LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121124.D
Acq On : 30 Jul 2020 2:34
Operator : JU/CG
Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 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-BF071620.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	5.422	563	567	575	rBV	561001	584452	25.04%	1.945%
2	5.634	598	603	611	rBV2	27597	32725	1.40%	0.109%
3	6.445	738	741	751	rBV2	623865	605755	25.96%	2.016%
4	6.639	771	774	777	rBV3	32289	37549	1.61%	0.125%
5	6.810	799	803	806	rBV	1251086	1027073	44.01%	3.418%
6	7.069	844	847	853	rBV	28945	36866	1.58%	0.123%
7	7.369	895	898	902	rBV	374815	313039	13.41%	1.042%
8	8.092	1015	1021	1024	rBV	1635072	1364977	58.49%	4.543%
9	8.386	1063	1071	1075	rBV6	21673	43825	1.88%	0.146%
10	8.686	1119	1122	1126	rBV3	46526	66353	2.84%	0.221%
11	8.804	1140	1142	1146	rVB	100878	77046	3.30%	0.256%
12	8.904	1155	1159	1163	rBV	104754	93590	4.01%	0.311%
13	9.110	1192	1194	1200	rBV3	35759	38649	1.66%	0.129%
14	9.163	1200	1203	1208	rVV	865194	738635	31.65%	2.458%
15	9.245	1214	1217	1220	rBV	68031	75724	3.24%	0.252%
16	9.363	1235	1237	1243	rVB	35601	39110	1.68%	0.130%
17	9.433	1245	1249	1252	rBV2	72853	101659	4.36%	0.338%
18	9.504	1258	1261	1264	rBV	118893	110861	4.75%	0.369%
19	9.533	1264	1266	1268	rVV	73154	59599	2.55%	0.198%
20	9.557	1268	1270	1275	rVV2	217870	253372	10.86%	0.843%
21	9.622	1278	1281	1286	rVB	77301	81765	3.50%	0.272%
22	9.710	1292	1296	1299	rBV	230865	209271	8.97%	0.696%
23	9.845	1316	1319	1322	rVB	1589906	1376173	58.97%	4.580%
24	9.880	1322	1325	1328	rVB	245494	190824	8.18%	0.635%
25	9.910	1328	1330	1334	rVB4	31539	33851	1.45%	0.113%
26	9.951	1334	1337	1341	rBV2	54314	70958	3.04%	0.236%
27	10.004	1341	1346	1348	rBV4	34110	47800	2.05%	0.159%
28	10.051	1349	1354	1358	rVB	158521	160758	6.89%	0.535%
29	10.086	1358	1360	1366	rBV2	76863	75265	3.22%	0.250%
30	10.163	1369	1373	1375	rBV2	101566	108991	4.67%	0.363%
31	10.192	1375	1378	1380	rVB	58400	46611	2.00%	0.155%
32	10.251	1384	1388	1390	rBV2	76348	91741	3.93%	0.305%
33	10.274	1390	1392	1394	rVB2	91023	66333	2.84%	0.221%
34	10.298	1394	1396	1399	rBV	48371	38727	1.66%	0.129%

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Instrument : BNA_F
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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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.345	1399	1404	1406	rBV4	42495	52138	2.23%	0.174%
36	10.392	1409	1412	1418	rVB	280684	276229	11.84%	0.919%
37	10.457	1418	1423	1425	rBV2	58389	78113	3.35%	0.260%
38	10.480	1425	1427	1428	rVV2	51885	43377	1.86%	0.144%
39	10.504	1428	1431	1436	rVV3	74458	96960	4.15%	0.323%
40	10.551	1436	1439	1442	rVB2	74478	74961	3.21%	0.249%
41	10.633	1447	1453	1457	rBV	494025	460367	19.73%	1.532%
42	10.763	1470	1475	1481	rVB	165992	224918	9.64%	0.749%
43	10.939	1501	1505	1508	rBV2	104921	118789	5.09%	0.395%
44	10.969	1508	1510	1513	rVV2	82671	82606	3.54%	0.275%
45	11.027	1517	1520	1522	rVB2	67174	60826	2.61%	0.202%
46	11.074	1523	1528	1529	rBV2	46240	67249	2.88%	0.224%
47	11.092	1529	1531	1537	rVV3	68096	82645	3.54%	0.275%
48	11.139	1537	1539	1543	rVV2	70842	64640	2.77%	0.215%
49	11.198	1544	1549	1551	rVV3	79524	121021	5.19%	0.403%
50	11.227	1551	1554	1561	rVB	206152	200917	8.61%	0.669%
51	11.333	1568	1572	1574	rBV	1576663	1352964	57.97%	4.503%
52	11.357	1574	1576	1579	rVV	1586618	1227582	52.60%	4.086%
53	11.410	1580	1585	1588	rVV	533615	458792	19.66%	1.527%
54	11.445	1588	1591	1593	rVV2	73608	76608	3.28%	0.255%
55	11.563	1608	1611	1616	rBV	113789	129340	5.54%	0.430%
56	11.627	1619	1622	1624	rVV2	96423	89512	3.84%	0.298%
57	11.663	1625	1628	1634	rVB2	112275	114296	4.90%	0.380%
58	11.745	1640	1642	1645	rVB	64989	66282	2.84%	0.221%
59	11.792	1647	1650	1652	rBV3	32001	35782	1.53%	0.119%
60	11.833	1654	1657	1660	rVV	300994	312005	13.37%	1.038%
61	11.863	1660	1662	1665	rVV	416825	335097	14.36%	1.115%
62	11.910	1667	1670	1673	rVV	191930	180564	7.74%	0.601%
63	11.945	1673	1676	1679	rVV	573257	633191	27.13%	2.107%
64	11.968	1679	1680	1684	rVB	256716	166024	7.11%	0.553%
65	12.033	1689	1691	1694	rVB2	69963	61350	2.63%	0.204%
66	12.068	1694	1697	1699	rBV2	68982	58074	2.49%	0.193%
67	12.127	1704	1707	1710	rVV	204108	203198	8.71%	0.676%
68	12.157	1710	1712	1715	rVB2	85773	86778	3.72%	0.289%
69	12.263	1727	1730	1731	rBV	62322	54891	2.35%	0.183%
70	12.280	1731	1733	1736	rVV	94337	76103	3.26%	0.253%
71	12.310	1736	1738	1740	rVV	125281	103842	4.45%	0.346%

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Sample : L3436-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : 3

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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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.333	1740	1742	1745	rVB2	97030	78064	3.34%	0.260%
73	12.386	1747	1751	1753	rBV	264678	282946	12.12%	0.942%
74	12.427	1753	1758	1763	rVV3	356808	590600	25.31%	1.966%
75	12.468	1763	1765	1770	rVV2	136768	164801	7.06%	0.548%
76	12.551	1775	1779	1782	rVV	2069406	1881108	80.60%	6.261%
77	12.592	1782	1786	1788	rVV	71169	78642	3.37%	0.262%
78	12.639	1792	1794	1797	rVB	105373	96157	4.12%	0.320%
79	12.698	1802	1804	1808	rVV3	108098	139781	5.99%	0.465%
80	12.780	1811	1818	1824	rVV	1988385	2333828	100.00%	7.767%
81	12.833	1824	1827	1830	rVB2	109560	131415	5.63%	0.437%
82	12.892	1835	1837	1838	rBV2	102726	79781	3.42%	0.266%
83	12.915	1838	1841	1844	rBV	783124	570388	24.44%	1.898%
84	12.992	1851	1854	1858	rBV2	151033	206575	8.85%	0.688%
85	13.086	1866	1870	1871	rBV4	141891	181249	7.77%	0.603%
86	13.104	1871	1873	1876	rVB	416164	344783	14.77%	1.148%
87	13.168	1882	1884	1887	rVB	295319	242173	10.38%	0.806%
88	13.210	1888	1891	1893	rVV2	256337	213467	9.15%	0.710%
89	13.298	1904	1906	1909	rVB	152992	128117	5.49%	0.426%
90	13.333	1909	1912	1915	rBV	175178	168496	7.22%	0.561%
91	13.721	1976	1978	1981	rBV	131027	122252	5.24%	0.407%
92	13.774	1985	1987	1989	rBV	129089	128307	5.50%	0.427%
93	13.821	1993	1995	1999	rVB	189850	183653	7.87%	0.611%
94	13.974	2016	2021	2024	rBV2	1561938	2230970	95.59%	7.425%
95	14.004	2024	2026	2032	rVB	825182	713110	30.56%	2.373%
96	14.080	2037	2039	2042	rVB	148464	102116	4.38%	0.340%
97	15.009	2194	2197	2200	rBV	494441	692441	29.67%	2.305%
98	15.309	2246	2248	2254	rVB	369518	389681	16.70%	1.297%
99	15.368	2255	2258	2264	rBV	450554	539276	23.11%	1.795%
100	15.433	2266	2269	2273	rBV2	632825	803994	34.45%	2.676%

