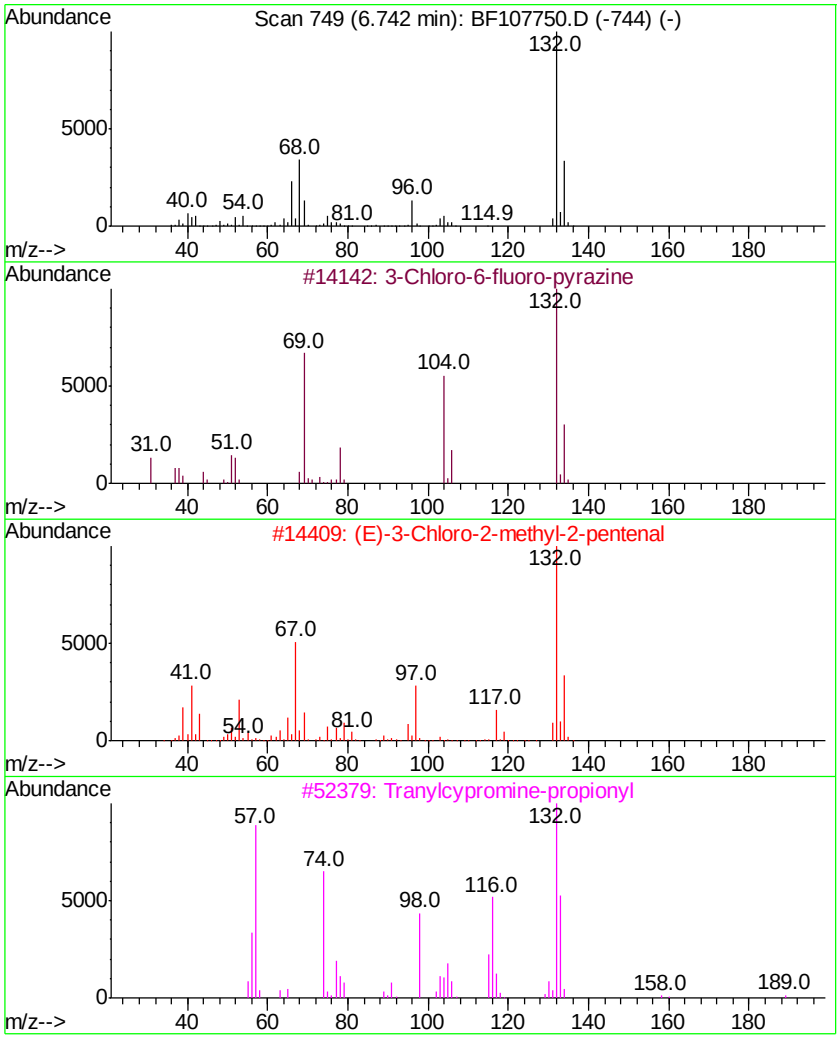
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

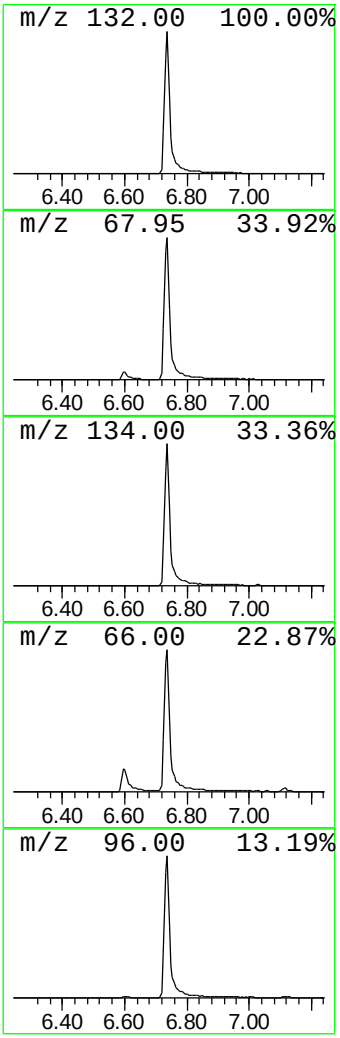
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	81.68 ng	3760280	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

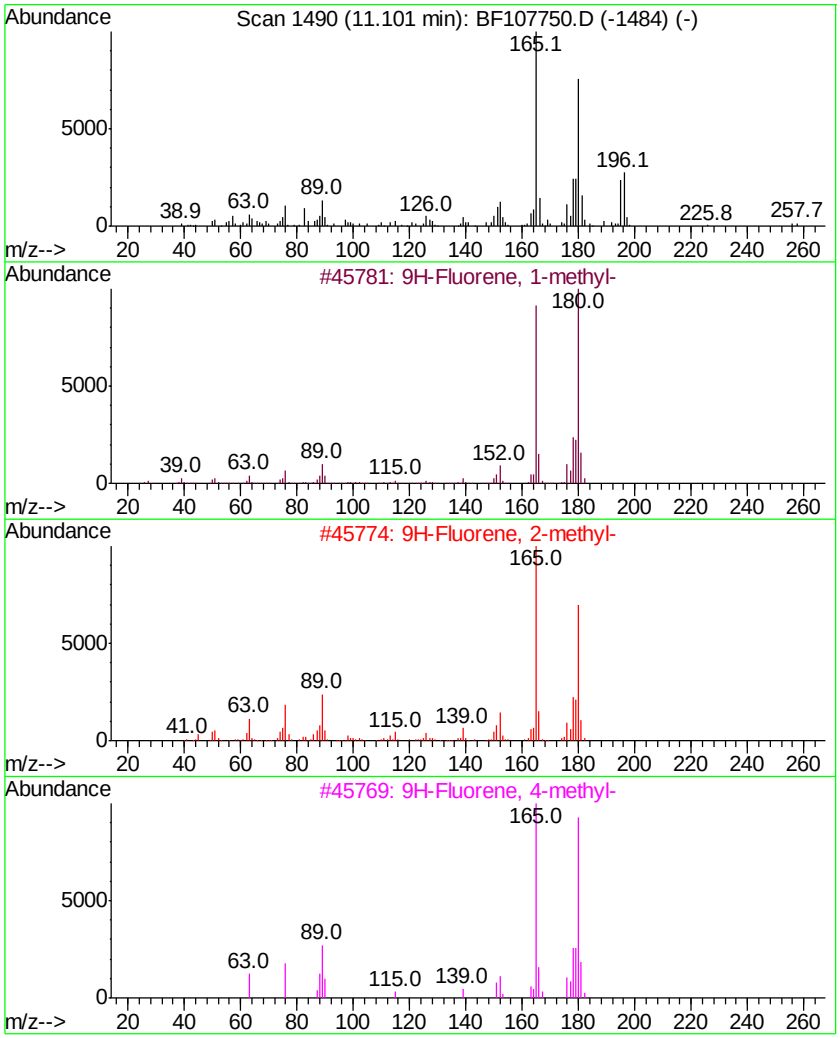
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

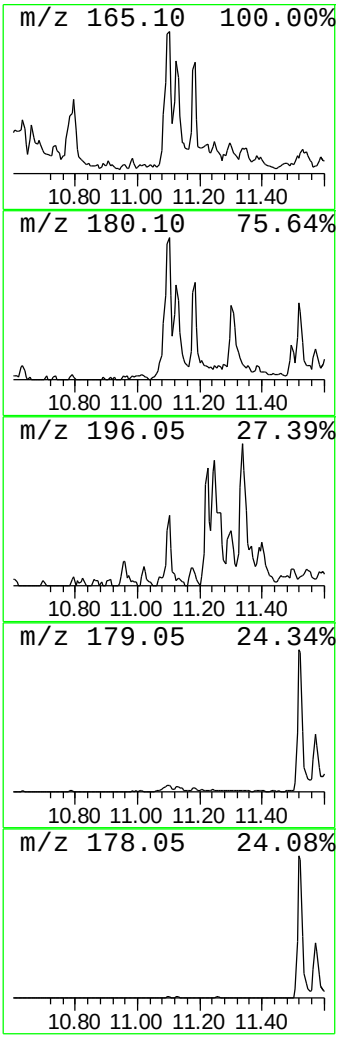
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.34 ng	174973	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

