LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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	3.787	285	289	296	rVB	10718	17685	1.25%	0.084%
2	5.410	561	565	577	rVB	482249	454686	32.02%	2.157%
3	6.434	735	739	748	rBV	510188	488741	34.42%	2.319%
4	6.634	768	773	777	rBV5	22412	26279	1.85%	0.125%
5	6.798	797	801	808	rBV	944792	734078	51.70%	3.483%
6	7.057	842	845	850	rBV2	19295	28275	1.99%	0.134%
7	7.357	893	896	901	rVV	340536	272007	19.16%	1.290%
8	7.604	935	938	941	rVB2	18170	18284	1.29%	0.087%
9	7.834	973	977	981	rBV5	14811	23594	1.66%	0.112%
10	8.081	1014	1019	1022	rBV	1096878	998621	70.33%	4.738%
11	8.104	1022	1023	1026	rVV	123125	72427	5.10%	0.344%
12	8.139	1026	1029	1033	rVB2	15235	23361	1.65%	0.111%
13	8.504	1088	1091	1093	rBV	24279	20292	1.43%	0.096%
14	8.586	1102	1105	1108	rBV4	20612	18277	1.29%	0.087%
15	8.675	1117	1120	1123	rBV3	35488	33842	2.38%	0.161%
16	8.798	1138	1141	1144	rVB	79527	68630	4.83%	0.326%
17	8.892	1154	1157	1161	rBV2	73591	76418	5.38%	0.363%
18	9.104	1191	1193	1199	rBV4	36365	36623	2.58%	0.174%
19	9.157	1199	1202	1207	rVB	817203	620598	43.71%	2.944%
20	9.239	1213	1216	1218	rBV	58659	55030	3.88%	0.261%
21	9.357	1234	1236	1242	rVB2	26762	32778	2.31%	0.156%
22	9.428	1243	1248	1251	rBV	67307	89385	6.30%	0.424%
23	9.498	1257	1260	1262	rBV	104815	95078	6.70%	0.451%
24	9.522	1262	1264	1266	rVV2	69704	58113	4.09%	0.276%
25	9.551	1266	1269	1273	rVV3	107760	143708	10.12%	0.682%
26	9.616	1277	1280	1285	rVB2	66815	72972	5.14%	0.346%
27	9.698	1291	1294	1298	rBV	150338	132218	9.31%	0.627%
28	9.751	1300	1303	1304	rVV2	26094	19506	1.37%	0.093%
29	9.769	1304	1306	1309	rVB	39365	33035	2.33%	0.157%
30	9.839	1311	1318	1321	rBV	1290220	1106694	77.94%	5.250%
31	9.869	1321	1323	1327	rVB	134124	124324	8.76%	0.590%
32	9.945	1333	1336	1340	rBV2	46407	59243	4.17%	0.281%
33	9.998	1340	1345	1347	rVV4	26661	39961	2.81%	0.190%
34	10.045	1348	1353	1357	rVV	111148	137892	9.71%	0.654%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
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Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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	10.081	1357	1359	1368	rVB3	60846	79150	5.57%	0.375%
36	10.157	1368	1372	1375	rBV2	73547	86927	6.12%	0.412%
37	10.186	1375	1377	1379	rVV	49254	38164	2.69%	0.181%
38	10.245	1383	1387	1389	rBV3	50260	61268	4.32%	0.291%
39	10.269	1389	1391	1393	rVV2	81771	64724	4.56%	0.307%
40	10.292	1393	1395	1398	rVV	26700	24767	1.74%	0.117%
41	10.339	1398	1403	1405	rVV4	29137	35794	2.52%	0.170%
42	10.386	1408	1411	1417	rVB	179636	186132	13.11%	0.883%
43	10.451	1417	1422	1424	rBV2	41195	52500	3.70%	0.249%
44	10.475	1424	1426	1427	rVV2	37659	32238	2.27%	0.153%
45	10.492	1427	1429	1434	rVV2	57633	73396	5.17%	0.348%
46	10.545	1435	1438	1441	rVB2	49387	49902	3.51%	0.237%
47	10.628	1446	1452	1456	rBV2	362264	351308	24.74%	1.667%
48	10.757	1469	1474	1480	rVB2	130556	186074	13.10%	0.883%
49	10.933	1500	1504	1507	rBV2	66188	77501	5.46%	0.368%
50	10.963	1507	1509	1512	rVB2	52862	44971	3.17%	0.213%
51	11.022	1516	1519	1522	rVB2	46157	45541	3.21%	0.216%
52	11.069	1522	1527	1529	rBV4	37761	60835	4.28%	0.289%
53	11.133	1536	1538	1542	rVB3	41192	38723	2.73%	0.184%
54	11.192	1543	1548	1551	rVV2	79222	108947	7.67%	0.517%
55	11.222	1551	1553	1560	rVB	137544	136201	9.59%	0.646%
56	11.328	1567	1571	1573	rBV	1072563	931745	65.62%	4.420%
57	11.351	1573	1575	1578	rVV	947726	722524	50.89%	3.428%
58	11.404	1581	1584	1587	rVB	304855	247209	17.41%	1.173%
59	11.439	1587	1590	1593	rBV3	53514	58104	4.09%	0.276%
60	11.563	1608	1611	1616	rBV	61952	86940	6.12%	0.412%
61	11.622	1618	1621	1624	rBV	85622	63762	4.49%	0.302%
62	11.663	1625	1628	1633	rVB2	57823	67488	4.75%	0.320%
63	11.722	1635	1638	1640	rBV	171507	141126	9.94%	0.670%
64	11.745	1640	1642	1646	rVB	40168	33879	2.39%	0.161%
65	11.833	1653	1657	1659	rBV	159277	155756	10.97%	0.739%
66	11.857	1659	1661	1664	rVB	217016	178591	12.58%	0.847%
67	11.904	1664	1669	1672	rBV2	100988	107684	7.58%	0.511%
68	11.945	1672	1676	1678	rBV2	273672	310628	21.88%	1.474%
69	12.027	1688	1690	1693	rVB2	63518	52958	3.73%	0.251%
70	12.063	1694	1696	1699	rVV2	33003	28042	1.97%	0.133%
71	12.127	1704	1707	1709	rVV	113534	111056	7.82%	0.527%

LSC Area Percent Report

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Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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	12.151	1709	1711	1714	rVB2	57644	61642	4.34%	0.292%
73	12.257	1727	1729	1730	rBV	39770	27995	1.97%	0.133%
74	12.275	1730	1732	1734	rVB	54704	36479	2.57%	0.173%
75	12.304	1734	1737	1740	rBV2	78329	82996	5.85%	0.394%
76	12.380	1747	1750	1752	rBV	159006	156428	11.02%	0.742%
77	12.410	1752	1755	1756	rVV	387921	399722	28.15%	1.896%
78	12.427	1756	1758	1763	rVV3	608233	571906	40.28%	2.713%
79	12.469	1763	1765	1769	rVV2	88511	94572	6.66%	0.449%
80	12.510	1770	1772	1775	rVV2	74668	80543	5.67%	0.382%
81	12.545	1775	1778	1781	rVB	1272965	1059911	74.65%	5.028%
82	12.639	1791	1794	1796	rBV2	64315	65334	4.60%	0.310%
83	12.698	1801	1804	1807	rVV3	65471	79710	5.61%	0.378%
84	12.774	1811	1817	1823	rBV	1204347	1363393	96.02%	6.468%
85	12.892	1834	1837	1838	rBV2	59563	65074	4.58%	0.309%
86	12.910	1838	1840	1848	rVB	574404	581027	40.92%	2.756%
87	12.992	1851	1854	1857	rVV2	75122	93848	6.61%	0.445%
88	13.080	1866	1869	1870	rBV2	70401	81200	5.72%	0.385%
89	13.098	1870	1872	1876	rVB	198229	184970	13.03%	0.878%
90	13.145	1878	1880	1882	rBV	72999	76906	5.42%	0.365%
91	13.169	1882	1884	1886	rVB	152463	117821	8.30%	0.559%
92	13.204	1887	1890	1893	rBV2	137446	138106	9.73%	0.655%
93	13.298	1903	1906	1908	rBV	94670	74722	5.26%	0.354%
94	13.327	1909	1911	1914	rBV	93349	85397	6.01%	0.405%
95	13.816	1992	1994	1998	rBV	108227	100751	7.10%	0.478%
96	13.969	2016	2020	2023	rBV2	1046038	1419878	100.00%	6.736%
97	13.998	2023	2025	2028	rVB	539277	408710	28.78%	1.939%
98	15.010	2194	2197	2204	rVB	444633	796267	56.08%	3.778%
99	15.368	2255	2258	2264	rVB	358793	432058	30.43%	2.050%
100	15.433	2265	2269	2281	rVB2	583046	976322	68.76%	4.632%

