LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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	5.404	561	564	575	rBV	466850	437048	22.71%	1.640%
2	6.428	735	738	753	rBV	505973	466370	24.23%	1.750%
3	6.798	797	801	807	rBV	846122	748042	38.86%	2.807%
4	6.939	822	825	829	rBV	45894	51803	2.69%	0.194%
5	7.357	892	896	900	rBV	292172	270509	14.05%	1.015%
6	8.081	1013	1019	1021	rBV	1172649	998299	51.86%	3.745%
7	8.098	1021	1022	1026	rVB	105656	78939	4.10%	0.296%
8	8.792	1138	1140	1143	rVB	75659	55583	2.89%	0.209%
9	8.892	1154	1157	1161	rVB	66852	62266	3.23%	0.234%
10	9.104	1190	1193	1198	rBV4	35795	35919	1.87%	0.135%
11	9.157	1198	1202	1207	rVV	675009	594688	30.90%	2.231%
12	9.239	1212	1216	1221	rBV3	61017	75415	3.92%	0.283%
13	9.416	1243	1246	1250	rBV2	50691	71969	3.74%	0.270%
14	9.492	1256	1259	1262	rBV	87177	78544	4.08%	0.295%
15	9.522	1262	1264	1266	rVV	55128	43384	2.25%	0.163%
16	9.551	1266	1269	1273	rVV2	135666	168536	8.76%	0.632%
17	9.610	1277	1279	1284	rVB	57102	67284	3.50%	0.252%
18	9.698	1291	1294	1298	rBV	134050	129651	6.74%	0.486%
19	9.769	1304	1306	1310	rVB	56342	41570	2.16%	0.156%
20	9.833	1311	1317	1320	rBV	1250774	1138613	59.15%	4.272%
21	9.869	1320	1323	1326	rVV	157810	136763	7.11%	0.513%
22	9.939	1332	1335	1340	rBV2	38438	49668	2.58%	0.186%
23	9.992	1340	1344	1346	rBV5	23976	33445	1.74%	0.125%
24	10.039	1348	1352	1356	rVV	111228	107531	5.59%	0.403%
25	10.080	1356	1359	1364	rVV3	48839	49728	2.58%	0.187%
26	10.151	1368	1371	1374	rBV2	67839	75584	3.93%	0.284%
27	10.180	1374	1376	1379	rVV	39231	30969	1.61%	0.116%
28	10.245	1382	1387	1388	rBV2	50459	58711	3.05%	0.220%
29	10.263	1388	1390	1393	rVB2	60307	57134	2.97%	0.214%
30	10.333	1398	1402	1404	rBV5	30497	33125	1.72%	0.124%
31	10.380	1407	1410	1416	rVV	170276	179864	9.34%	0.675%
32	10.451	1416	1422	1423	rVV2	41184	53095	2.76%	0.199%
33	10.469	1423	1425	1427	rVV2	39910	42659	2.22%	0.160%
34	10.492	1427	1429	1432	rVV2	69446	70569	3.67%	0.265%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

35	10.539	1434	1437	1441	rVB2	59885	57873	3.01%	0.217%
36	10.622	1446	1451	1455	rVV	379849	375953	19.53%	1.411%
37	10.657	1455	1457	1463	rVB4	26726	43477	2.26%	0.163%
38	10.751	1468	1473	1477	rBV3	124384	175448	9.12%	0.658%
39	10.822	1480	1485	1487	rBV3	32579	52823	2.74%	0.198%
40	10.933	1499	1504	1506	rBV2	71014	80808	4.20%	0.303%
41	10.957	1506	1508	1511	rVB2	50331	47544	2.47%	0.178%
42	11.016	1516	1518	1521	rVB2	45856	36783	1.91%	0.138%
43	11.063	1521	1526	1528	rBV3	41250	66317	3.45%	0.249%
44	11.080	1528	1529	1535	rVV3	53043	49617	2.58%	0.186%
45	11.127	1535	1537	1540	rVB2	56348	45768	2.38%	0.172%
46	11.186	1545	1547	1550	rVV	82306	91319	4.74%	0.343%
47	11.216	1550	1552	1559	rVB	138857	152230	7.91%	0.571%
48	11.321	1566	1570	1572	rBV	1167463	1068354	55.50%	4.008%
49	11.345	1572	1574	1578	rVV	1167023	958015	49.77%	3.594%
50	11.398	1580	1583	1586	rVB	398013	321534	16.70%	1.206%
51	11.433	1586	1589	1592	rBV2	59592	71715	3.73%	0.269%
52	11.551	1607	1609	1612	rBV	82152	79735	4.14%	0.299%
53	11.616	1618	1620	1623	rBV	97166	76818	3.99%	0.288%
54	11.651	1624	1626	1632	rVB2	72608	88509	4.60%	0.332%
55	11.716	1634	1637	1640	rBV	205493	172161	8.94%	0.646%
56	11.821	1652	1655	1658	rBV	186750	183968	9.56%	0.690%
57	11.851	1658	1660	1664	rVB	266728	222098	11.54%	0.833%
58	11.898	1665	1668	1671	rBV	112273	103854	5.40%	0.390%
59	11.933	1671	1674	1677	rBV	343893	381958	19.84%	1.433%
60	12.027	1687	1690	1693	rVV2	74769	76705	3.99%	0.288%
61	12.057	1693	1695	1698	rVB	41247	35762	1.86%	0.134%
62	12.121	1703	1706	1708	rVV	168002	151498	7.87%	0.568%
63	12.145	1708	1710	1714	rVB2	69843	76474	3.97%	0.287%
64	12.251	1725	1728	1729	rBV	48431	42330	2.20%	0.159%
65	12.268	1729	1731	1734	rVB	65407	51925	2.70%	0.195%
66	12.304	1734	1737	1739	rBV2	78232	83456	4.34%	0.313%
67	12.374	1746	1749	1751	rBV	182164	182645	9.49%	0.685%
68	12.404	1751	1754	1755	rVV	599003	513020	26.65%	1.925%
69	12.421	1755	1757	1762	rVV2	794704	859453	44.65%	3.225%
70	12.463	1762	1764	1768	rVV2	135620	155790	8.09%	0.584%
71	12.510	1769	1772	1774	rVV2	141970	139118	7.23%	0.522%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

72	12.539	1774	1777	1780	rVV	2019915	1693909	88.00%	6.355%
73	12.580	1780	1784	1786	rVV3	47442	63373	3.29%	0.238%
74	12.633	1790	1793	1795	rBV	68822	65851	3.42%	0.247%
75	12.686	1800	1802	1806	rBV3	67463	69896	3.63%	0.262%
76	12.768	1810	1816	1819	rBV	1820493	1924824	100.00%	7.222%
77	12.816	1822	1824	1829	rVB2	73850	99069	5.15%	0.372%
78	12.886	1833	1836	1837	rBV2	87801	83622	4.34%	0.314%
79	12.910	1837	1840	1848	rVB2	585073	658776	34.23%	2.472%
80	12.986	1848	1853	1856	rBV2	139658	233052	12.11%	0.874%
81	13.039	1860	1862	1864	rBV3	44286	46015	2.39%	0.173%
82	13.068	1865	1867	1868	rBV2	92520	79077	4.11%	0.297%
83	13.092	1869	1871	1875	rVB	281437	259541	13.48%	0.974%
84	13.139	1877	1879	1880	rBV	61288	48427	2.52%	0.182%
85	13.163	1880	1883	1885	rVB	197917	172015	8.94%	0.645%
86	13.198	1885	1889	1892	rBV2	205779	215252	11.18%	0.808%
87	13.292	1902	1905	1907	rVB	113524	89519	4.65%	0.336%
88	13.321	1907	1910	1913	rBV	146806	136893	7.11%	0.514%
89	13.604	1955	1958	1963	rVB	126612	142708	7.41%	0.535%
90	13.715	1974	1977	1979	rVB3	113394	102068	5.30%	0.383%
91	13.739	1979	1981	1983	rBV	106069	78334	4.07%	0.294%
92	13.762	1983	1985	1990	rBV2	101974	126887	6.59%	0.476%
93	13.810	1991	1993	1996	rVB	150483	123500	6.42%	0.463%
94	13.962	2014	2019	2022	rBV2	1322800	1920061	99.75%	7.204%
95	13.992	2022	2024	2027	rVB	887509	673085	34.97%	2.525%
96	14.068	2035	2037	2040	rBV	126968	106016	5.51%	0.398%
97	15.004	2192	2196	2199	rBV	721910	1142001	59.33%	4.285%
98	15.298	2243	2246	2251	rVB	471382	602095	31.28%	2.259%
99	15.362	2253	2257	2262	rVB	606132	775190	40.27%	2.908%
100	15.421	2263	2267	2270	rBV	709731	956540	49.69%	3.589%