Sum of corrected areas: 30046129

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121124.D
Acq On : 30 Jul 2020 2:34
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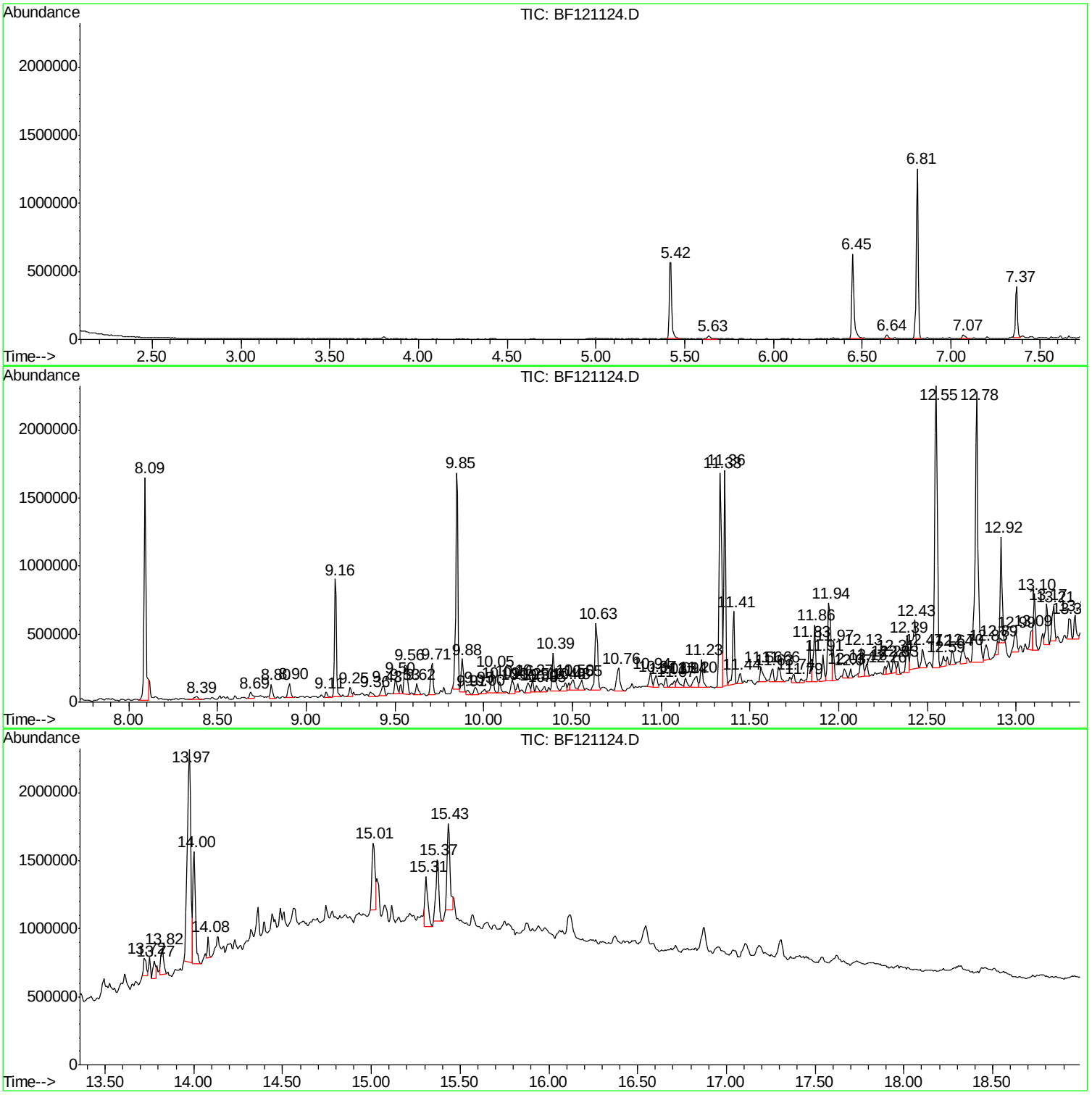
Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF072920\
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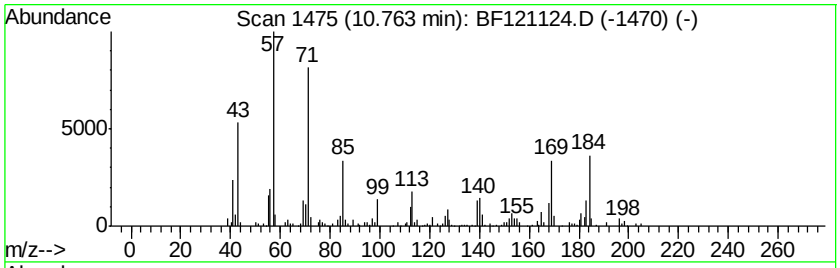
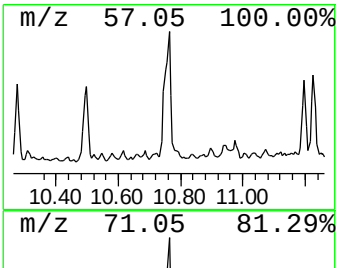
****

Peak Number 2 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.32 ng	224918	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
3	Decane, 2-methyl-	156	C11H24	006975-98-0	50
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	47
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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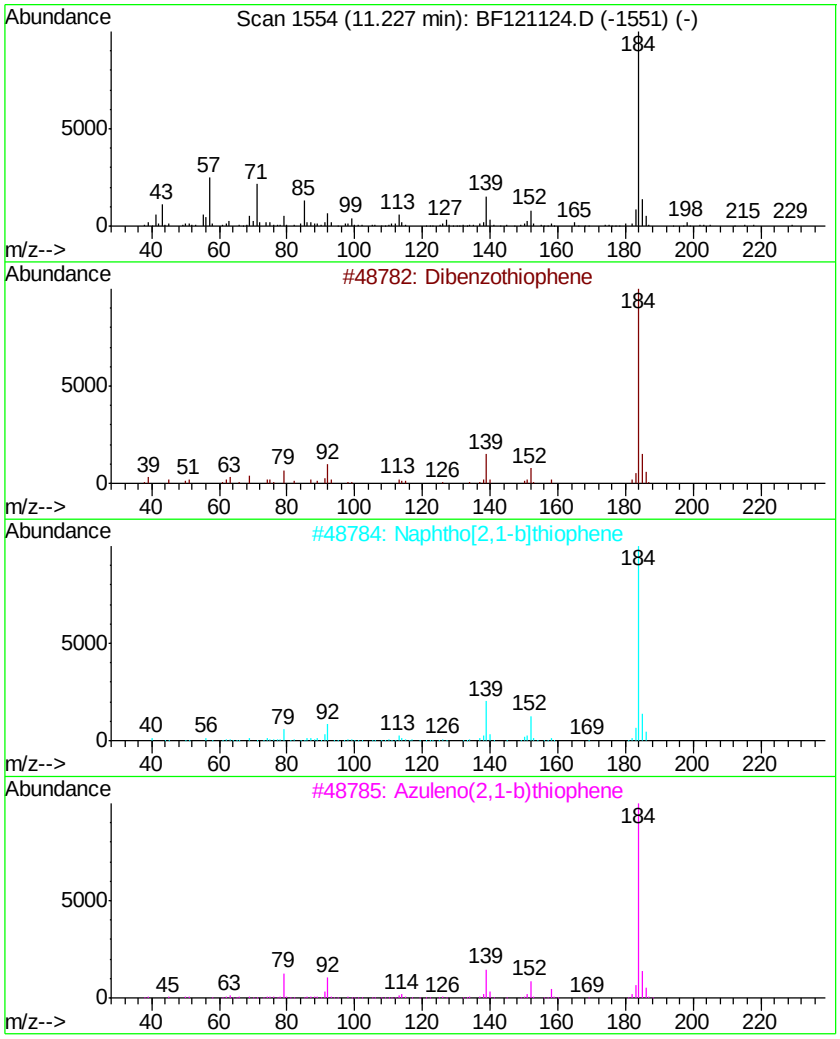
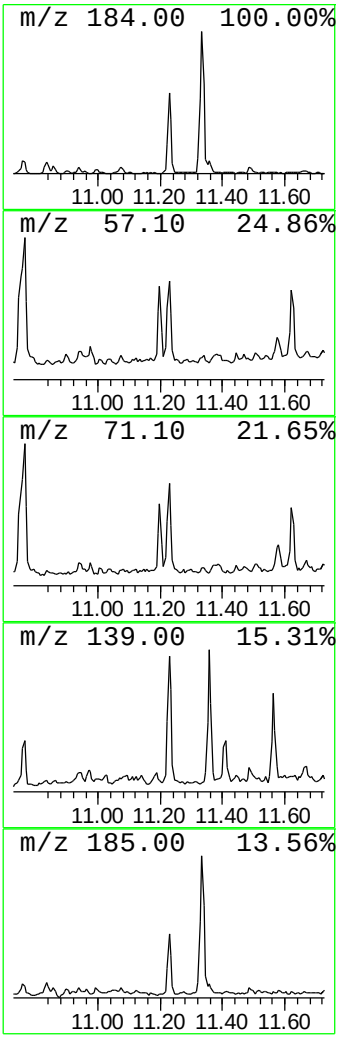
****