Sum of corrected areas: 21078898

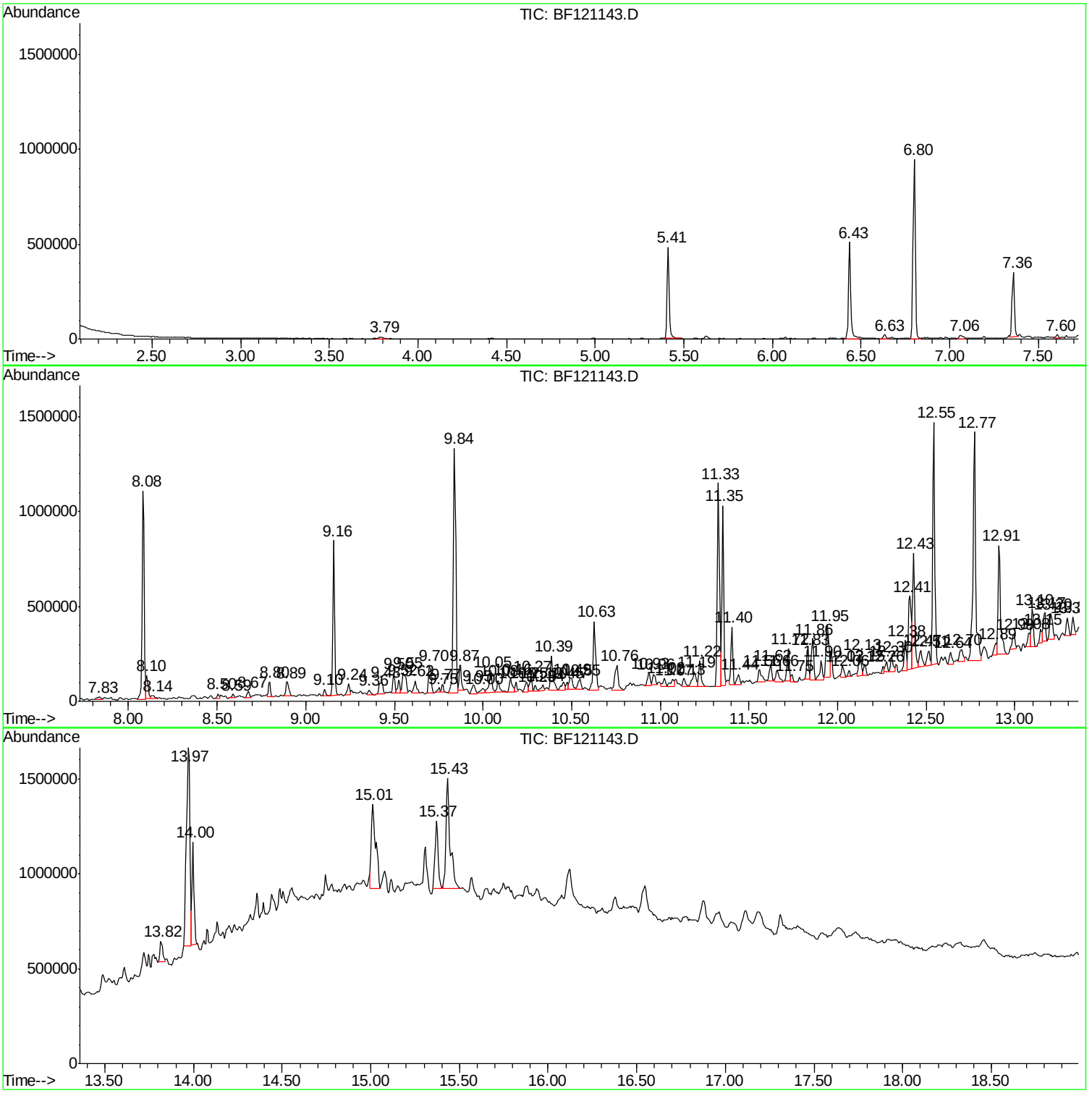
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22

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 : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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

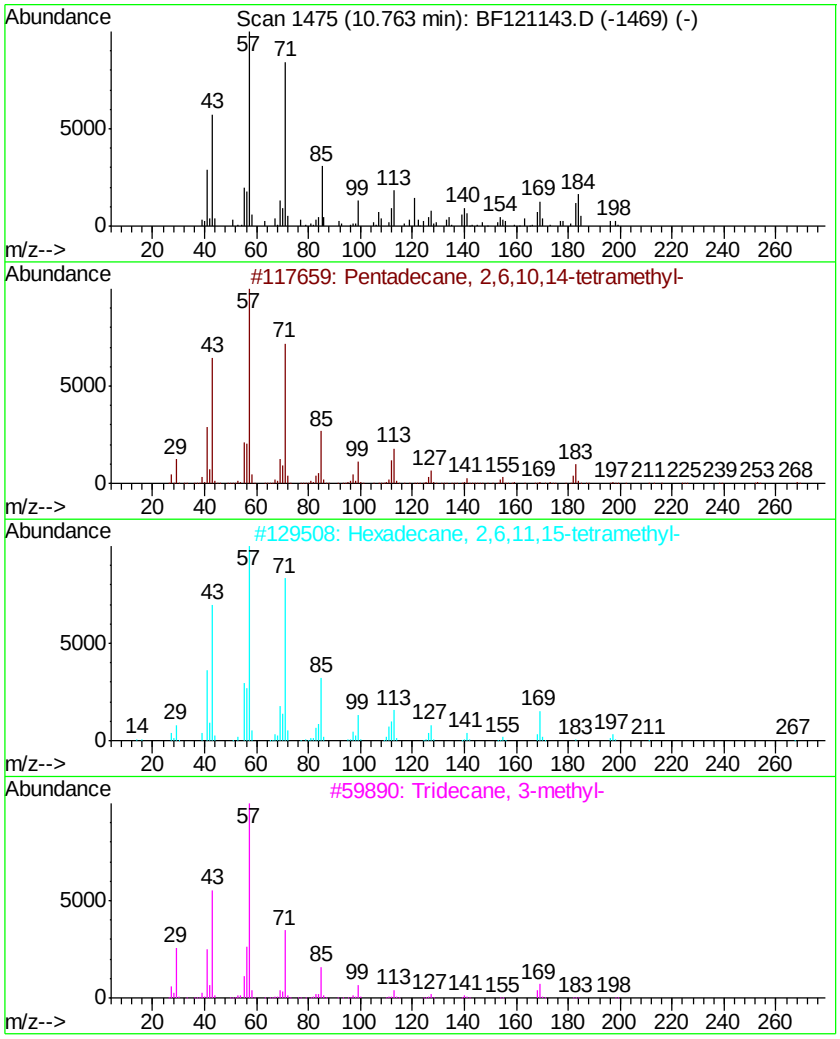
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

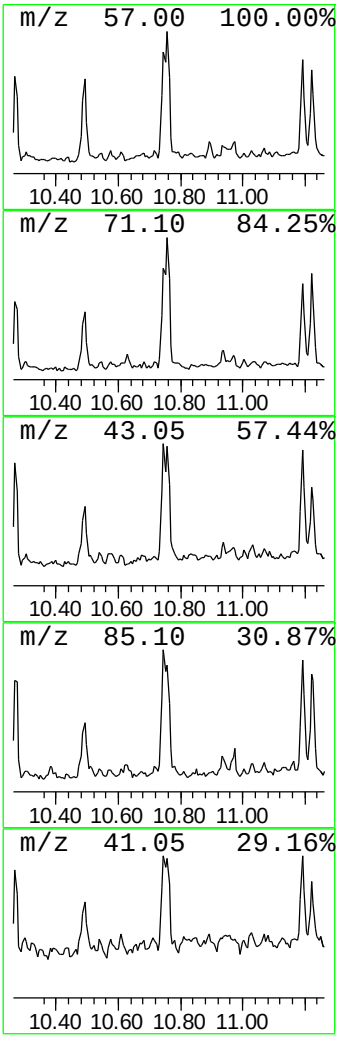
****

Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.99 ng	186074	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	60
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	52
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5	Heptacosane	380	C27H56	000593-49-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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

