LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

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-BF022020.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	2.146	6	10	18	rVB	62350	86059	1.63%	0.147%
2	4.987	489	493	500	rBV	108298	148110	2.80%	0.252%
3	5.387	557	561	577	rBV	3954137	4097932	77.55%	6.980%
4	6.404	728	734	745	rBV	3581014	4095479	77.50%	6.976%
5	6.757	790	794	798	rBV	1380680	1174497	22.23%	2.001%
6	6.916	816	821	824	rBV	3958114	3692516	69.88%	6.290%
7	7.322	884	890	893	rBV	2718755	2781314	52.63%	4.738%
8	8.039	1007	1012	1015	rBV	1732082	1532548	29.00%	2.610%
9	9.116	1189	1195	1198	rBV	5687864	5284177	100.00%	9.001%
10	9.451	1248	1252	1254	rBV	140200	138471	2.62%	0.236%
11	9.504	1258	1261	1265	rVB	305476	262520	4.97%	0.447%
12	9.651	1280	1286	1291	rBV	121985	136406	2.58%	0.232%
13	9.704	1291	1295	1302	rBV4	42570	70328	1.33%	0.120%
14	9.786	1303	1309	1313	rBV	1892851	1879792	35.57%	3.202%
15	9.898	1323	1328	1329	rBV3	57691	71167	1.35%	0.121%
16	9.992	1341	1344	1347	rVB	109430	104541	1.98%	0.178%
17	10.033	1347	1351	1354	rVB	118000	99318	1.88%	0.169%
18	10.104	1360	1363	1366	rBV2	113213	127133	2.41%	0.217%
