LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

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-BF091020.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	2.116	3	5	10	rVB	240415	249319	7.61%	0.654%
2	5.045	495	503	515	rBV	51719	75939	2.32%	0.199%
3	5.451	567	572	575	rBV	3322737	3051223	93.15%	8.008%
4	6.463	739	744	754	rBV	3093034	3031307	92.54%	7.956%
5	6.657	773	777	782	rBV	40898	51945	1.59%	0.136%
6	6.822	802	805	809	rBV	1126868	879610	26.85%	2.309%
7	7.386	896	901	904	rBV	2217933	2074729	63.34%	5.445%
8	8.104	1017	1023	1025	rBV	1265840	1052480	32.13%	2.762%
9	8.128	1025	1027	1032	rVB	221759	185526	5.66%	0.487%
10	8.816	1141	1144	1148	rVB	78705	59723	1.82%	0.157%
11	8.916	1157	1161	1165	rVB	63653	53037	1.62%	0.139%
12	9.180	1201	1206	1209	rBV	3691672	3275757	100.00%	8.597%
13	9.280	1221	1223	1229	rVB2	46029	48377	1.48%	0.127%
14	9.439	1246	1250	1254	rVB	29809	42089	1.28%	0.110%
15	9.516	1258	1263	1265	rBV	72640	72207	2.20%	0.190%
16	9.569	1269	1272	1277	rVV	274539	266772	8.14%	0.700%
17	9.633	1279	1283	1288	rVB2	36913	47053	1.44%	0.123%
18	9.716	1294	1297	1302	rVB	48437	40818	1.25%	0.107%
19	9.857	1315	1321	1324	rBV	1208733	1017945	31.08%	2.672%
20	9.886	1324	1326	1330	rVB	302853	262286	8.01%	0.688%
21	10.016	1343	1348	1352	rBV3	36532	42888	1.31%	0.113%
22	10.063	1352	1356	1360	rBV	155450	151636	4.63%	0.398%
23	10.263	1386	1390	1392	rBV	31128	36497	1.11%	0.096%
24	10.404	1410	1414	1419	rBV	244069	227054	6.93%	0.596%
25	10.563	1438	1441	1444	rVB	72224	67836	2.07%	0.178%
26	10.645	1447	1455	1462	rBV	1729191	1653395	50.47%	4.339%
27	10.763	1472	1475	1479	rVB2	48647	66413	2.03%	0.174%
28	10.951	1500	1507	1510	rBV4	61678	101618	3.10%	0.267%
29	11.080	1523	1529	1530	rBV3	36538	46598	1.42%	0.122%
30	11.145	1537	1540	1544	rVB2	53832	53758	1.64%	0.141%
31	11.192	1544	1548	1549	rBV2	49000	57855	1.77%	0.152%
32	11.239	1553	1556	1561	rVB	106295	108361	3.31%	0.284%
33	11.339	1568	1573	1575	rBV	922382	875909	26.74%	2.299%
34	11.363	1575	1577	1581	rVV	1417106	1249788	38.15%	3.280%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.416	1581	1586	1589	rVV	485888	413111	12.61%	1.084%
36	11.451	1589	1592	1595	rVV	66317	66372	2.03%	0.174%
37	11.569	1606	1612	1615	rBV2	138542	169095	5.16%	0.444%
38	11.633	1621	1623	1627	rBV2	63926	59166	1.81%	0.155%
39	11.839	1653	1658	1661	rBV	151144	162963	4.97%	0.428%
40	11.869	1661	1663	1668	rVB	406151	315714	9.64%	0.829%
41	11.916	1668	1671	1674	rBV	114602	96392	2.94%	0.253%
42	11.957	1674	1678	1680	rBV	272850	312372	9.54%	0.820%
43	12.045	1691	1693	1696	rVB	45130	35864	1.09%	0.094%
44	12.139	1704	1709	1711	rBV	122047	127140	3.88%	0.334%
45	12.157	1711	1712	1715	rVB	55938	43608	1.33%	0.114%
46	12.286	1729	1734	1737	rBV	76671	91083	2.78%	0.239%
47	12.392	1749	1752	1754	rBV	89604	87901	2.68%	0.231%
48	12.433	1755	1759	1763	rVB3	83974	118629	3.62%	0.311%
49	12.474	1763	1766	1772	rVB2	69636	71109	2.17%	0.187%
50	12.557	1776	1780	1782	rBV	1947671	1735059	52.97%	4.554%
51	12.580	1782	1784	1788	rVB2	277894	243905	7.45%	0.640%
52	12.704	1802	1805	1808	rVB2	67901	59781	1.82%	0.157%
53	12.780	1813	1818	1824	rBV	1569705	1849585	56.46%	4.854%
54	12.827	1824	1826	1832	rVB3	77944	97088	2.96%	0.255%
55	12.898	1835	1838	1839	rBV	112875	102827	3.14%	0.270%
56	12.927	1839	1843	1846	rBV	2896881	2451831	74.85%	6.435%
57	12.998	1851	1855	1859	rBV2	111928	193221	5.90%	0.507%
58	13.086	1867	1870	1871	rBV3	73376	83484	2.55%	0.219%
59	13.110	1871	1874	1878	rVB2	275023	258785	7.90%	0.679%
60	13.174	1883	1885	1888	rVB	213966	164820	5.03%	0.433%
61	13.210	1888	1891	1894	rBV2	168584	177616	5.42%	0.466%
62	13.304	1905	1907	1910	rBV	96680	75602	2.31%	0.198%
63	13.333	1910	1912	1916	rBV2	105851	109765	3.35%	0.288%
64	13.504	1938	1941	1945	rBV7	77118	149560	4.57%	0.393%
65	13.757	1981	1984	1986	rBV	121539	86764	2.65%	0.228%
66	13.845	1996	1999	2006	rVB	217089	332272	10.14%	0.872%
67	13.974	2017	2021	2024	rBV2	1294392	1803507	55.06%	4.733%
68	14.004	2024	2026	2029	rVB	811488	611698	18.67%	1.605%
69	14.086	2037	2040	2045	rVB	190289	173604	5.30%	0.456%
70	15.015	2194	2198	2201	rBV	817763	1265258	38.62%	3.321%
71	15.315	2245	2249	2254	rVB	571057	762788	23.29%	2.002%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.374	2255	2259	2265	rBV	786636	976759	29.82%	2.564%
73	15.439	2266	2270	2273	rBV	748873	924283	28.22%	2.426%
74	16.886	2512	2516	2524	rVB2	367632	663845	20.27%	1.742%

Sum of corrected areas: 38101974

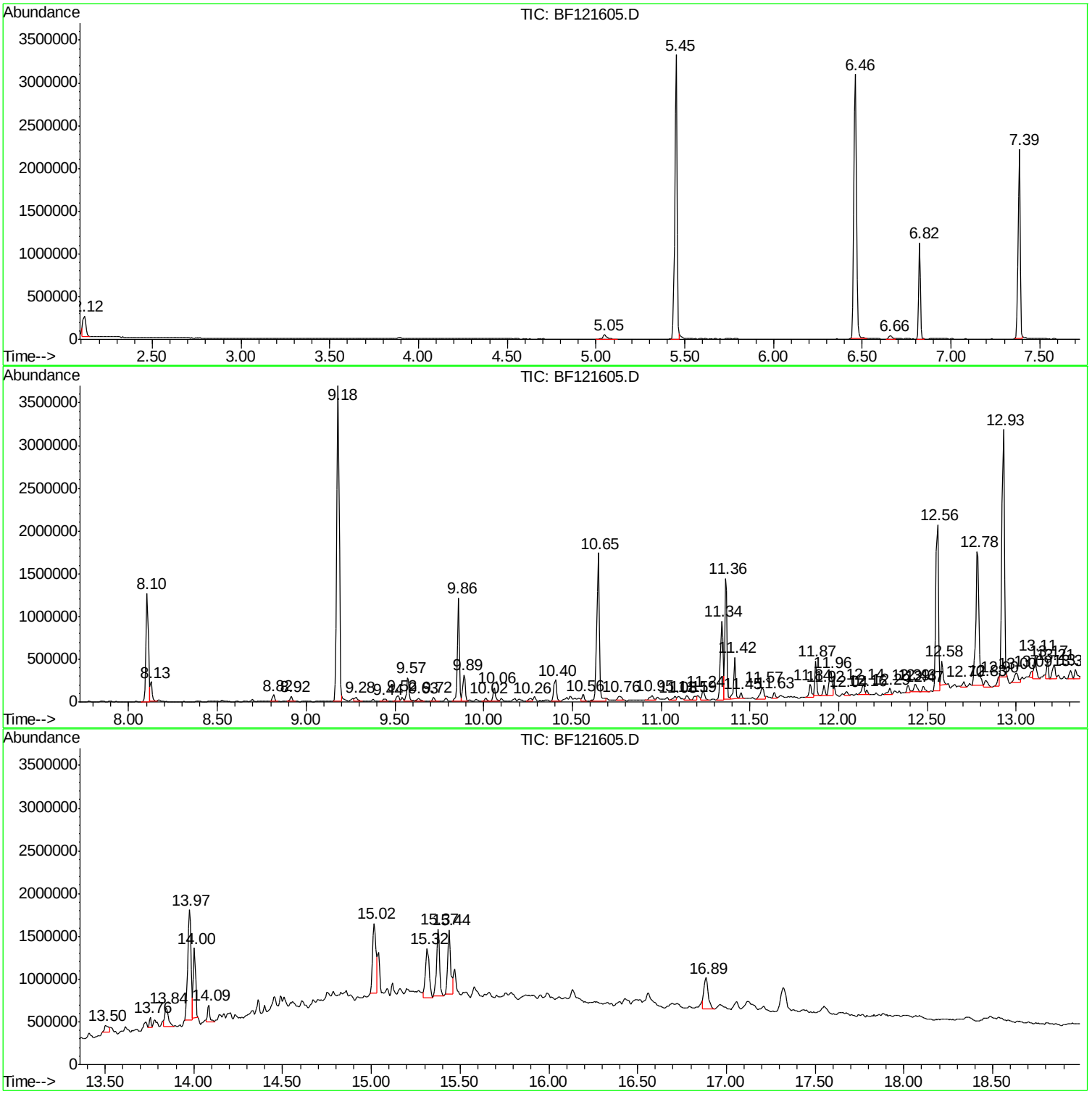
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