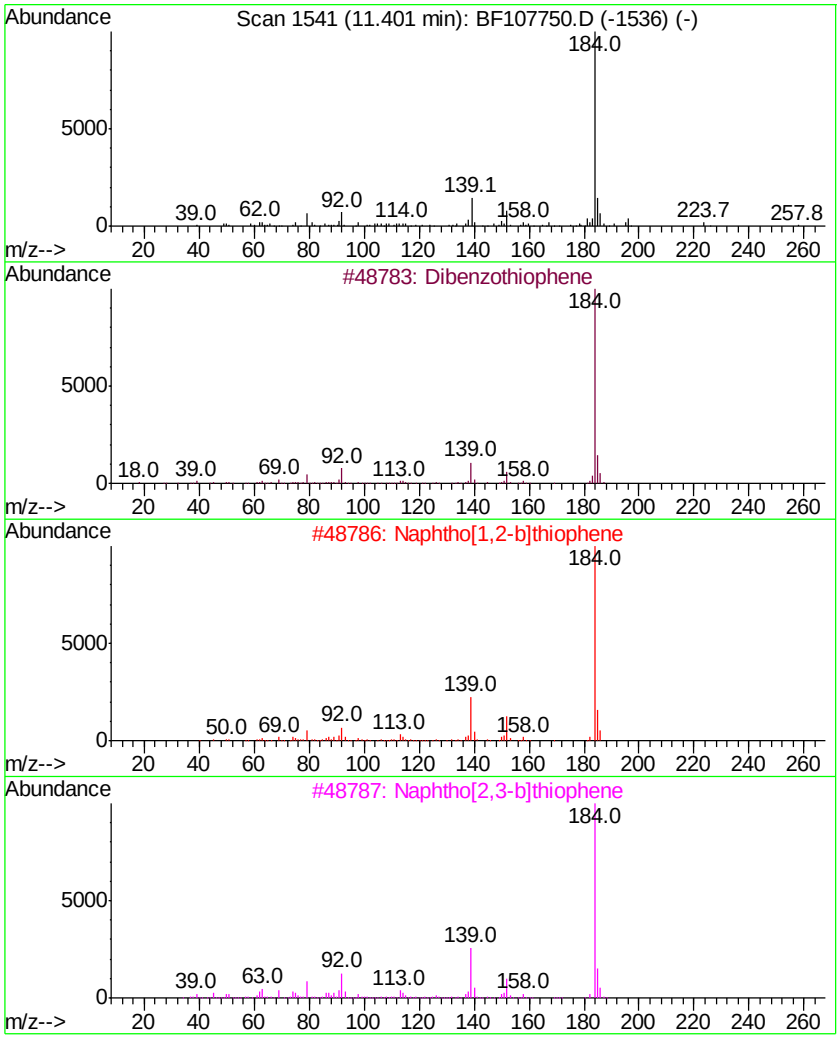
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

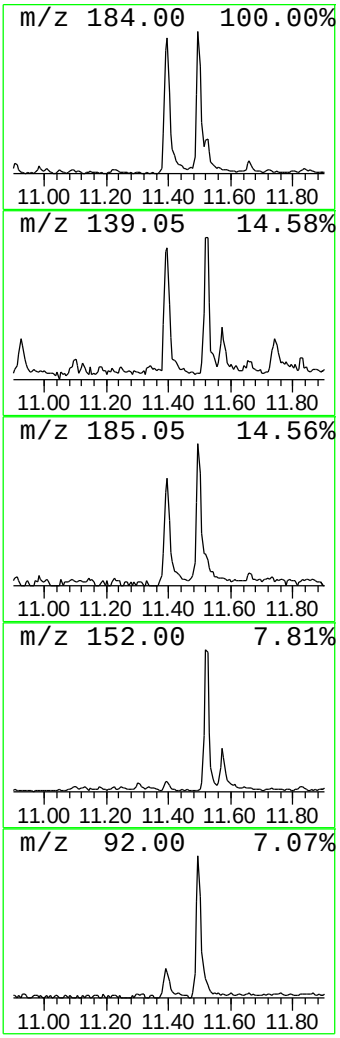
****

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	3.99 ng	208965	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

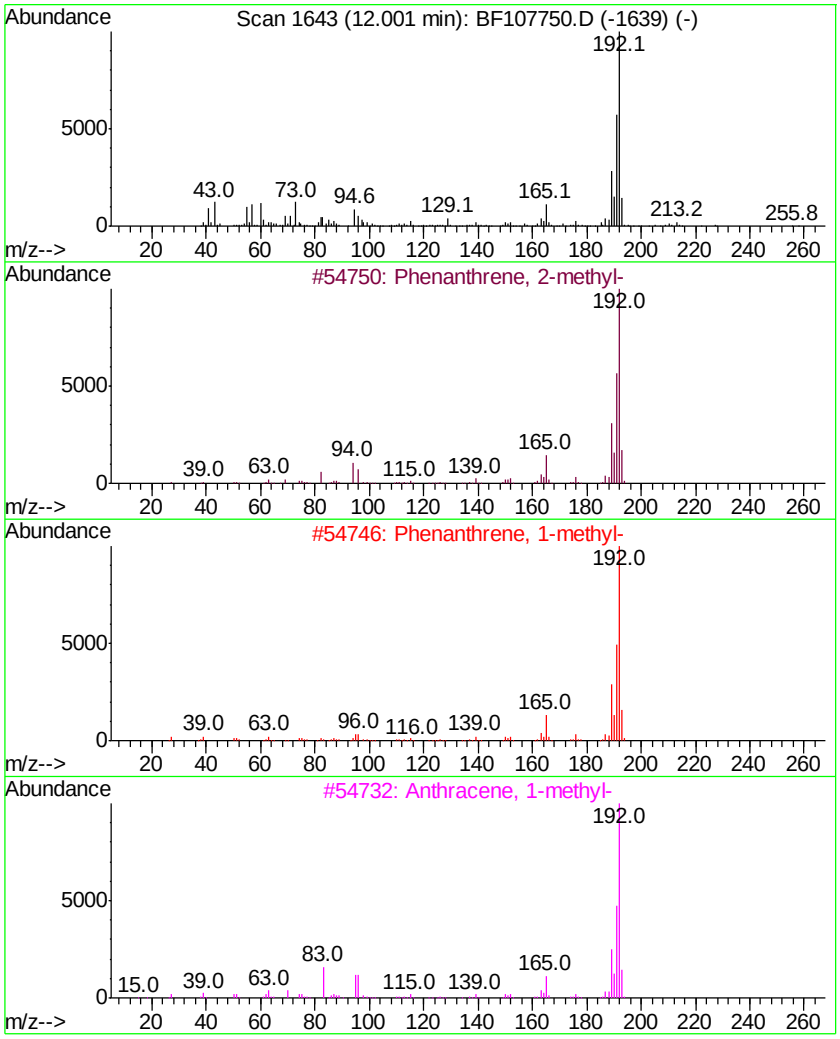
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

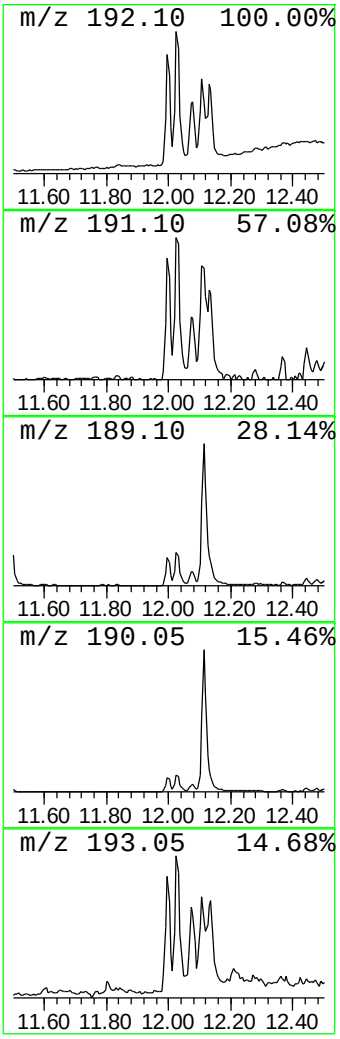
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	11.79 ng	617725	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

