LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

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-BF083019.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	2.934	136	144	150	rVB4	11502	24509	2.24%	0.138%
2	3.881	297	305	310	rVB	19300	29348	2.68%	0.165%
3	5.457	569	573	578	rVB	821954	732323	66.86%	4.112%
4	6.110	678	684	686	rBV3	15593	26533	2.42%	0.149%
5	6.387	728	731	737	rVB4	25378	27848	2.54%	0.156%
6	6.469	739	745	751	rBV	979504	846973	77.33%	4.756%
7	6.616	766	770	773	rBV	935145	850061	77.61%	4.773%
8	6.845	806	809	812	rBV	784722	608746	55.58%	3.418%
9	7.004	832	836	839	rVB	815987	666115	60.82%	3.740%
10	7.245	873	877	880	rBV3	30700	29338	2.68%	0.165%
11	7.398	896	903	907	rBV	634255	533152	48.68%	2.994%
12	7.498	915	920	923	rVB5	16827	27211	2.48%	0.153%
13	8.128	1022	1027	1029	rVV	1124098	887373	81.02%	4.983%
14	8.145	1029	1030	1035	rVV	92987	85951	7.85%	0.483%
15	8.198	1035	1039	1042	rVB	35975	36543	3.34%	0.205%
16	8.428	1070	1078	1080	rBV4	25126	39866	3.64%	0.224%
17	8.557	1096	1100	1104	rVV	68183	65618	5.99%	0.368%
18	8.728	1125	1129	1134	rBV	38865	39718	3.63%	0.223%
19	8.839	1146	1148	1153	rVB	93442	72746	6.64%	0.408%
20	8.939	1162	1165	1168	rBV	63140	49061	4.48%	0.275%
21	9.157	1199	1202	1206	rBV	34295	25753	2.35%	0.145%
22	9.198	1206	1209	1213	rBV	1303930	1075832	98.22%	6.041%
23	9.286	1222	1224	1229	rVB2	55187	70301	6.42%	0.395%
24	9.469	1252	1255	1259	rVB	37591	50790	4.64%	0.285%
25	9.539	1265	1267	1269	rVV	79670	66015	6.03%	0.371%
26	9.563	1269	1271	1274	rVV	58303	55463	5.06%	0.311%
27	9.592	1274	1276	1281	rVV2	158102	168143	15.35%	0.944%
28	9.657	1284	1287	1292	rVB	33874	35635	3.25%	0.200%
29	9.739	1299	1301	1305	rBV	40287	34825	3.18%	0.196%
30	9.816	1312	1314	1319	rVB	61546	49547	4.52%	0.278%
31	9.881	1319	1325	1328	rBV	1311979	1095291	100.00%	6.150%
32	9.916	1328	1331	1334	rVB4	27726	37059	3.38%	0.208%
33	9.986	1340	1343	1347	rBV2	19187	25910	2.37%	0.145%
34	10.081	1356	1359	1362	rVB	74394	62217	5.68%	0.349%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
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Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.122	1362	1366	1368	rBV	40474	36835	3.36%	0.207%
36	10.198	1376	1379	1381	rBV	48001	43473	3.97%	0.244%
37	10.228	1381	1384	1386	rVB	40451	35597	3.25%	0.200%
38	10.292	1391	1395	1397	rBV3	41195	55973	5.11%	0.314%
39	10.316	1397	1399	1401	rVB	52151	38091	3.48%	0.214%
40	10.381	1407	1410	1414	rVB2	34857	36455	3.33%	0.205%
41	10.422	1414	1417	1419	rBV2	26884	28800	2.63%	0.162%
42	10.439	1419	1420	1424	rVB3	28828	27662	2.53%	0.155%
43	10.539	1434	1437	1439	rVB	44324	37147	3.39%	0.209%
44	10.581	1439	1444	1448	rVB2	33563	40296	3.68%	0.226%
45	10.663	1454	1458	1462	rBV	579601	498556	45.52%	2.799%
46	10.710	1462	1466	1470	rVB3	30789	47768	4.36%	0.268%
47	10.786	1476	1479	1480	rBV	91633	77006	7.03%	0.432%
48	11.098	1529	1532	1535	rBV4	30500	45626	4.17%	0.256%
49	11.122	1535	1536	1541	rVV2	32379	37475	3.42%	0.210%
50	11.169	1541	1544	1548	rVV4	57114	70062	6.40%	0.393%
51	11.210	1548	1551	1552	rVV3	33424	38723	3.54%	0.217%
52	11.233	1553	1555	1558	rVV2	79396	70893	6.47%	0.398%
53	11.263	1558	1560	1568	rVB3	47809	57922	5.29%	0.325%
54	11.363	1573	1577	1579	rBV	1120917	979149	89.40%	5.498%
55	11.386	1579	1581	1584	rVV	232243	169262	15.45%	0.950%
56	11.433	1587	1589	1592	rVB	36842	32024	2.92%	0.180%
57	11.469	1592	1595	1599	rBV3	37508	50353	4.60%	0.283%
58	11.539	1602	1607	1611	rVB2	81930	91715	8.37%	0.515%
59	11.592	1611	1616	1618	rBV3	21252	33707	3.08%	0.189%
60	11.657	1625	1627	1630	rVV	67783	51941	4.74%	0.292%
61	11.692	1630	1633	1635	rVB2	70798	54888	5.01%	0.308%
62	11.863	1659	1662	1664	rVV	116314	101704	9.29%	0.571%
63	11.886	1664	1666	1670	rVB2	230993	221711	20.24%	1.245%
64	11.922	1670	1672	1673	rBV	34186	27486	2.51%	0.154%
65	11.969	1677	1680	1683	rVV	171899	179183	16.36%	1.006%
66	11.998	1683	1685	1689	rVB	83497	68818	6.28%	0.386%
67	12.045	1690	1693	1694	rBV2	34168	28299	2.58%	0.159%
68	12.063	1694	1696	1699	rVV2	78702	76122	6.95%	0.427%
69	12.092	1699	1701	1704	rVB2	49066	47061	4.30%	0.264%
70	12.157	1709	1712	1714	rBV	118816	102834	9.39%	0.577%
71	12.304	1735	1737	1740	rVV	67013	59403	5.42%	0.334%