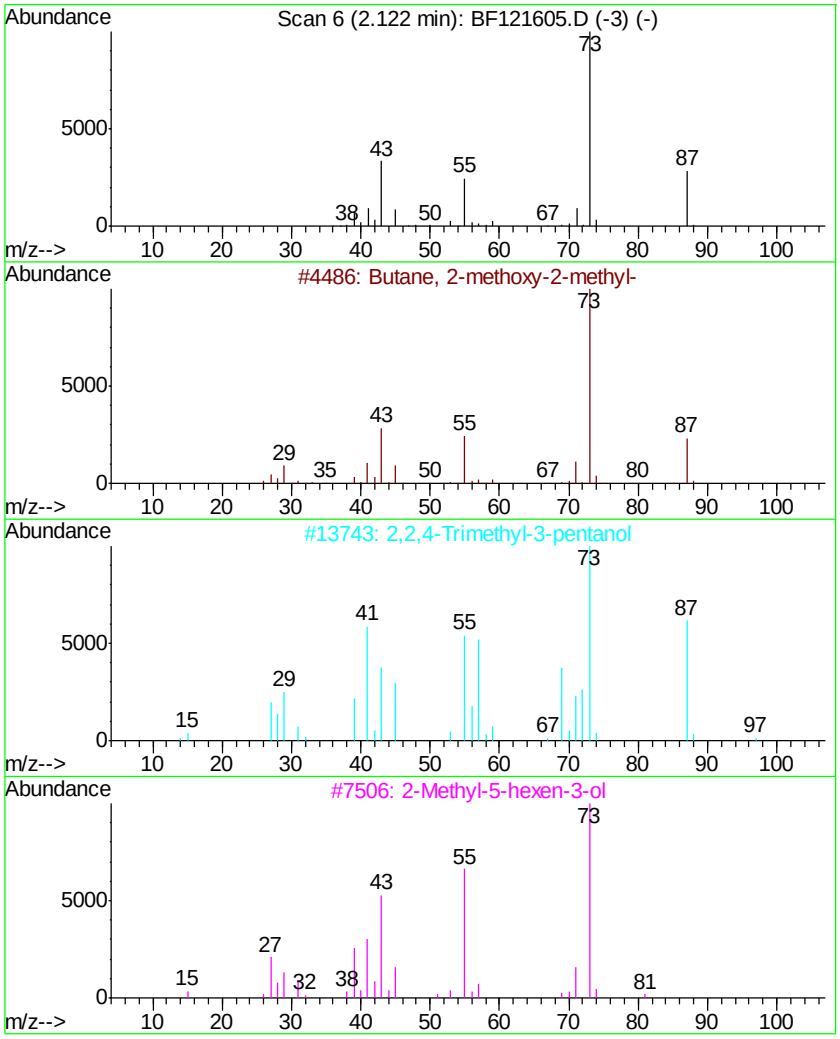
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

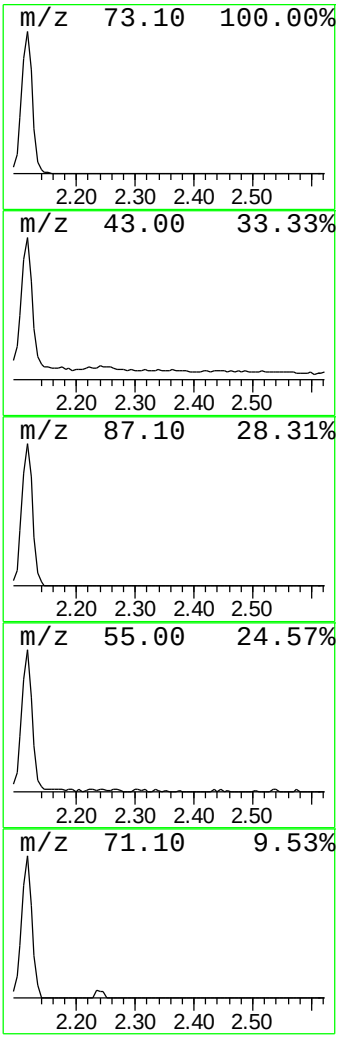
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	5.67 ng	249319	1,4-Dichlorobenzene-d4	6.82

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	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

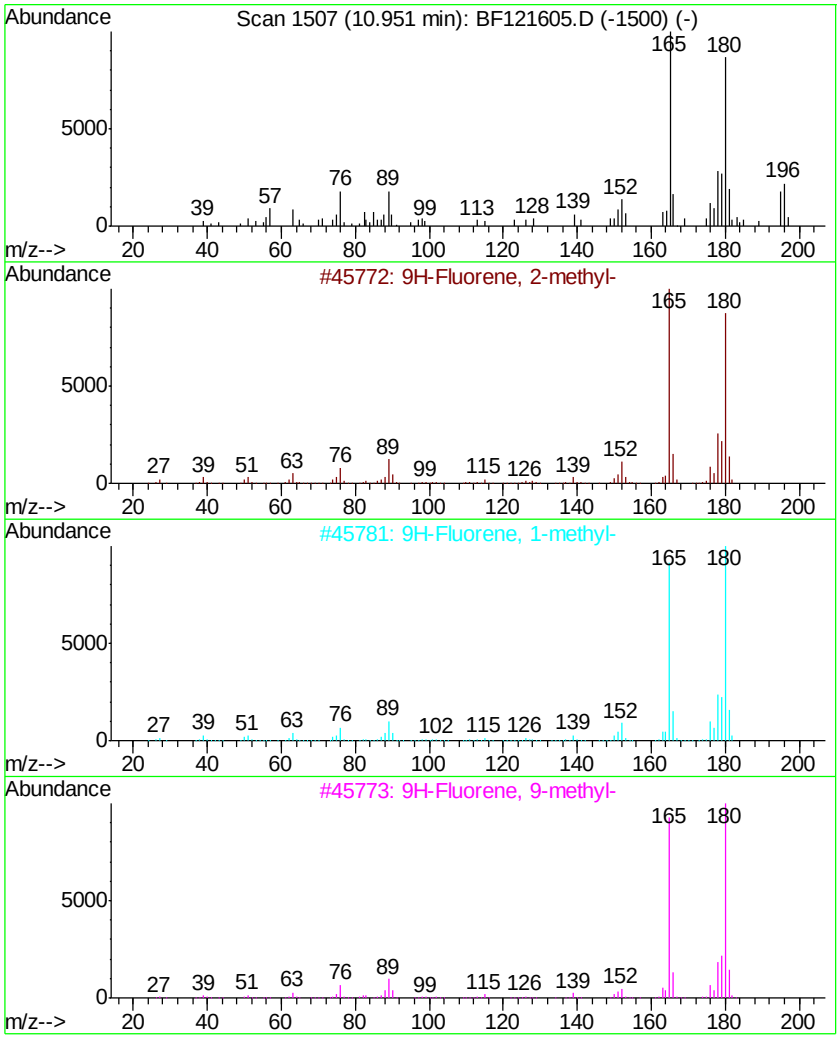
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

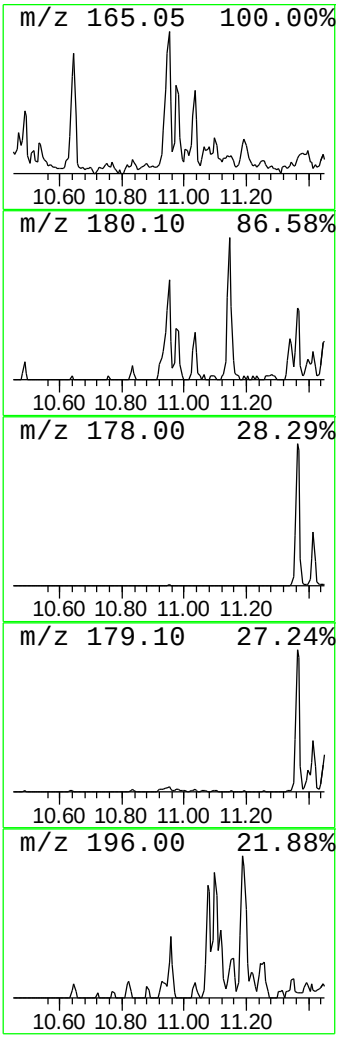
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.32 ng	101618	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