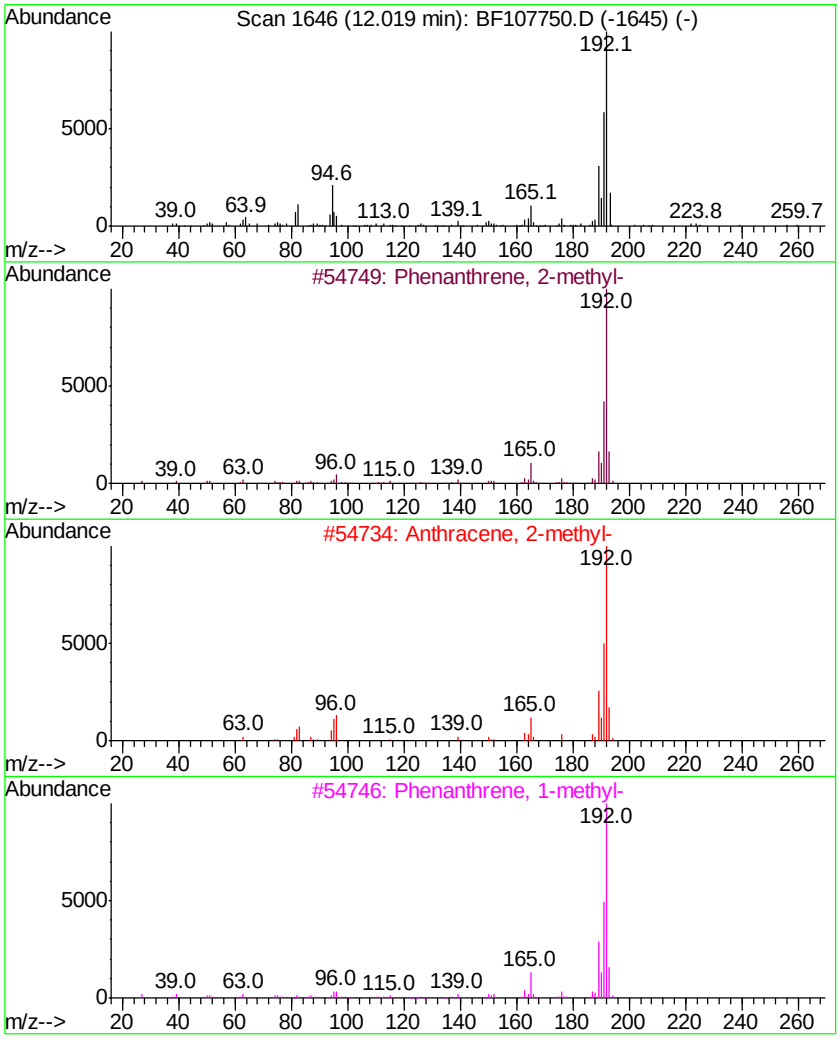
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

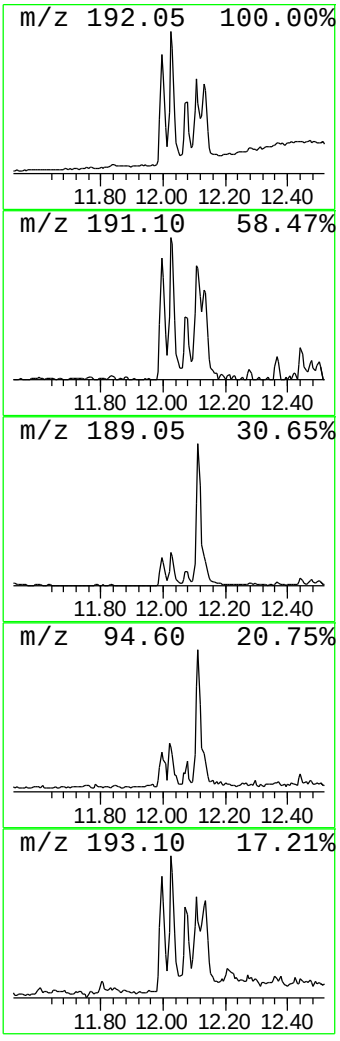
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	9.26 ng	485265	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

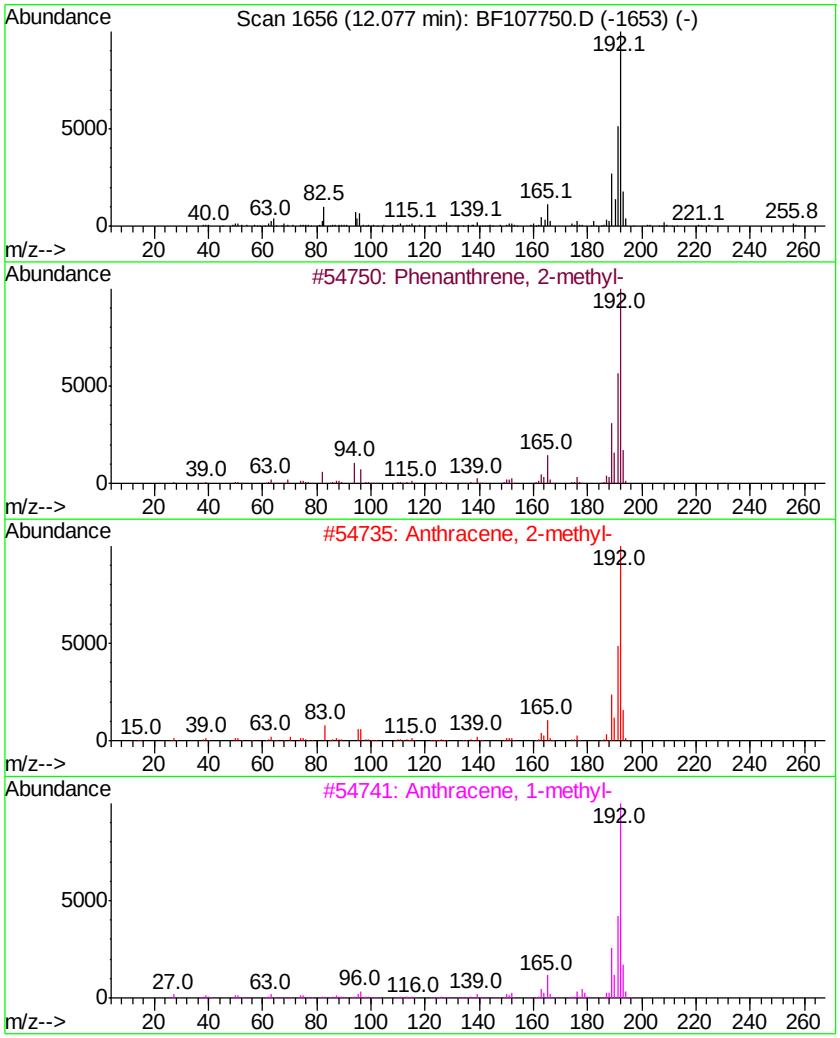
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

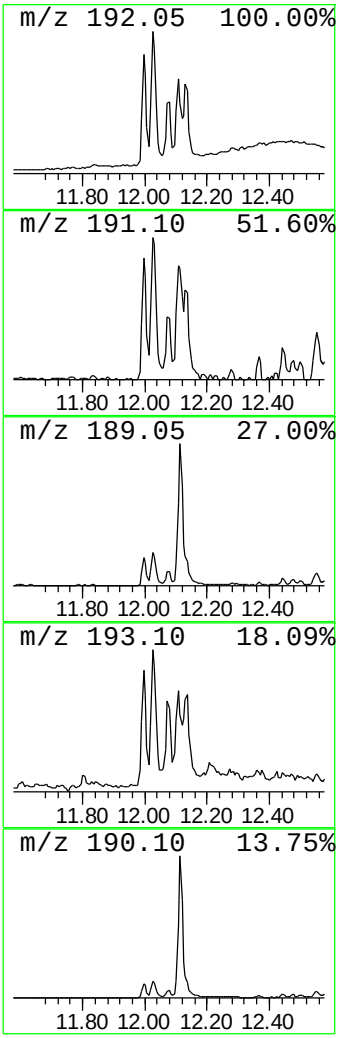
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	4.05 ng	212248	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