LSC Area Percent Report

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Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.339	1740	1743	1745	rVV	81414	79601	7.27%	0.447%
73	12.363	1745	1747	1749	rVV	60304	47438	4.33%	0.266%
74	12.410	1752	1755	1758	rVV	176117	164936	15.06%	0.926%
75	12.451	1758	1762	1764	rVV2	100863	129450	11.82%	0.727%
76	12.498	1767	1770	1775	rBV3	58817	69973	6.39%	0.393%
77	12.569	1779	1782	1787	rBV	346683	338629	30.92%	1.901%
78	12.616	1787	1790	1792	rBV	65565	56176	5.13%	0.315%
79	12.692	1801	1803	1806	rBV2	28586	33322	3.04%	0.187%
80	12.798	1816	1821	1823	rBV	377708	354853	32.40%	1.993%
81	12.822	1823	1825	1828	rVV	99147	86918	7.94%	0.488%
82	12.857	1828	1831	1834	rVB2	66589	74058	6.76%	0.416%
83	12.939	1842	1845	1852	rVB	1087855	968996	88.47%	5.441%
84	13.016	1855	1858	1861	rBV2	83225	98025	8.95%	0.550%
85	13.074	1866	1868	1870	rBV2	32443	35927	3.28%	0.202%
86	13.180	1883	1886	1890	rBV2	55824	72119	6.58%	0.405%
87	13.227	1891	1894	1897	rBV2	67674	76144	6.95%	0.428%
88	13.322	1908	1910	1912	rBV	62882	43690	3.99%	0.245%
89	13.351	1913	1915	1918	rVB	45518	42670	3.90%	0.240%
90	13.521	1942	1944	1947	rBV3	50030	52736	4.81%	0.296%
91	13.627	1960	1962	1967	rVB	107085	112349	10.26%	0.631%
92	13.733	1977	1980	1985	rBV2	62289	109824	10.03%	0.617%
93	13.839	1995	1998	2003	rVB2	155575	202012	18.44%	1.134%
94	13.992	2019	2024	2027	rBV2	883256	1083321	98.91%	6.083%
95	14.016	2027	2028	2031	rVB	210380	143993	13.15%	0.809%
96	14.410	2093	2095	2098	rBV	70075	63251	5.77%	0.355%
97	15.027	2196	2200	2203	rBV	180098	266283	24.31%	1.495%
98	15.321	2248	2250	2256	rVB	122437	151374	13.82%	0.850%
99	15.386	2258	2261	2264	rVB	118448	122537	11.19%	0.688%
100	15.451	2268	2272	2275	rBV	406122	496535	45.33%	2.788%

Sum of corrected areas: 17808974

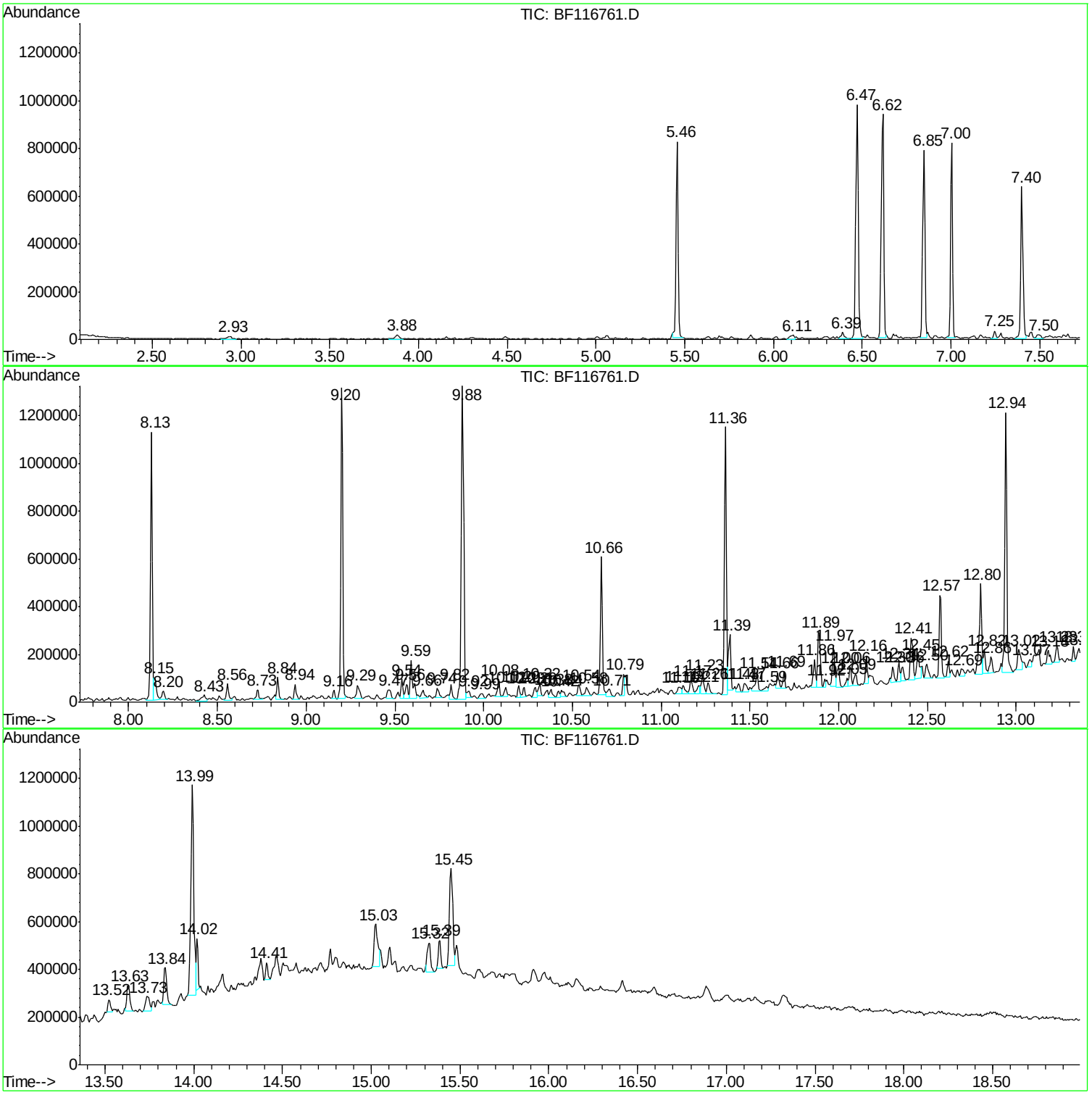
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090119\
Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

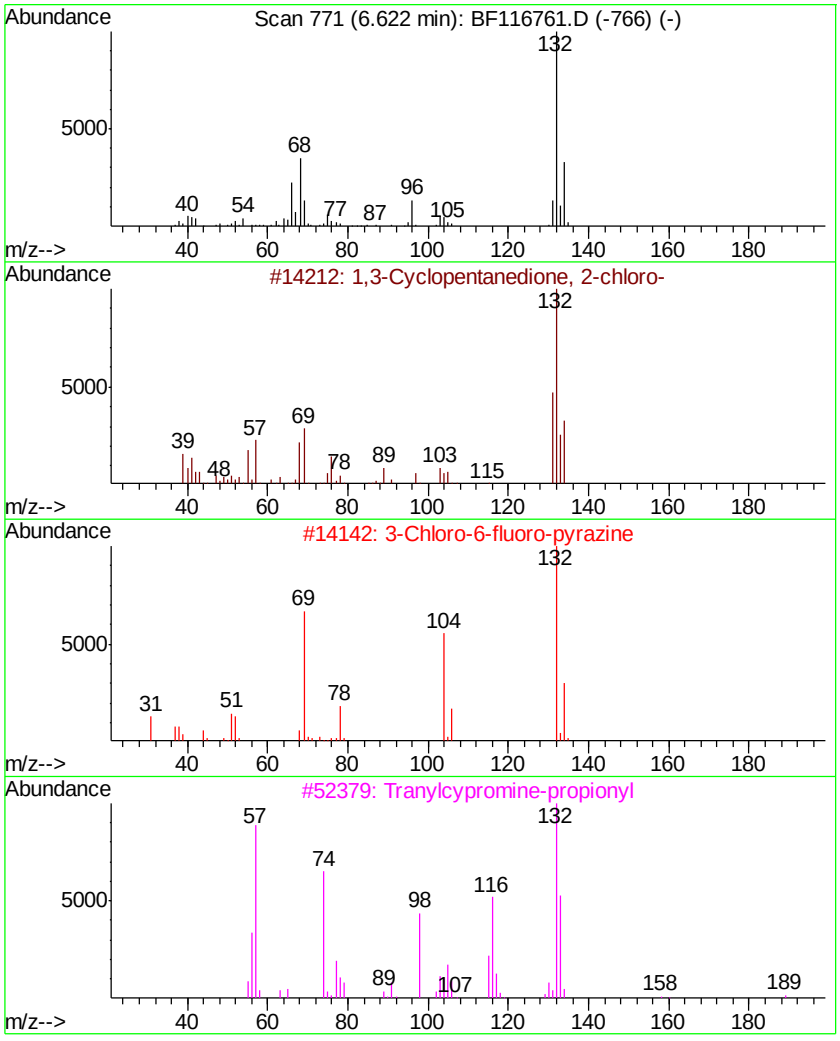
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