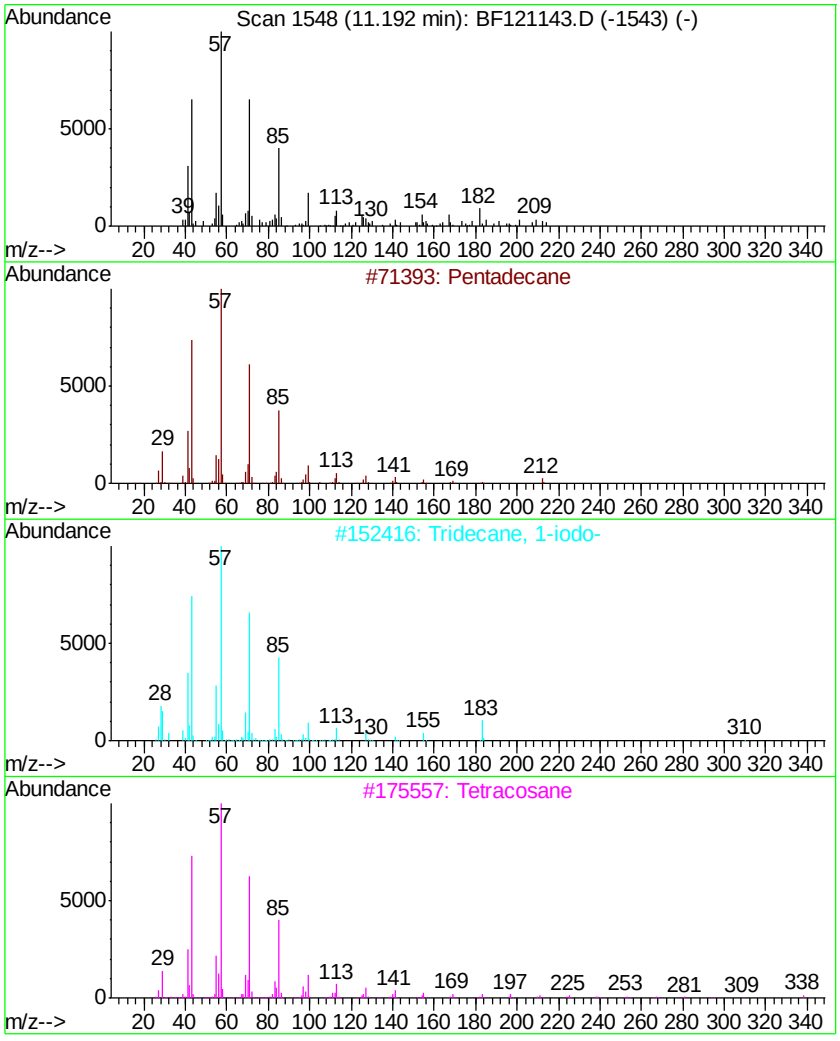
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

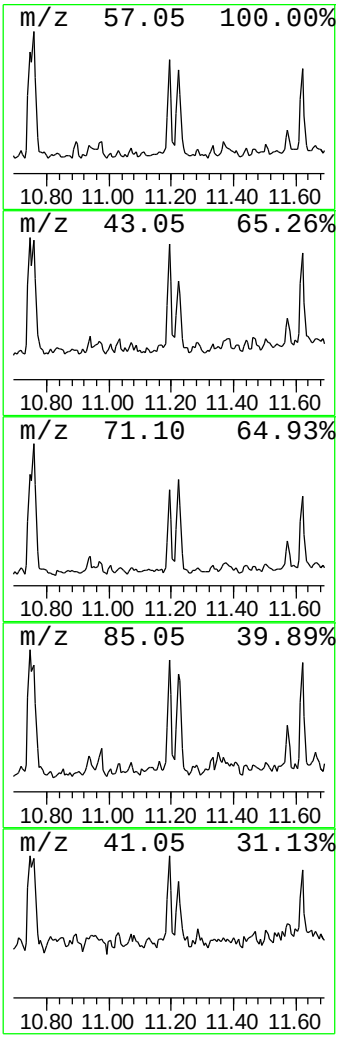
****

Peak Number 4 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.34 ng	108947	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	76
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Octacosane	394	C28H58	000630-02-4	64
5	Heptacosane	380	C27H56	000593-49-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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

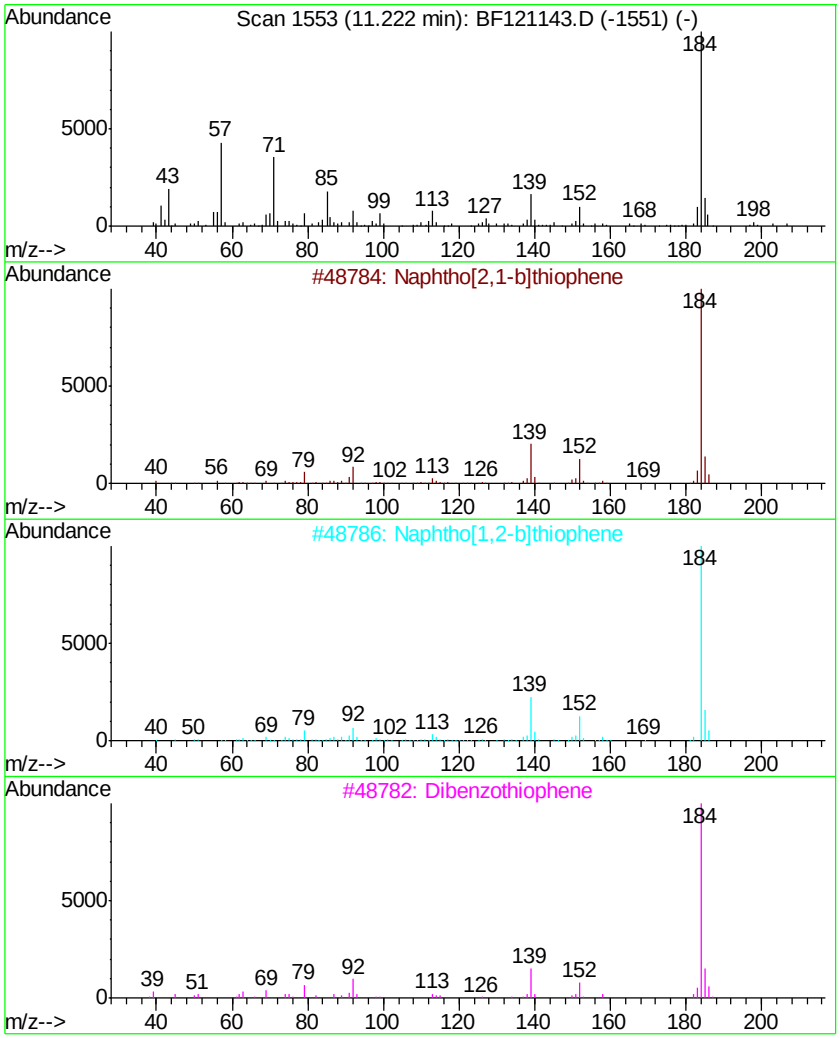
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

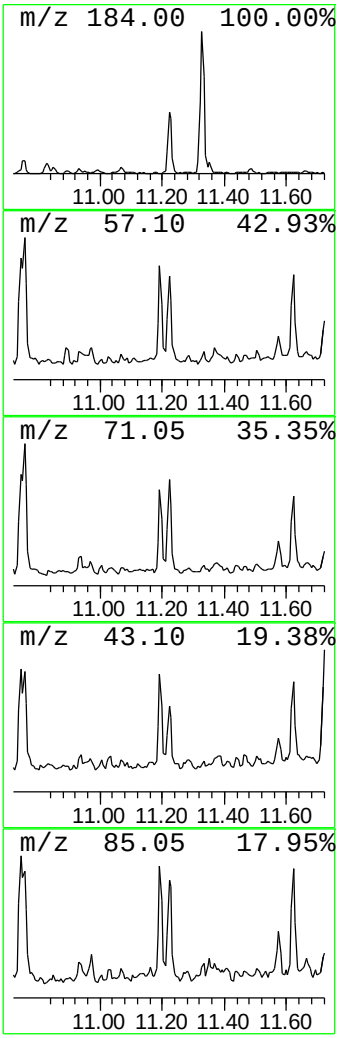
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.92 ng	136201	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	89
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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

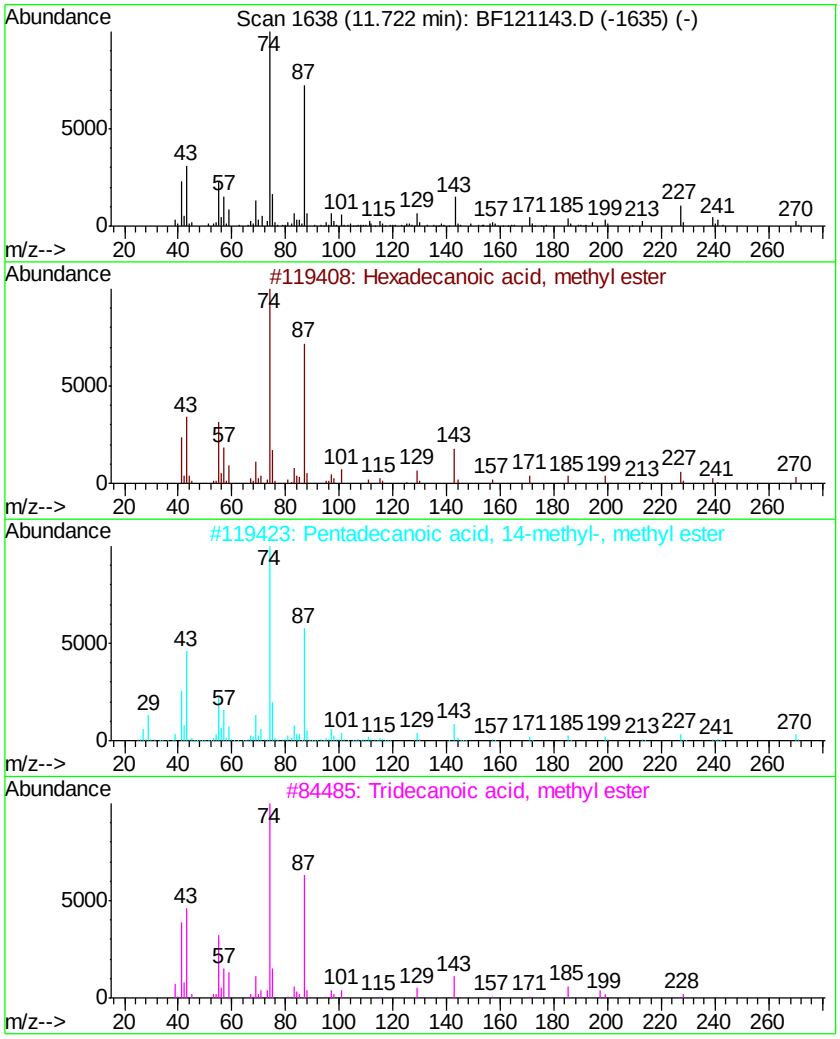
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