Sum of corrected areas: 26653728

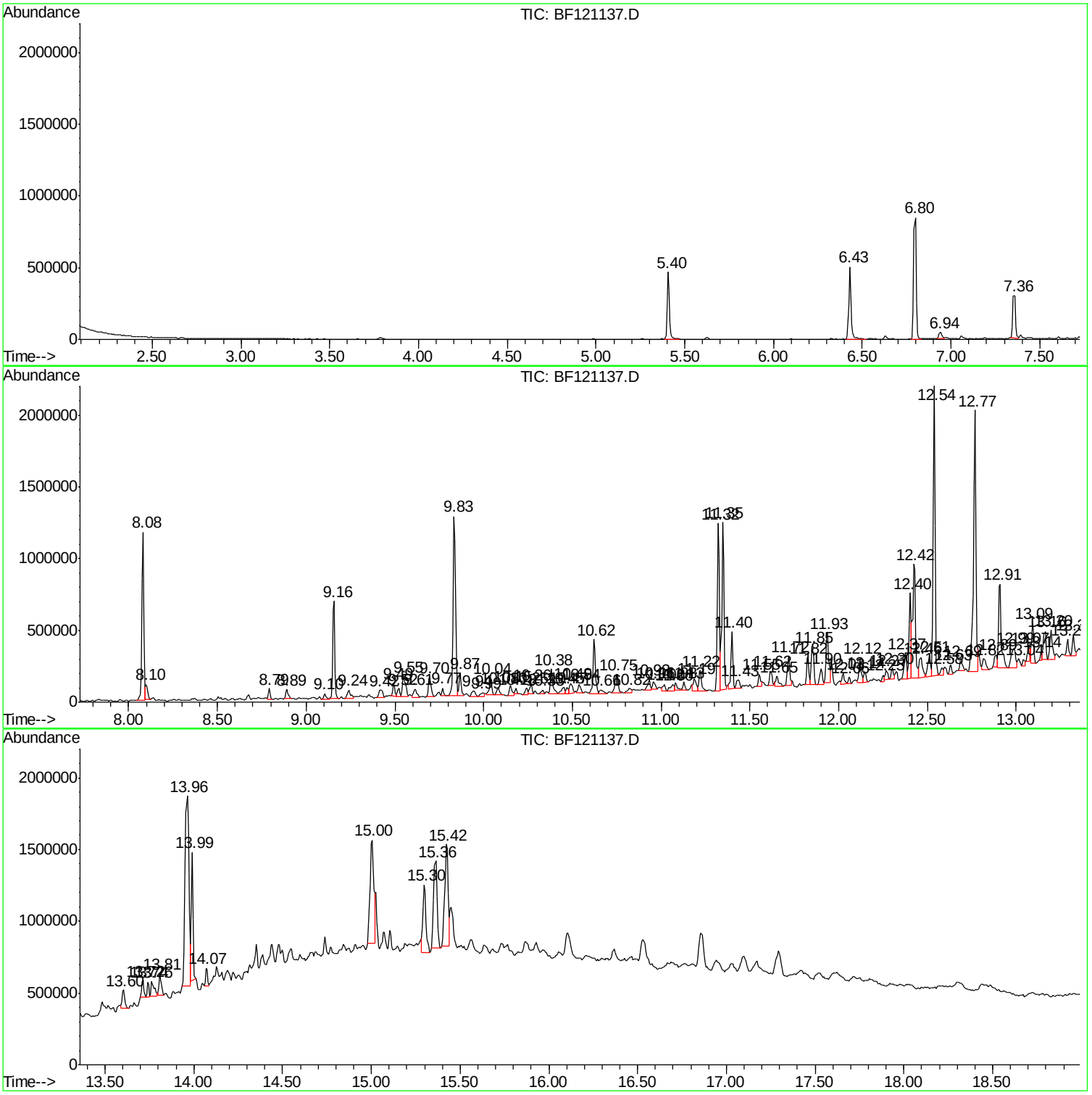
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

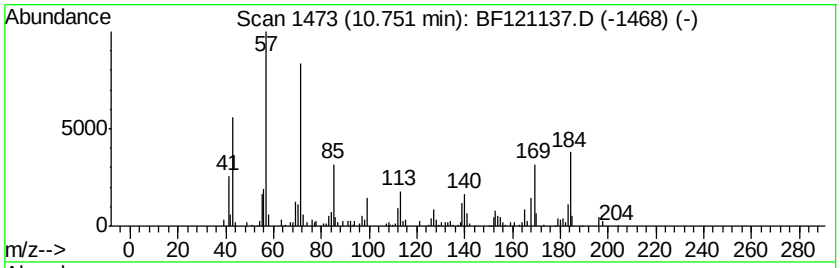
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

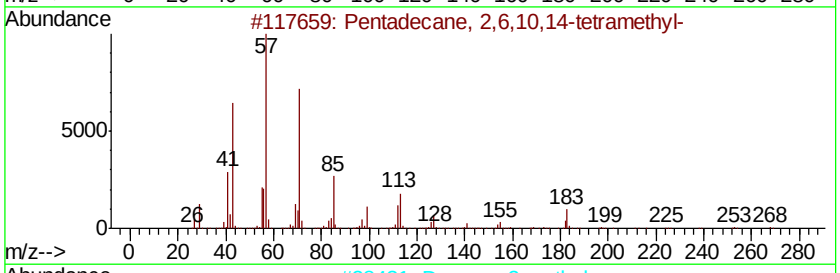
****

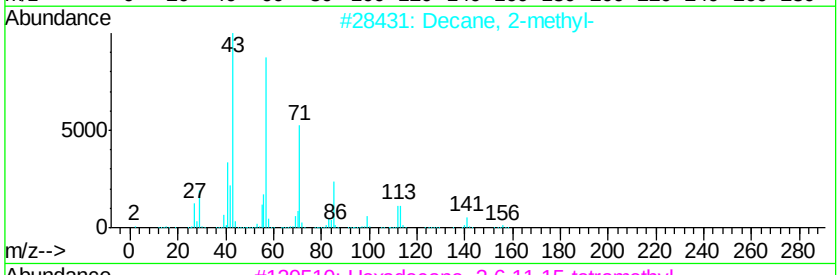
Peak Number 1 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

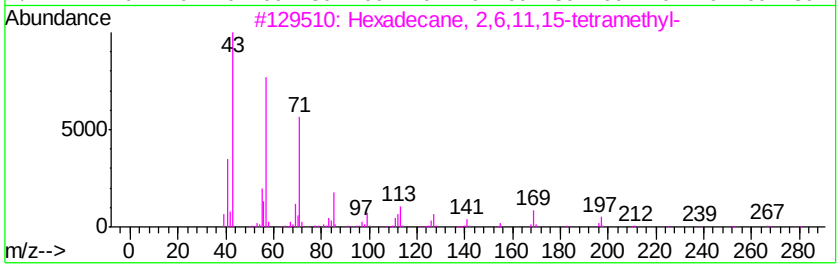
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.28 ng	175448	Phenanthrene-d10	11.32

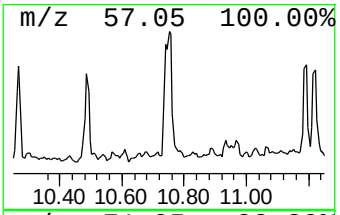
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
2	Decane, 2-methyl-	156	C11H24	006975-98-0	50
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	49
4	4-Imidazolidinone, 2,2-dimethyl-...	169	C8H15N3O	142071-78-1	46
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	46

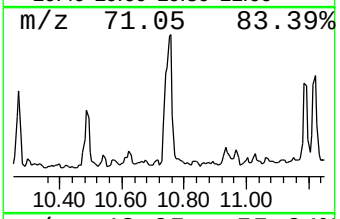


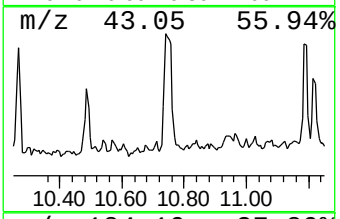


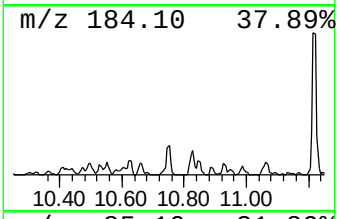


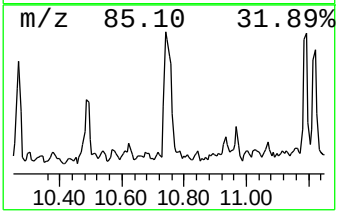












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

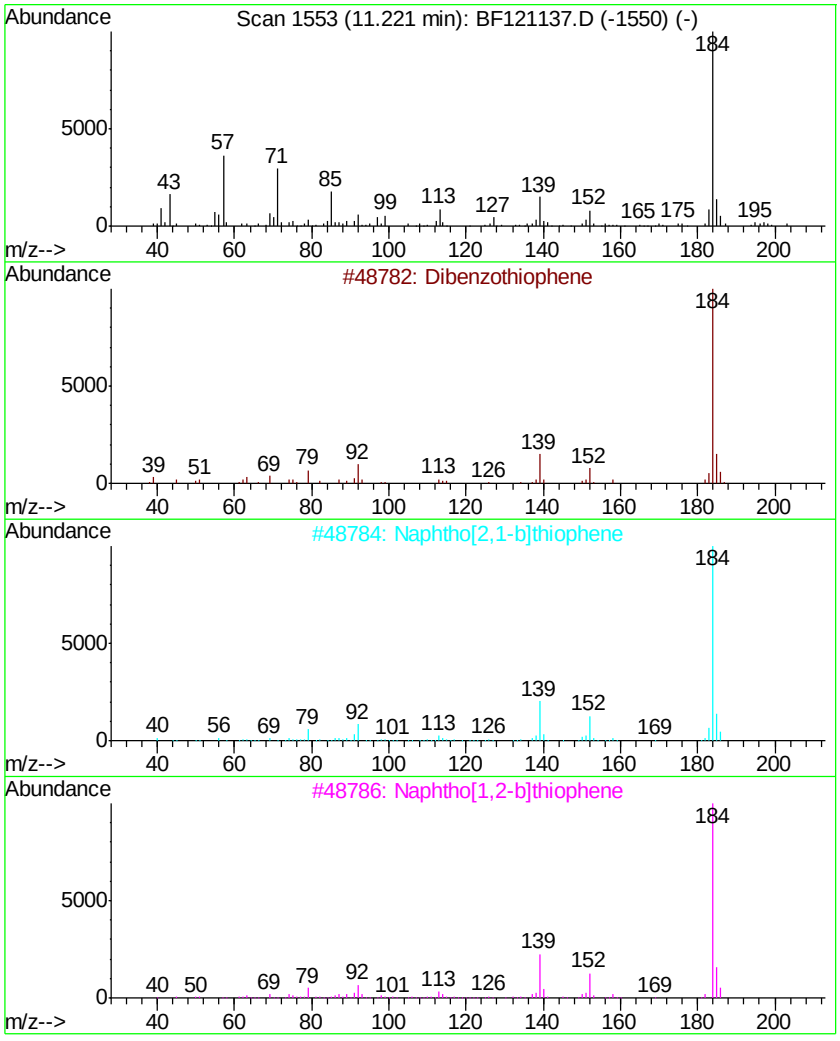
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