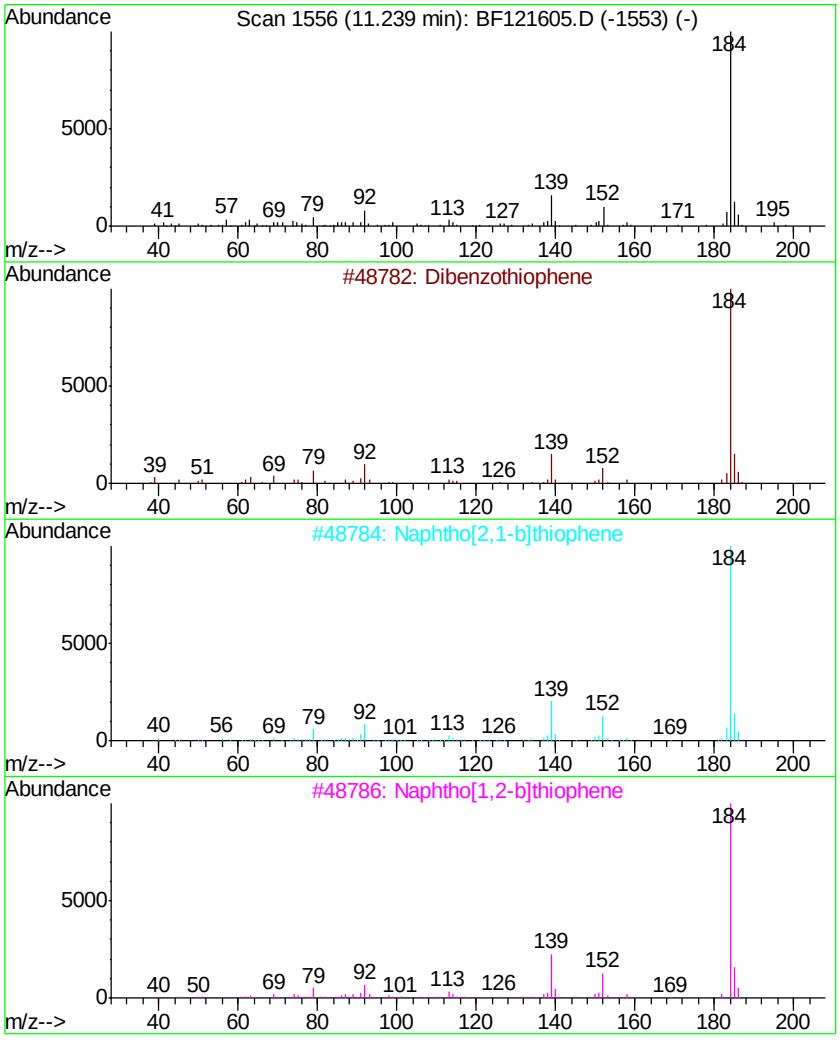
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

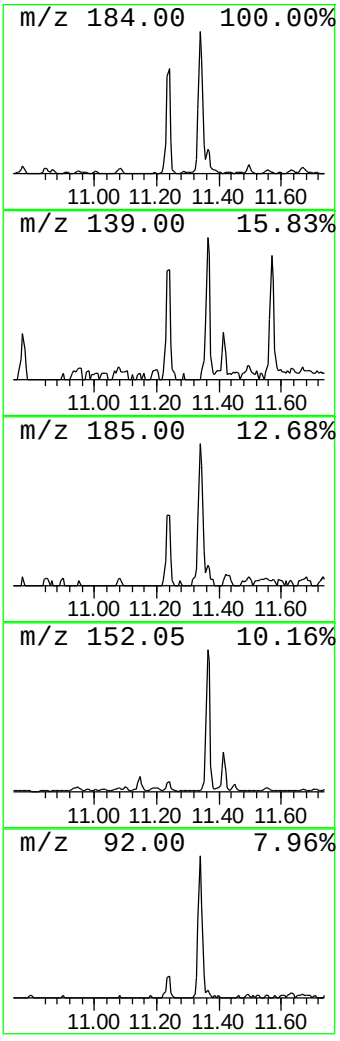
****

Peak Number 3 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.47 ng	108361	Phenanthrene-d10	11.34

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

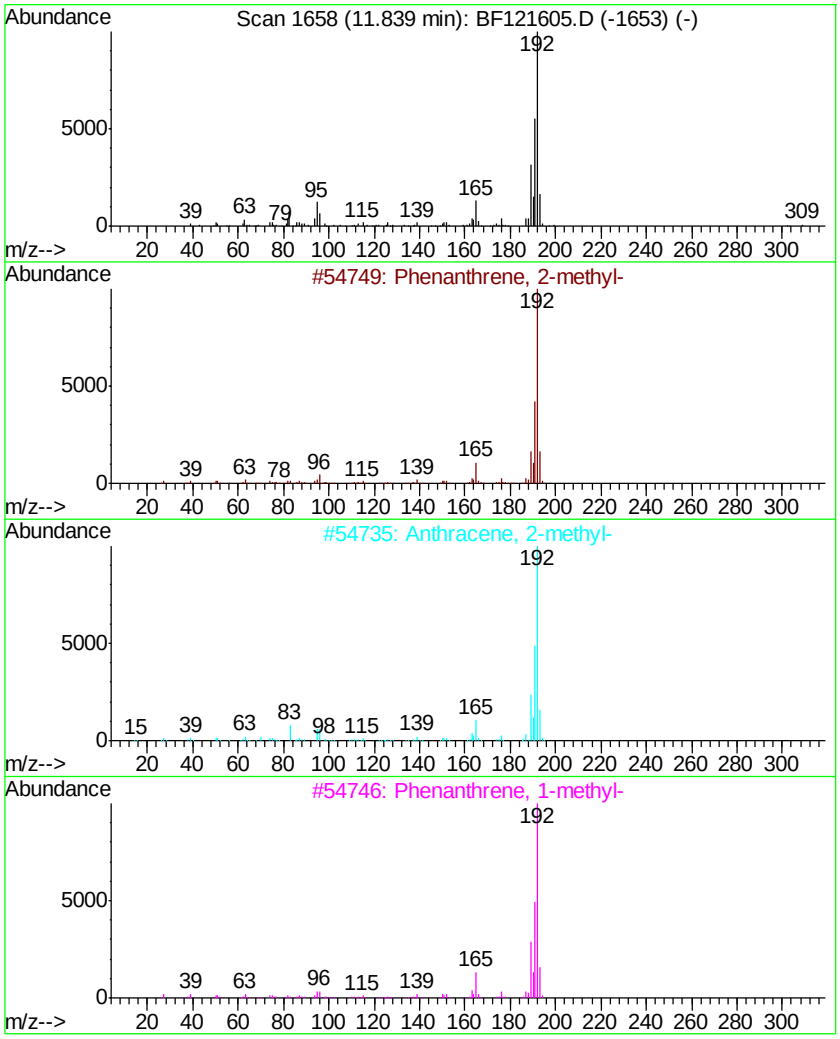
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

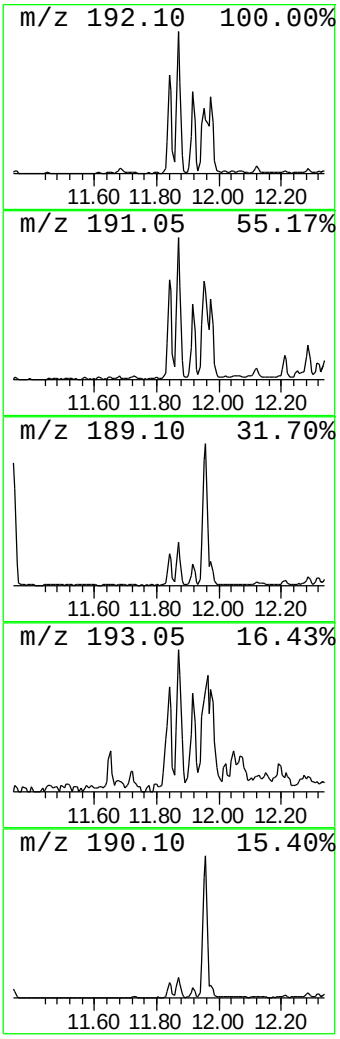
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.72 ng	162963	Phenanthrene-d10	11.34