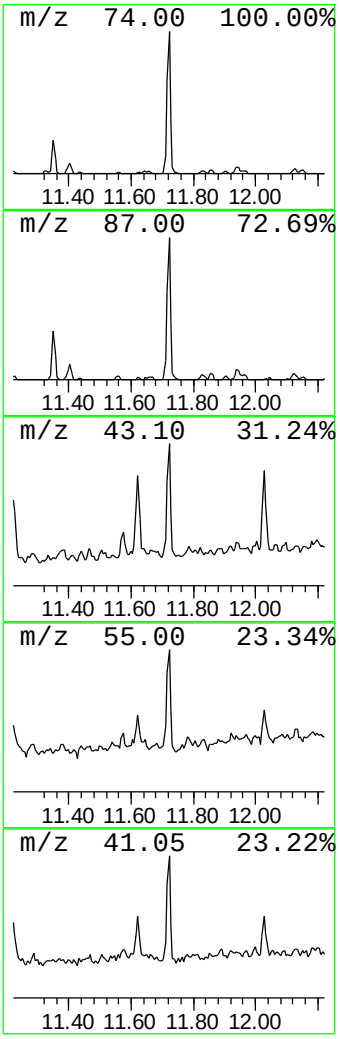
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.03 ng	141126	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
5	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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

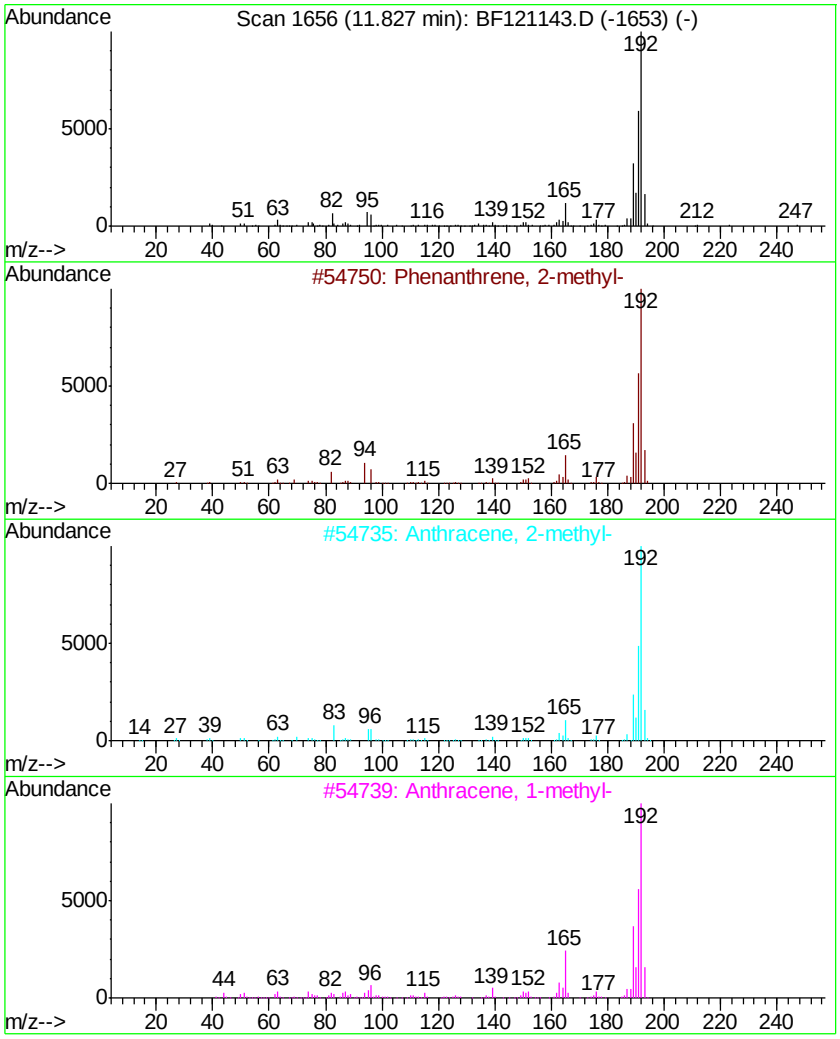
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

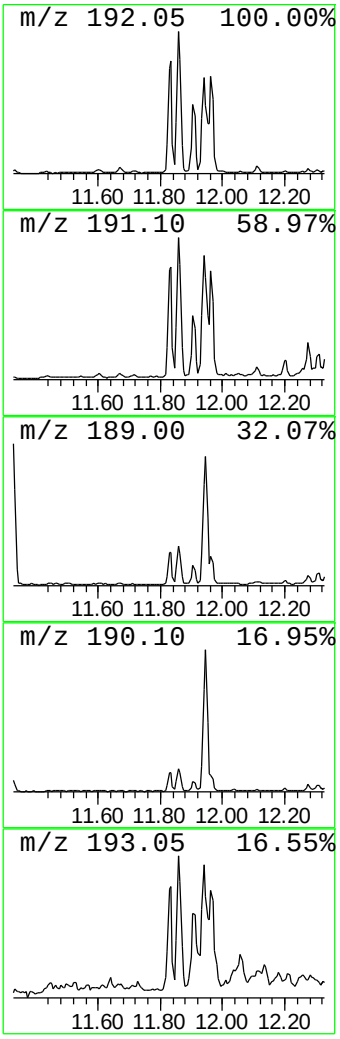
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.34 ng	155756	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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

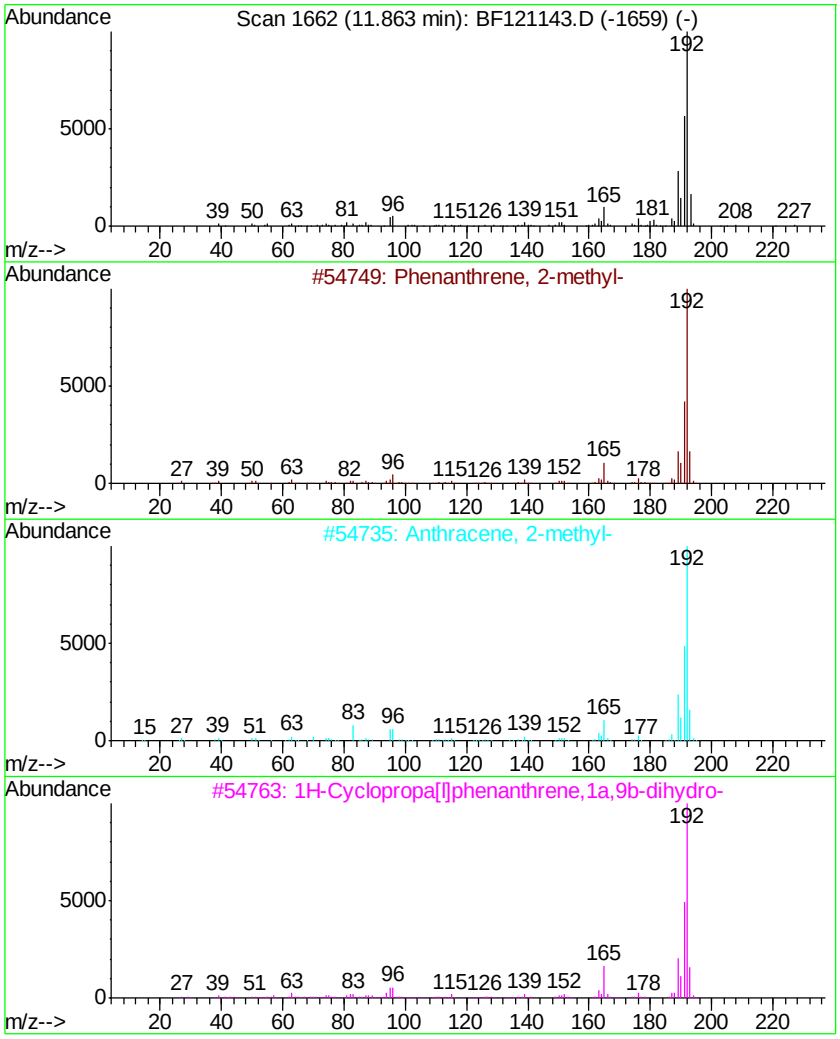
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