Peak Number 3 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.97 ng	200917	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	89
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	76
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	62





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Misc :
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Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
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TIC Library : C:\DATABASE\NIST11.L
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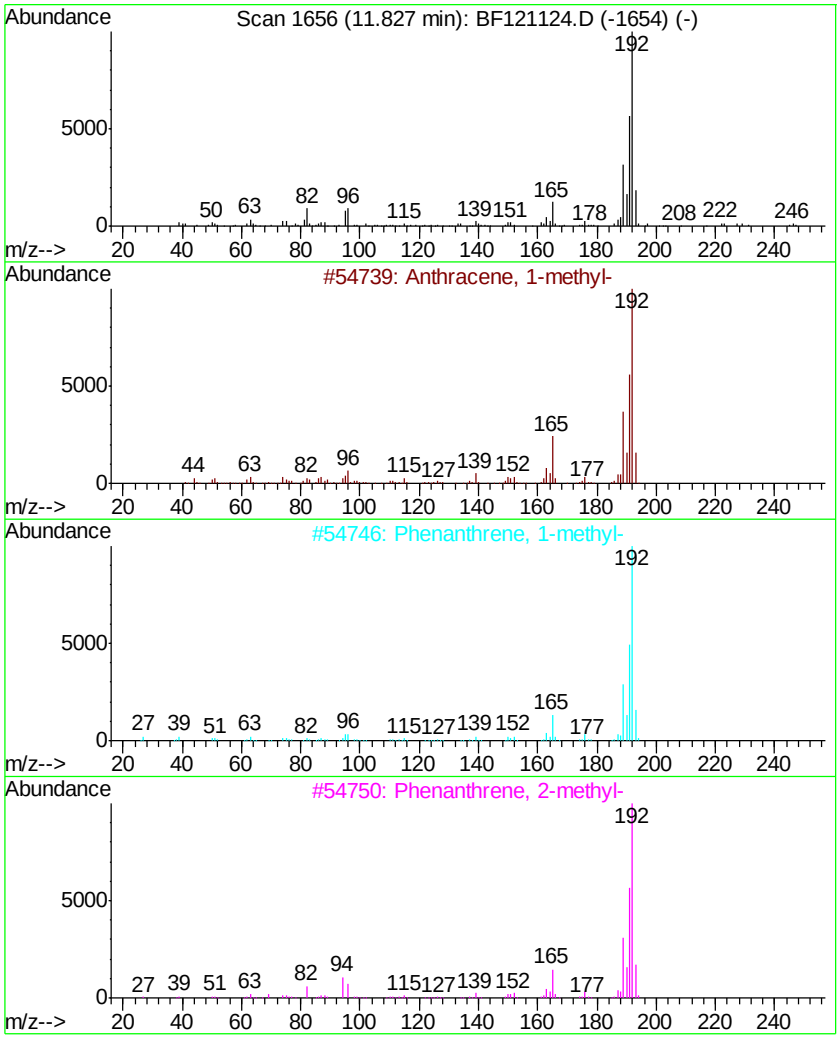
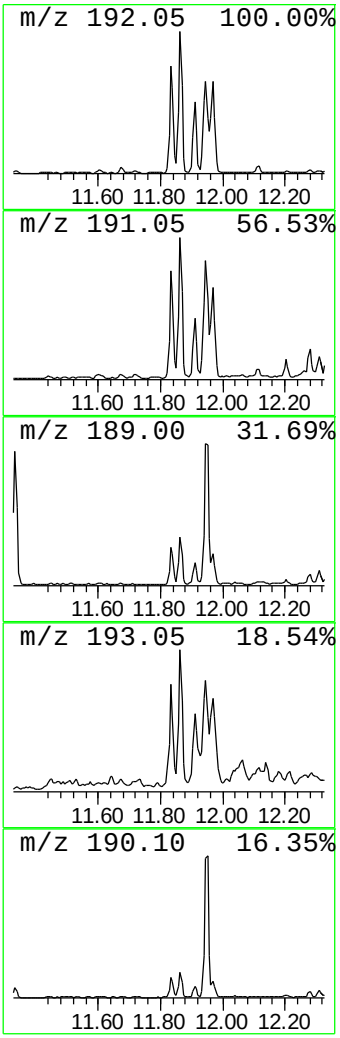
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.61 ng	312005	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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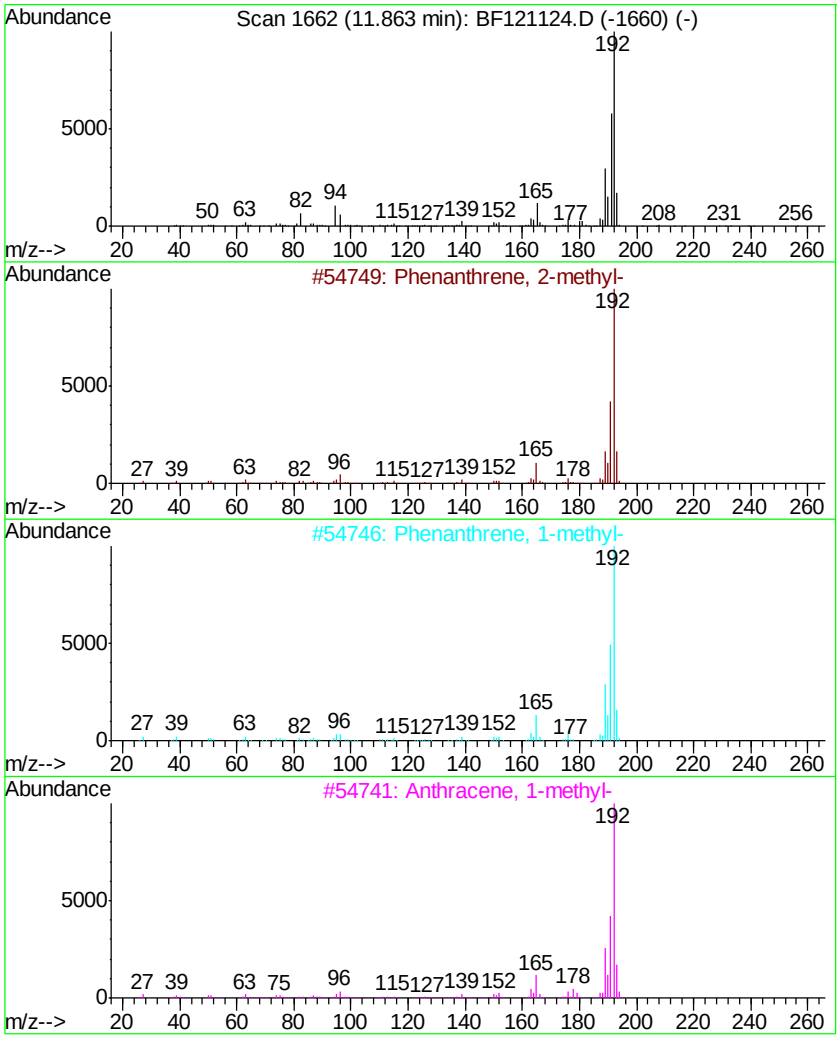
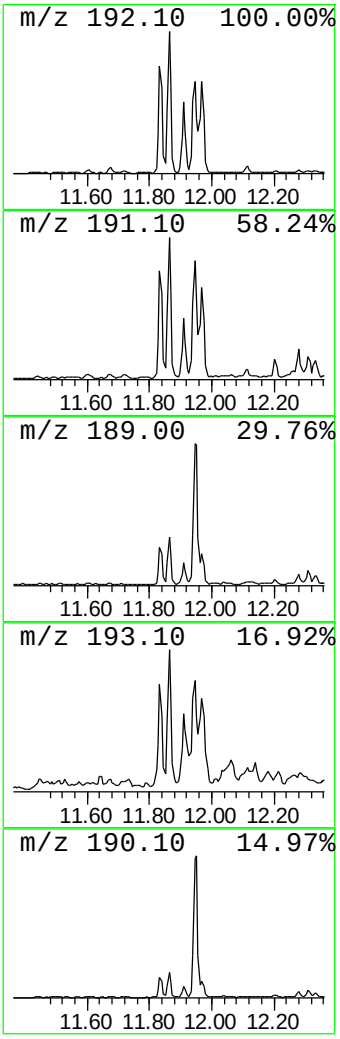
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.95 ng	335097	Phenanthrene-d10	11.33