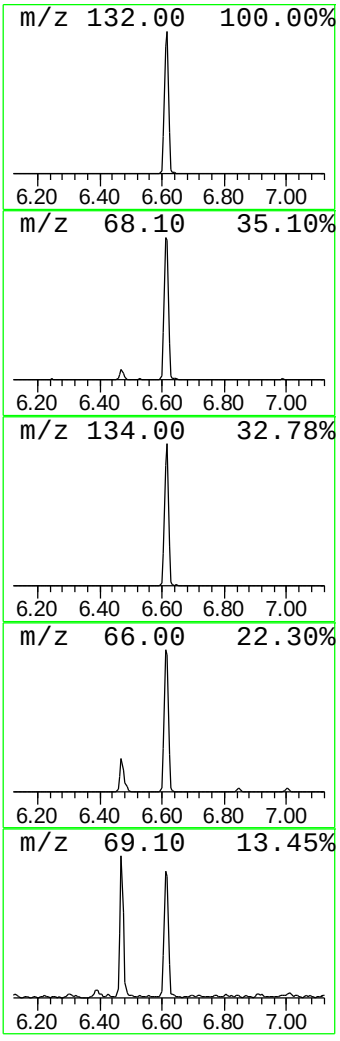
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	27.93 ng	850061	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

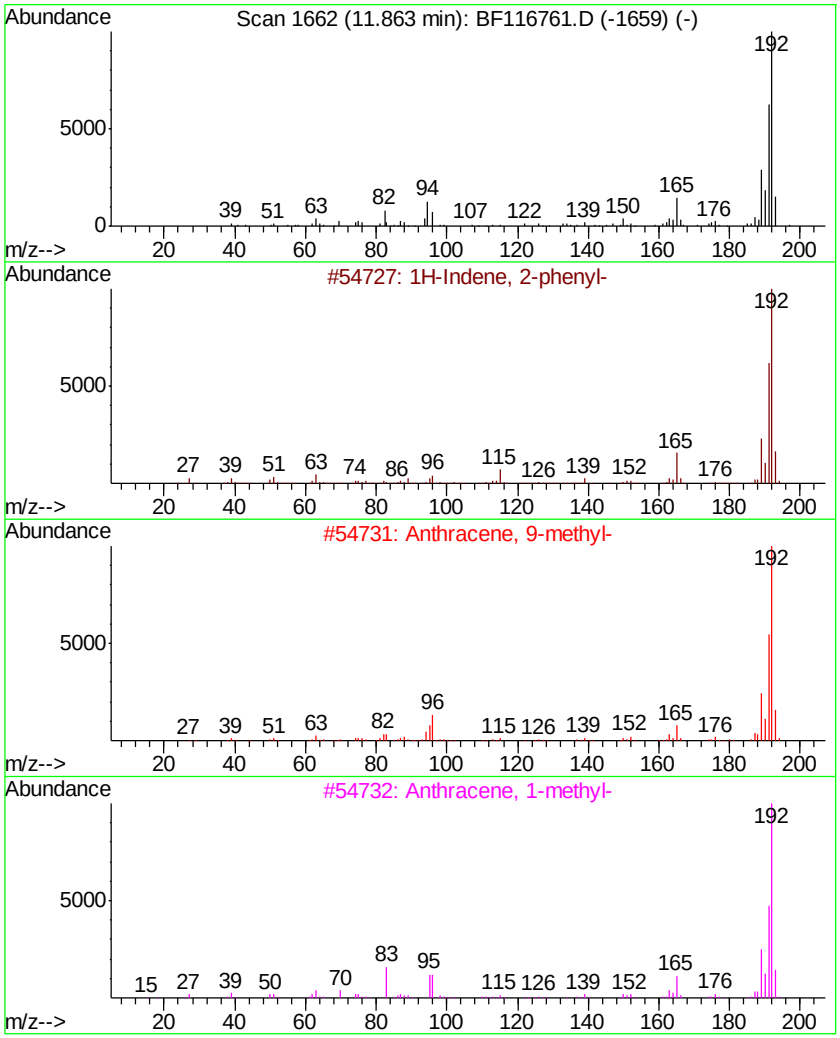
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

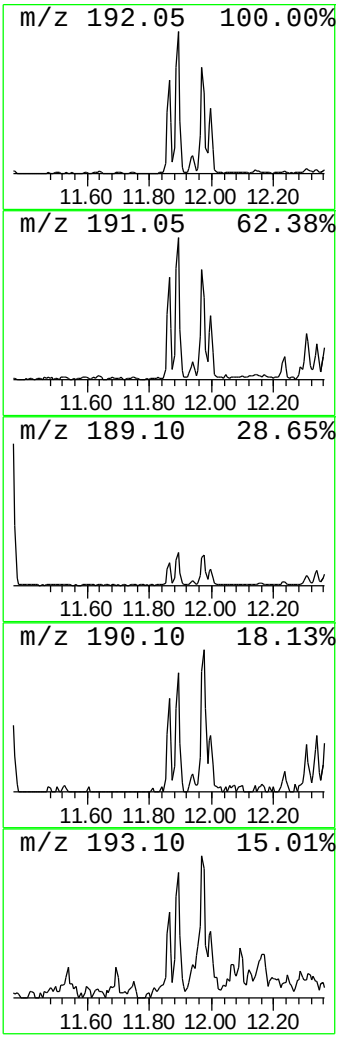
****

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.08 ng	101704	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
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Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