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

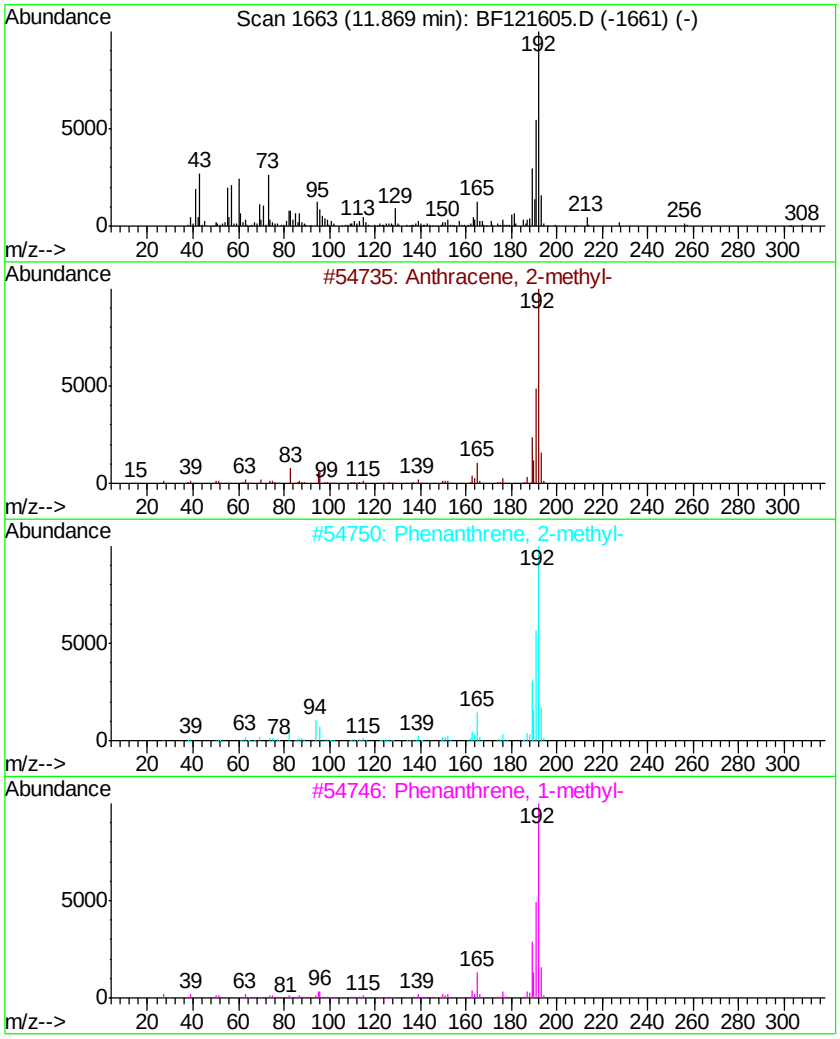
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

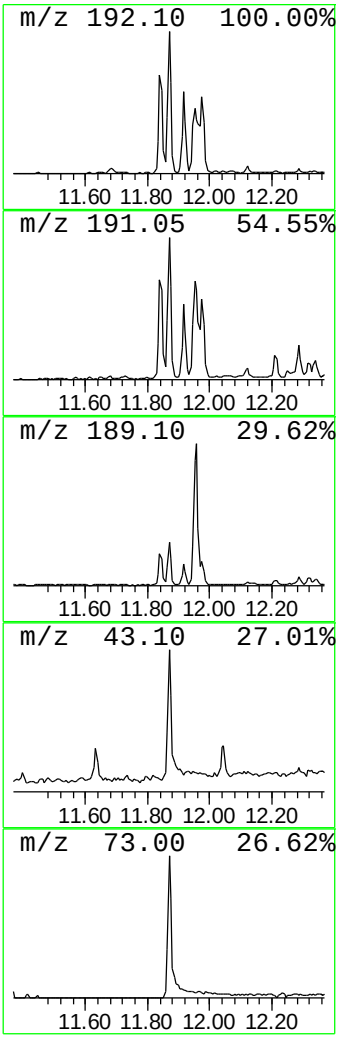
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.21 ng	315714	Phenanthrene-d10	11.34

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

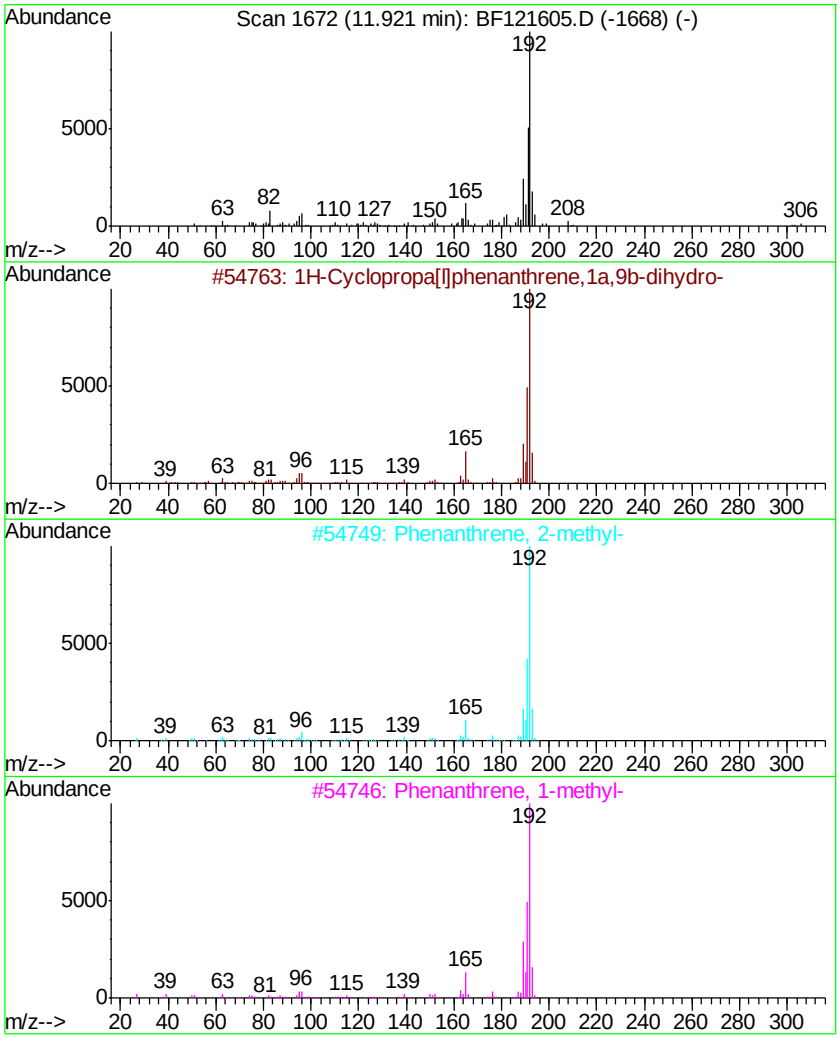
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

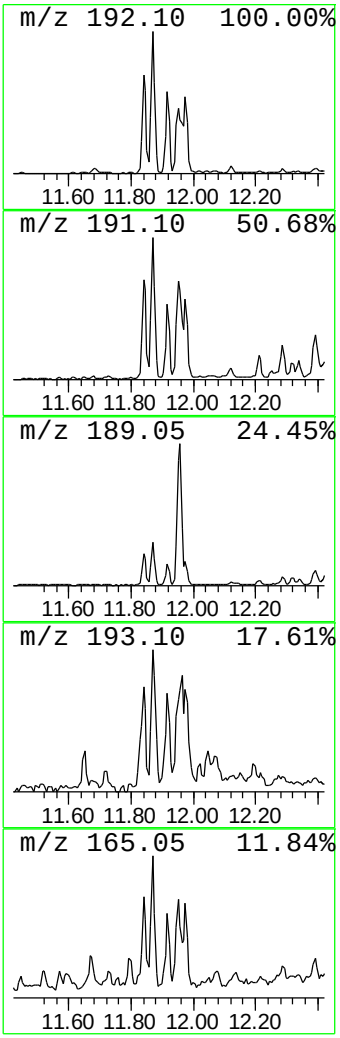
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.20 ng	96392	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

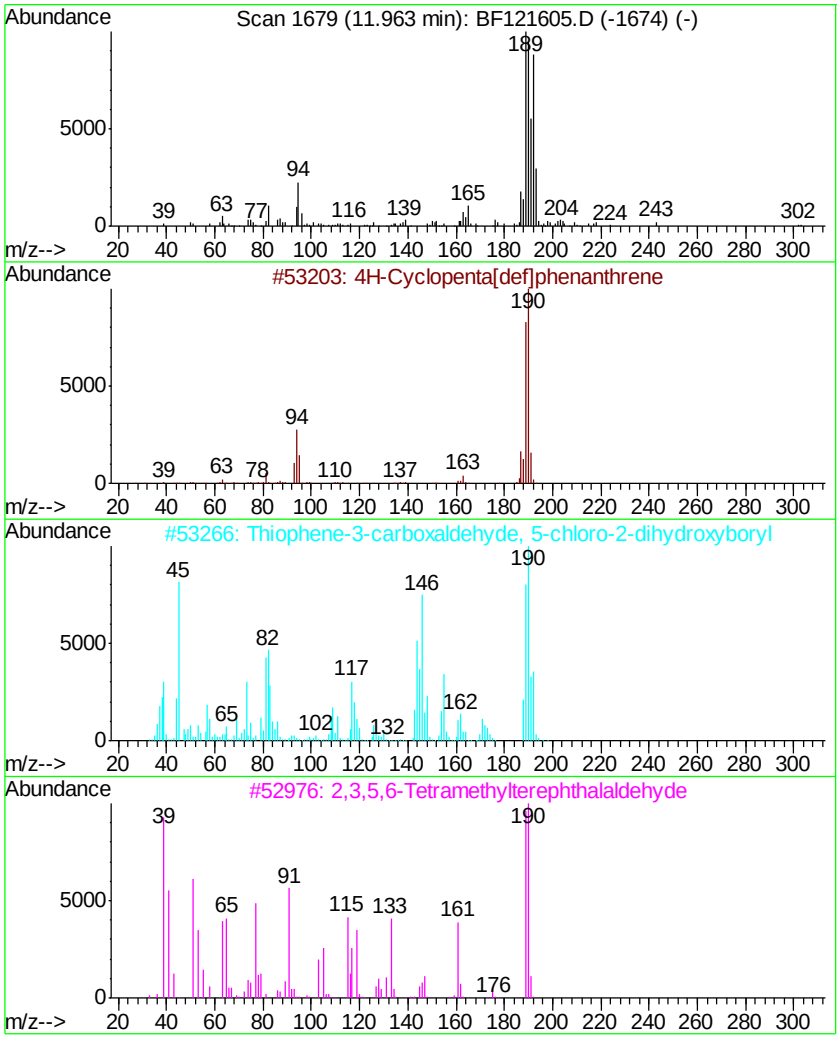
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