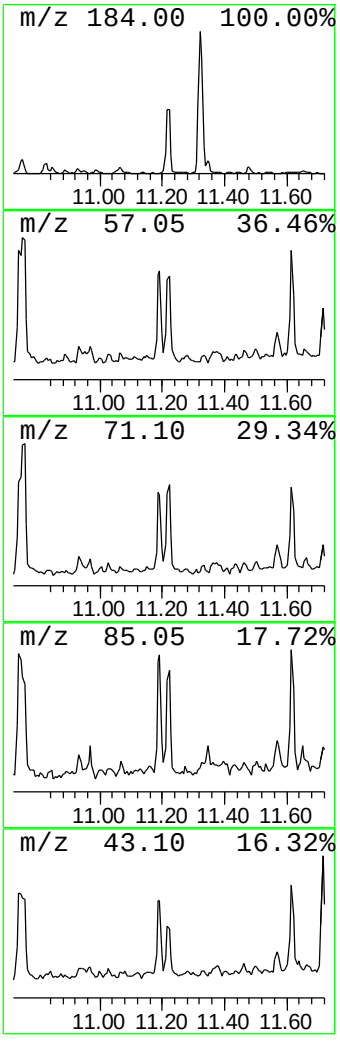
****

Peak Number 2 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.85 ng	152230	Phenanthrene-d10	11.32

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	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	86
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

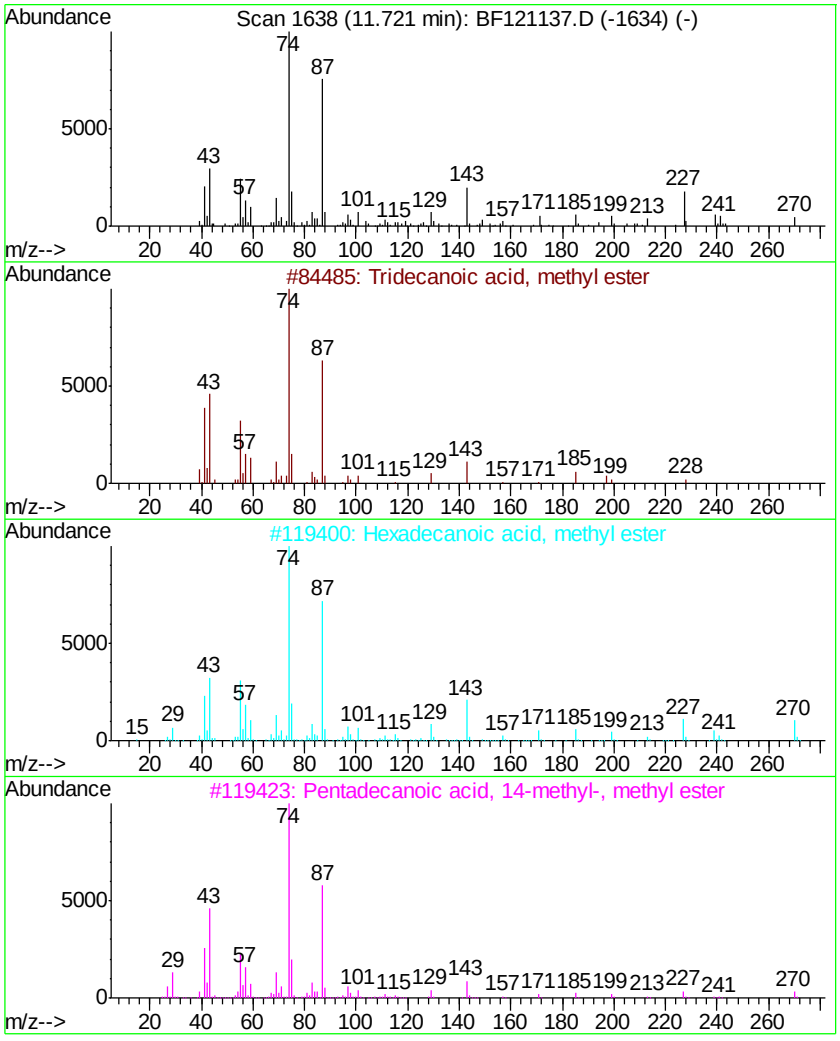
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

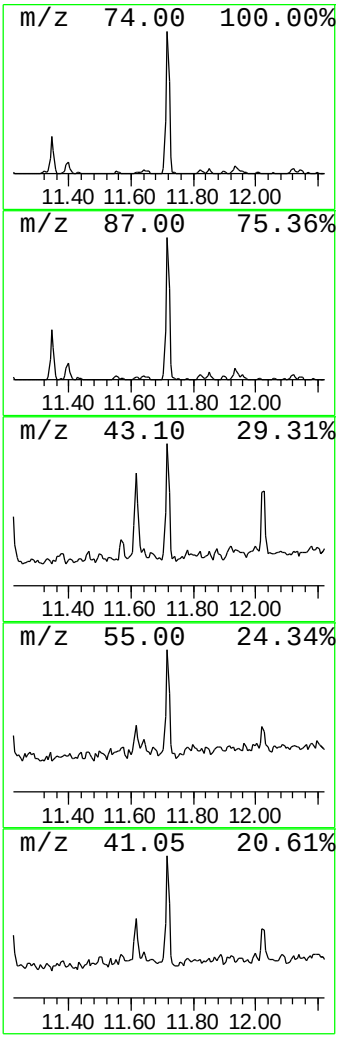
****

Peak Number 3 Tridecanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.22 ng	172161	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	86
4	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	81
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

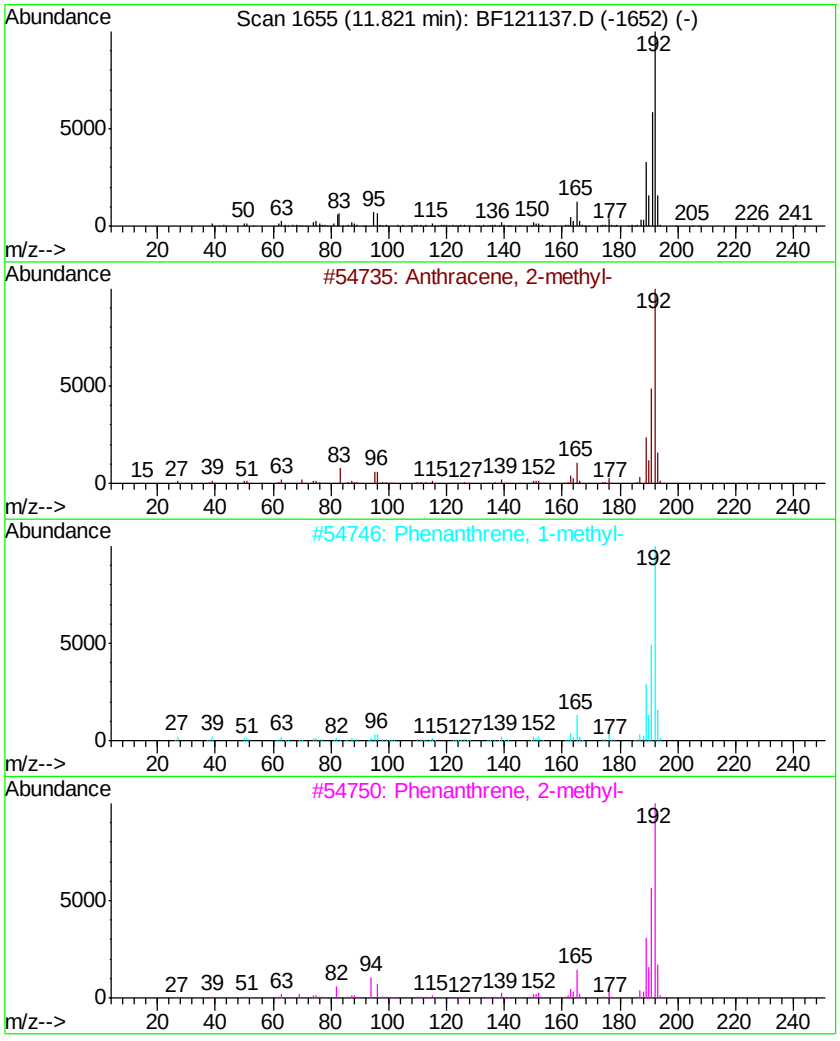
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