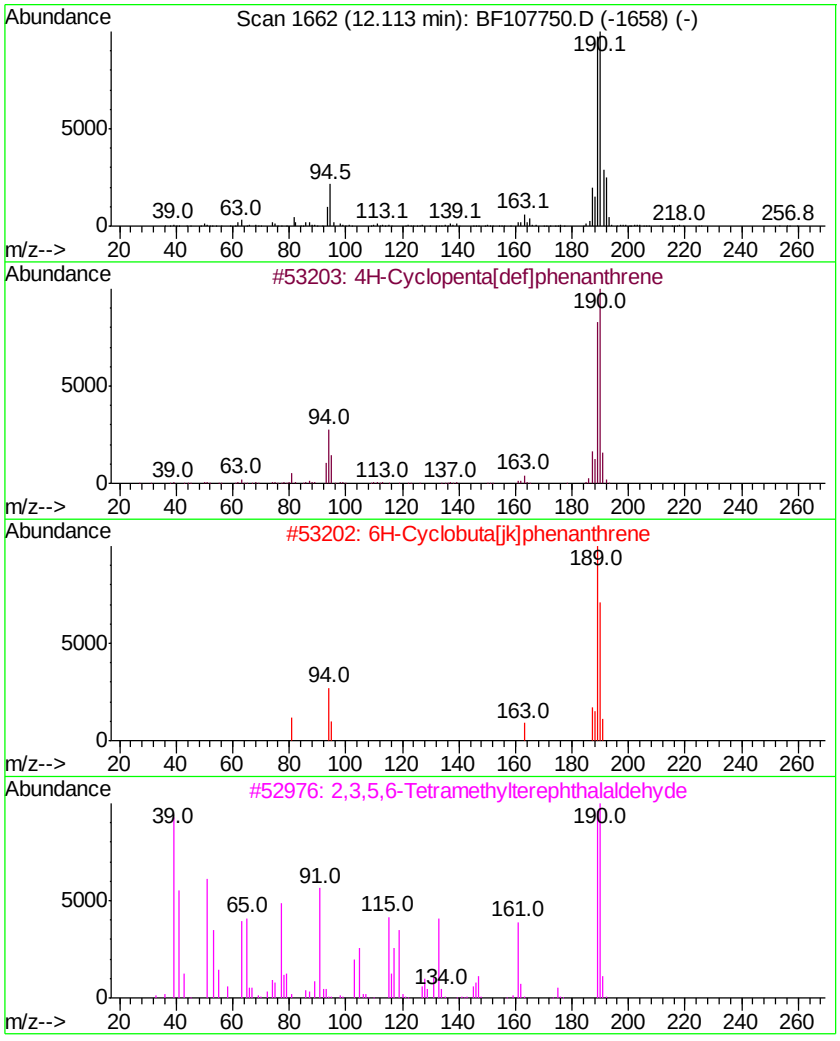
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

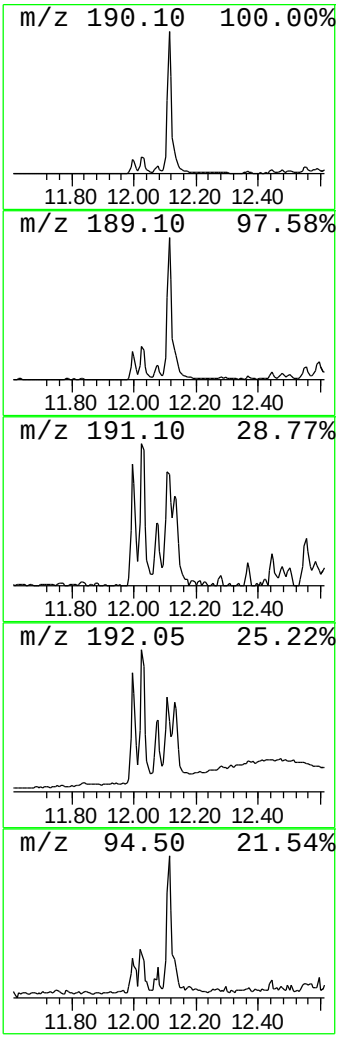
****

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	17.09 ng	895450	Phenanthrene-d10	11.50

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	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

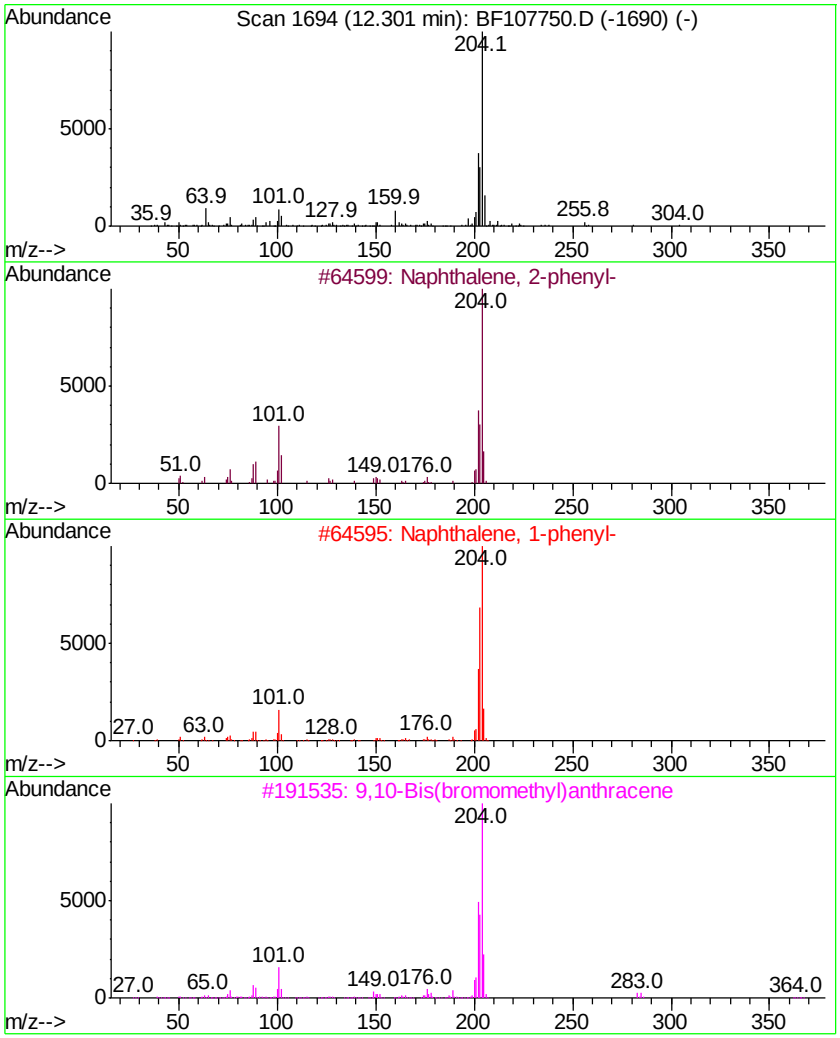
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

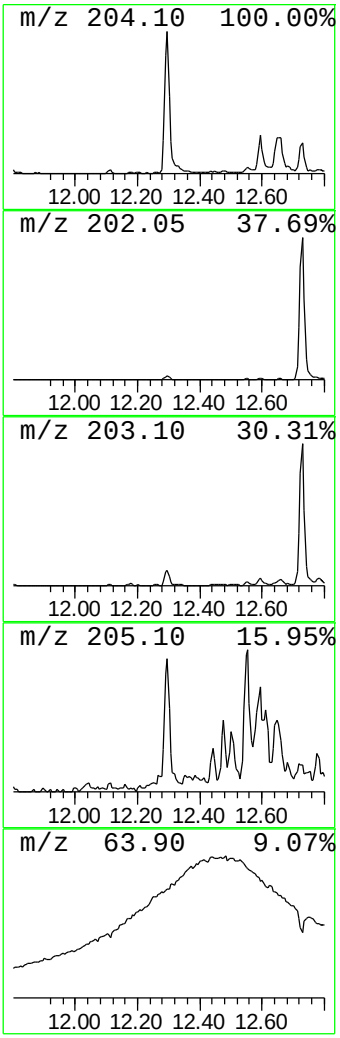
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.79 ng	303527	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