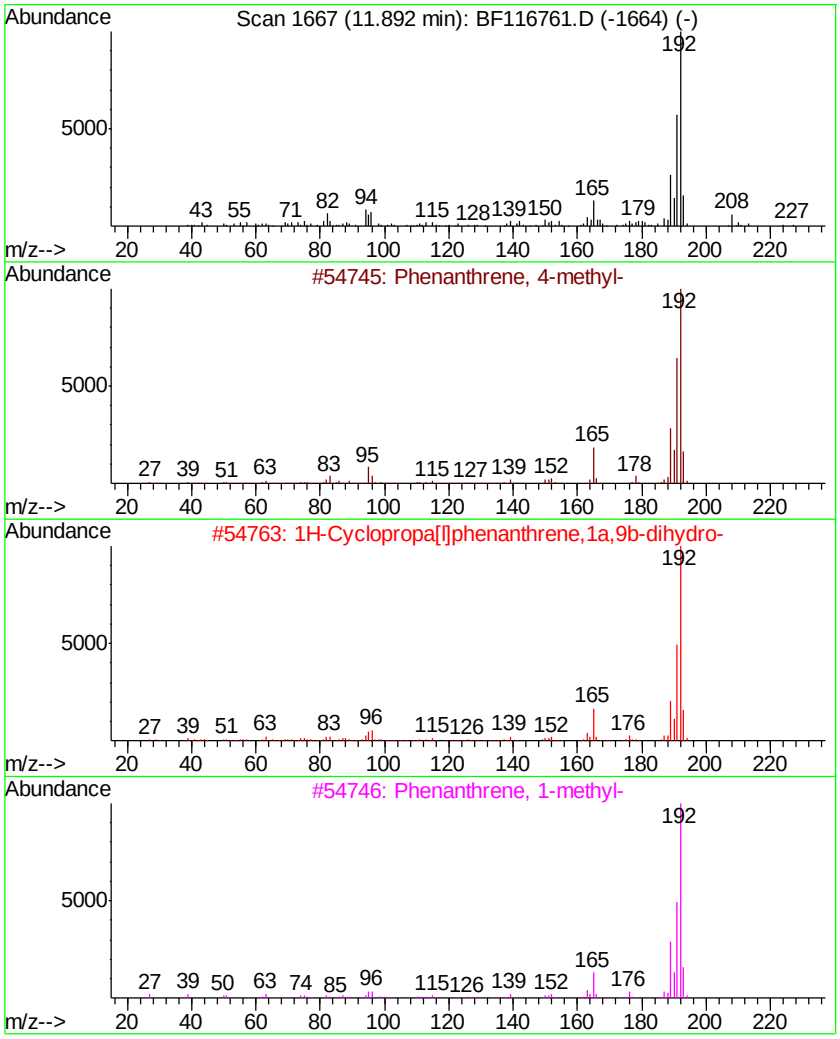
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

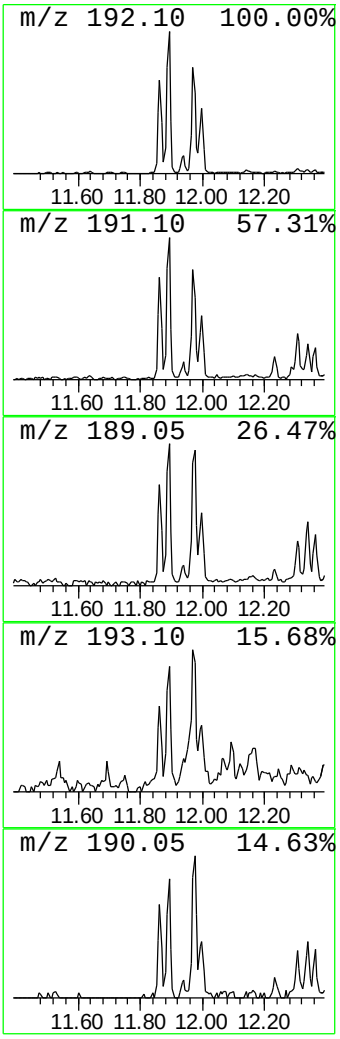
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.53 ng	221711	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

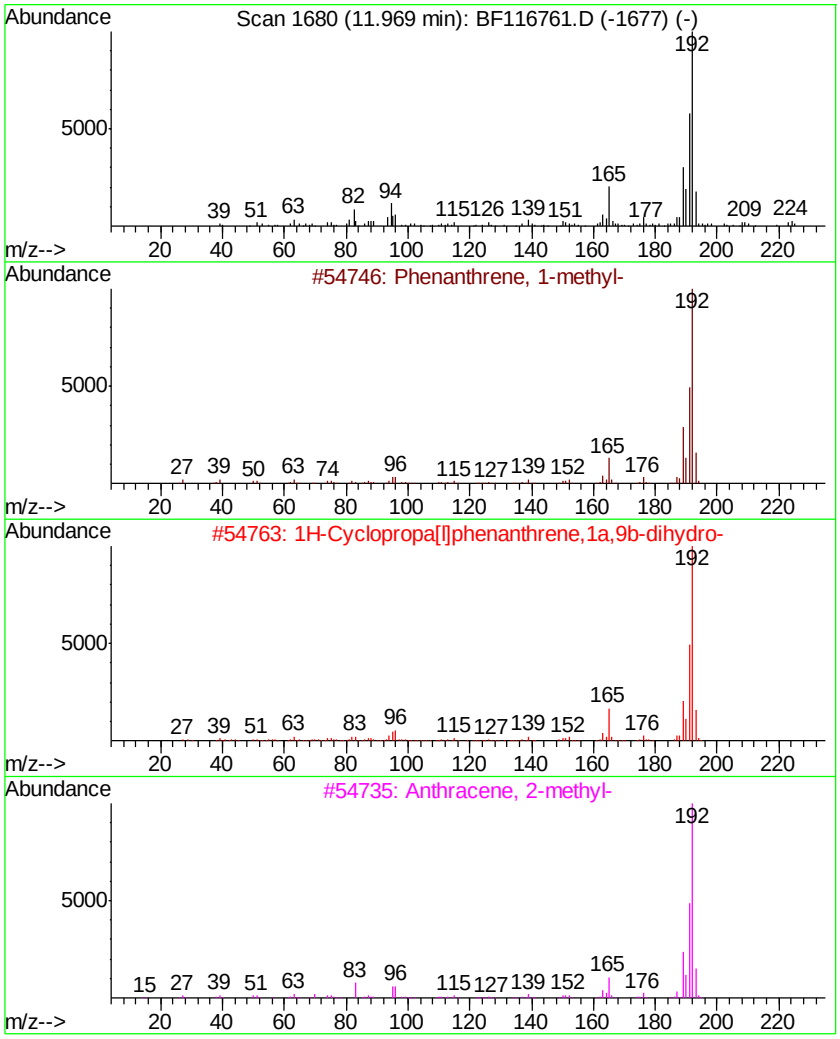
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

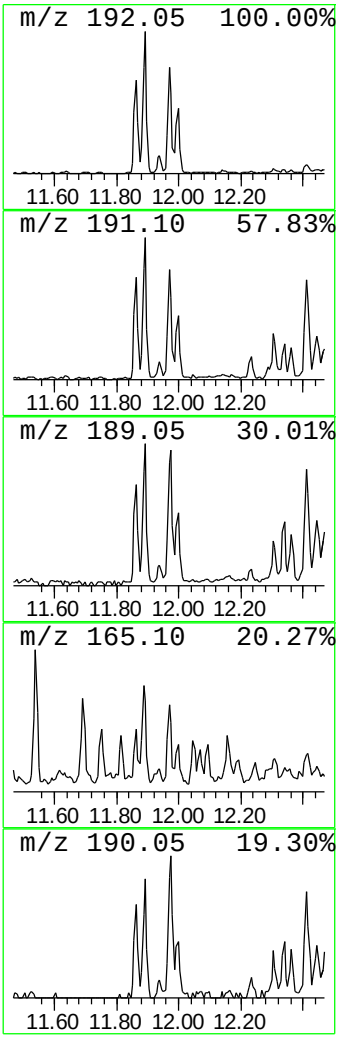
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.66 ng	179183	Phenanthrene-d10	11.36