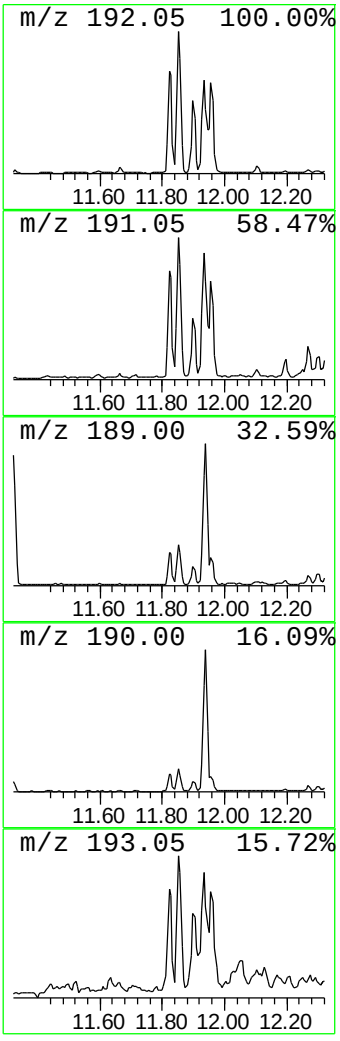
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.44 ng	183968	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

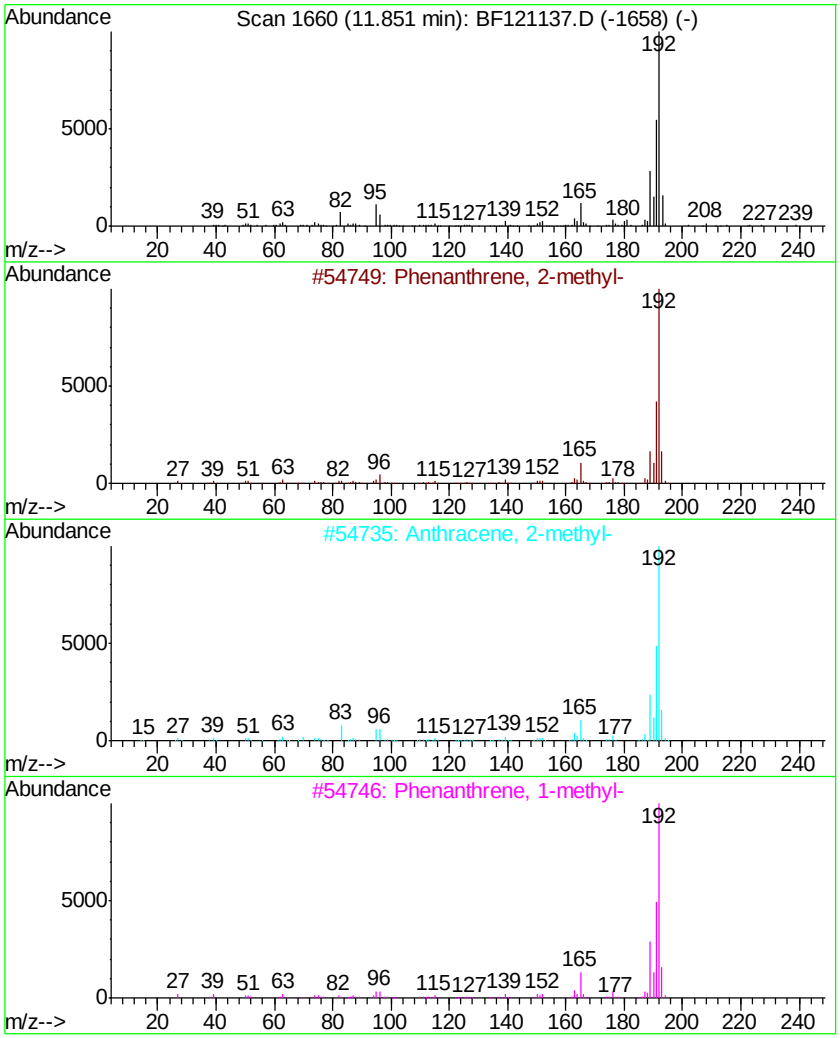
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

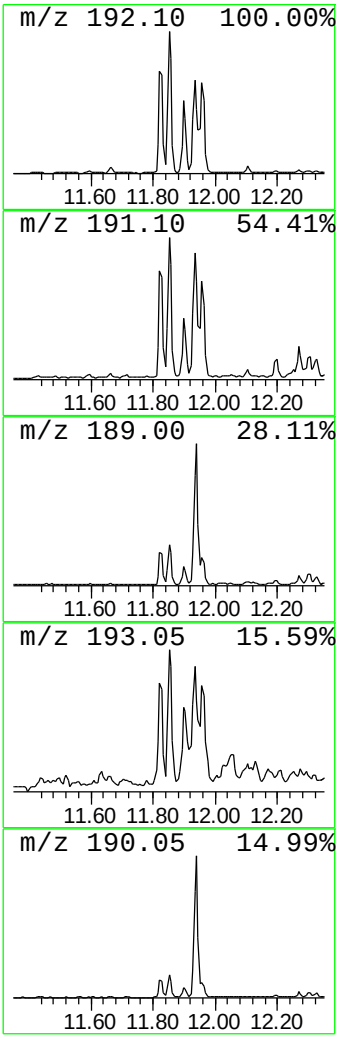
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.16 ng	222098	Phenanthrene-d10	11.32

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	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Library Search Compound Report

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Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

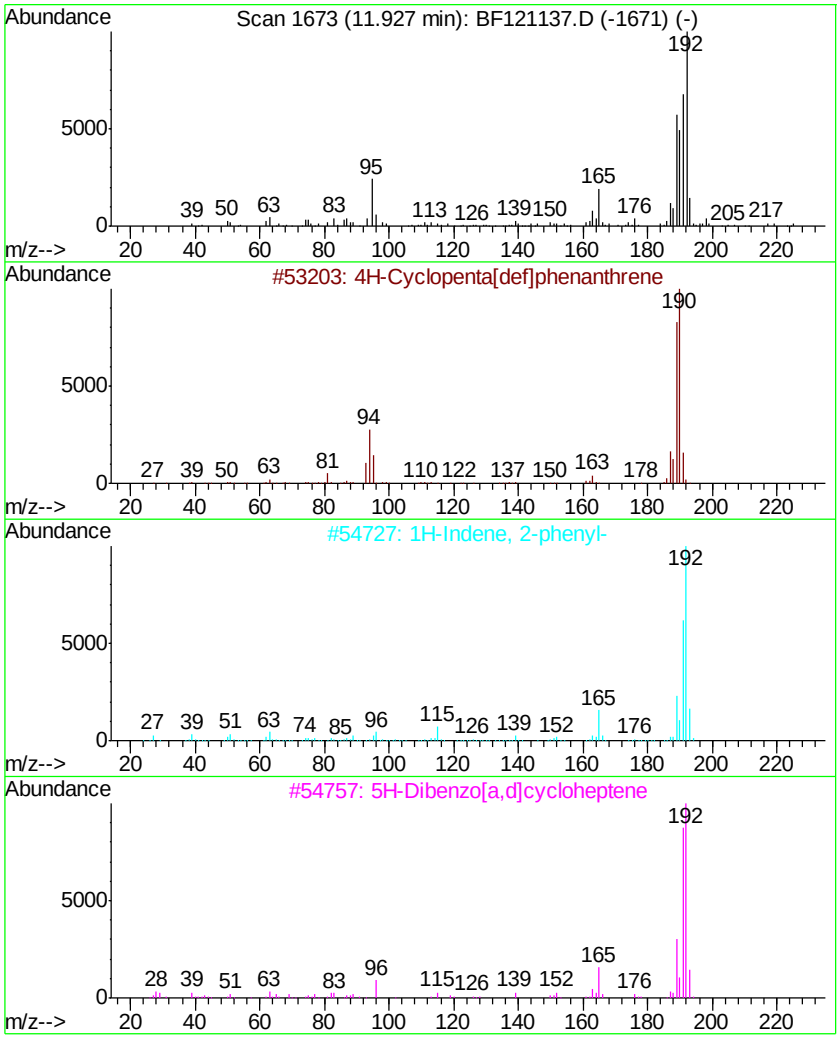
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

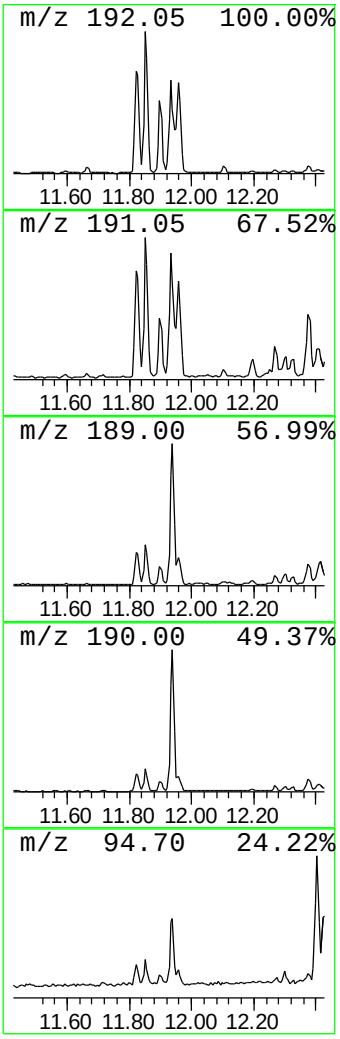
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.15 ng	381958	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





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Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