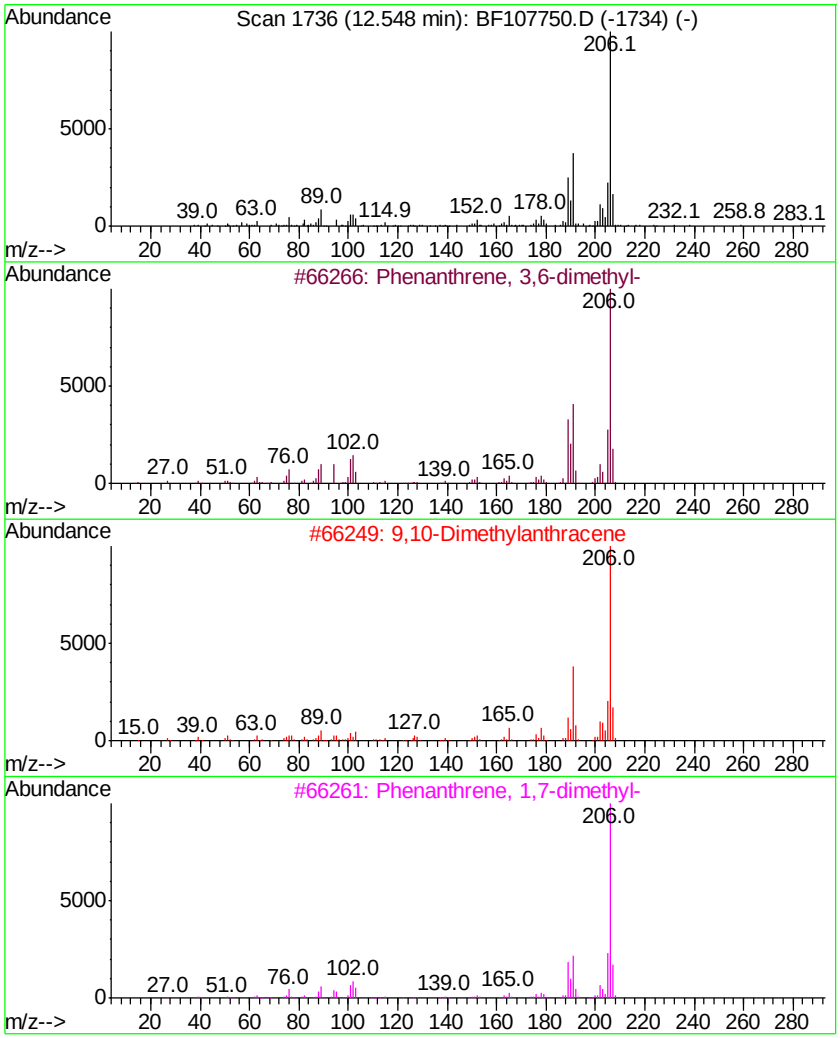
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

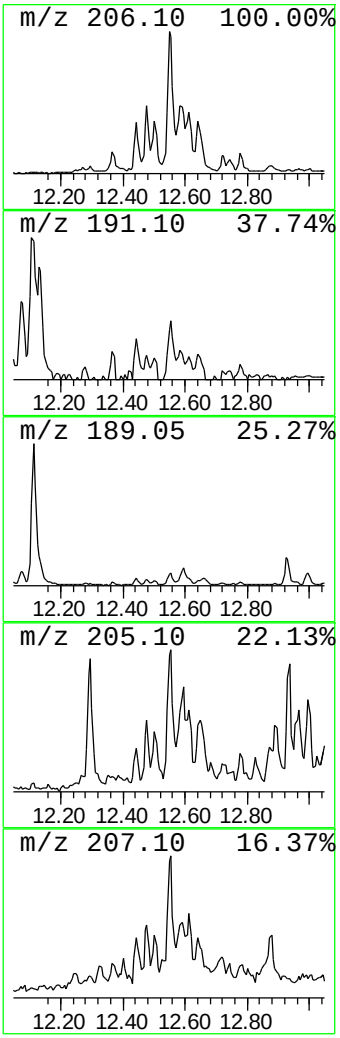
****

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.68 ng	245189	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

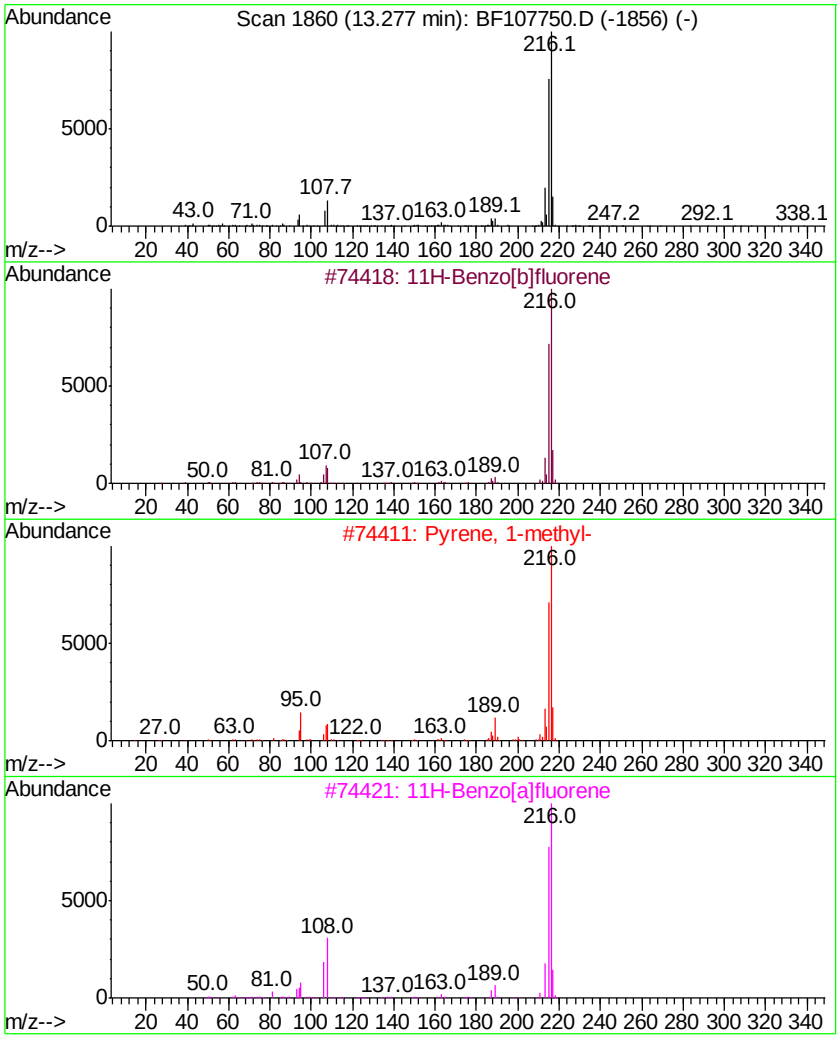
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

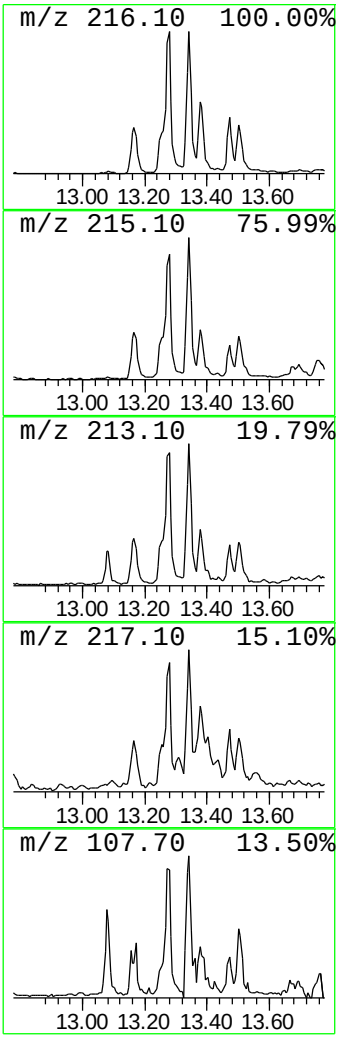
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	4.13 ng	805040	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

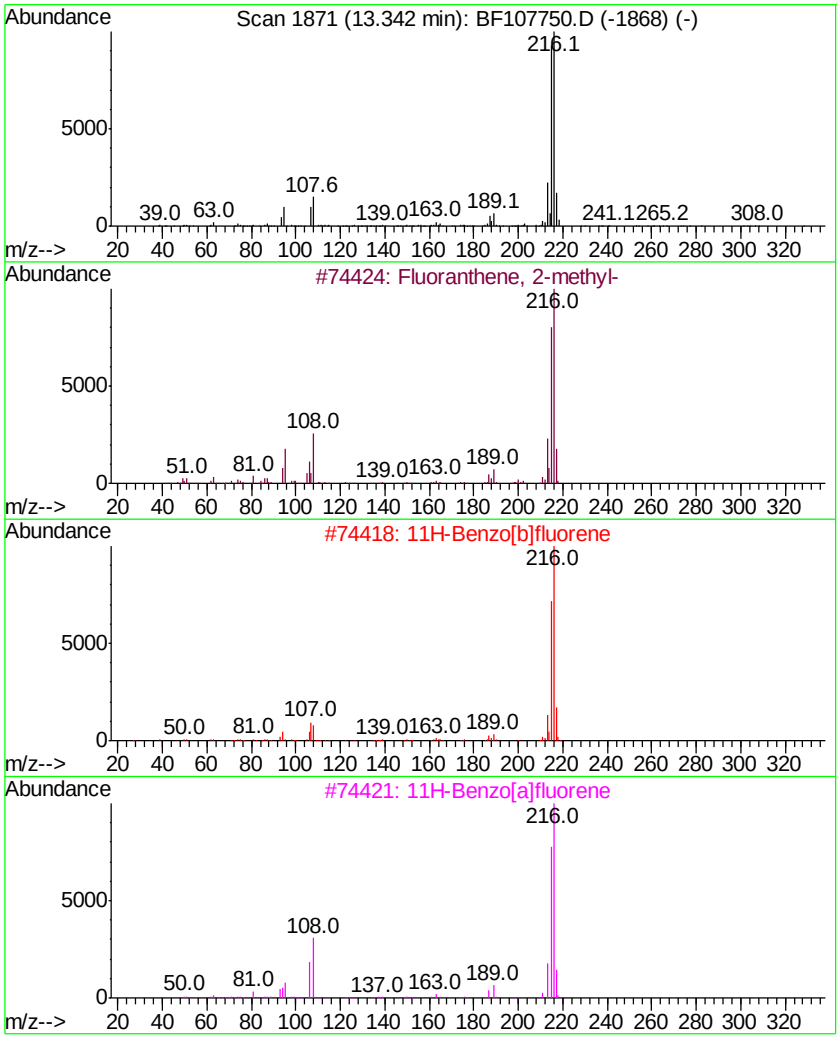
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