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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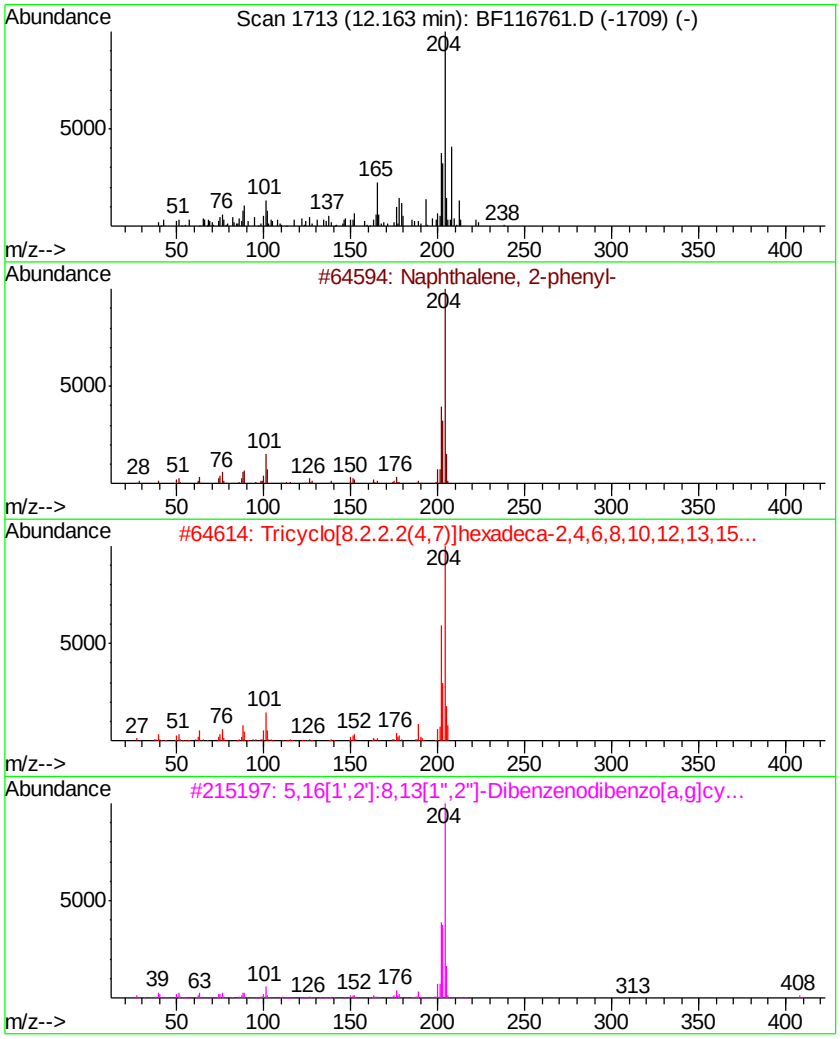
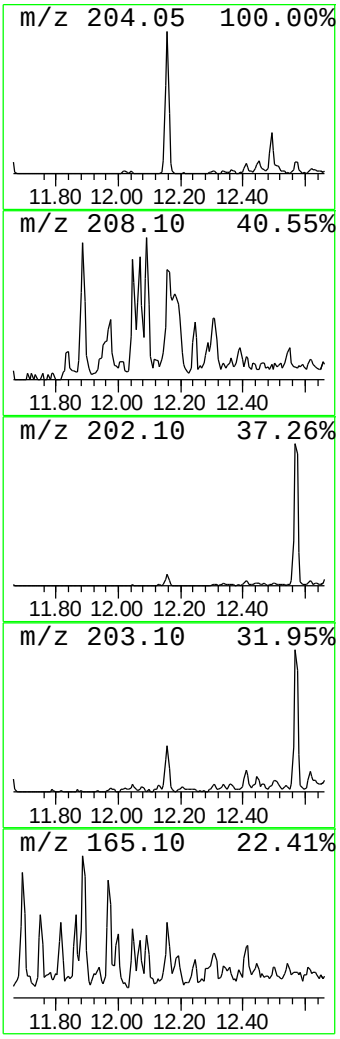
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.10 ng	102834	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	50
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

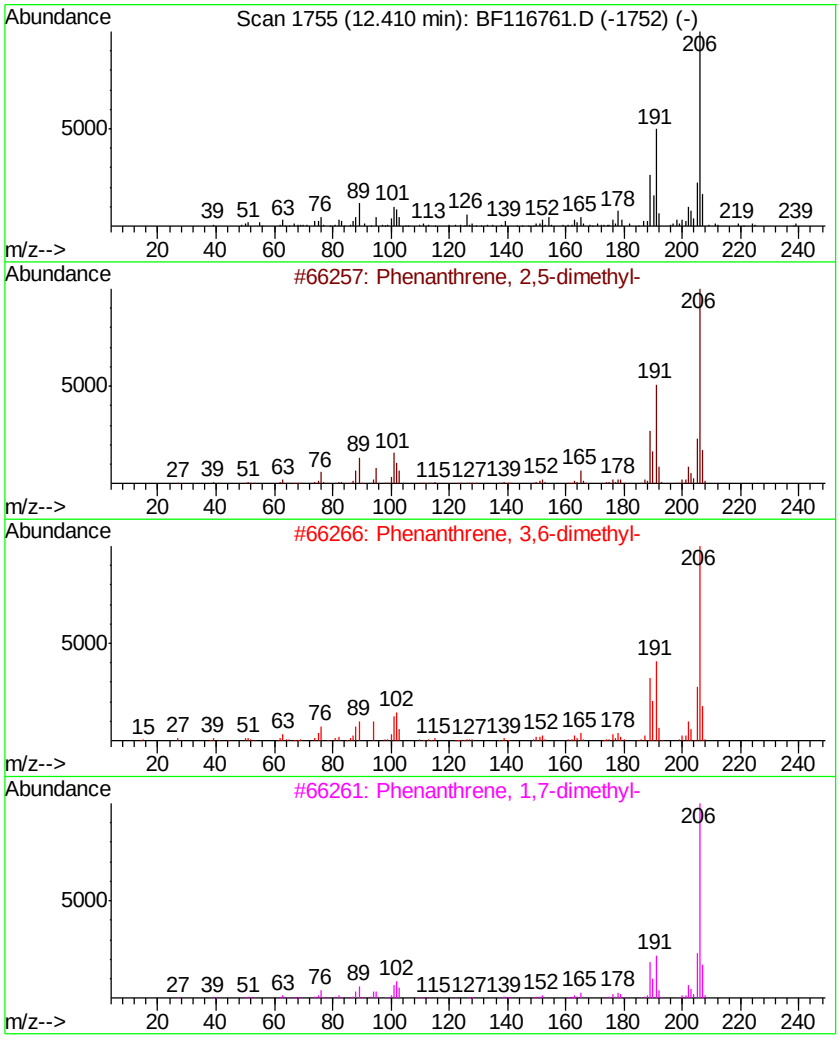
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