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Operator : JU/CG
Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

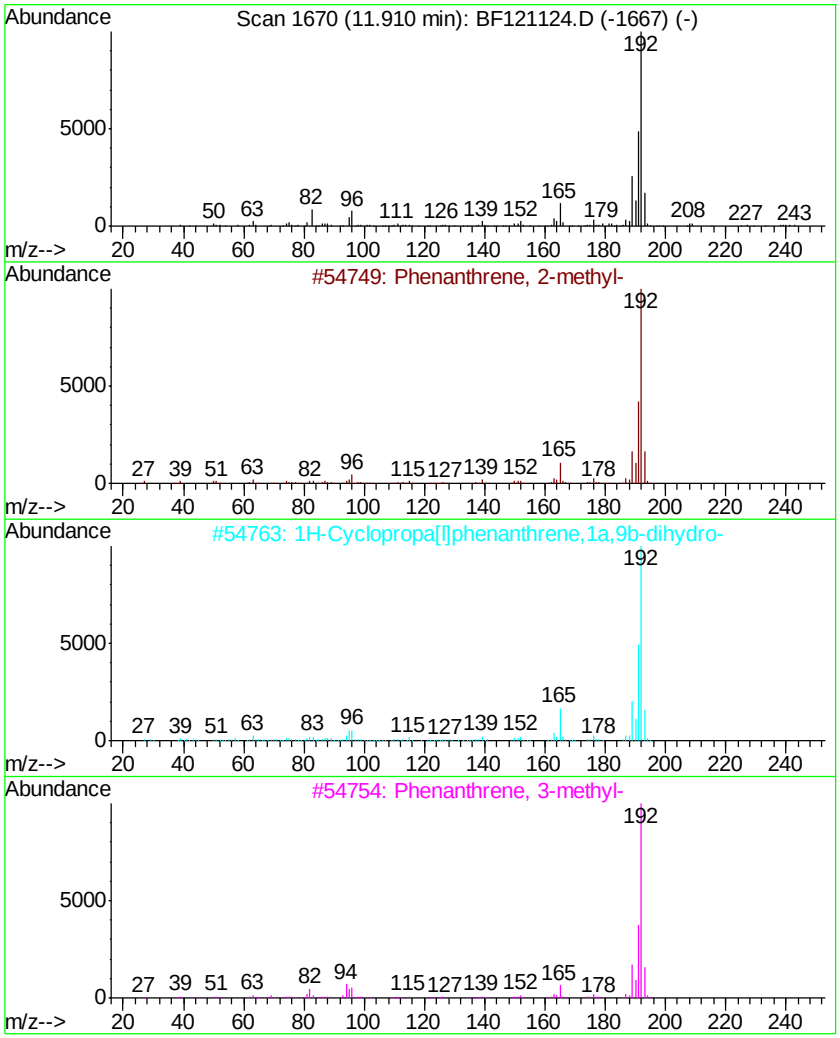
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

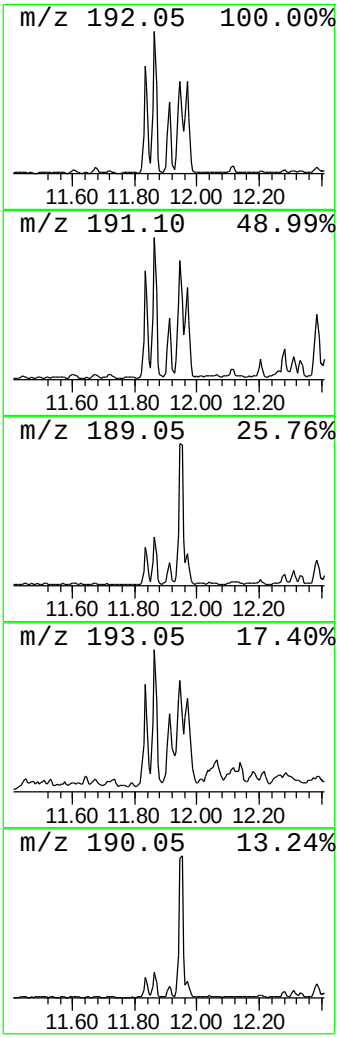
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.67 ng	180564	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121124.D
Acq On : 30 Jul 2020 2:34
Operator : JU/CG
Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

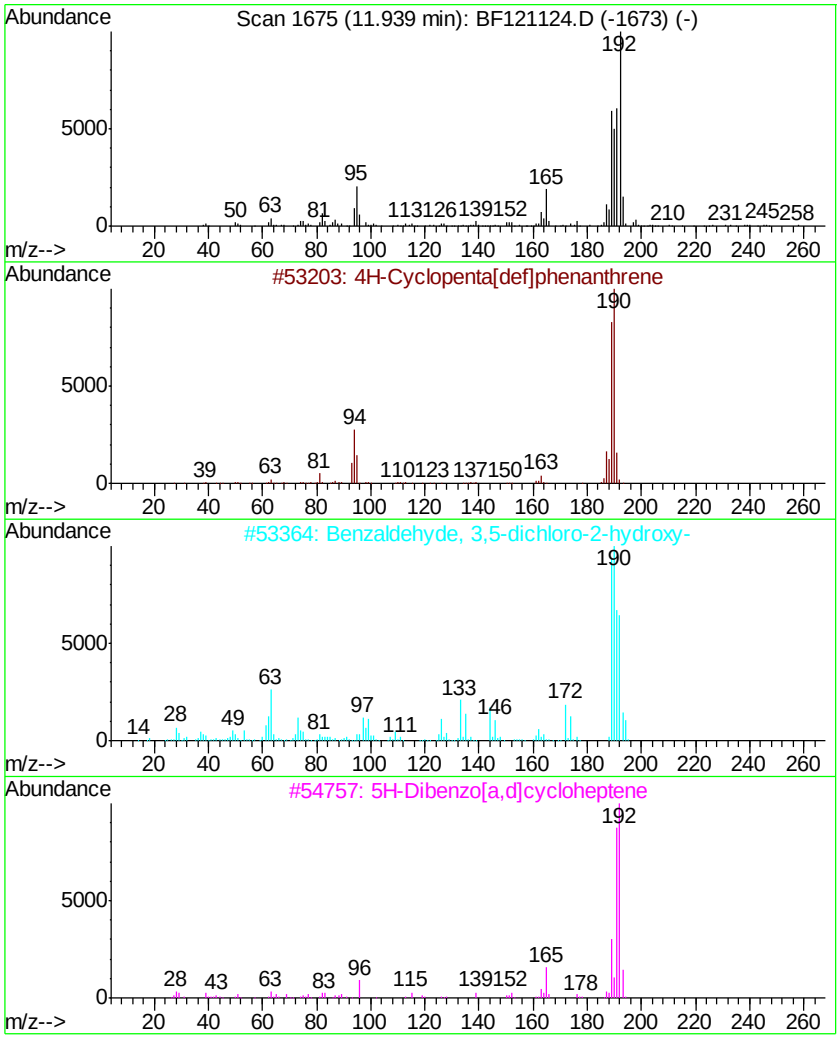
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

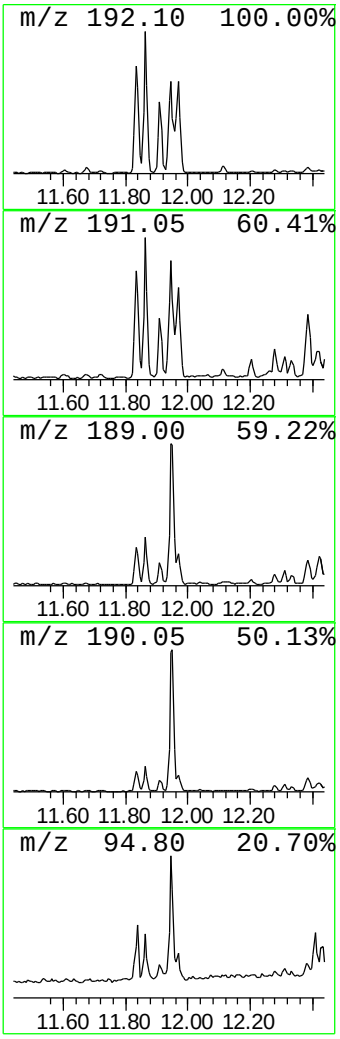
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	9.36 ng	633191	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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Sample : L3436-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : 3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