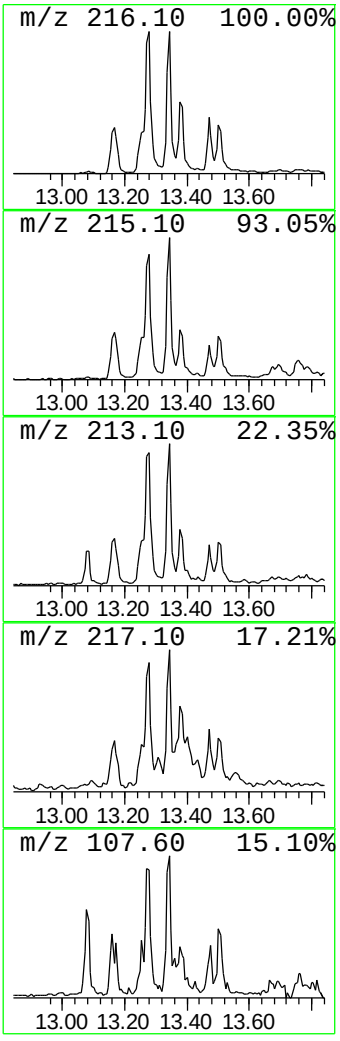
****

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	3.61 ng	703631	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

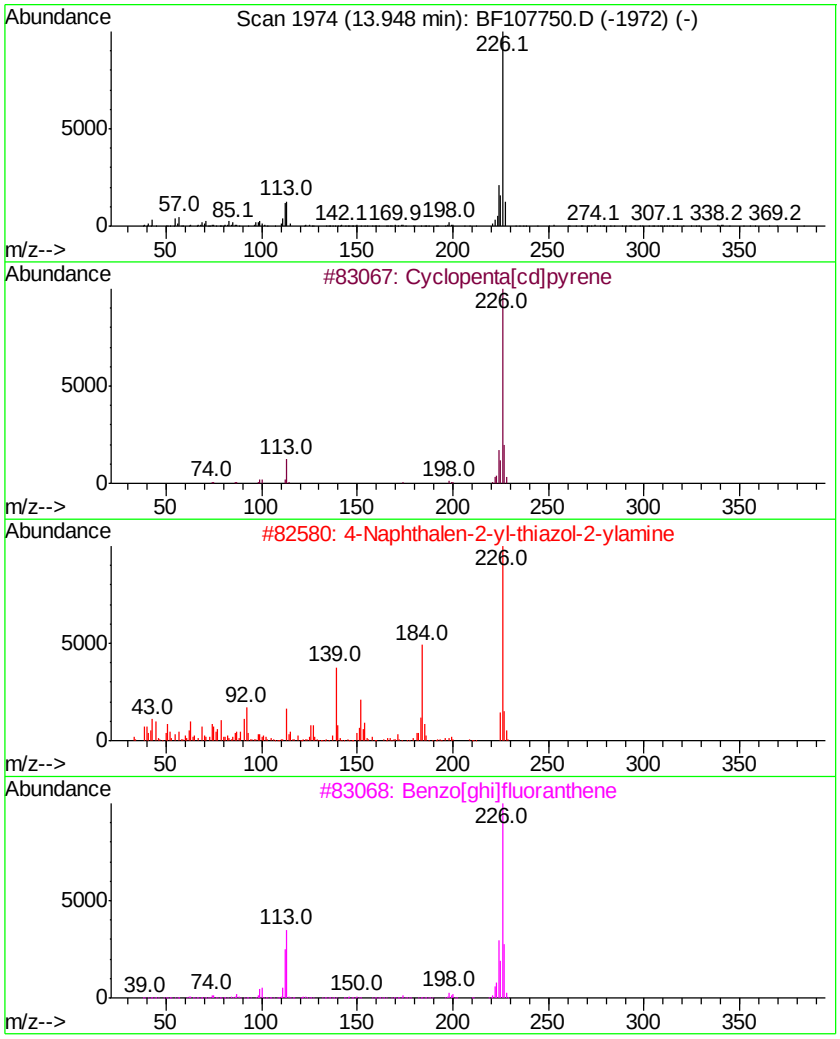
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

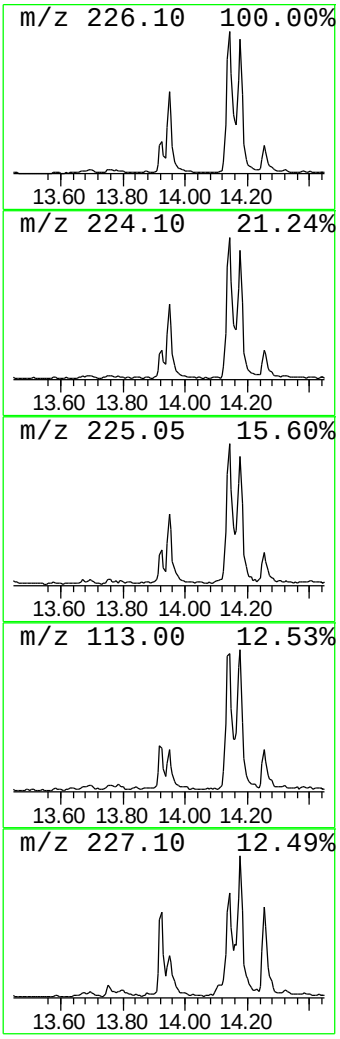
****

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.29 ng	447006	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	53
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

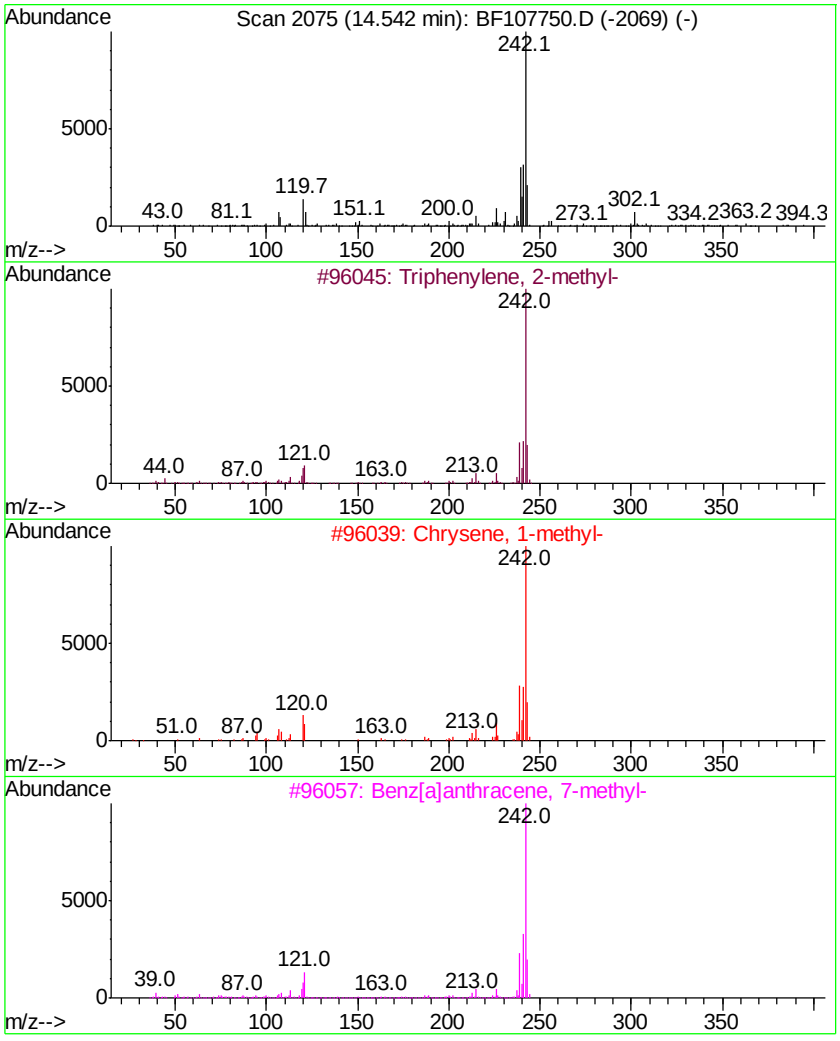
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