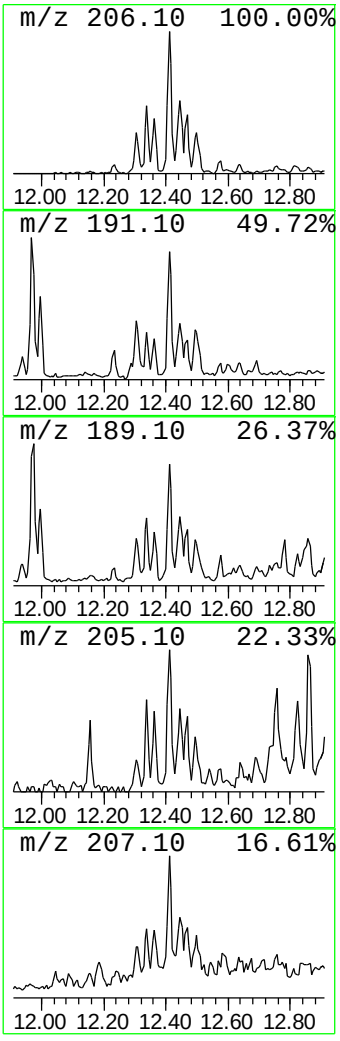
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.37 ng	164936	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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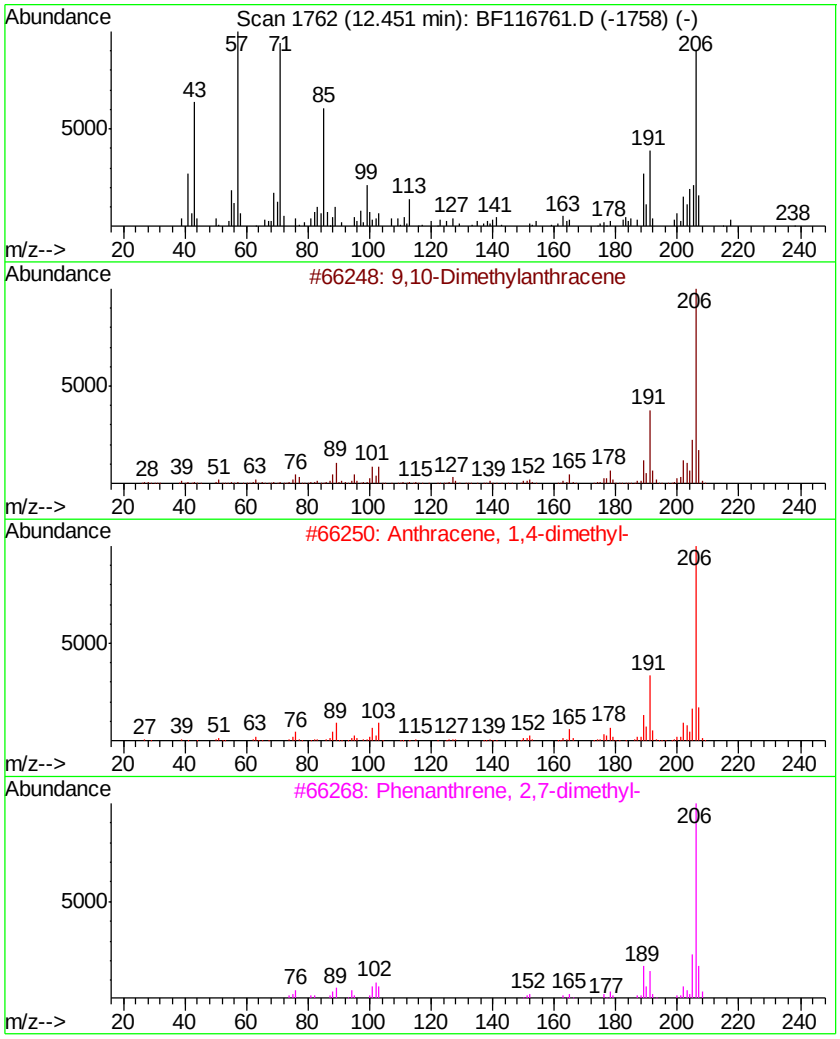
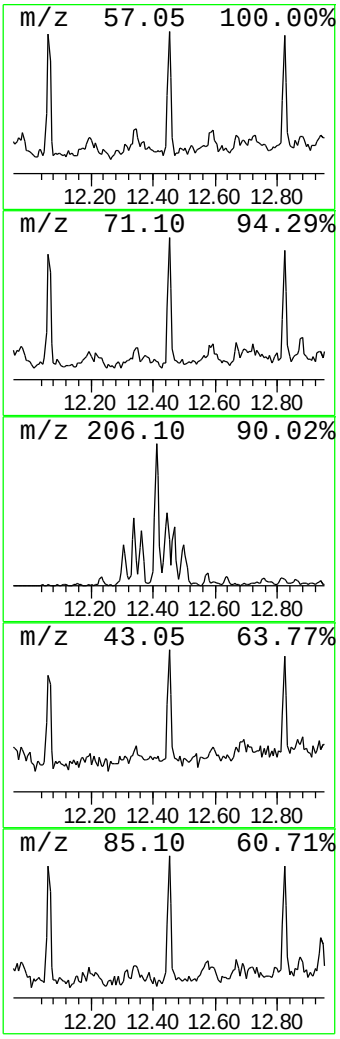
Peak Number 8 unknown12.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.64 ng	129450	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	43
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	43
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42





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Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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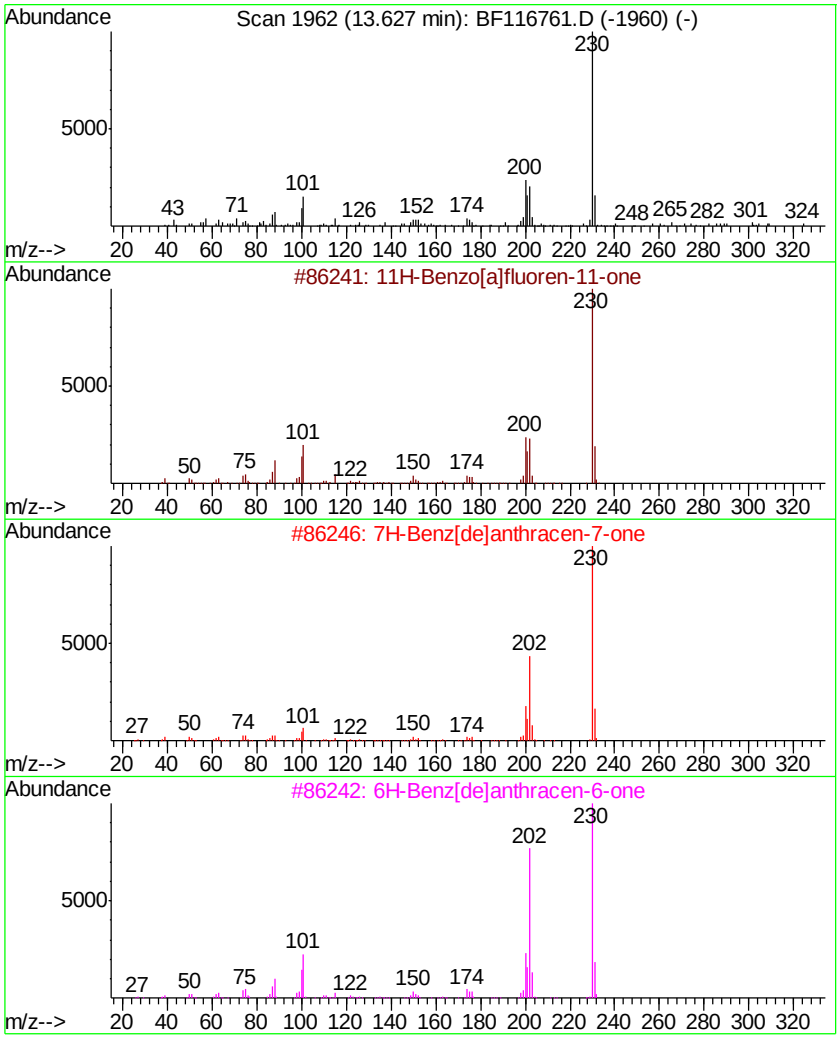
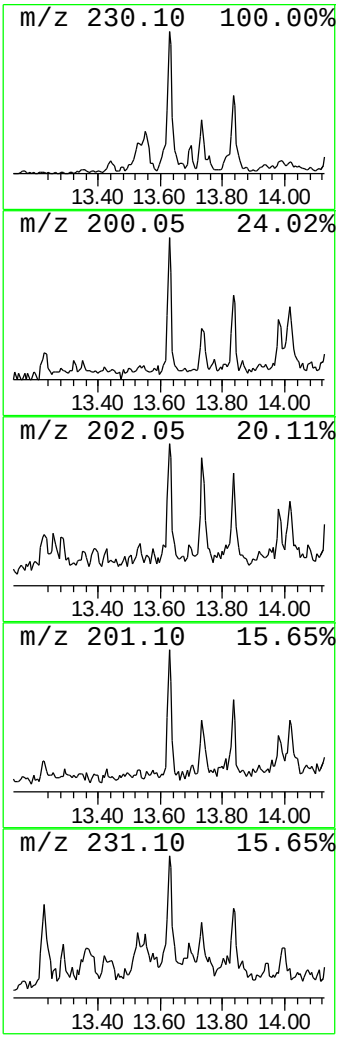
Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.07 ng	112349	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	62
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