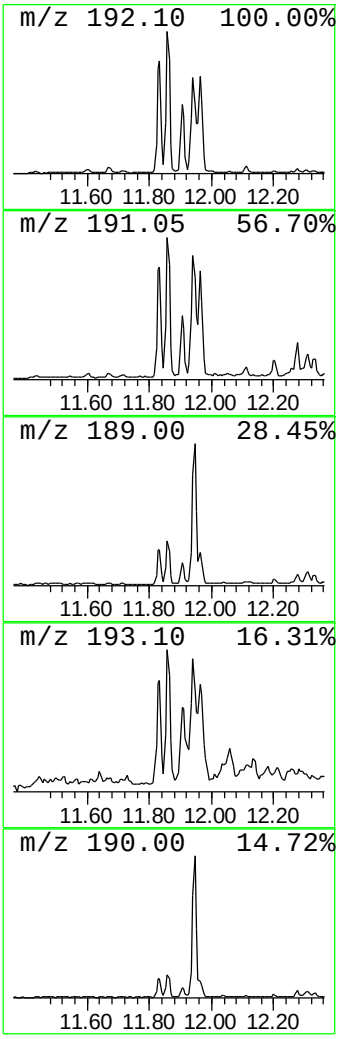
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.83 ng	178591	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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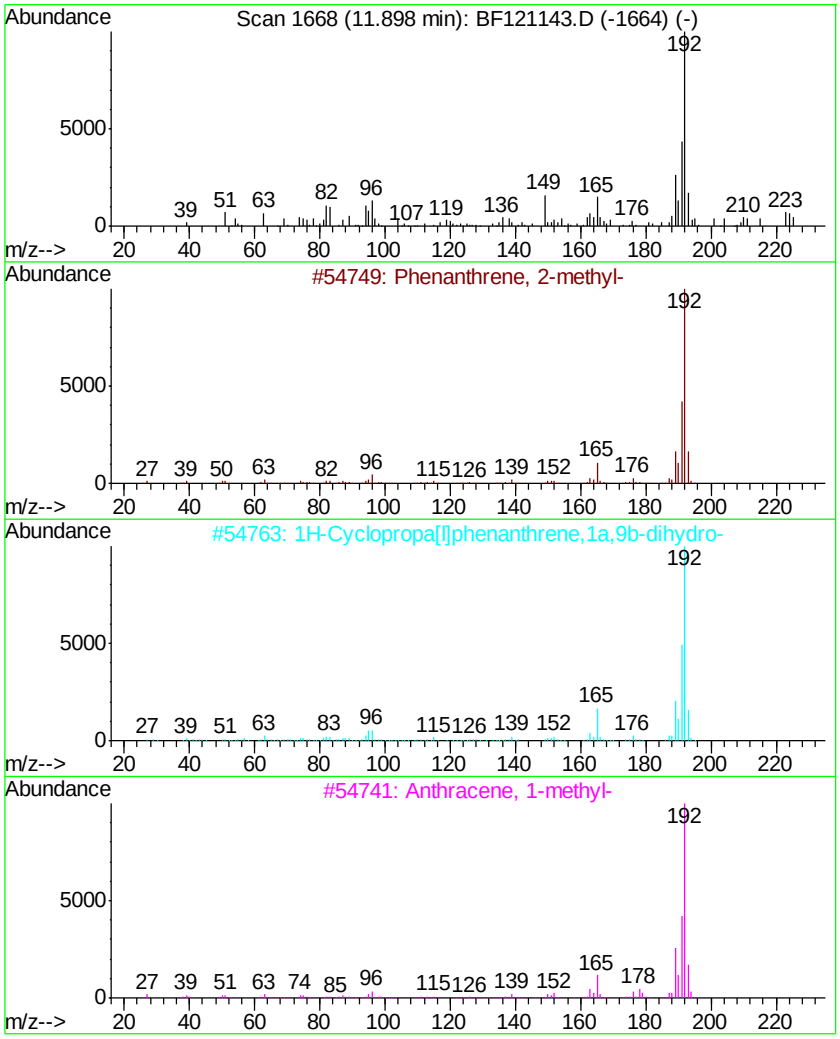
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

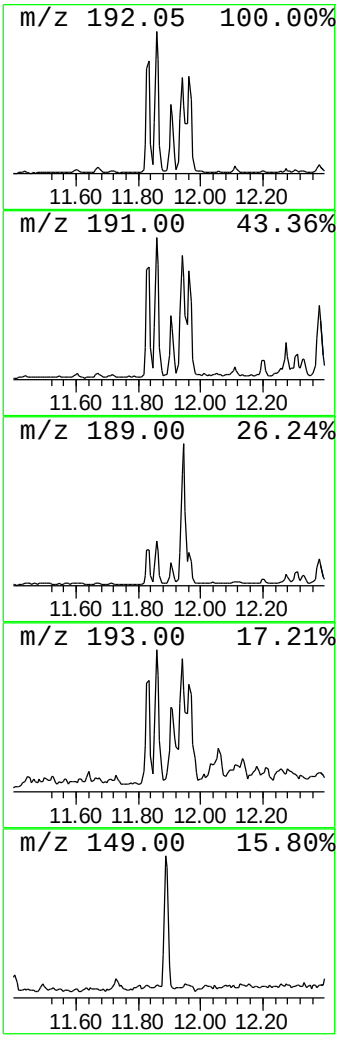
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.31 ng	107684	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

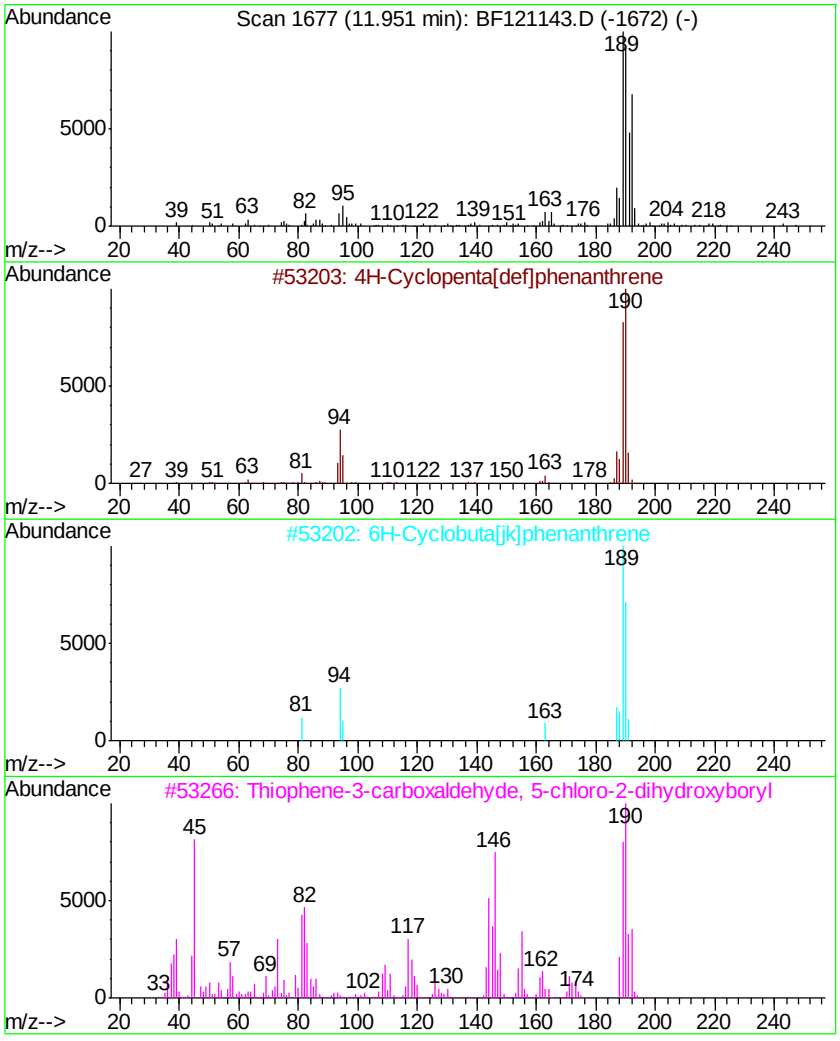
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