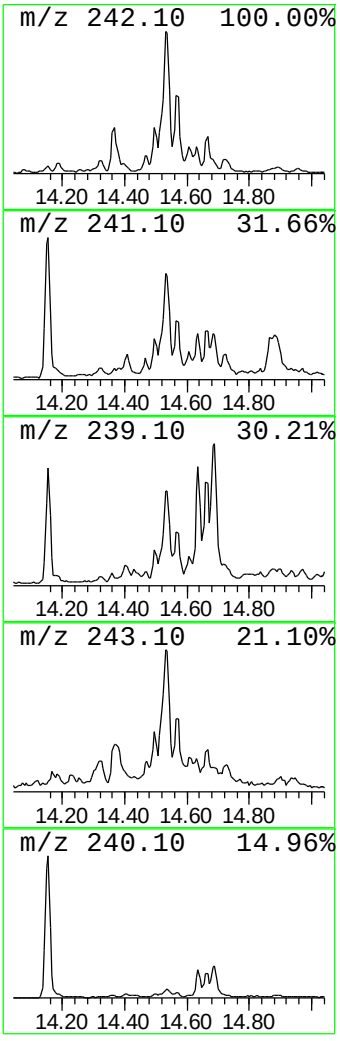
****

Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.29 ng	640688	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	92
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

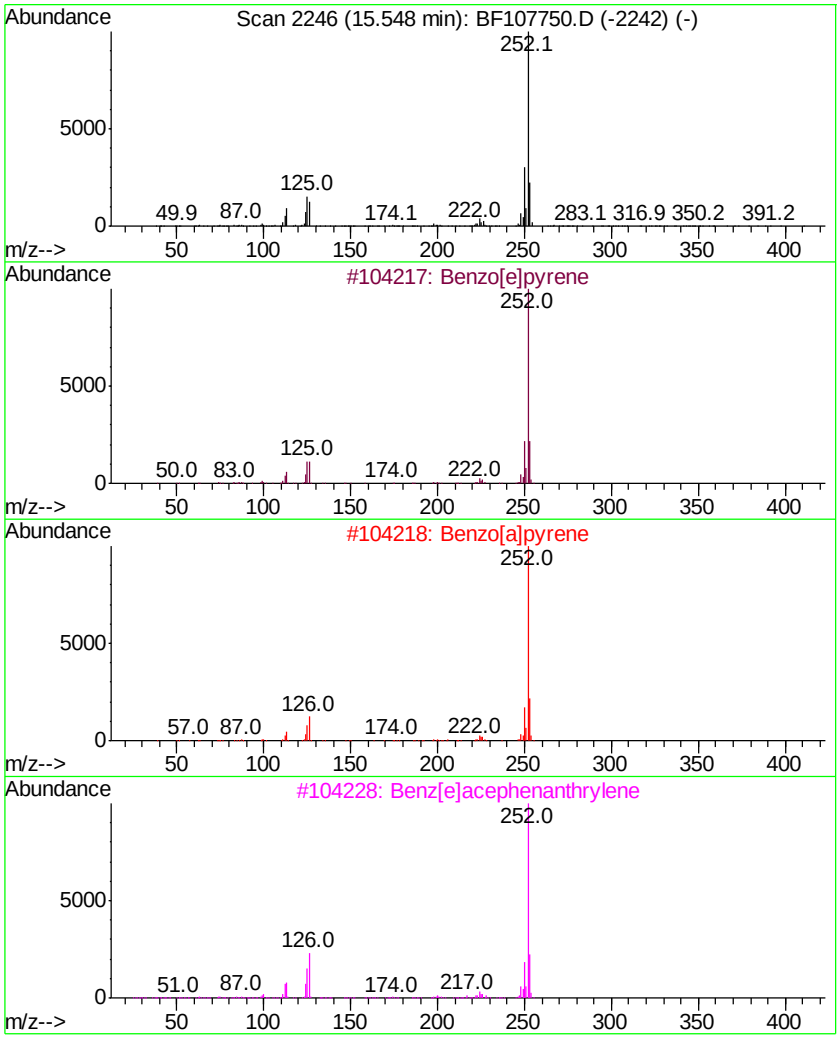
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

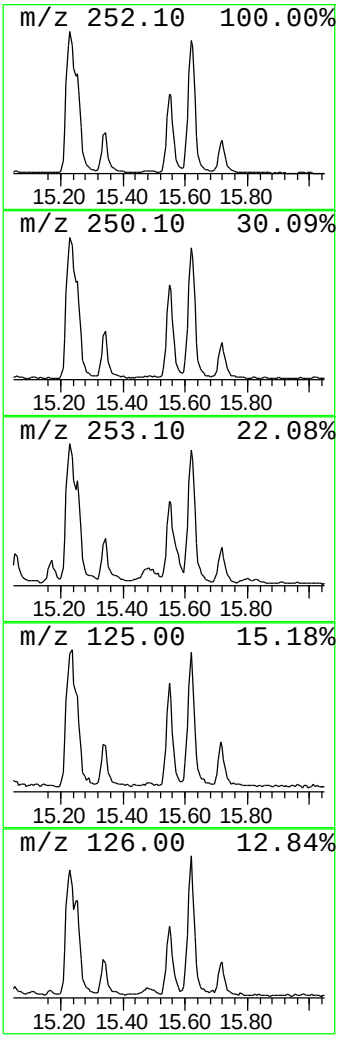
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	37.41 ng	1103220	Perylene-d12	15.68

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

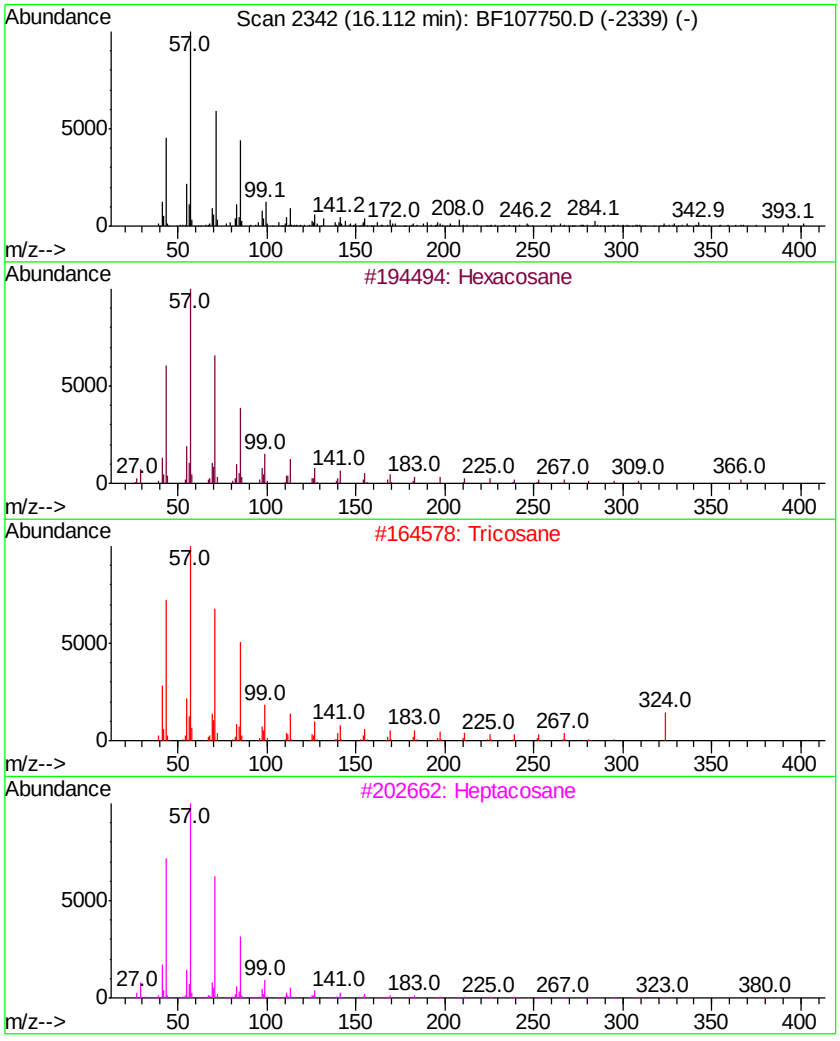
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