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Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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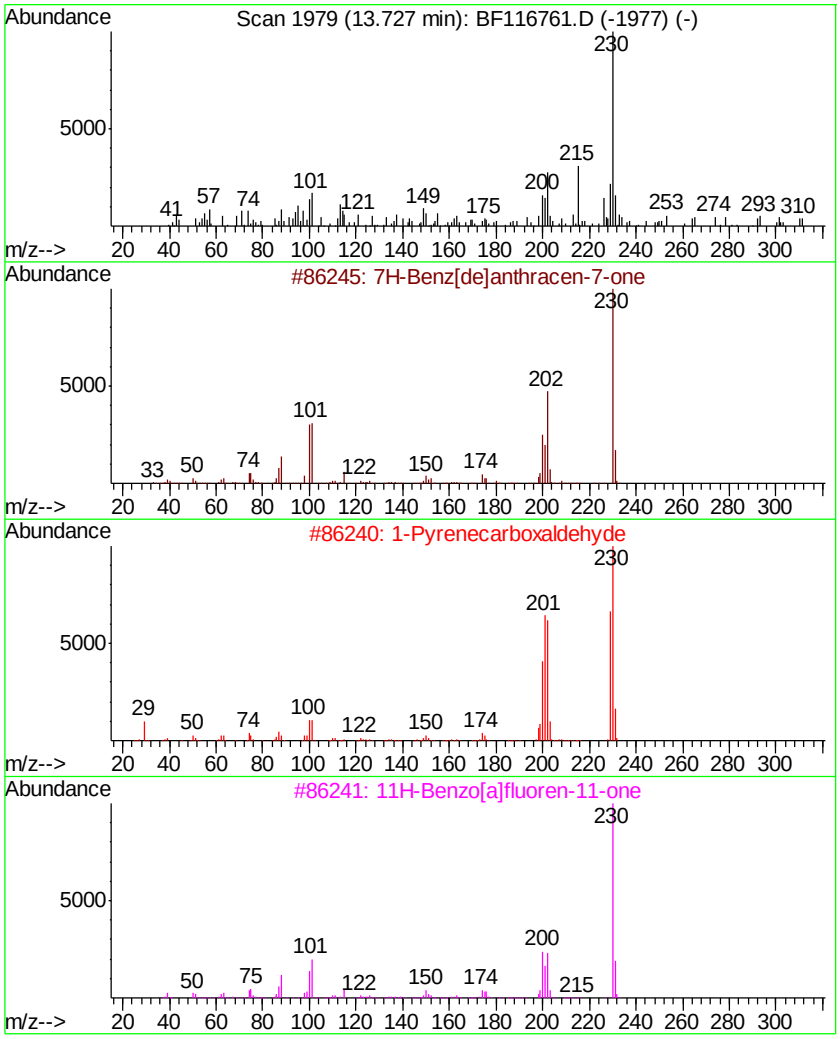
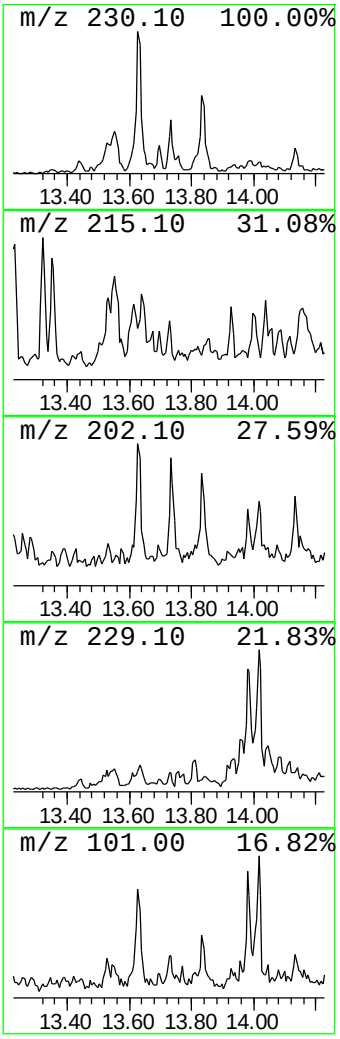
Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.03 ng	109824	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	68
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	52