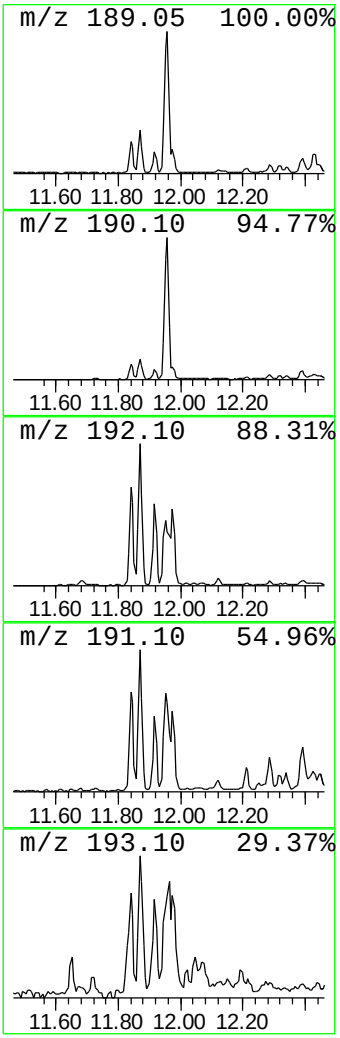
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	7.13 ng	312372	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





Library Search Compound Report

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Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

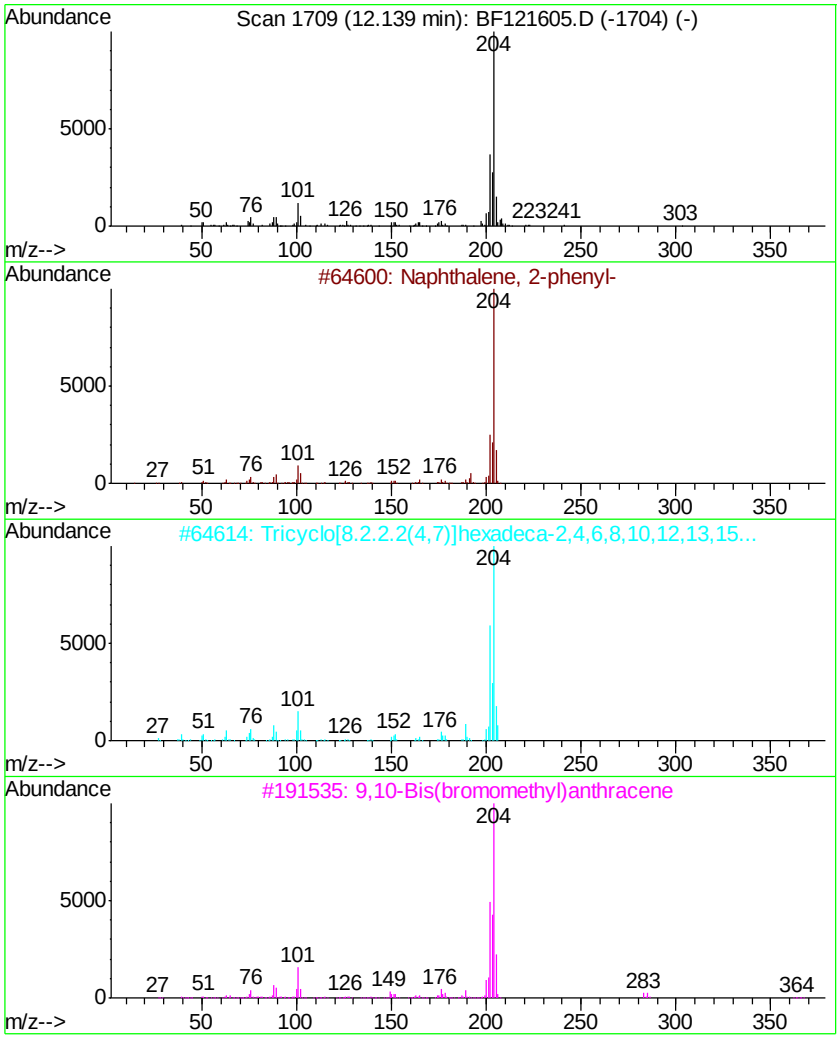
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

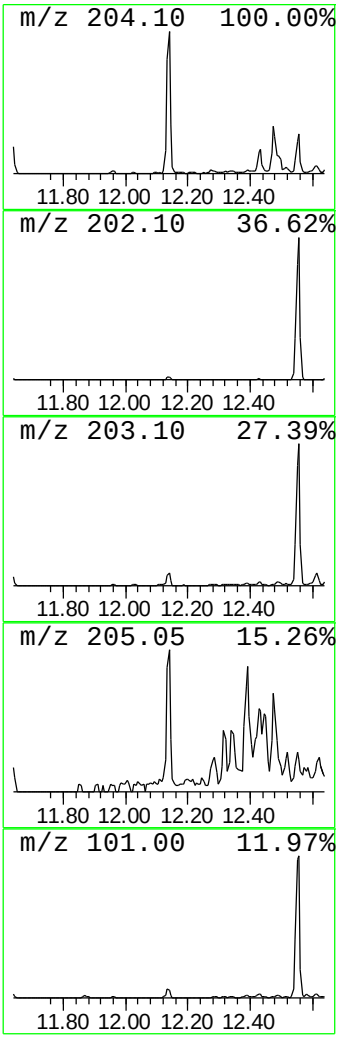
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.90 ng	127140	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	58





Library Search Compound Report

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Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

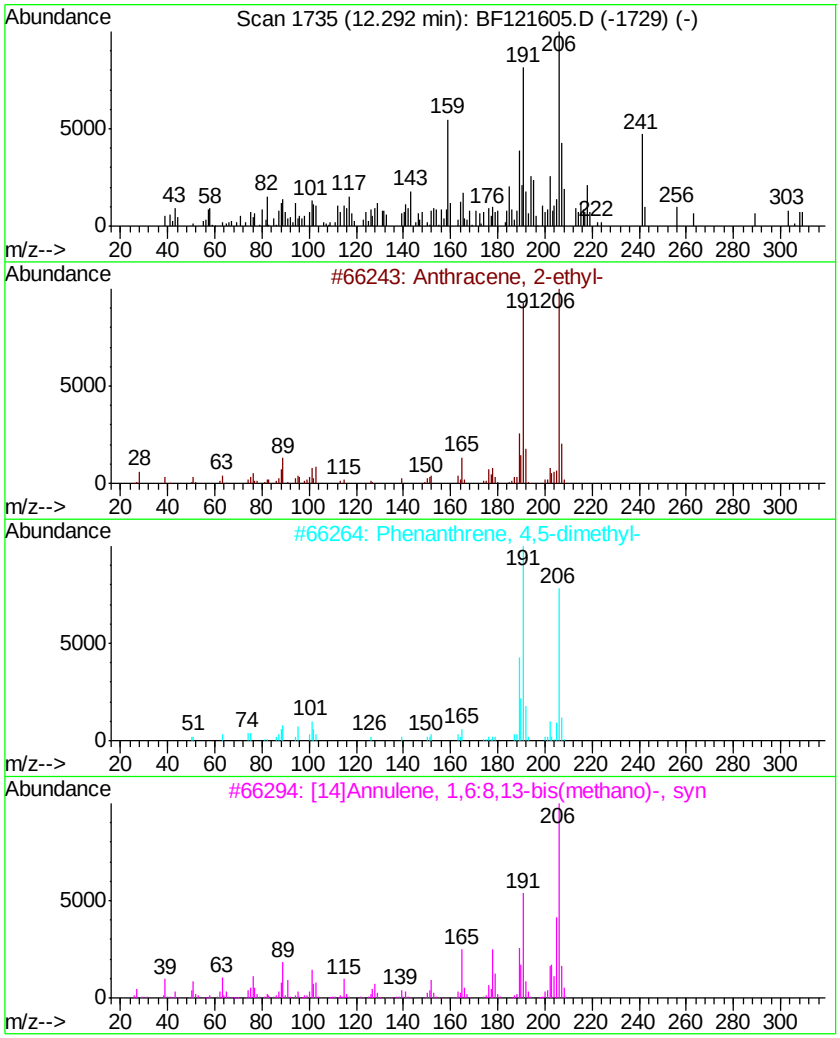
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