19	10.133	1366	1368	1374	rVB	76652	72221	1.37%	0.123%
20	10.198	1374	1379	1380	rBV3	77988	104163	1.97%	0.177%
21	10.333	1399	1402	1408	rVB4	86093	102786	1.95%	0.175%
22	10.398	1408	1413	1415	rBV2	57846	70740	1.34%	0.120%
23	10.575	1438	1443	1447	rBV	3342164	3265916	61.81%	5.563%
24	10.698	1461	1464	1468	rBV	98168	103607	1.96%	0.176%
25	10.880	1491	1495	1498	rBV3	94073	126321	2.39%	0.215%
26	11.010	1512	1517	1519	rBV5	63398	96683	1.83%	0.165%
27	11.116	1532	1535	1539	rBV3	49790	69594	1.32%	0.119%
28	11.169	1542	1544	1549	rVB	83995	87105	1.65%	0.148%
29	11.269	1557	1561	1564	rBV	1805311	1738585	32.90%	2.961%
30	11.292	1564	1565	1569	rVB	833485	555221	10.51%	0.946%
31	11.345	1571	1574	1577	rVB	158035	138696	2.62%	0.236%
32	11.380	1577	1580	1583	rBV2	153301	170596	3.23%	0.291%
33	11.598	1614	1617	1621	rVB2	164088	174536	3.30%	0.297%
34	11.645	1621	1625	1627	rBV	144151	134781	2.55%	0.230%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.686	1629	1632	1635	rVB	91587	104618	1.98%	0.178%
36	11.727	1635	1639	1642	rBV	90718	106525	2.02%	0.181%
37	11.769	1642	1646	1649	rVV	520615	554688	10.50%	0.945%