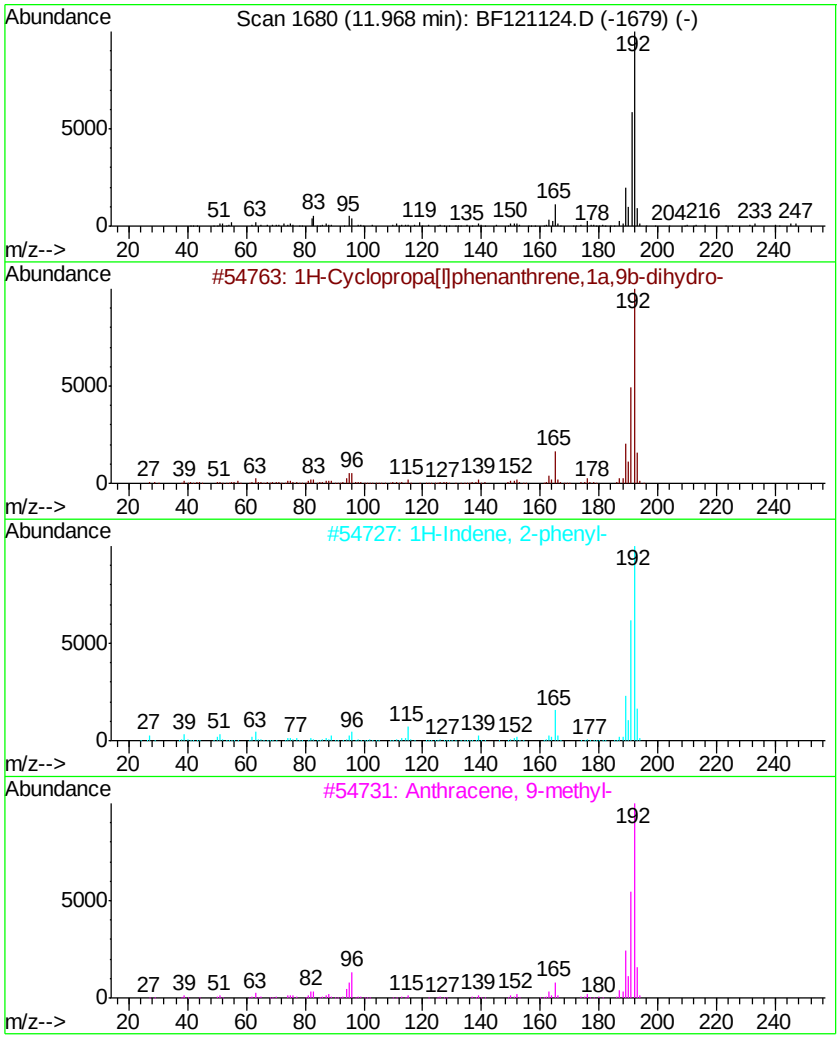
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

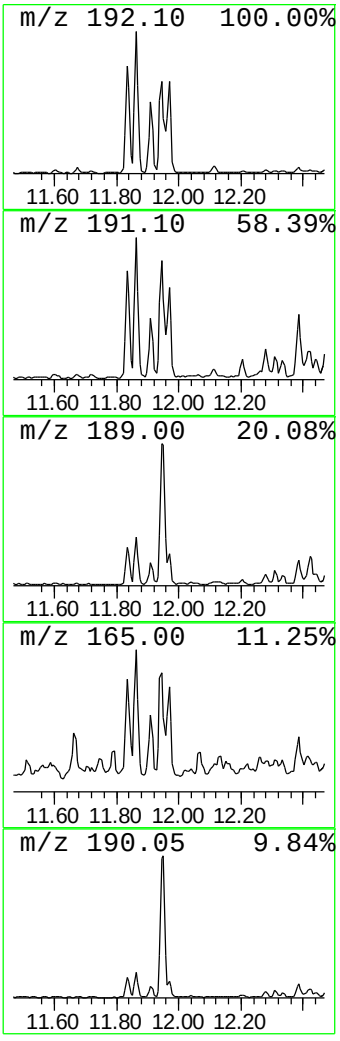
****

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.45 ng	166024	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





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Instrument : BNA_F
ClientSampleId : 3

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

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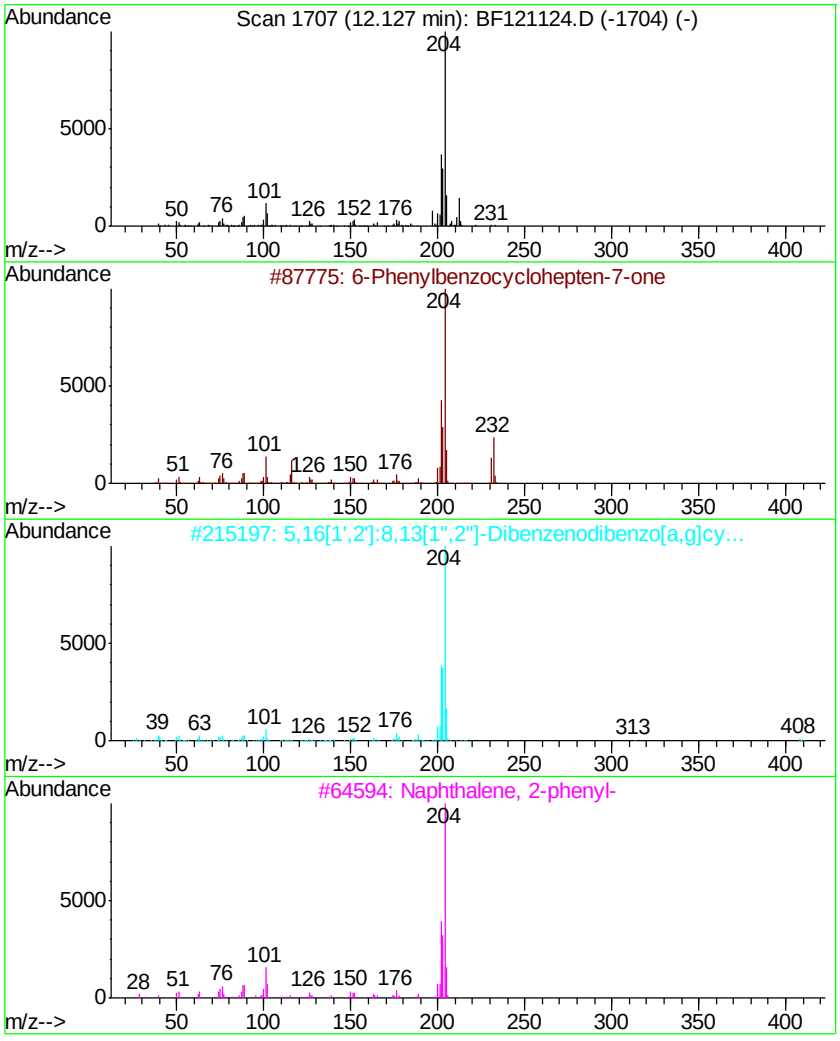
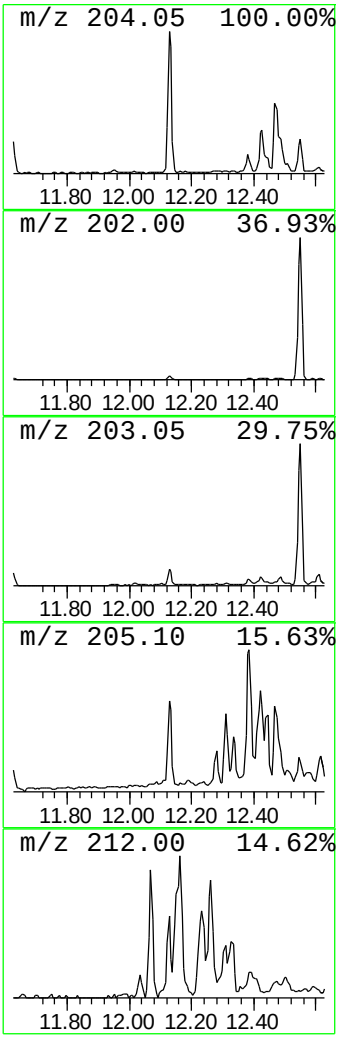
Peak Number 9 6-Phenylbenzocyclohepten-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.00 ng	203198	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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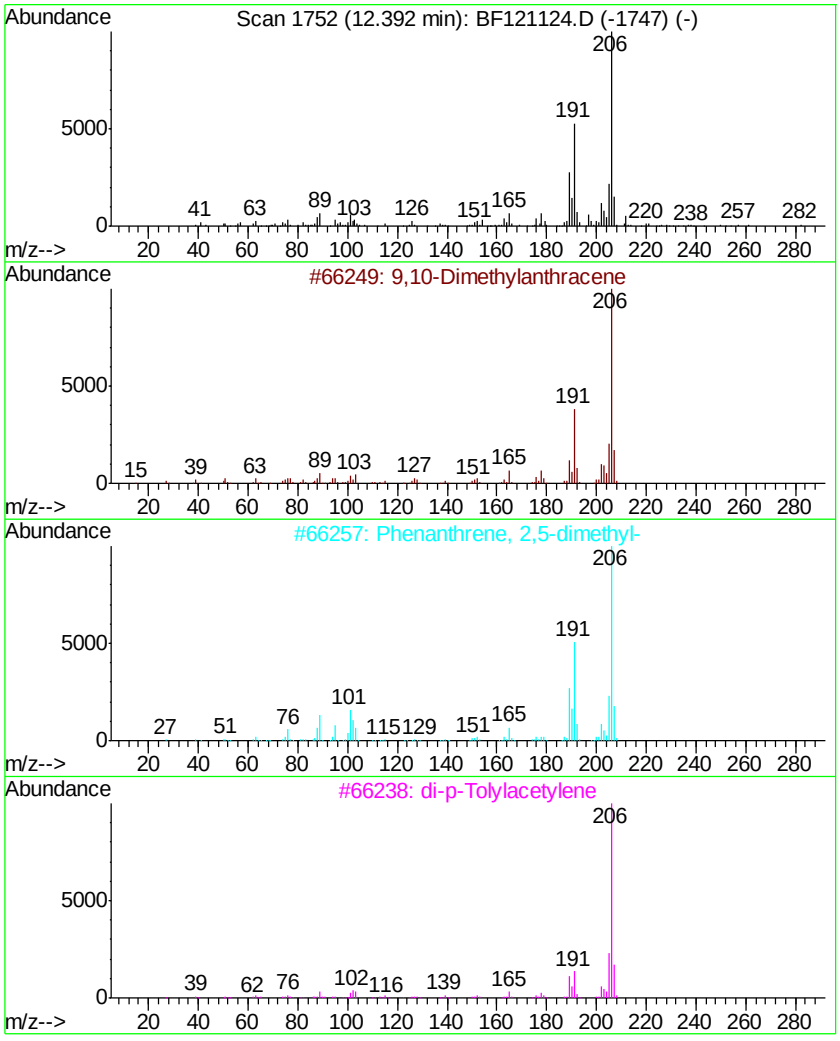
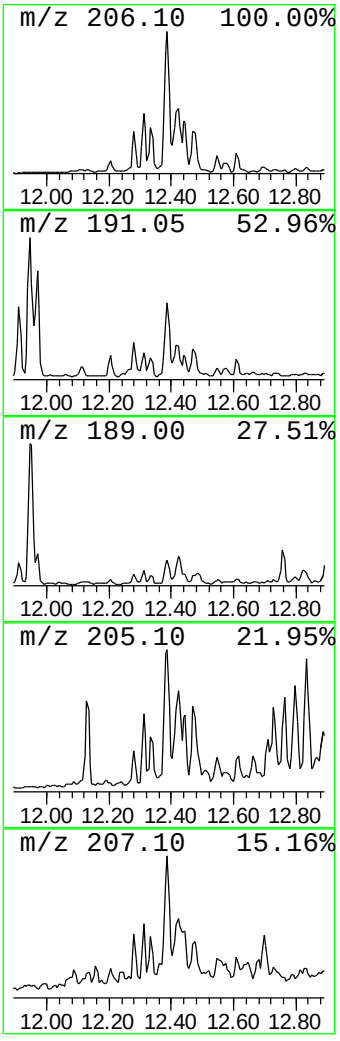
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.18 ng	282946	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