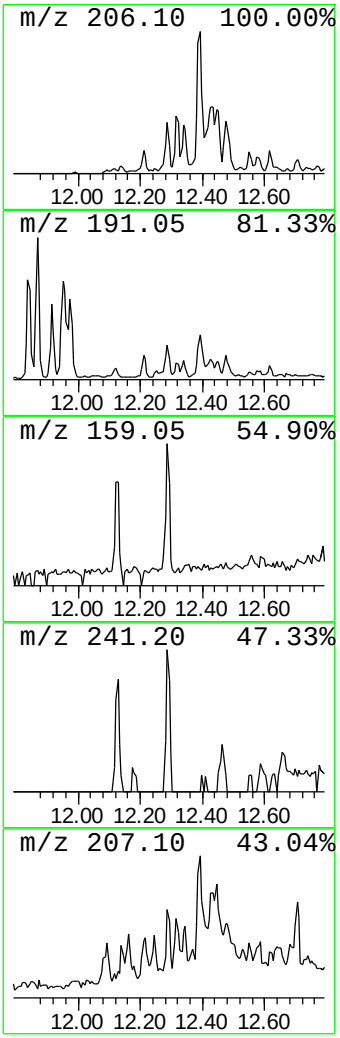
****

Peak Number 9 Anthracene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.08 ng	91083	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	86
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	62
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	60
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	60





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Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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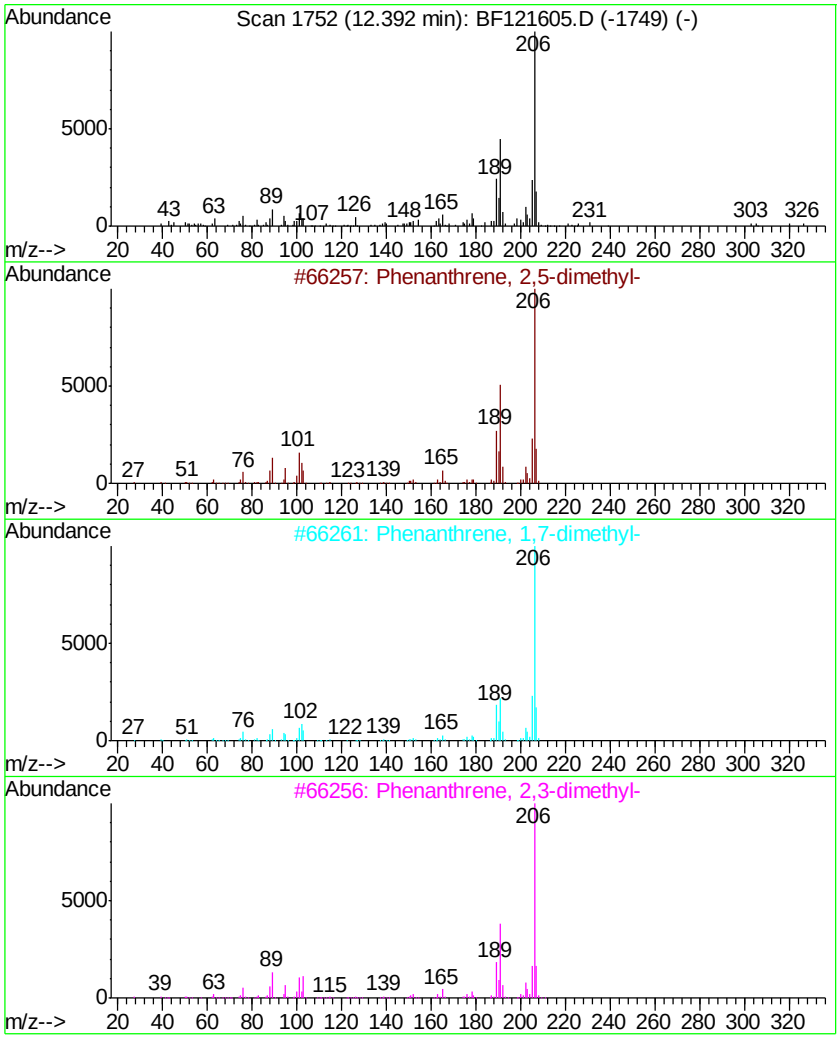
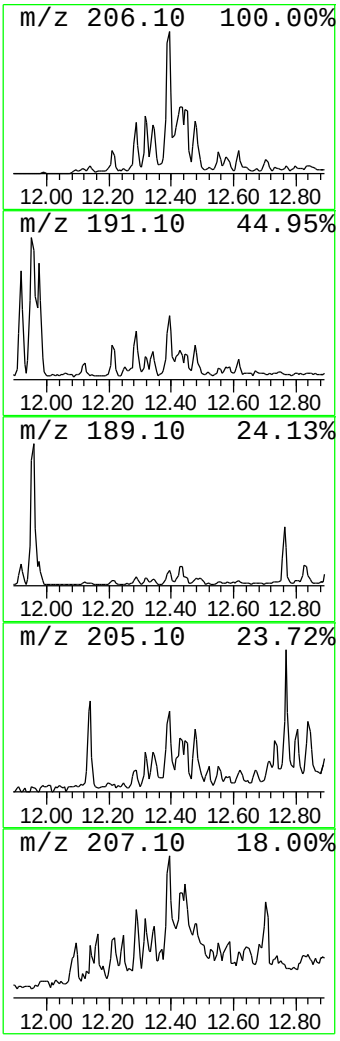
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.01 ng	87901	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Library Search Compound Report

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Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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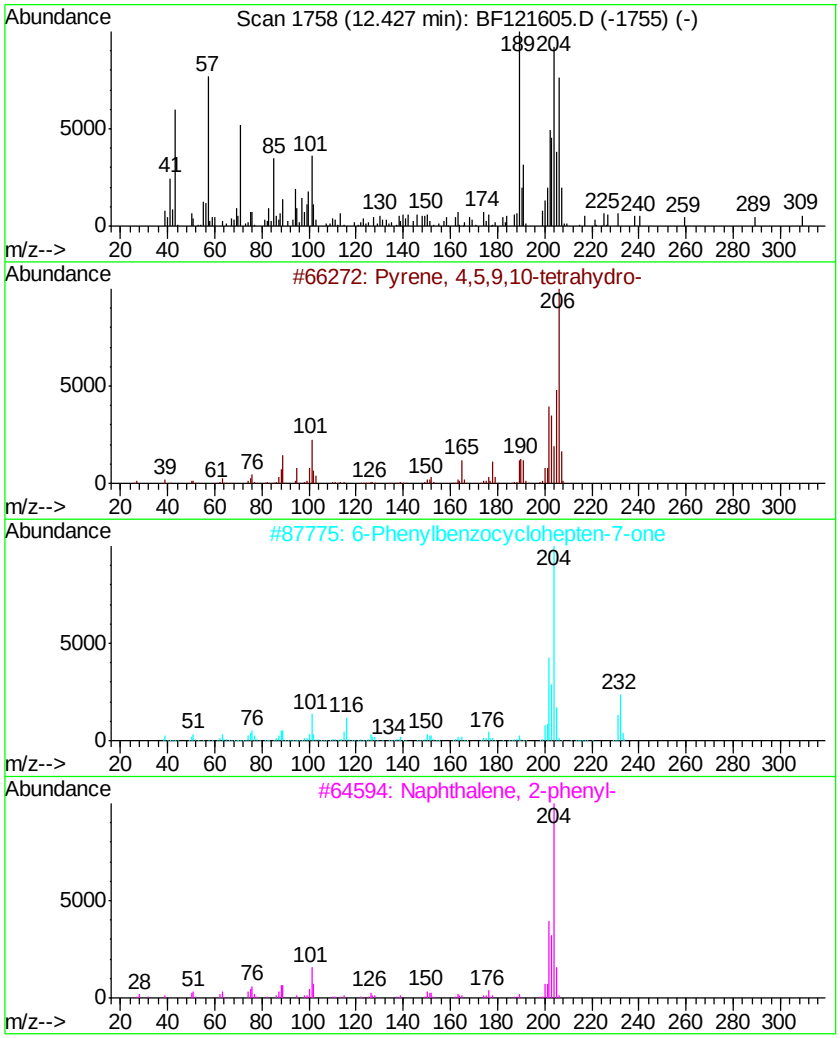
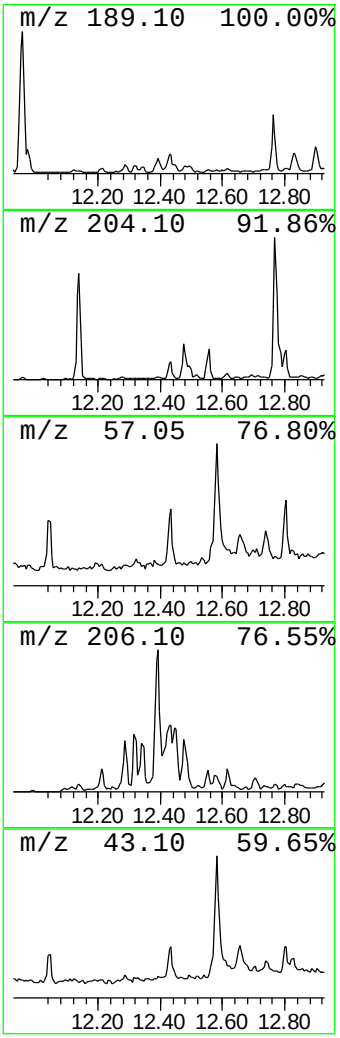
Peak Number 11 unknown12.43 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.71 ng	118629	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	43
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	30
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	27
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	20