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Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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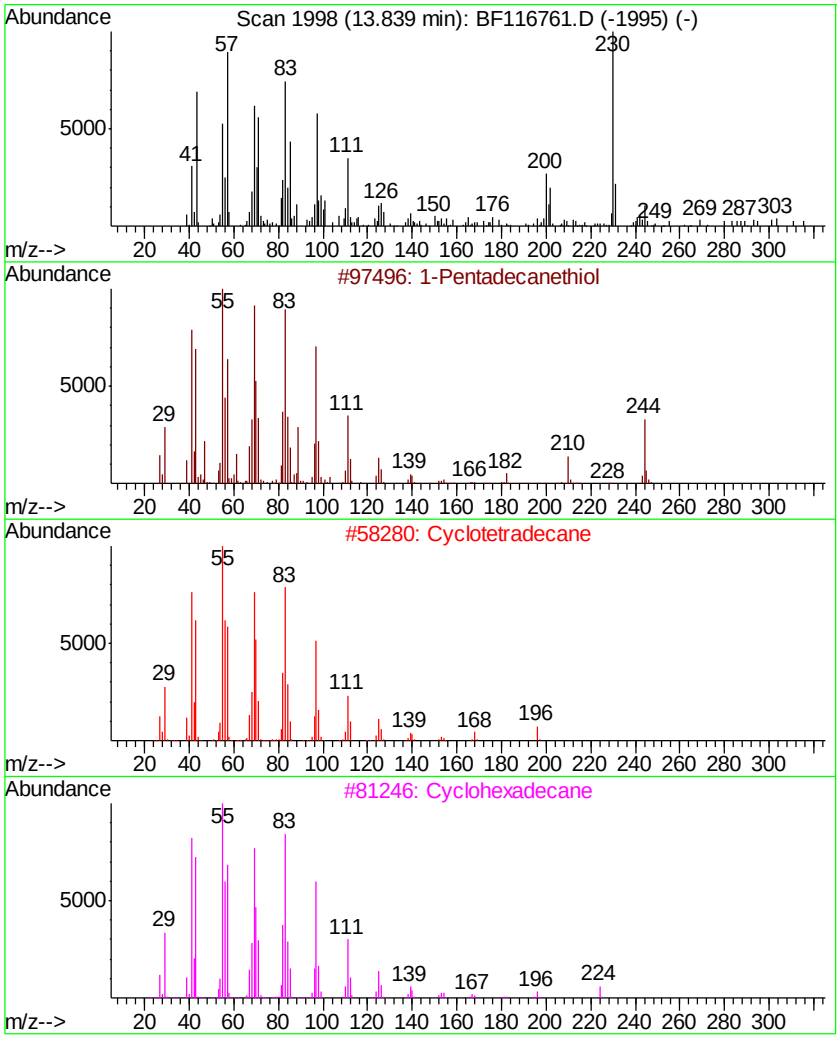
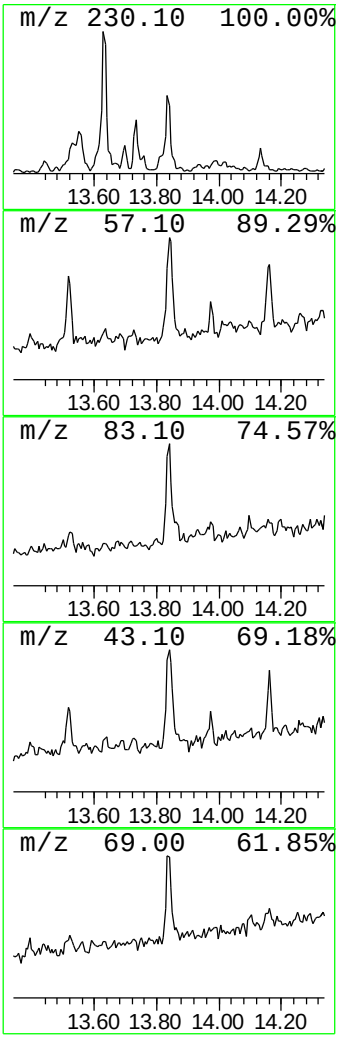
Peak Number 11 1-Pentadecanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.73 ng	202012	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanethiol	244	C15H32S	025276-70-4	64
2	Cyclotetradecane	196	C14H28	000295-17-0	62
3	Cyclohexadecane	224	C16H32	000295-65-8	62
4	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	49
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116761.D
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Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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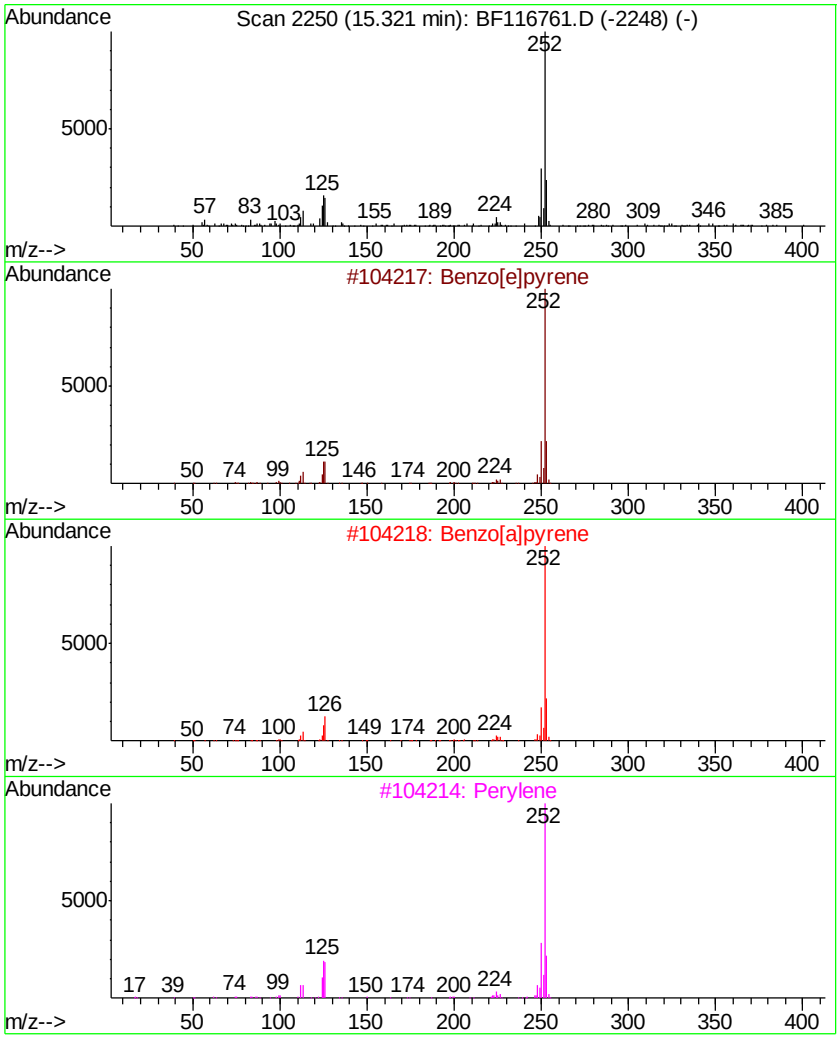
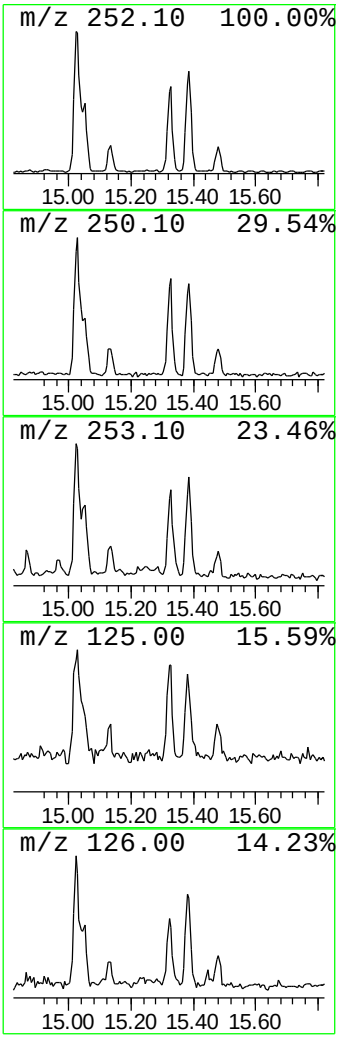
Peak Number 12 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.10 ng	151374	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090119\
Data File : BF116761.D
Acq On : 1 Sep 2019 23:42
Operator : HP/JU
Sample : K4439-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	27.9	ng	850061	1	6.85	608746	20.0
1H-Indene, 2-phenyl-	11.86	2.1	ng	101704	4	11.36	979149	20.0
Phenanthrene, 4-m...	11.89	4.5	ng	221711	4	11.36	979149	20.0
Phenanthrene, 1-m...	11.97	3.7	ng	179183	4	11.36	979149	20.0
Naphthalene, 2-ph...	12.16	2.1	ng	102834	4	11.36	979149	20.0
Phenanthrene, 2,5...	12.41	3.4	ng	164936	4	11.36	979149	20.0
unknown12.45	12.45	2.6	ng	129450	4	11.36	979149	20.0
11H-Benzo[a]fluor...	13.63	2.1	ng	112349	5	13.99	1083320	20.0
7H-Benz[de]anthra...	13.73	2.0	ng	109824	5	13.99	1083320	20.0
1-Pentadecanethiol	13.84	3.7	ng	202012	5	13.99	1083320	20.0
Benzo[e]pyrene	15.32	6.1	ng	151374	6	15.45	496535	20.0