Library Search Compound Report

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Operator : JU/CG
Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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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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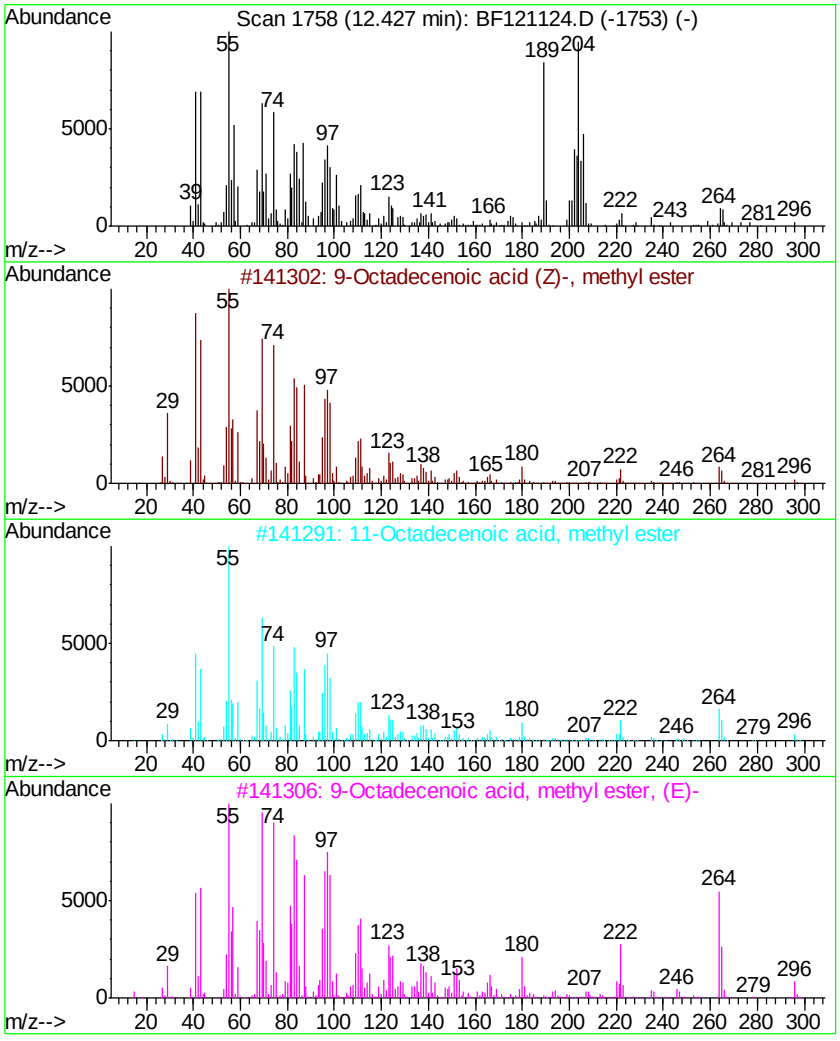
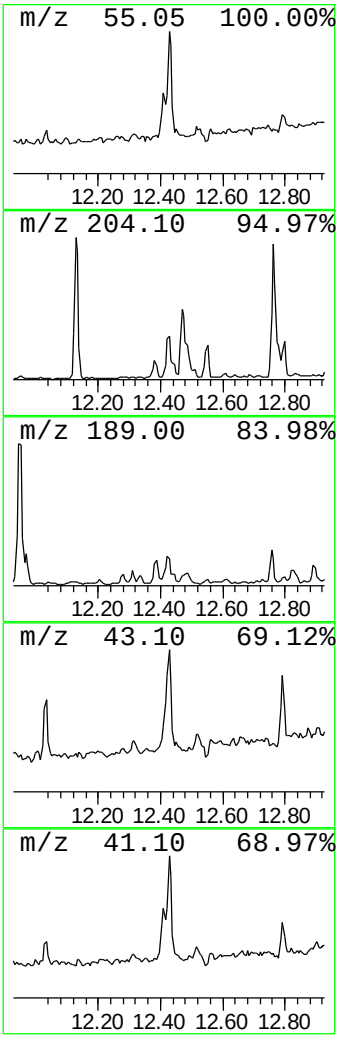
Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	8.73 ng	590600	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	66
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	66
4	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	56
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	55