Library Search Compound Report

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Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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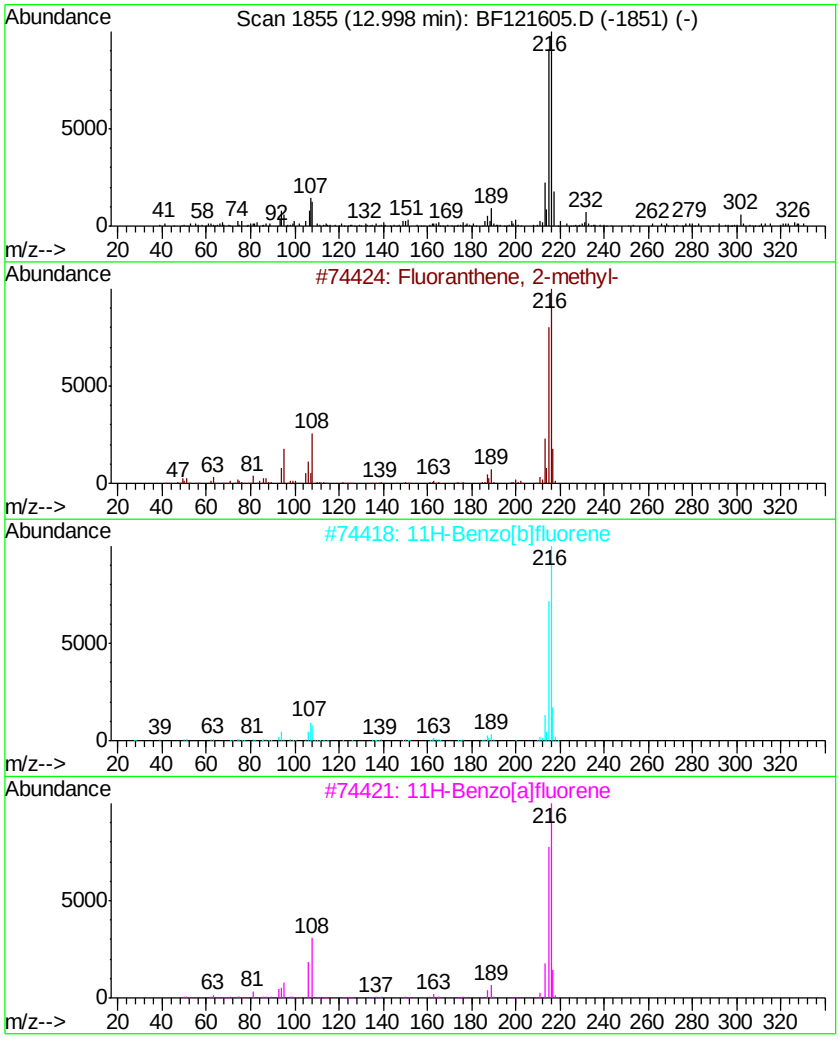
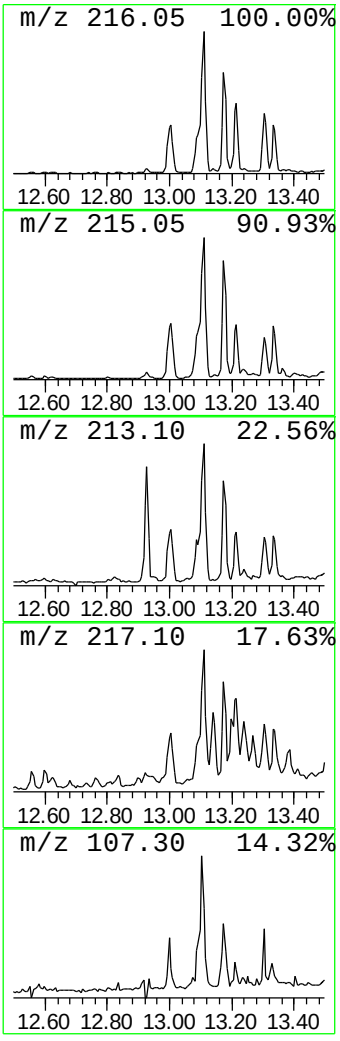
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.14 ng	193221	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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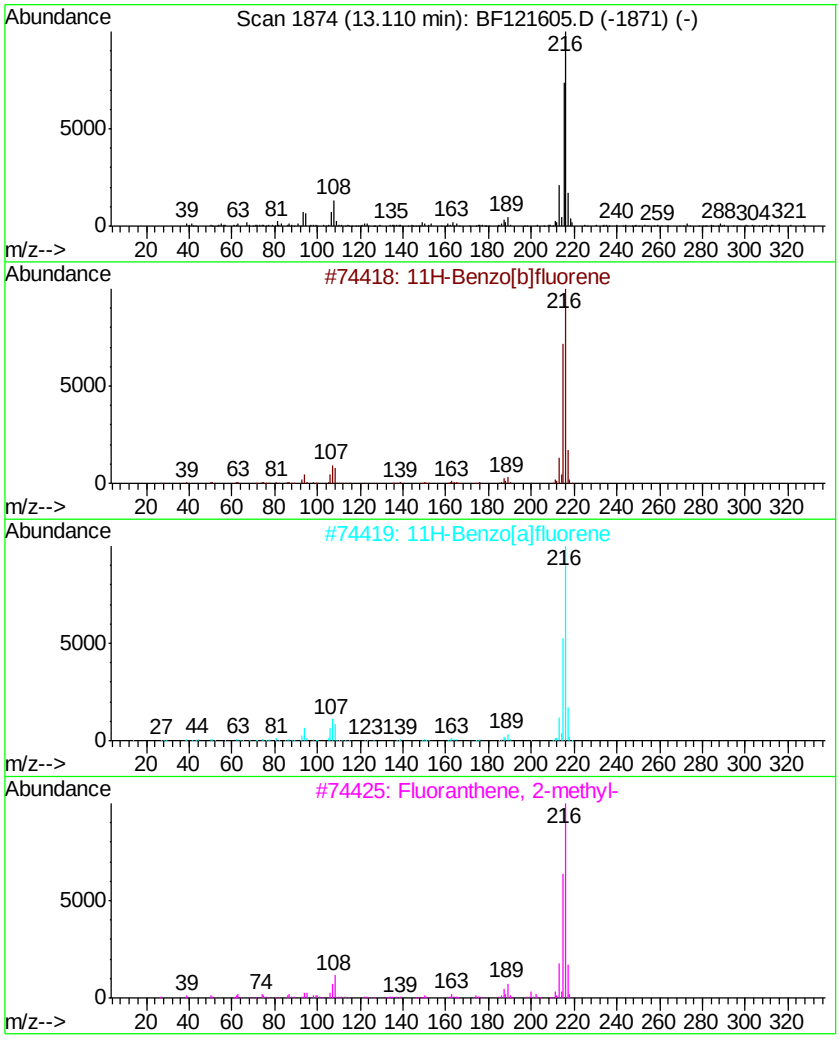
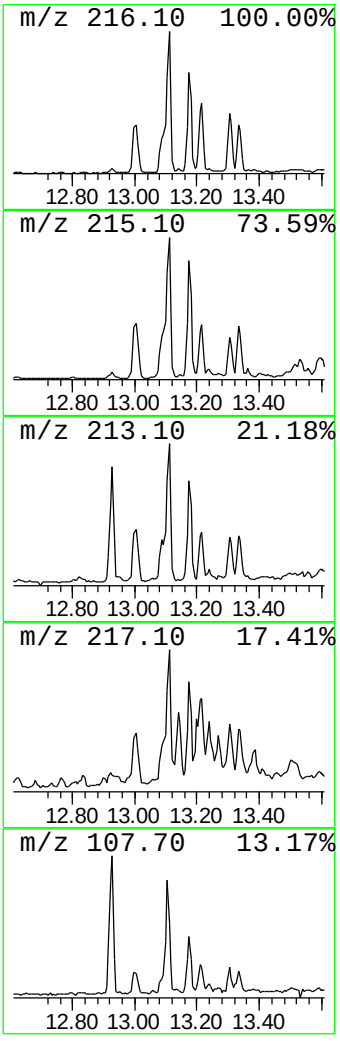
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.87 ng	258785	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Library Search Compound Report