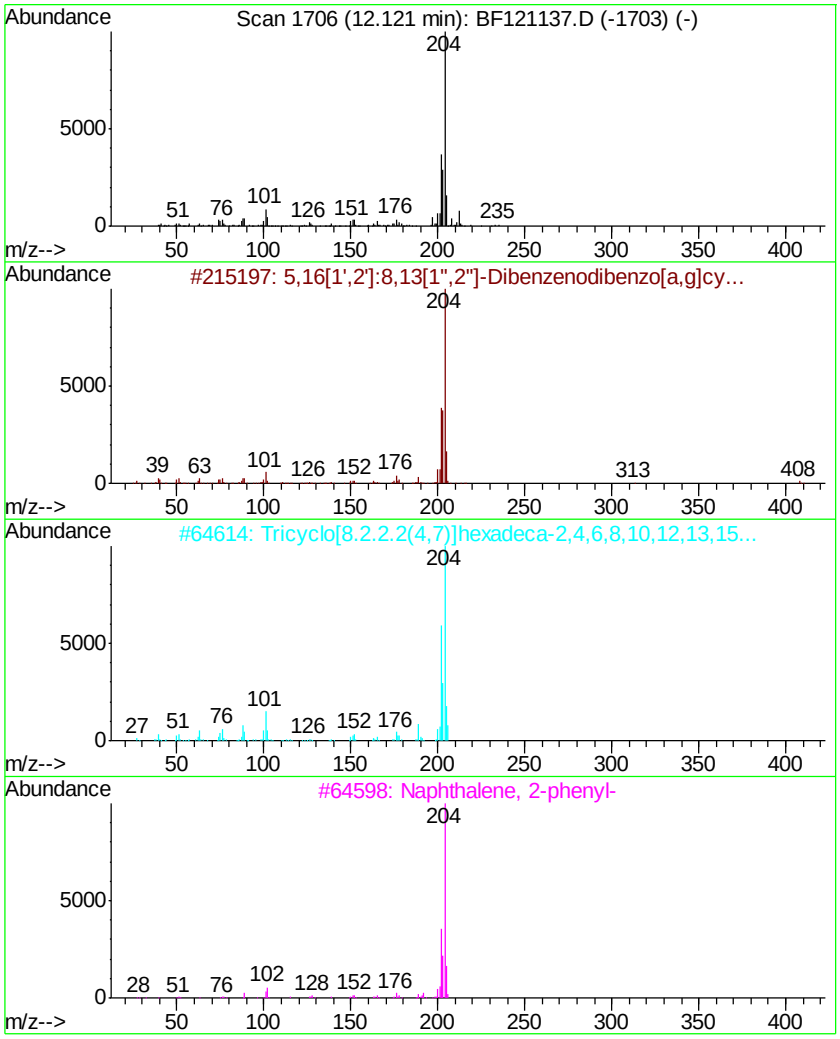
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

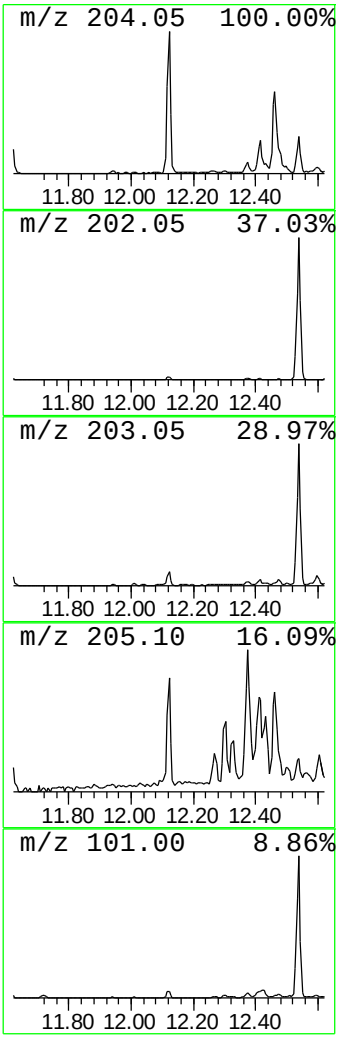
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.84 ng	151498	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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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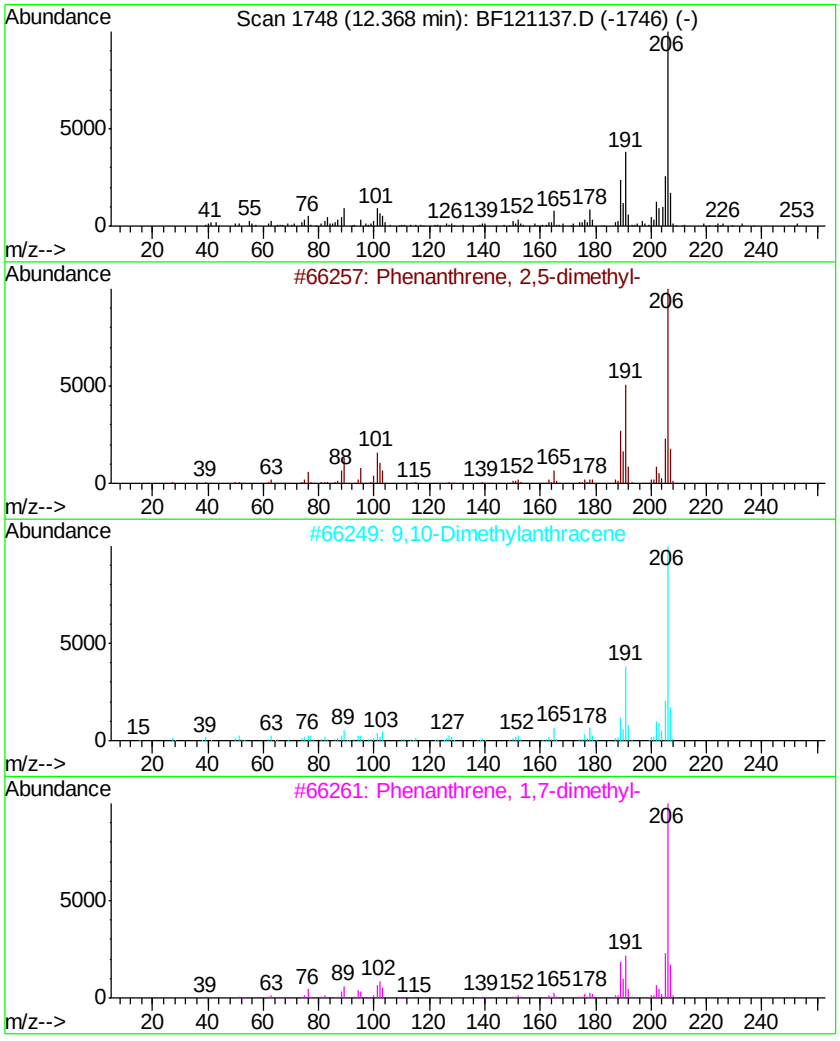
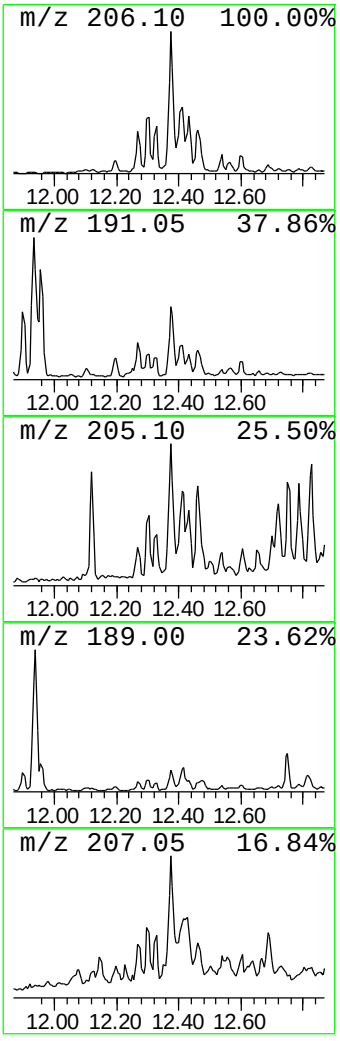
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.42 ng	182645	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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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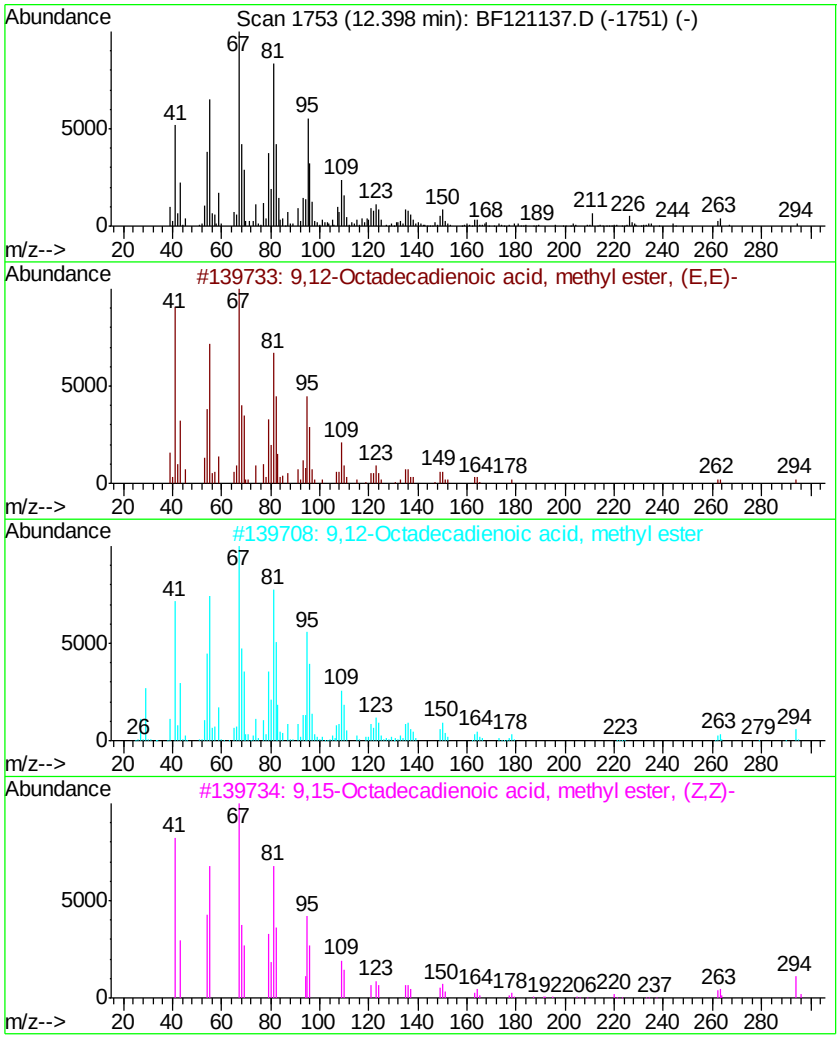
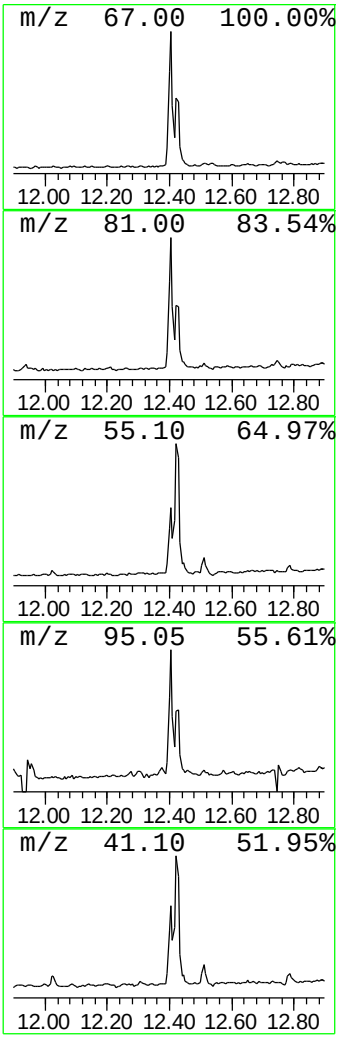
Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	9.60 ng	513020	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