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Acq On : 30 Jul 2020 2:34
Operator : JU/CG
Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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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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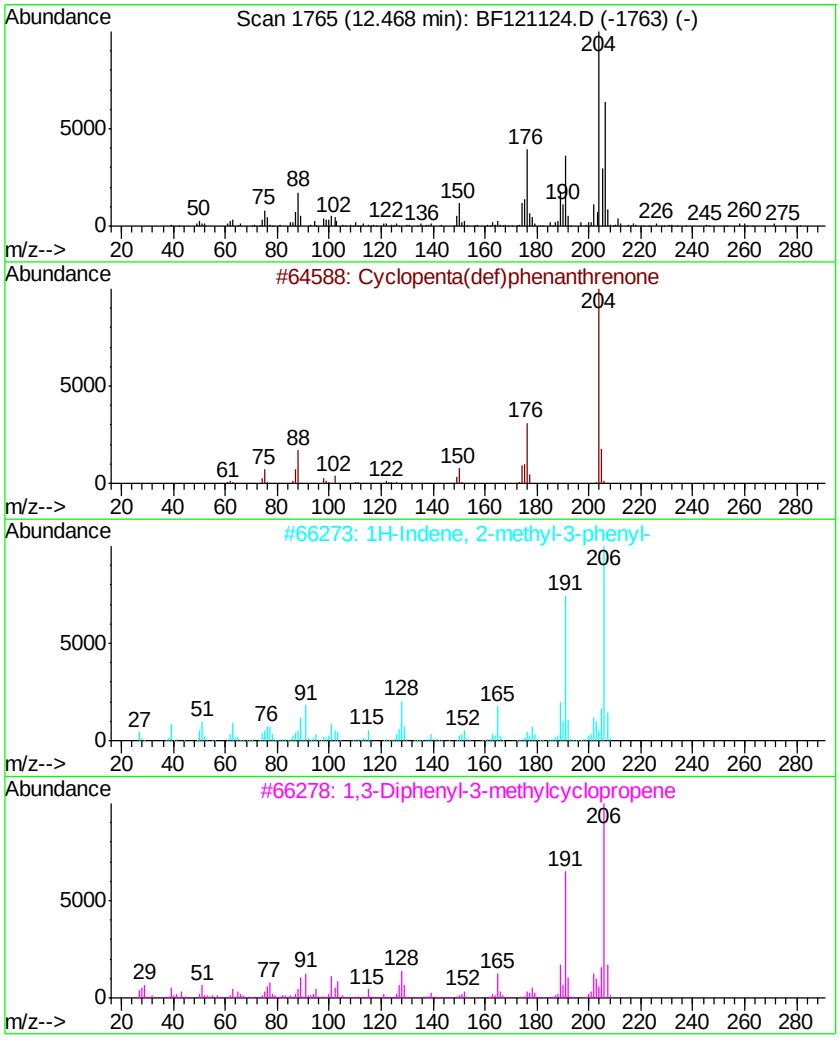
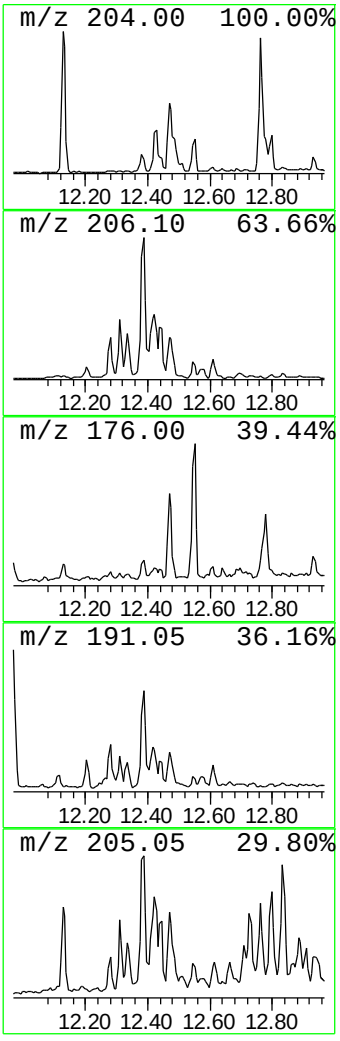
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.44 ng	164801	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	38
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	38





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Acq On : 30 Jul 2020 2:34
Operator : JU/CG
Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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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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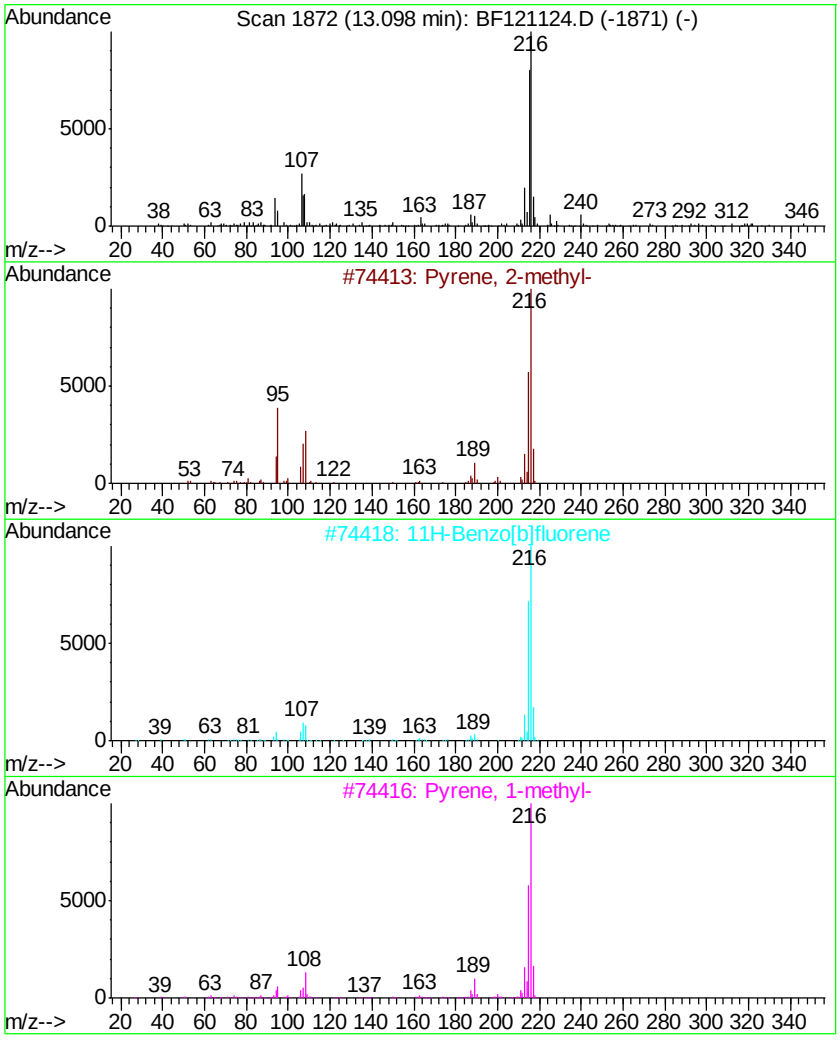
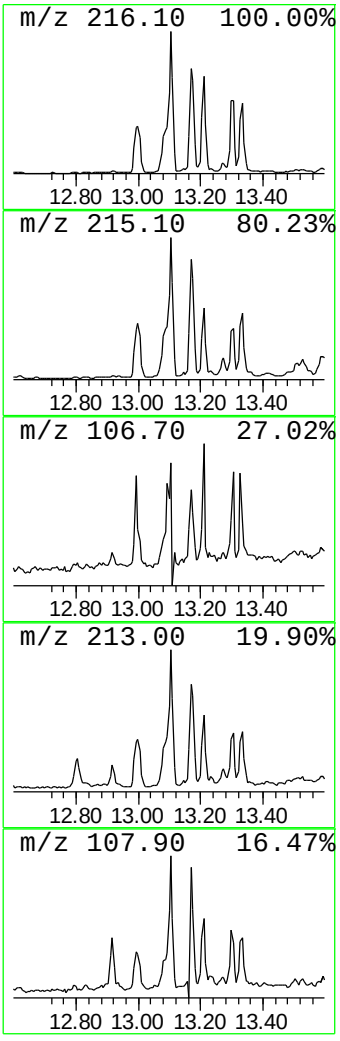
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.09 ng	344783	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Sample : L3436-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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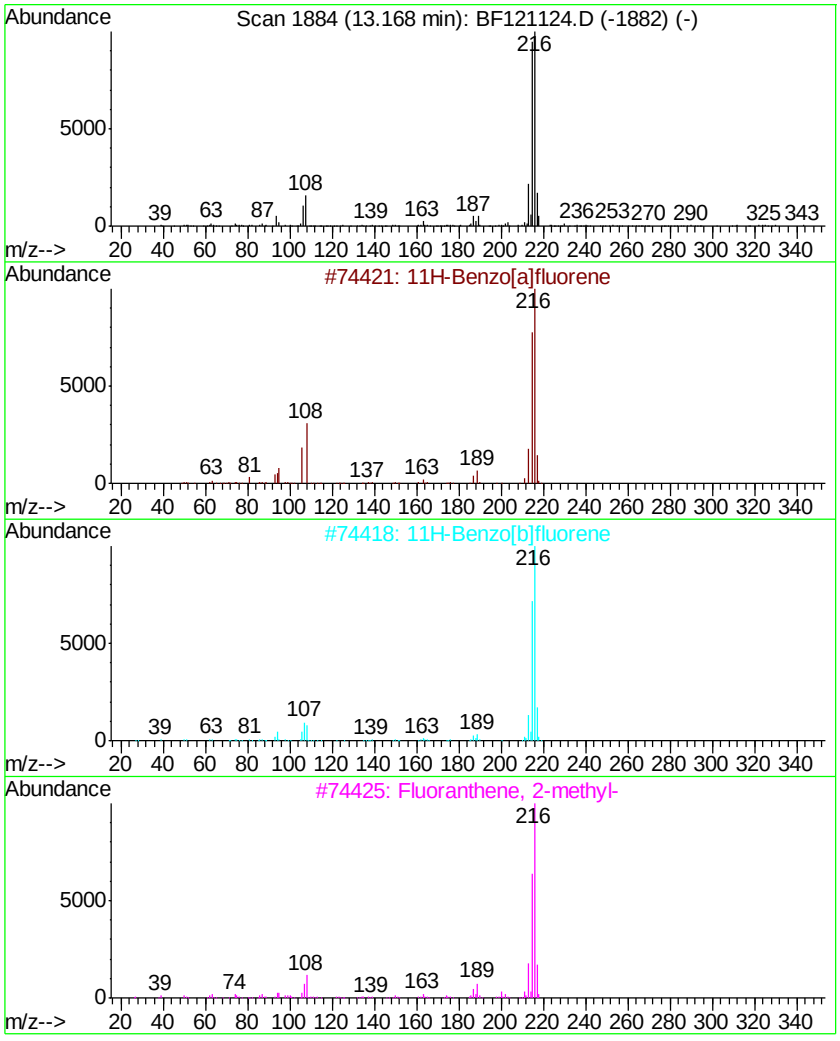
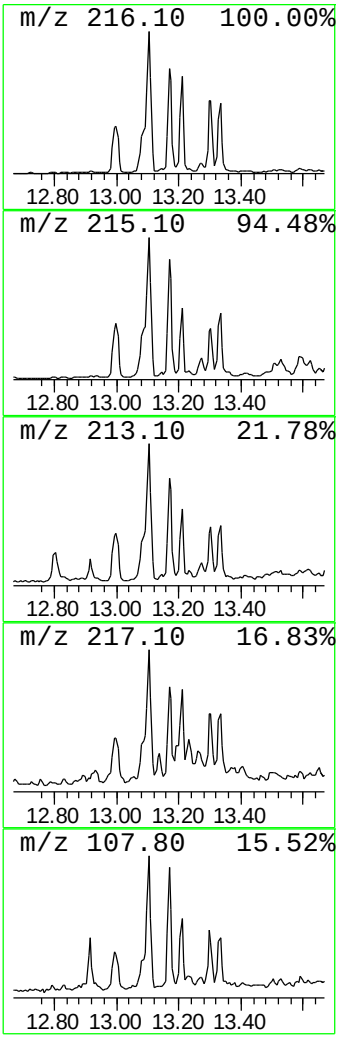
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.17 ng	242173	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	8H-Cyclohepta[4,5]thieno[3,2-E]-...	244	C12H12N4S	040106-83-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : 3