38	11.804	1649	1652	1657	rVV2	1092299	1188447	22.49%	2.024%
39	11.845	1657	1659	1662	rVV	167399	182461	3.45%	0.311%
40	11.880	1662	1665	1667	rVV	611243	636866	12.05%	1.085%
41	11.904	1667	1669	1673	rVV	477914	432828	8.19%	0.737%
42	11.945	1673	1676	1684	rVV6	275997	441616	8.36%	0.752%
43	12.004	1684	1686	1690	rVV	118558	110456	2.09%	0.188%
44	12.063	1690	1696	1698	rVV	228007	286313	5.42%	0.488%
45	12.092	1698	1701	1707	rVB3	315961	364253	6.89%	0.620%
46	12.198	1717	1719	1720	rBV	88230	73629	1.39%	0.125%
47	12.216	1720	1722	1724	rVV	150290	128405	2.43%	0.219%
48	12.245	1724	1727	1730	rVV	201635	225255	4.26%	0.384%
49	12.269	1730	1731	1734	rVB	118664	82582	1.56%	0.141%
50	12.322	1736	1740	1743	rBV	516543	526347	9.96%	0.897%
51	12.357	1743	1746	1748	rVV2	255886	338939	6.41%	0.577%
52	12.380	1748	1750	1752	rVV	173772	135014	2.56%	0.230%
53	12.410	1752	1755	1759	rVV2	241988	316315	5.99%	0.539%
54	12.480	1762	1767	1770	rVV	867634	911902	17.26%	1.553%
55	12.527	1773	1775	1776	rVV	127153	107999	2.04%	0.184%
56	12.545	1776	1778	1781	rVB2	129701	112491	2.13%	0.192%
57	12.586	1781	1785	1788	rBV3	168627	196036	3.71%	0.334%