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Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

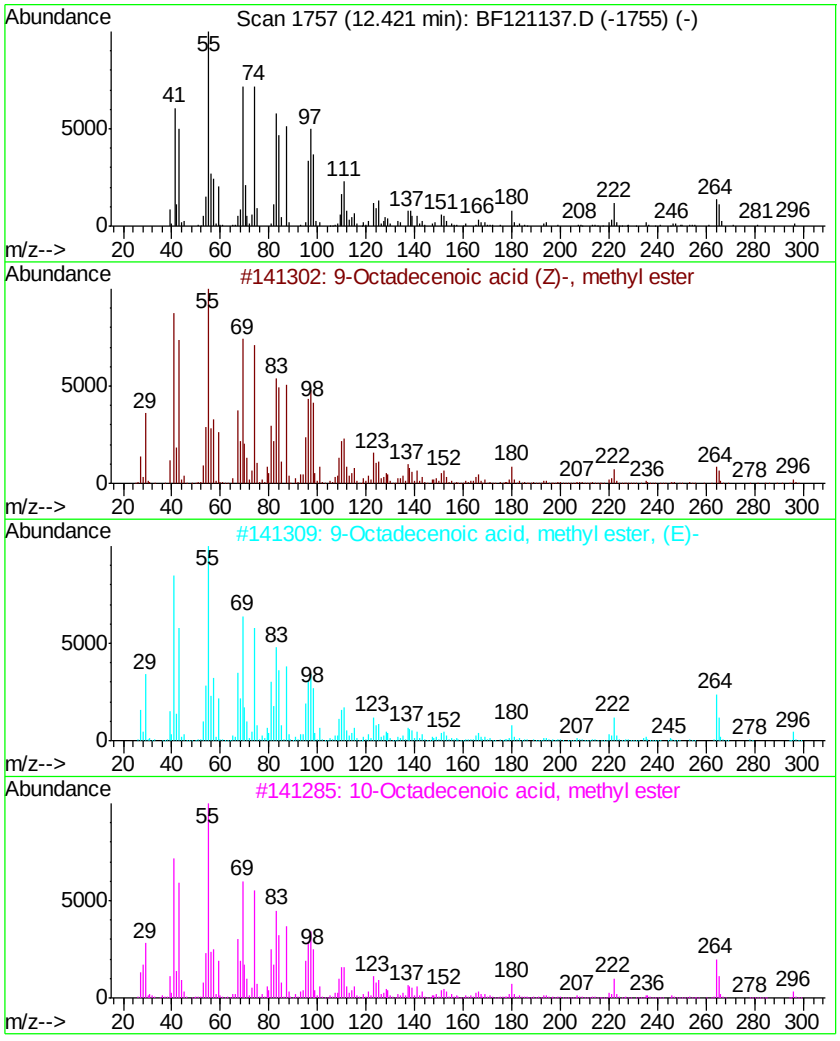
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

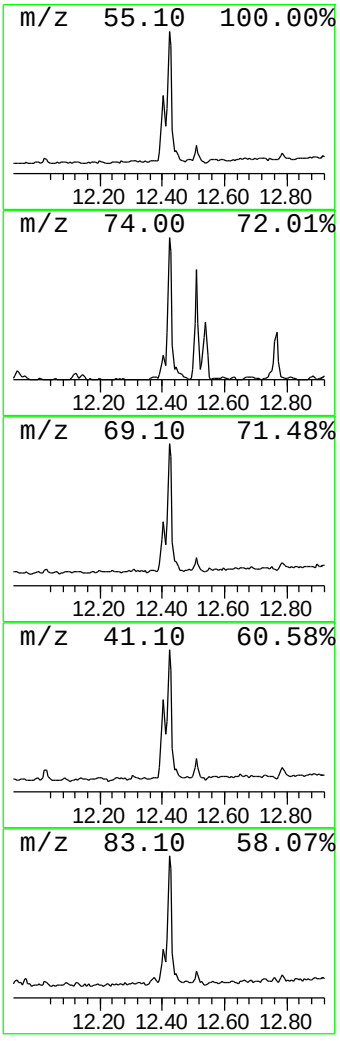
****

Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	16.09 ng	859453	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	93
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91





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Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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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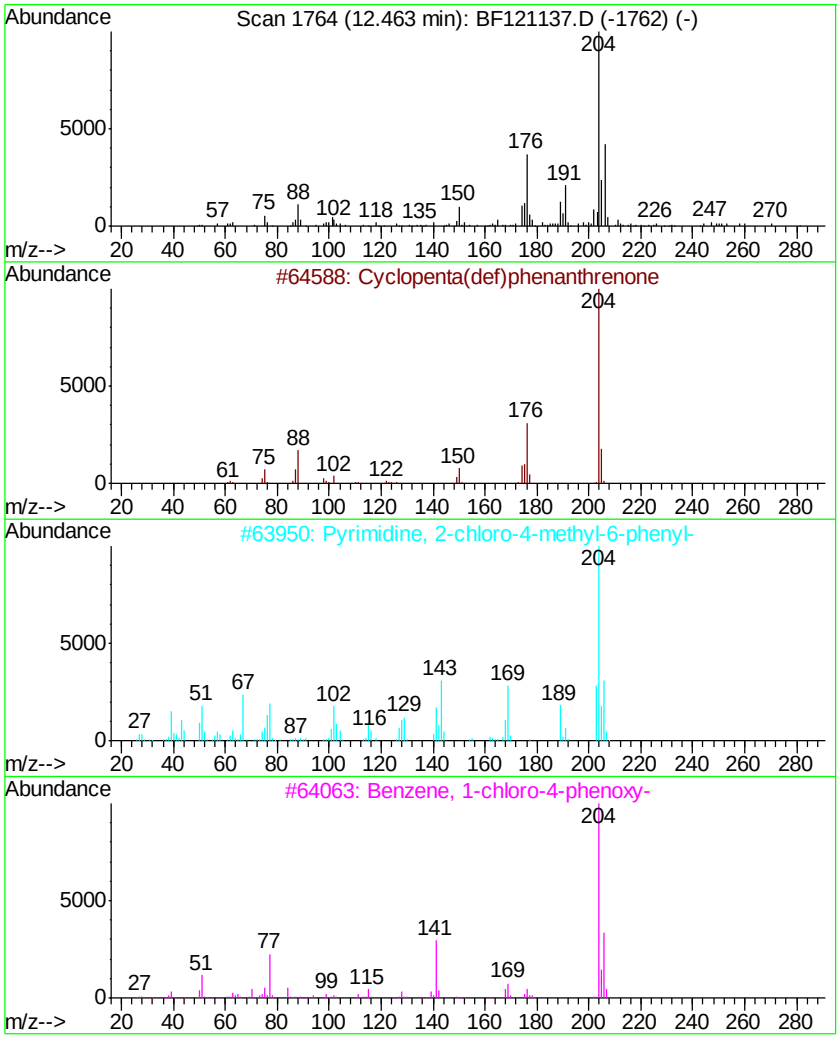
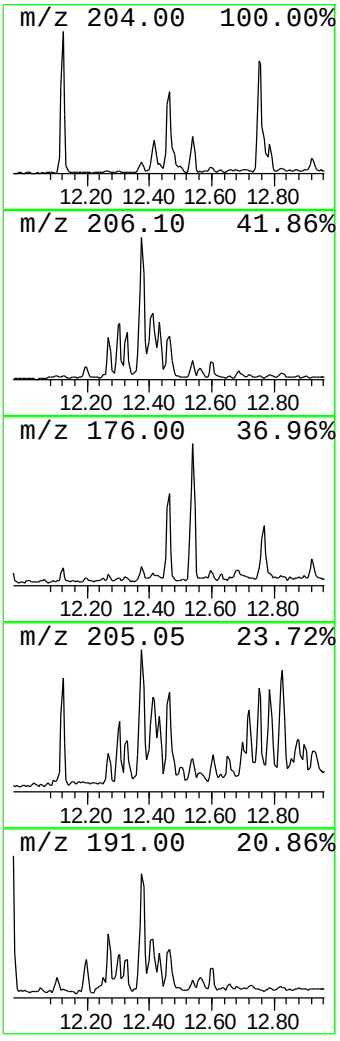
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.92 ng	155790	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
3	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
5	[1,1'-Biphenyl-3-ol], 6-chloro-	204	C12H9ClO	021345-13-1	43