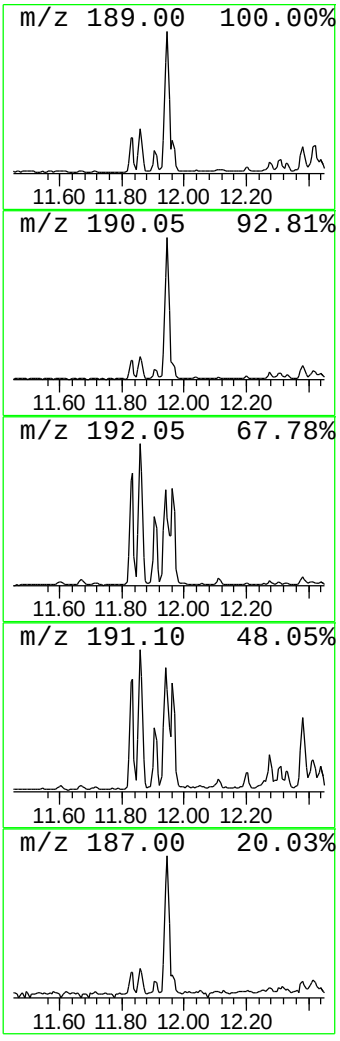
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.67 ng	310628	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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

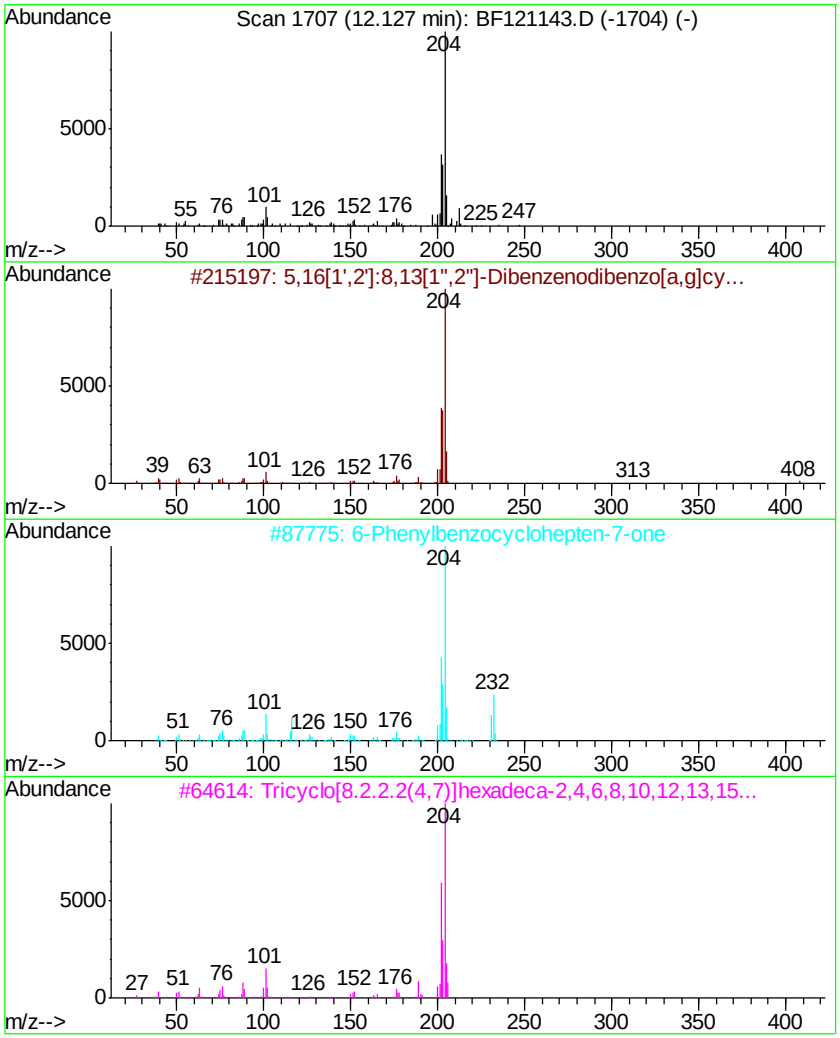
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

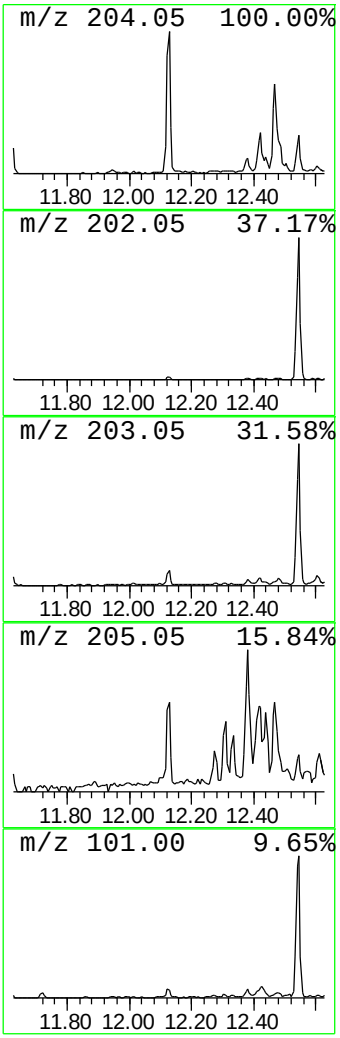
****

Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.38 ng	111056	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

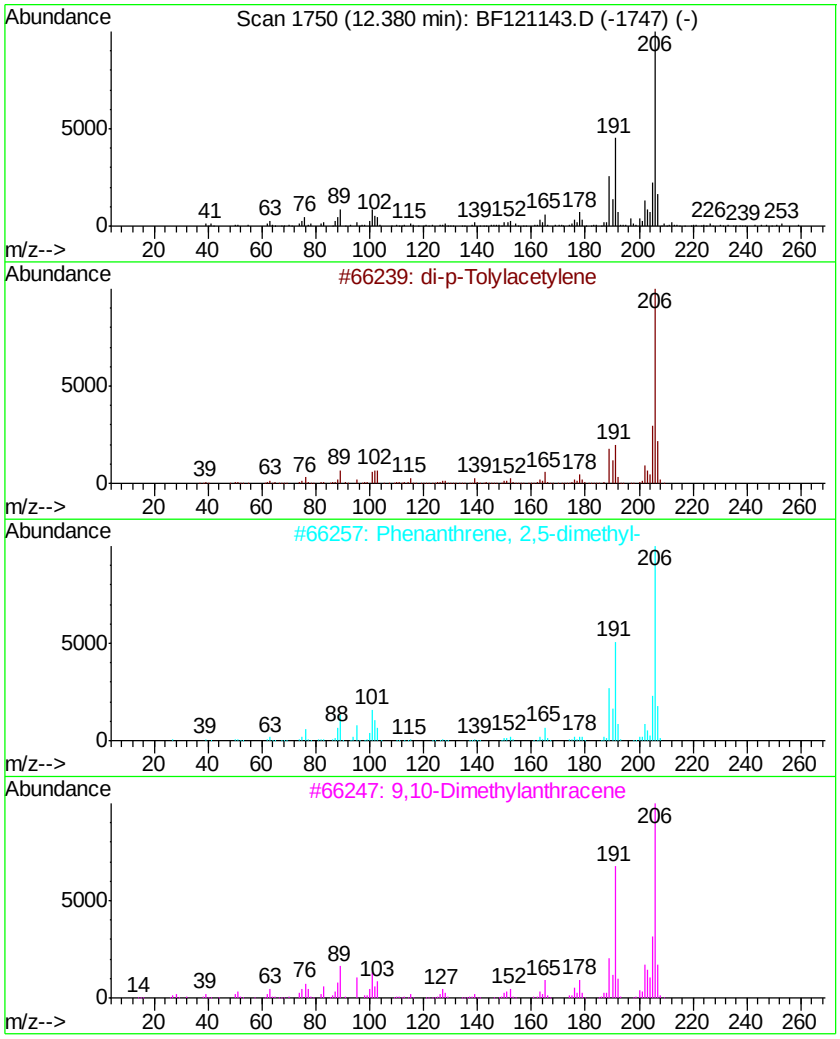
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

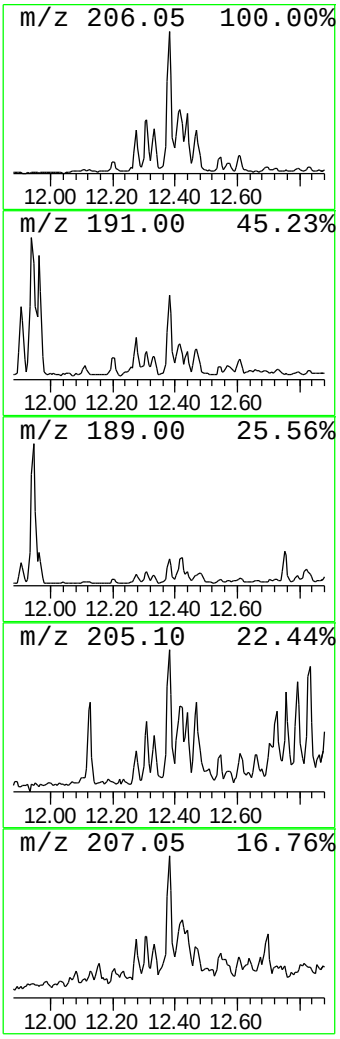
****

Peak Number 12 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.36 ng	156428	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Library Search Compound Report