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Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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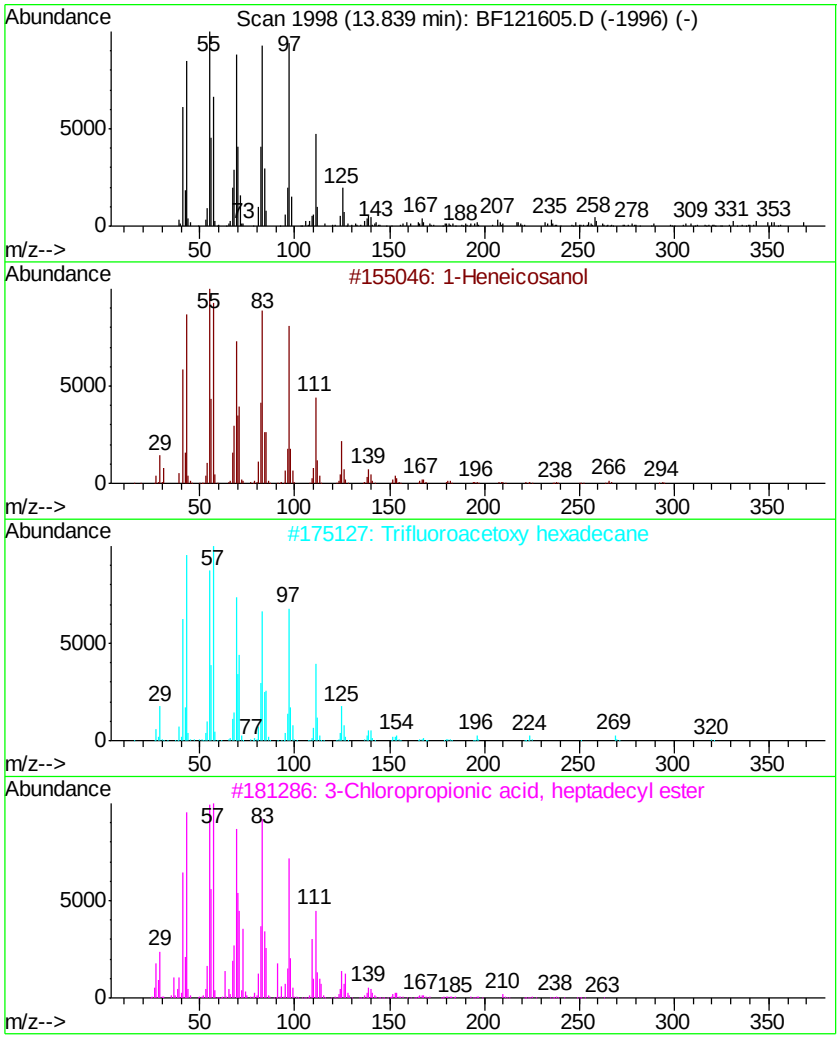
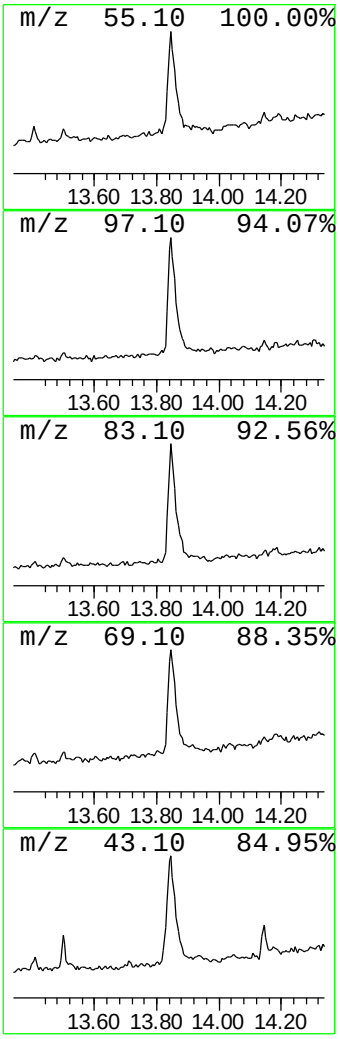
Peak Number 14 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.68 ng	332272	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	89





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Acq On : 17 Sep 2020 19:25
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Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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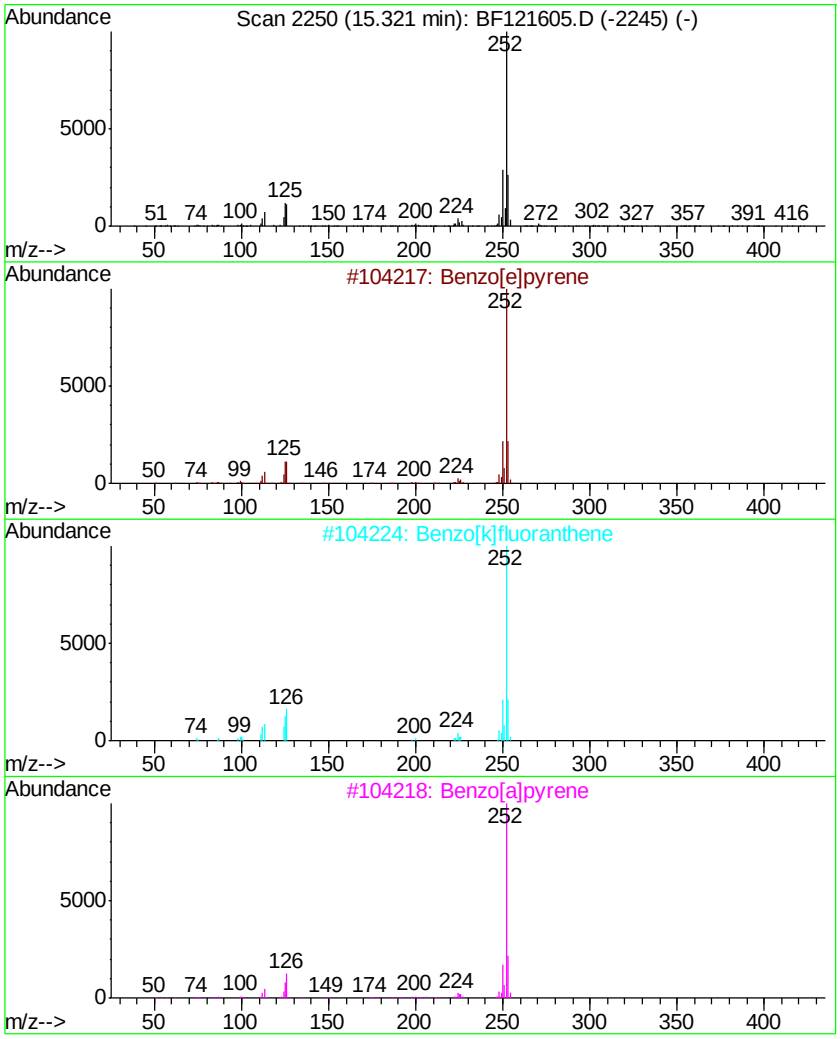
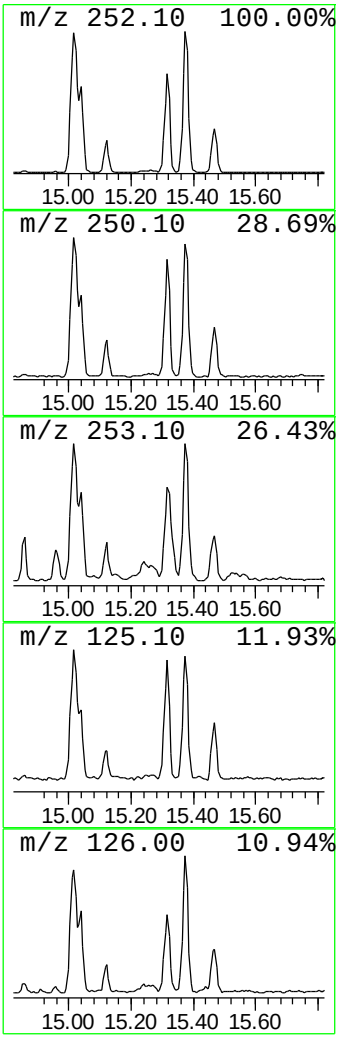
Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	16.51 ng	762788	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Perylene	252	C20H12	000198-55-0	97
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091720\
Data File : BF121605.D
Acq On : 17 Sep 2020 19:25
Operator : JU/CG
Sample : L4038-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091620-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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	5.7	ng	249319	1	6.82	879610	20.0
9H-Fluorene, 2-me...	10.95	2.3	ng	101618	4	11.34	875909	20.0
Dibenzothiophene	11.24	2.5	ng	108361	4	11.34	875909	20.0
Phenanthrene, 2-m...	11.84	3.7	ng	162963	4	11.34	875909	20.0
Anthracene, 2-met...	11.87	7.2	ng	315714	4	11.34	875909	20.0
1H-Cyclopropa[l]p...	11.92	2.2	ng	96392	4	11.34	875909	20.0
4H-Cyclopenta[def...	11.96	7.1	ng	312372	4	11.34	875909	20.0
Naphthalene, 2-ph...	12.14	2.9	ng	127140	4	11.34	875909	20.0
Anthracene, 2-ethyl-	12.29	2.1	ng	91083	4	11.34	875909	20.0
Phenanthrene, 2,5...	12.39	2.0	ng	87901	4	11.34	875909	20.0
unknown12.43	12.43	2.7	ng	118629	4	11.34	875909	20.0
Fluoranthene, 2-m...	13.00	2.1	ng	193221	5	13.98	1803510	20.0
11H-Benzo[b]fluorene	13.11	2.9	ng	258785	5	13.98	1803510	20.0
1-Heneicosanol	13.84	3.7	ng	332272	5	13.98	1803510	20.0
Benzo[e]pyrene	15.32	16.5	ng	762788	6	15.44	924283	20.0