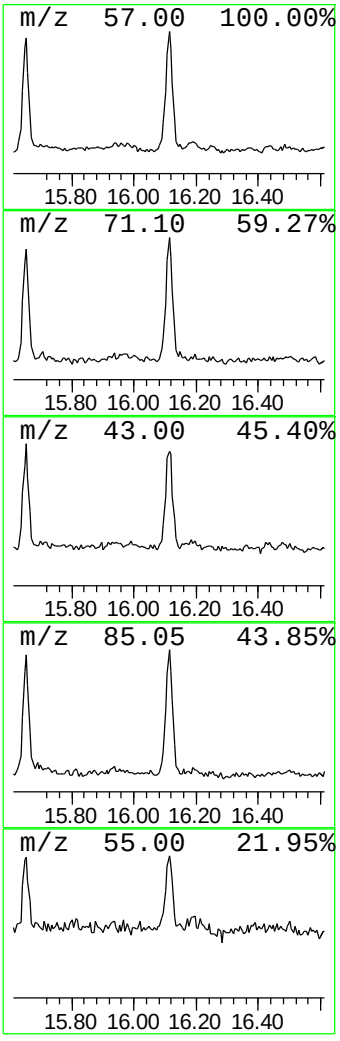
****

Peak Number 19 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	7.02 ng	207036	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	97
2	Tricosane	324	C23H48	000638-67-5	93
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

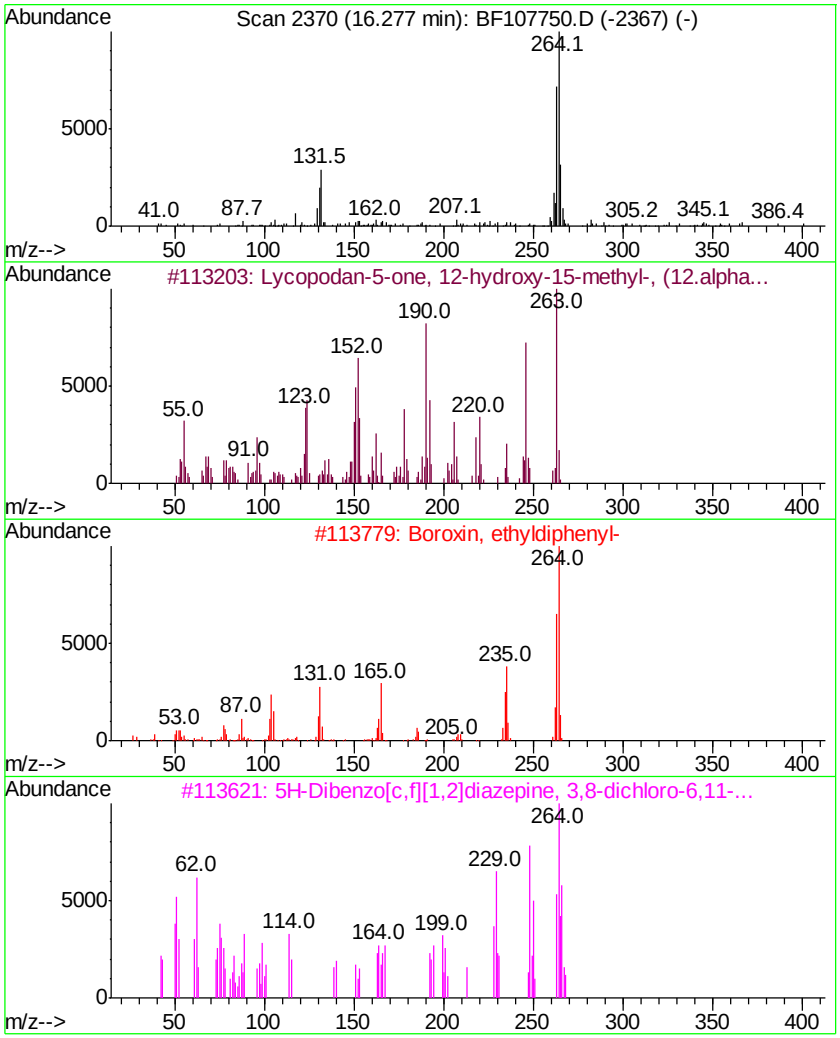
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

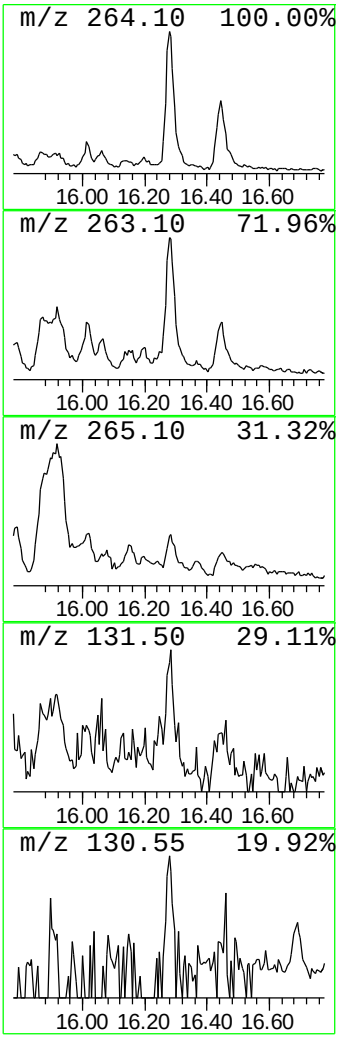
****

Peak Number 20 Lycopodan-5-one, 12-hydroxy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	8.14 ng	239907	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	93
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	45
3	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	38
4	9(10H)-Acridone, 4,5-dichloro-	263	C13H7Cl2NO	1000163-26-5	30
5	Terephthalic acid, decyl 2,2-dic...	402	C20H28Cl2O4	1000356-24-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107750.D
Acq On : 27 Jul 2018 17:13
Operator : JU/SJ
Sample : J4121-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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-Pentanone, 4-hy...	5.20	13.3	ng	611503	1	6.96	920747	20.0
unknown6.74	6.74	81.7	ng	3760280	1	6.96	920747	20.0
9H-Fluorene, 1-me...	11.10	3.3	ng	174973	4	11.50	1047720	20.0
Dibenzothiophene	11.40	4.0	ng	208965	4	11.50	1047720	20.0
Phenanthrene, 1-m...	12.00	11.8	ng	617725	4	11.50	1047720	20.0
Anthracene, 2-met...	12.02	9.3	ng	485265	4	11.50	1047720	20.0
Phenanthrene, 2-m...	12.08	4.0	ng	212248	4	11.50	1047720	20.0
4H-Cyclopenta[def...	12.11	17.1	ng	895450	4	11.50	1047720	20.0
Naphthalene, 2-ph...	12.30	5.8	ng	303527	4	11.50	1047720	20.0
Phenanthrene, 3,6...	12.55	4.7	ng	245189	4	11.50	1047720	20.0
11H-Benzo[b]fluorene	13.28	4.1	ng	805040	5	14.15	3900490	20.0
Fluoranthene, 2-m...	13.34	3.6	ng	703631	5	14.15	3900490	20.0
Cyclopenta[cd]pyrene	13.95	2.3	ng	447006	5	14.15	3900490	20.0
Triphenylene, 2-m...	14.54	3.3	ng	640688	5	14.15	3900490	20.0
Benzo[e]pyrene	15.55	37.4	ng	1103220	6	15.68	589759	20.0
Hexacosane	16.11	7.0	ng	207036	6	15.68	589759	20.0
Lycopodan-5-one, ...	16.28	8.1	ng	239907	6	15.68	589759	20.0