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Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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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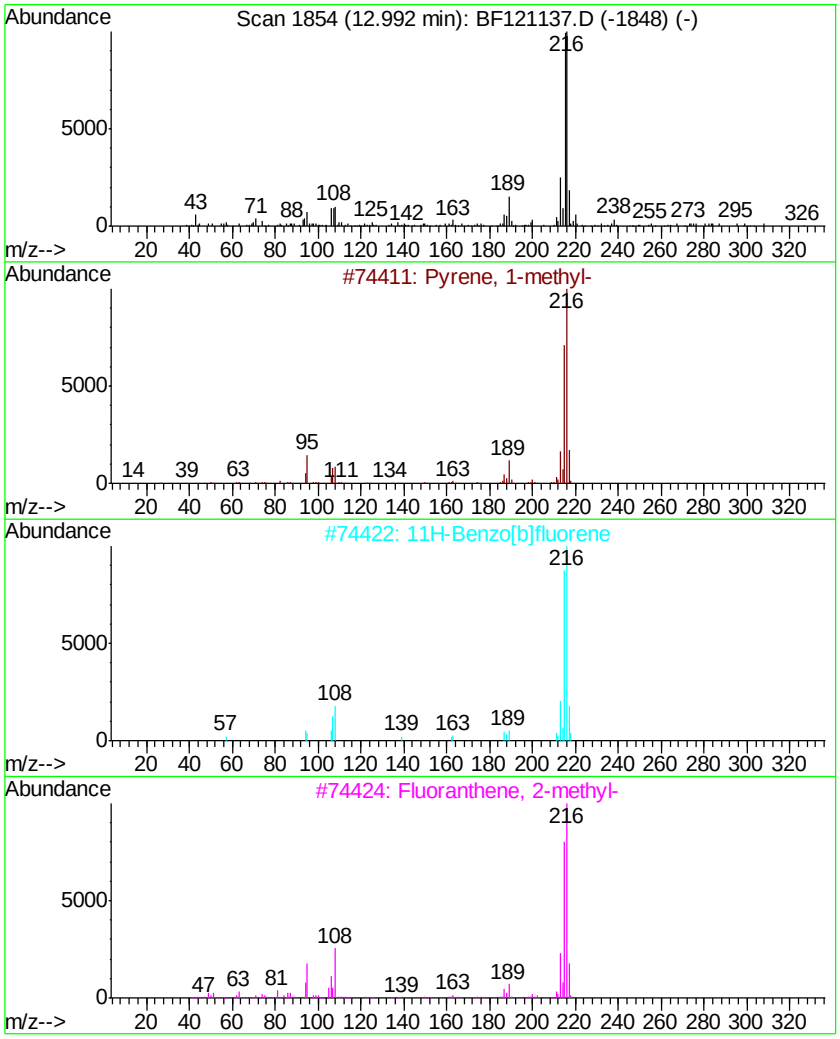
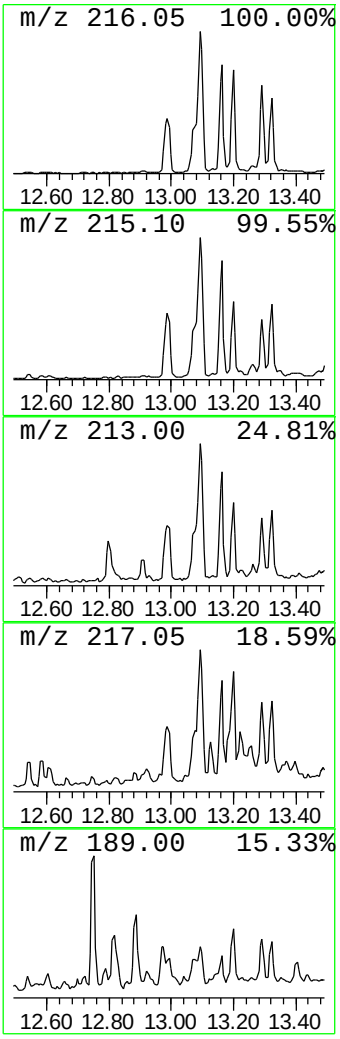
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.43 ng	233052	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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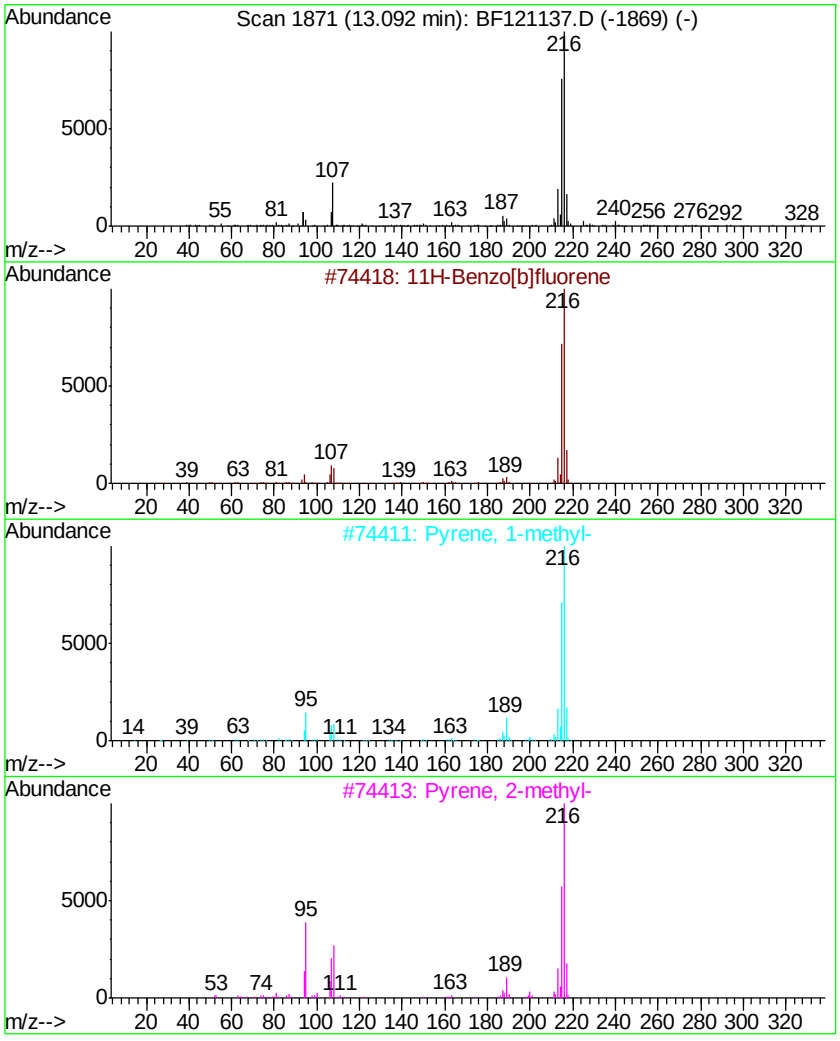
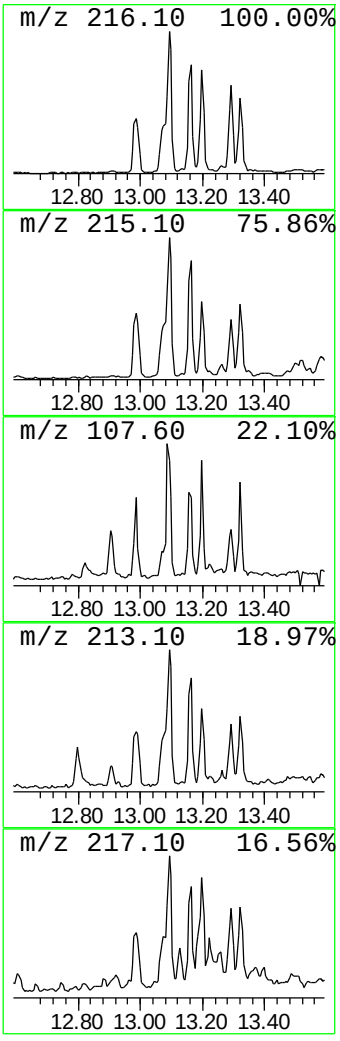
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.70 ng	259541	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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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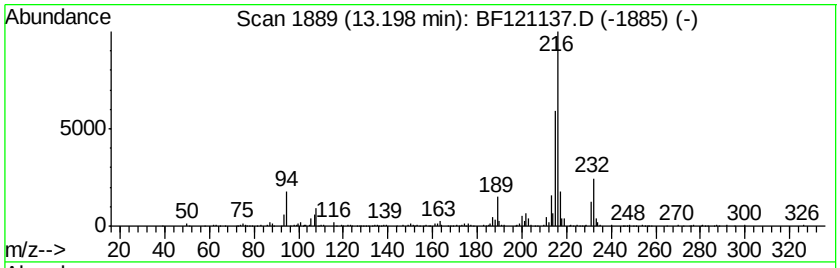
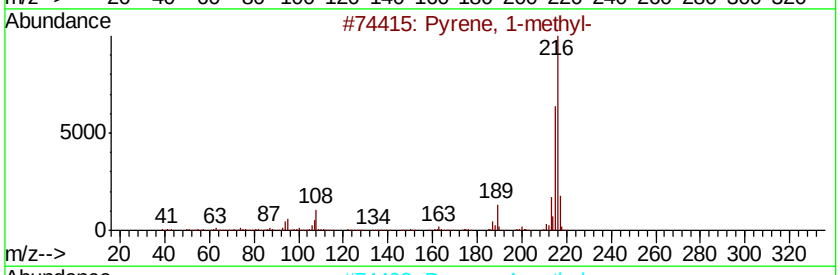
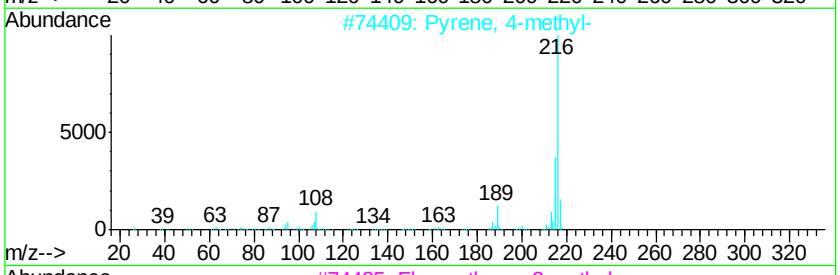
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 15