58	12.710	1801	1806	1809	rVV	1092266	1137727	21.53%	1.938%
59	12.733	1809	1810	1812	rVV	145009	86062	1.63%	0.147%
60	12.769	1812	1816	1819	rVB2	165043	184685	3.50%	0.315%
61	12.851	1826	1830	1838	rVB	3984642	4139391	78.34%	7.051%
62	12.927	1840	1843	1850	rVB2	223368	347696	6.58%	0.592%
63	12.986	1850	1853	1855	rBV	96921	92147	1.74%	0.157%
64	13.016	1855	1858	1860	rVV3	187246	243818	4.61%	0.415%
65	13.033	1860	1861	1864	rVB	238515	199289	3.77%	0.339%
66	13.069	1864	1867	1868	rBV2	67366	67718	1.28%	0.115%
67	13.104	1871	1873	1876	rVB	105142	85086	1.61%	0.145%
68	13.139	1876	1879	1884	rBV	285032	294813	5.58%	0.502%
69	13.233	1892	1895	1897	rBV	276189	224948	4.26%	0.383%
70	13.263	1897	1900	1903	rVB	285186	241855	4.58%	0.412%
71	13.545	1946	1948	1953	rVB	187966	190491	3.60%	0.324%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.657	1962	1967	1969	rBV3	150228	234009	4.43%	0.399%
73	13.751	1979	1983	1993	rVB2	746208	973844	18.43%	1.659%
74	13.904	2004	2009	2012	rBV2	1393196	1650887	31.24%	2.812%
75	13.927	2012	2013	2022	rVB	441068	389821	7.38%	0.664%
76	14.074	2035	2038	2044	rVB4	171458	238326	4.51%	0.406%