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Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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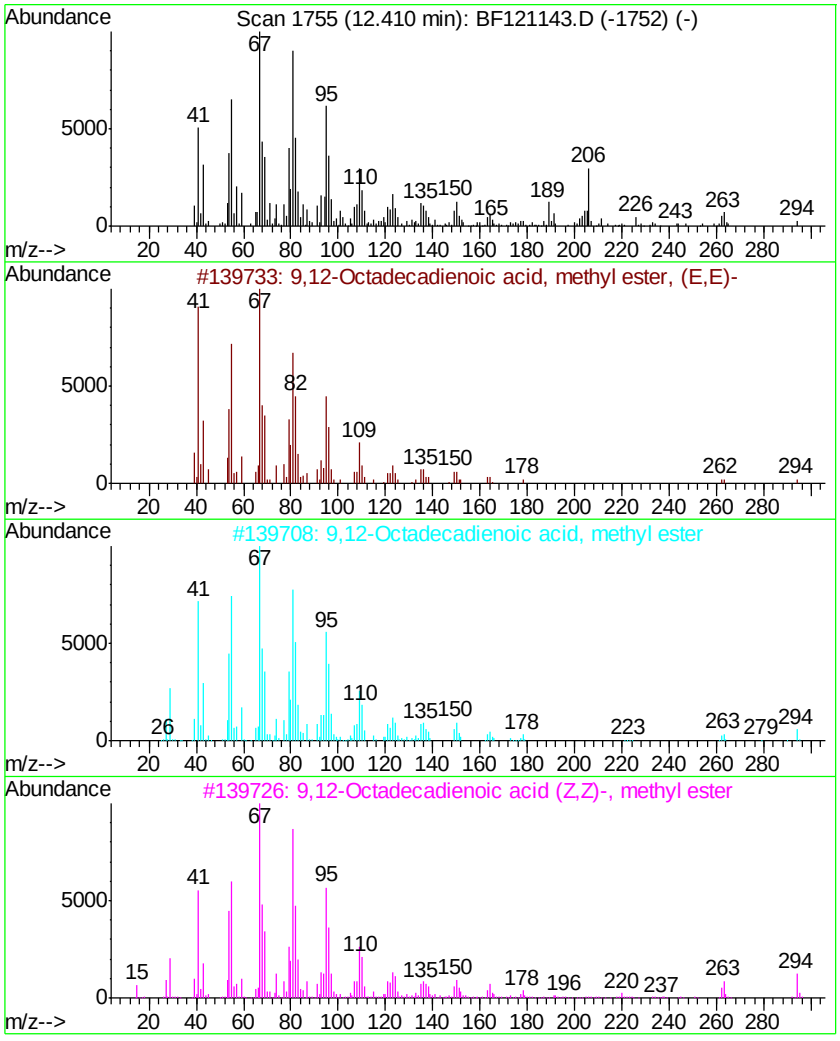
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

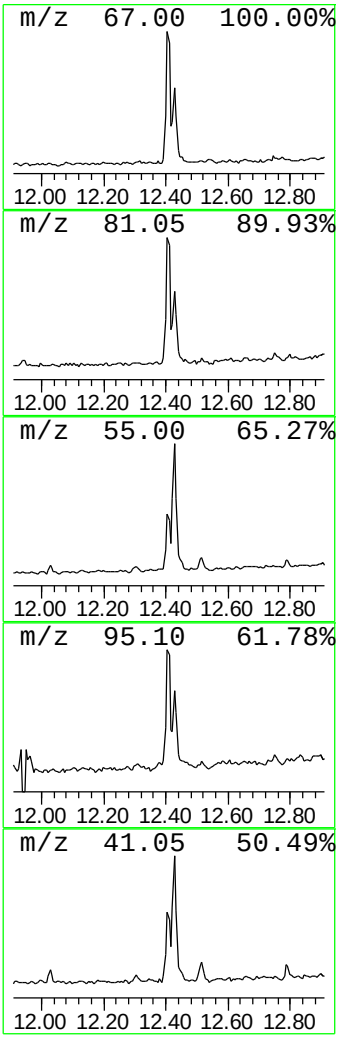
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	8.58 ng	399722	Phenanthrene-d10	11.33

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	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
4	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	93
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93





Library Search Compound Report

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Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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

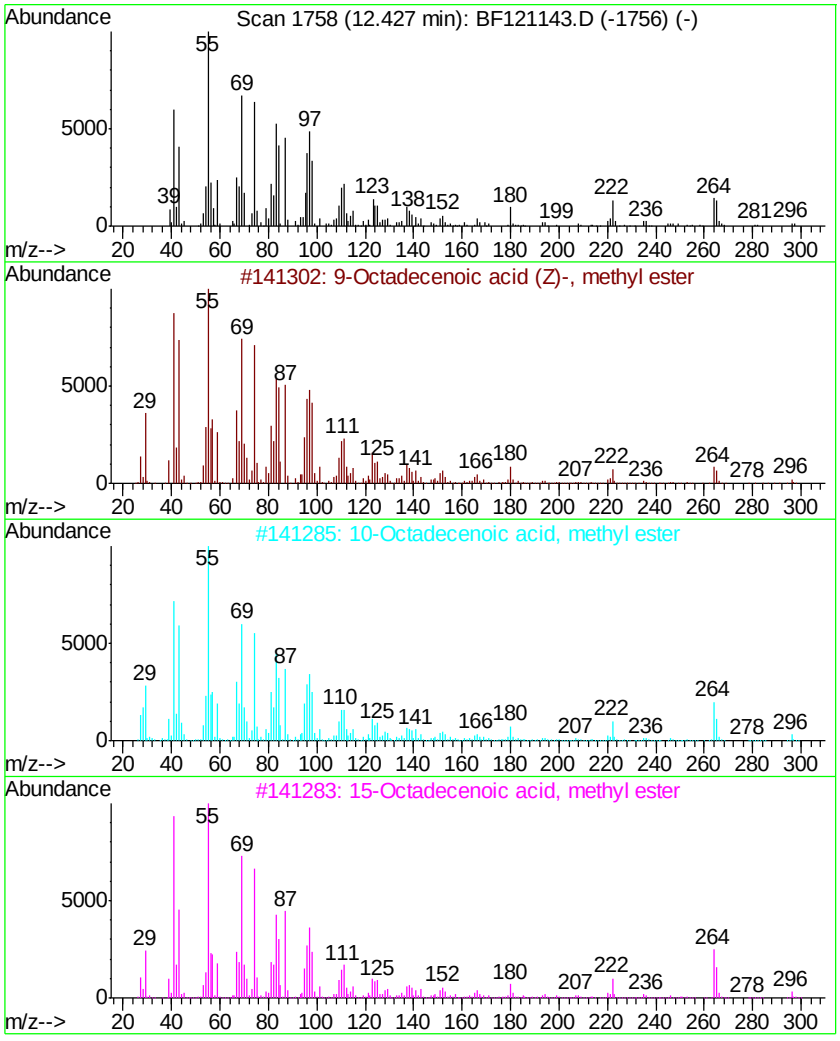
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

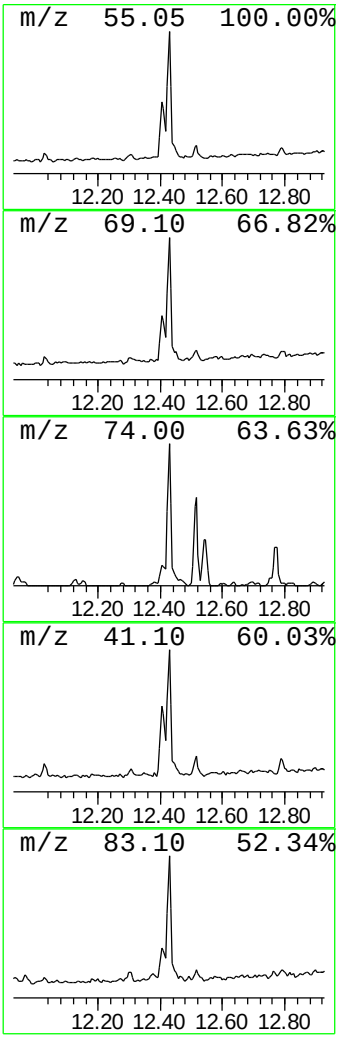
****

Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	12.28 ng	571906	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99





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Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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