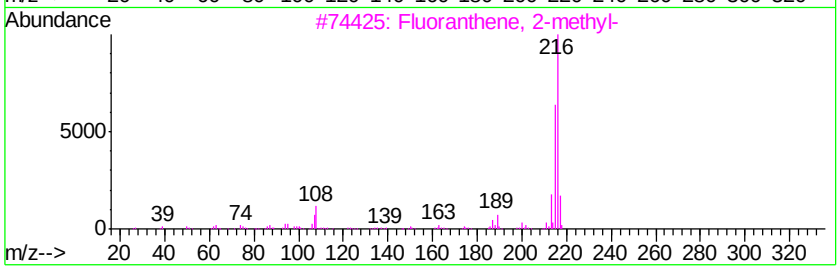
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.24 ng	215252	Chrysene-d12	13.97

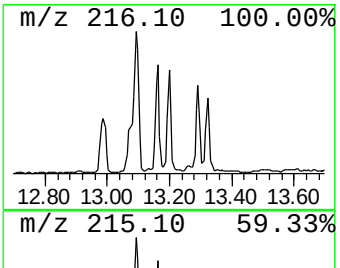
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74

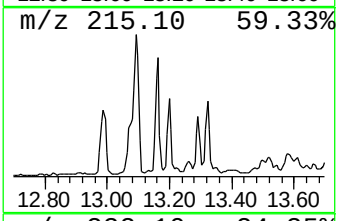


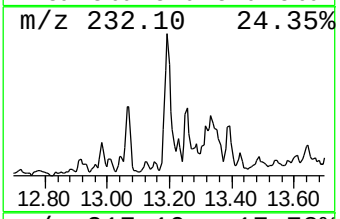


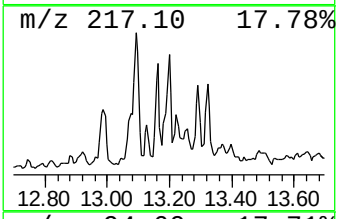


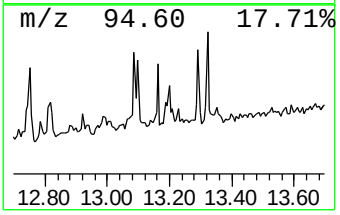












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

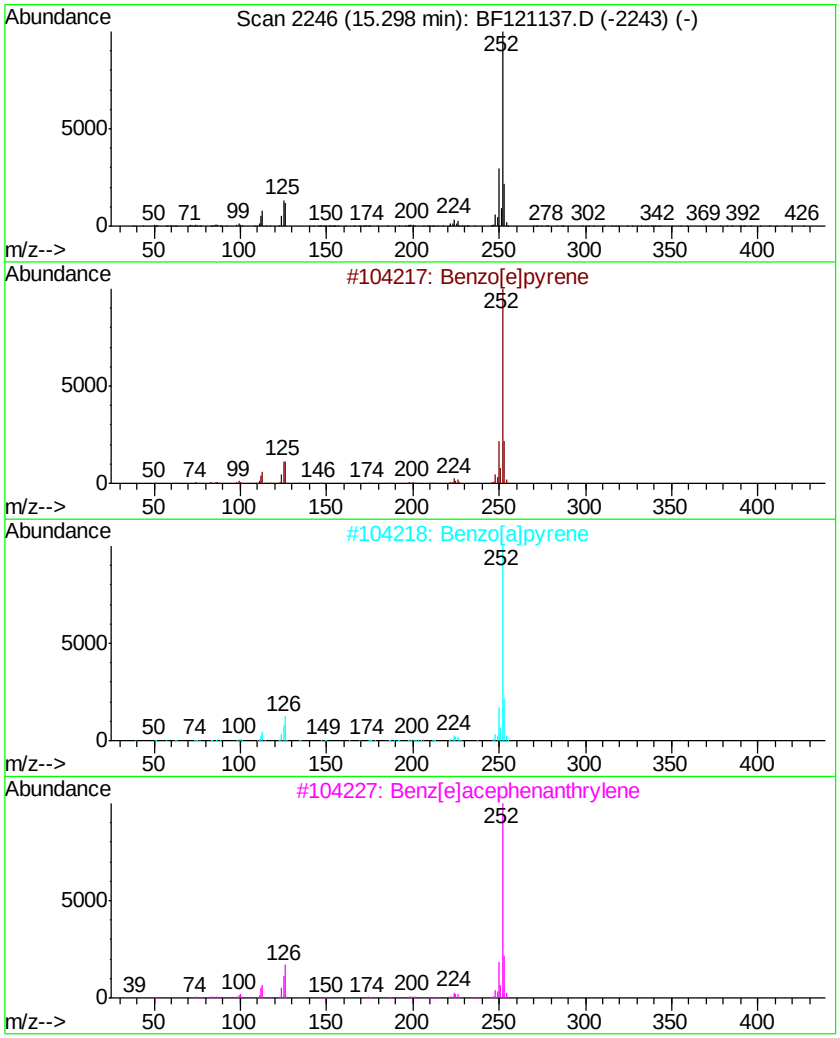
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

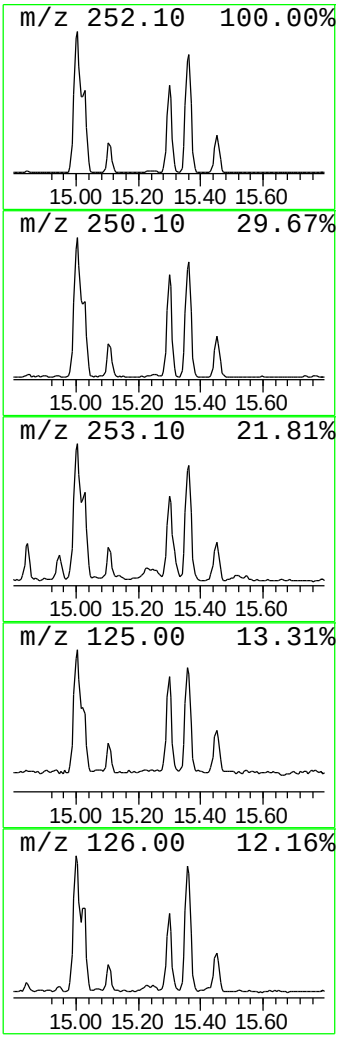
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	12.59 ng	602095	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073020\
Data File : BF121137.D
Acq On : 30 Jul 2020 19:47
Operator : JU/CG
Sample : L3436-06 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentadecane, 2,6,...	10.75	3.3	ng	175448	4	11.32	1068350	20.0
Dibenzothiophene	11.22	2.9	ng	152230	4	11.32	1068350	20.0
Tridecanoic acid,...	11.72	3.2	ng	172161	4	11.32	1068350	20.0
Anthracene, 2-met...	11.82	3.4	ng	183968	4	11.32	1068350	20.0
Phenanthrene, 2-m...	11.85	4.2	ng	222098	4	11.32	1068350	20.0
4H-Cyclopenta[def...	11.93	7.2	ng	381958	4	11.32	1068350	20.0
5,16[1',2']:8,13[...	12.12	2.8	ng	151498	4	11.32	1068350	20.0
Phenanthrene, 2,5...	12.37	3.4	ng	182645	4	11.32	1068350	20.0
9,12-Octadecadien...	12.40	9.6	ng	513020	4	11.32	1068350	20.0
9-Octadecenoic ac...	12.42	16.1	ng	859453	4	11.32	1068350	20.0
Cyclopenta(def)ph...	12.46	2.9	ng	155790	4	11.32	1068350	20.0
Pyrene, 1-methyl-	12.99	2.4	ng	233052	5	13.97	1920060	20.0
11H-Benzo[b]fluorene	13.09	2.7	ng	259541	5	13.97	1920060	20.0
Pyrene, 4-methyl-	13.20	2.2	ng	215252	5	13.97	1920060	20.0
Benzo[e]pyrene	15.30	12.6	ng	602095	6	15.42	956540	20.0