77	14.227	2060	2064	2066	rBV3	70074	85289	1.61%	0.145%
78	14.292	2071	2075	2078	rVB	241187	232692	4.40%	0.396%
79	14.327	2078	2081	2083	rVB	135044	116178	2.20%	0.198%
80	14.380	2084	2090	2094	rBV5	284417	421116	7.97%	0.717%
81	14.416	2094	2096	2098	rBV	118840	90403	1.71%	0.154%
82	14.674	2137	2140	2143	rBV	248713	262412	4.97%	0.447%
83	14.745	2149	2152	2154	rBV	77355	76935	1.46%	0.131%
84	14.810	2160	2163	2165	rBV	68748	82332	1.56%	0.140%
85	14.927	2179	2183	2189	rVB	245891	393641	7.45%	0.671%
86	14.992	2190	2194	2197	rVV	307737	357250	6.76%	0.609%
87	15.021	2197	2199	2205	rVB2	107360	142929	2.70%	0.243%
88	15.210	2227	2231	2237	rBV	196178	246975	4.67%	0.421%
89	15.268	2238	2241	2247	rVB	247174	294837	5.58%	0.502%
90	15.333	2247	2252	2263	rBV	949065	1610911	30.49%	2.744%
91	15.762	2320	2325	2330	rBV	324681	491236	9.30%	0.837%
92	15.815	2330	2334	2340	rVB3	112204	212677	4.02%	0.362%
93	16.239	2402	2406	2413	rVB3	92170	160314	3.03%	0.273%
94	16.727	2484	2489	2496	rVB	130741	253201	4.79%	0.431%
95	16.798	2496	2501	2504	rBV2	64520	128070	2.42%	0.218%
96	16.839	2505	2508	2512	rVV3	65106	93085	1.76%	0.159%