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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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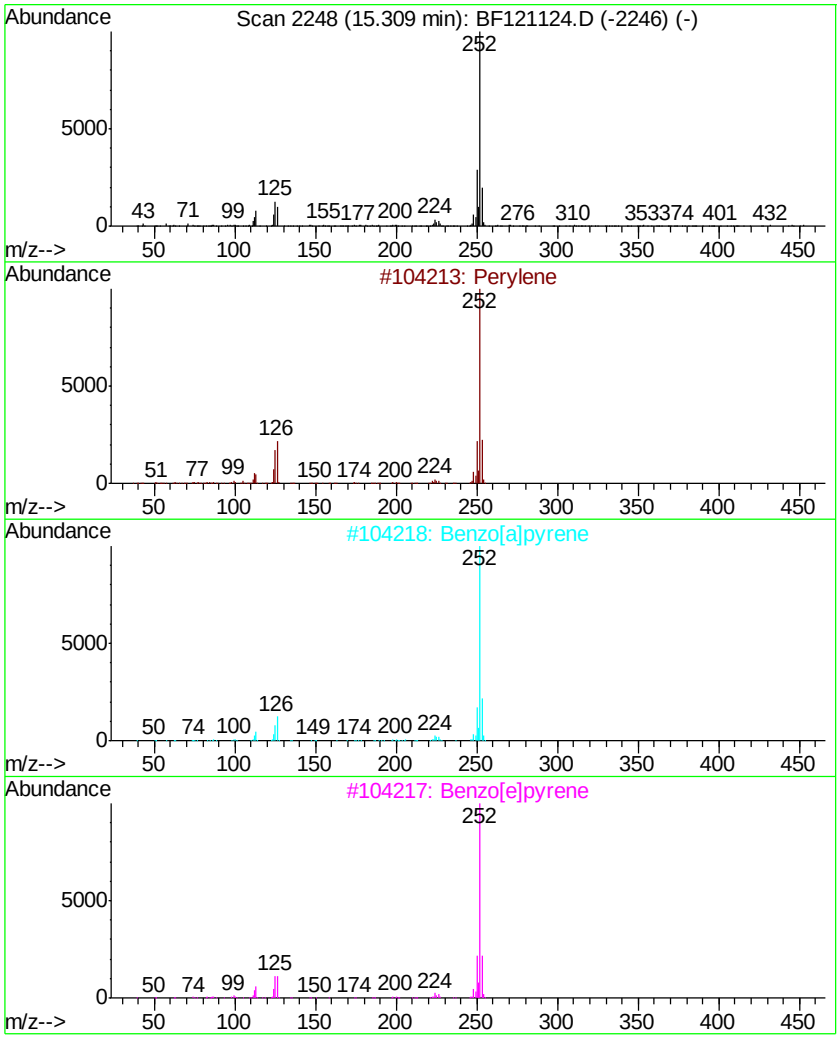
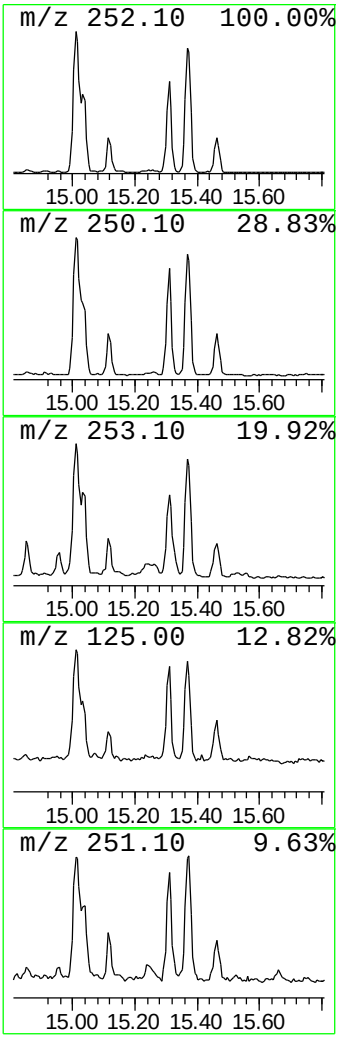
Peak Number 15 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	9.69 ng	389681	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentadecane, 2,6,...	10.76	3.3	ng	224918	4	11.33	1352960	20.0
Dibenzothiophene	11.23	3.0	ng	200917	4	11.33	1352960	20.0
Anthracene, 1-met...	11.83	4.6	ng	312005	4	11.33	1352960	20.0
Phenanthrene, 2-m...	11.86	5.0	ng	335097	4	11.33	1352960	20.0
1H-Cyclopropa[l]p...	11.91	2.7	ng	180564	4	11.33	1352960	20.0
4H-Cyclopenta[def...	11.94	9.4	ng	633191	4	11.33	1352960	20.0
1H-Indene, 2-phenyl-	11.97	2.5	ng	166024	4	11.33	1352960	20.0
6-Phenylbenzocycl...	12.13	3.0	ng	203198	4	11.33	1352960	20.0
9,10-Dimethylanth...	12.39	4.2	ng	282946	4	11.33	1352960	20.0
9-Octadecenoic ac...	12.43	8.7	ng	590600	4	11.33	1352960	20.0
Cyclopenta(def)ph...	12.47	2.4	ng	164801	4	11.33	1352960	20.0
Pyrene, 2-methyl-	13.10	3.1	ng	344783	5	13.97	2230970	20.0
11H-Benzo[a]fluorene	13.17	2.2	ng	242173	5	13.97	2230970	20.0
Perylene	15.31	9.7	ng	389681	6	15.43	803994	20.0