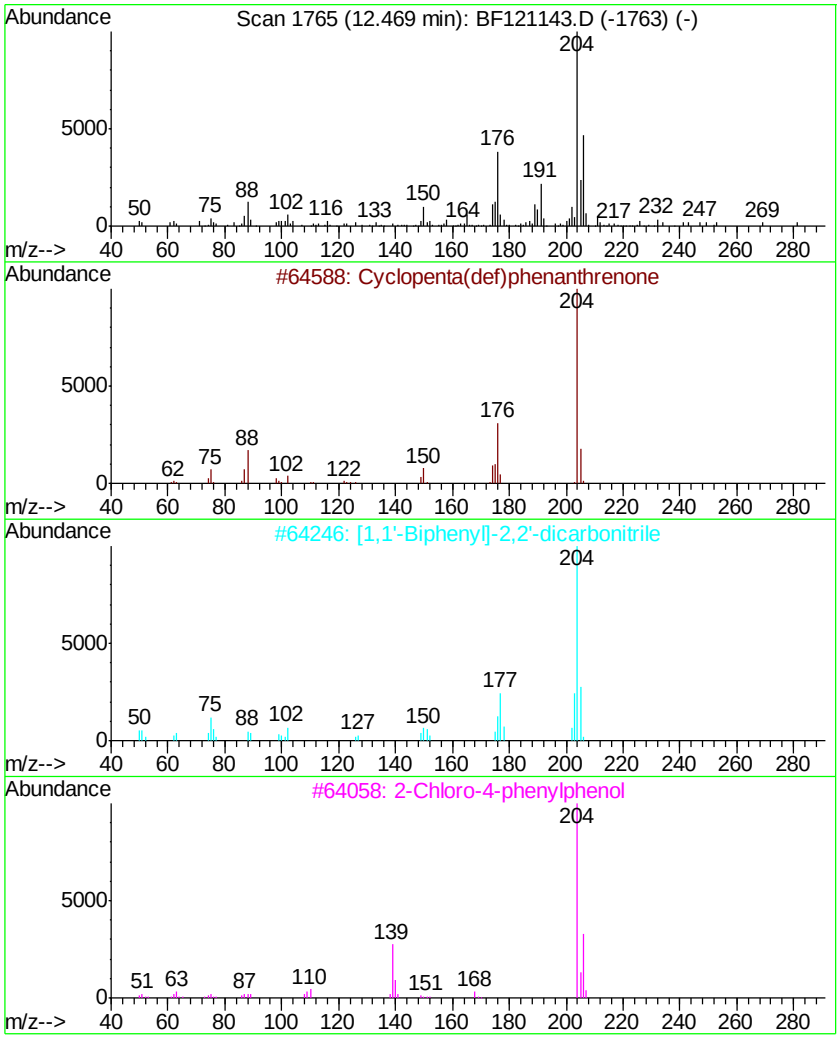
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

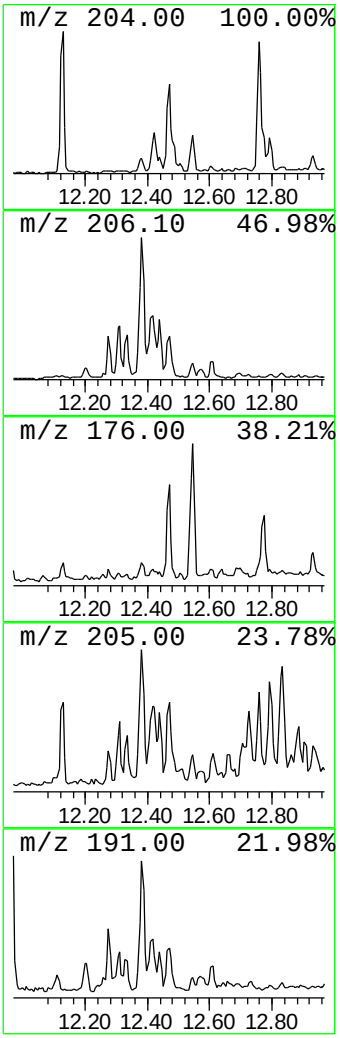
****

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.03 ng	94572	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38
4	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	37
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35





Library Search Compound Report

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Sample : L3436-22 5X
Misc :
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Instrument : BNA_F
ClientSampleId : 22

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

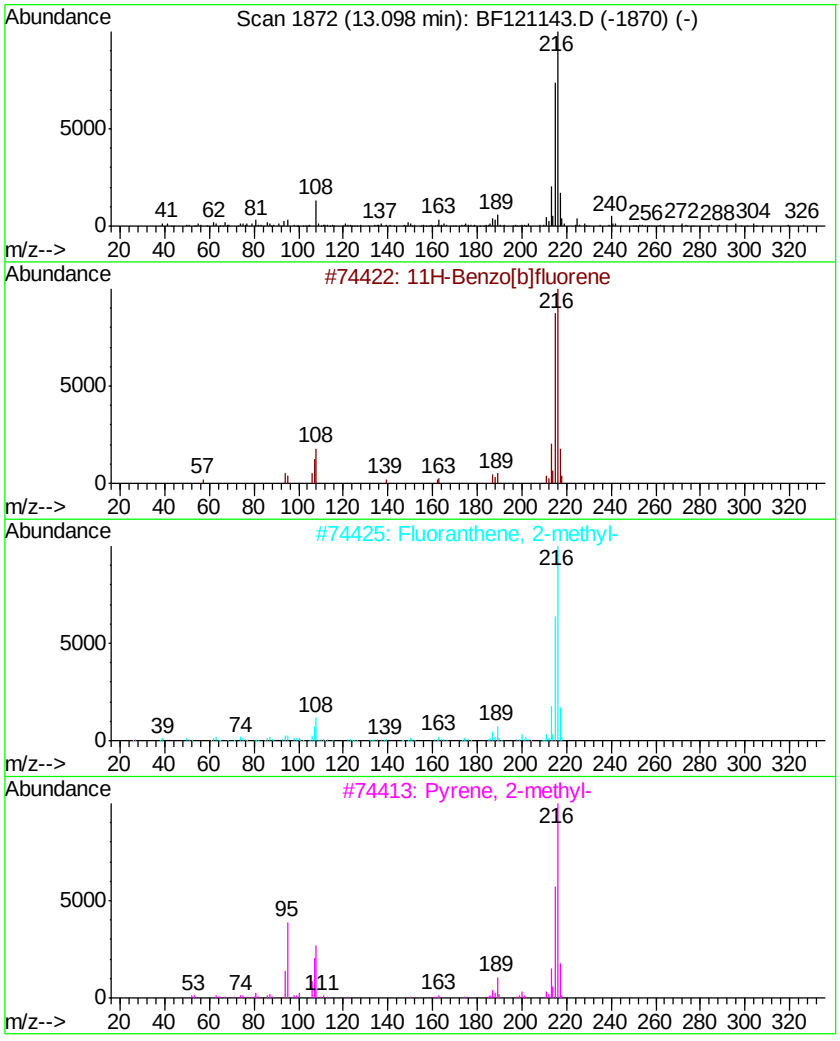
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

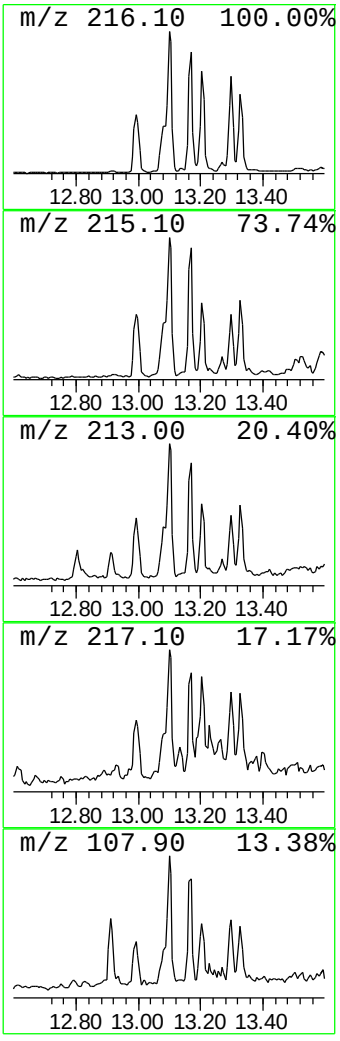
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.61 ng	184970	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073020\
Data File : BF121143.D
Acq On : 30 Jul 2020 22:53
Operator : JU/CG
Sample : L3436-22 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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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	4.0	ng	186074	4	11.33	931745	20.0
Pentadecane	11.19	2.3	ng	108947	4	11.33	931745	20.0
Naphtho[2,1-b]thi...	11.22	2.9	ng	136201	4	11.33	931745	20.0
Hexadecanoic acid...	11.72	3.0	ng	141126	4	11.33	931745	20.0
Phenanthrene, 2-m...	11.83	3.3	ng	155756	4	11.33	931745	20.0
Anthracene, 2-met...	11.86	3.8	ng	178591	4	11.33	931745	20.0
1H-Cyclopropa[l]p...	11.90	2.3	ng	107684	4	11.33	931745	20.0
4H-Cyclopenta[def...	11.95	6.7	ng	310628	4	11.33	931745	20.0
5,16[1',2']:8,13[...	12.13	2.4	ng	111056	4	11.33	931745	20.0
di-p-Tolylacetylene	12.38	3.4	ng	156428	4	11.33	931745	20.0
9,12-Octadecadien...	12.41	8.6	ng	399722	4	11.33	931745	20.0
9-Octadecenoic ac...	12.43	12.3	ng	571906	4	11.33	931745	20.0
Cyclopenta(def)ph...	12.47	2.0	ng	94572	4	11.33	931745	20.0
11H-Benzo[b]fluorene	13.10	2.6	ng	184970	5	13.97	1419880	20.0