97	17.151	2556	2561	2568	rVB	94513	184333	3.49%	0.314%
98	17.268	2578	2581	2588	rVB9	75244	139300	2.64%	0.237%
99	17.792	2665	2670	2681	rVB4	247721	624345	11.82%	1.063%
100	18.027	2702	2710	2727	rVB4	189263	627330	11.87%	1.069%

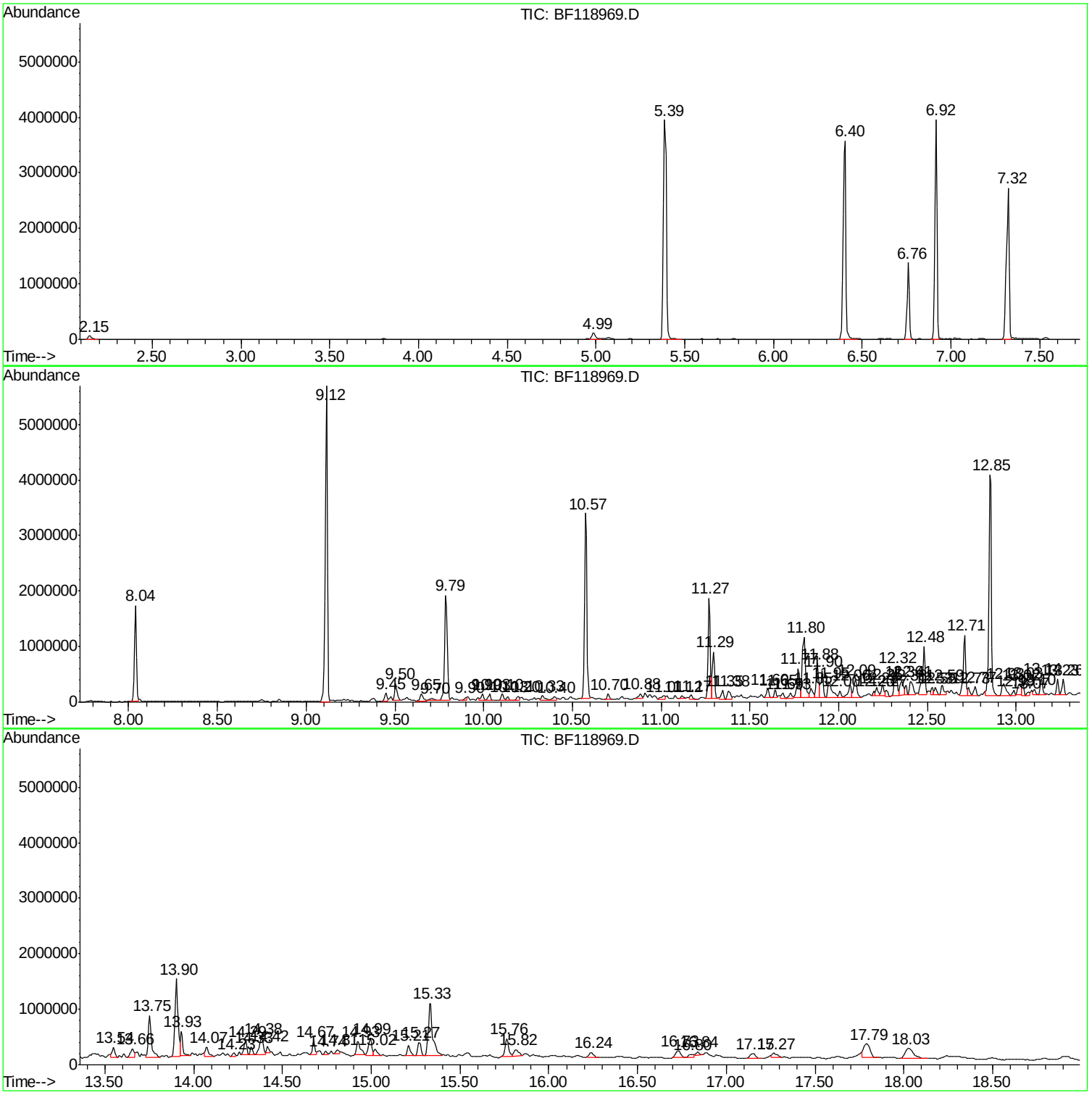
Sum of corrected areas: 58708248

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

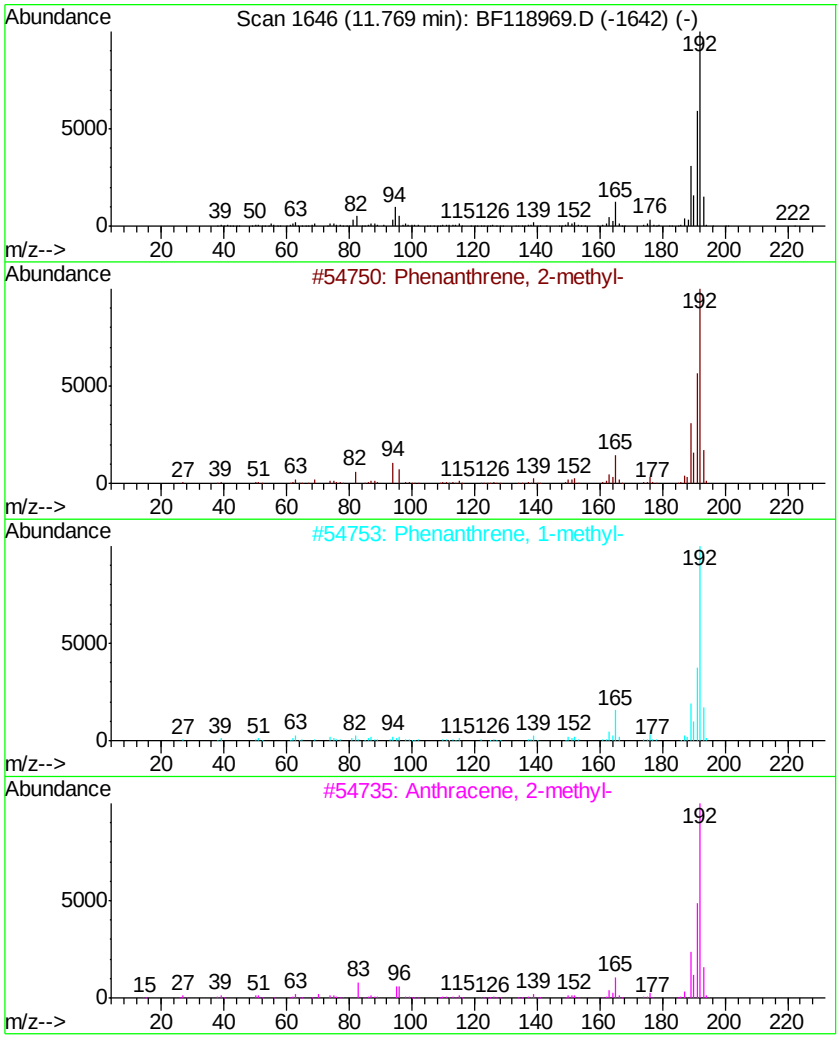
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

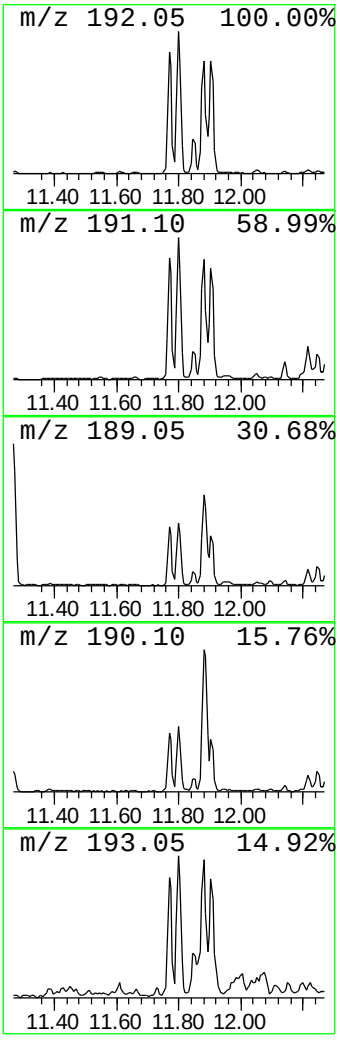
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.38 ng	554688	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

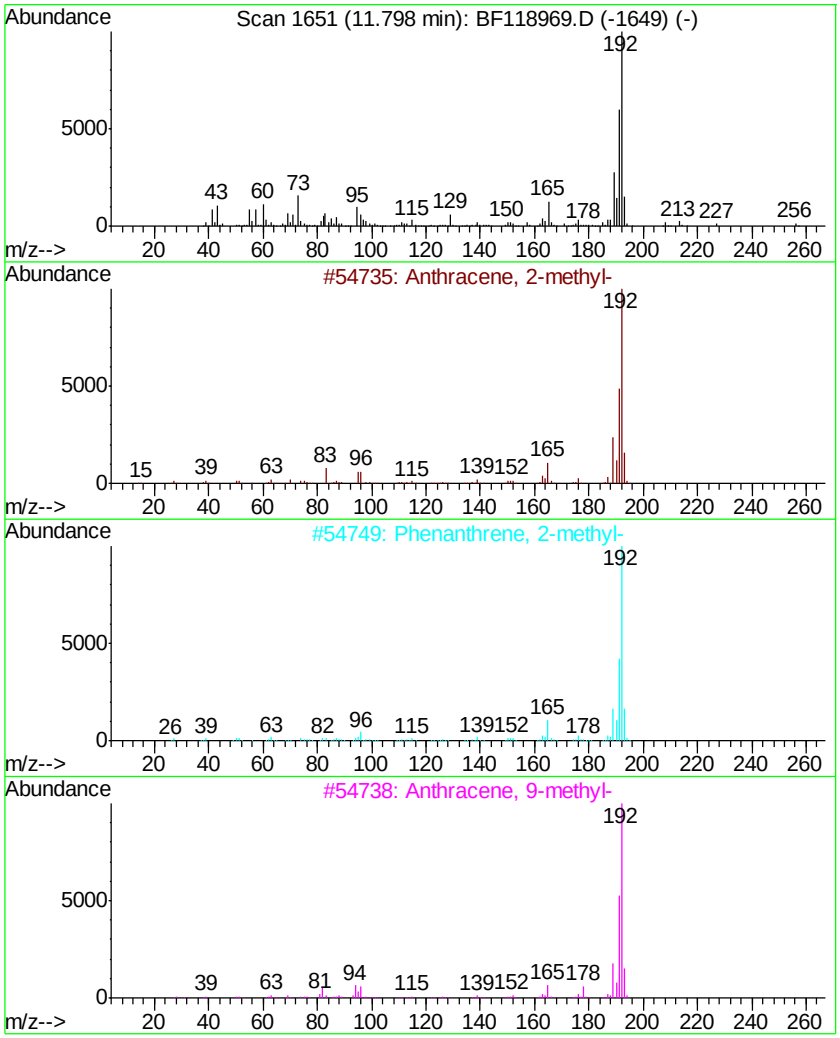
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

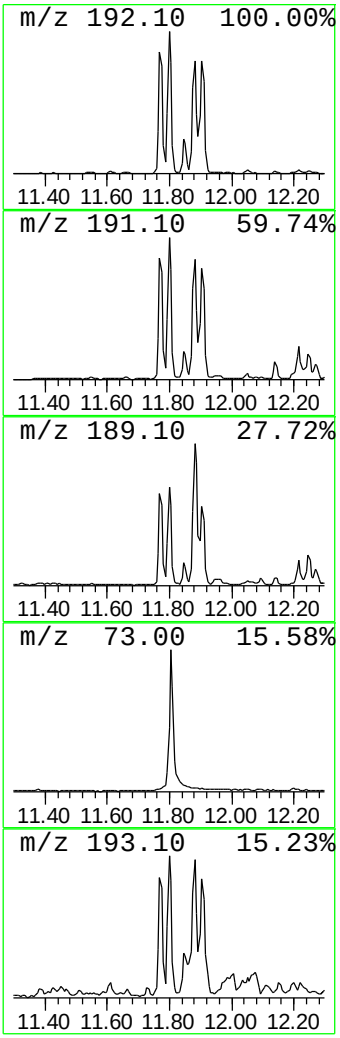
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	13.67 ng	1188450	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

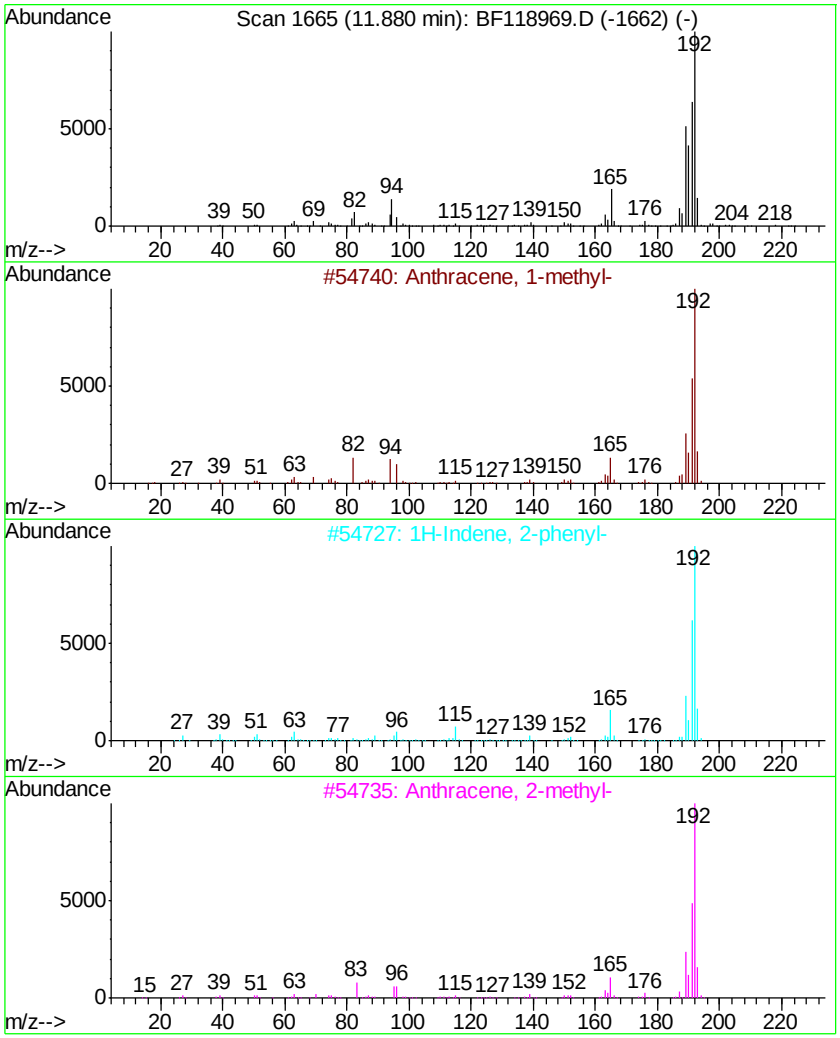
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

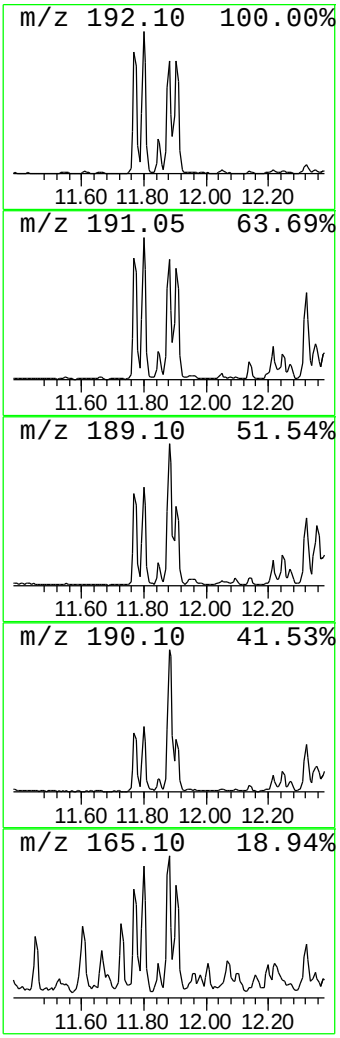
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.33 ng	636866	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

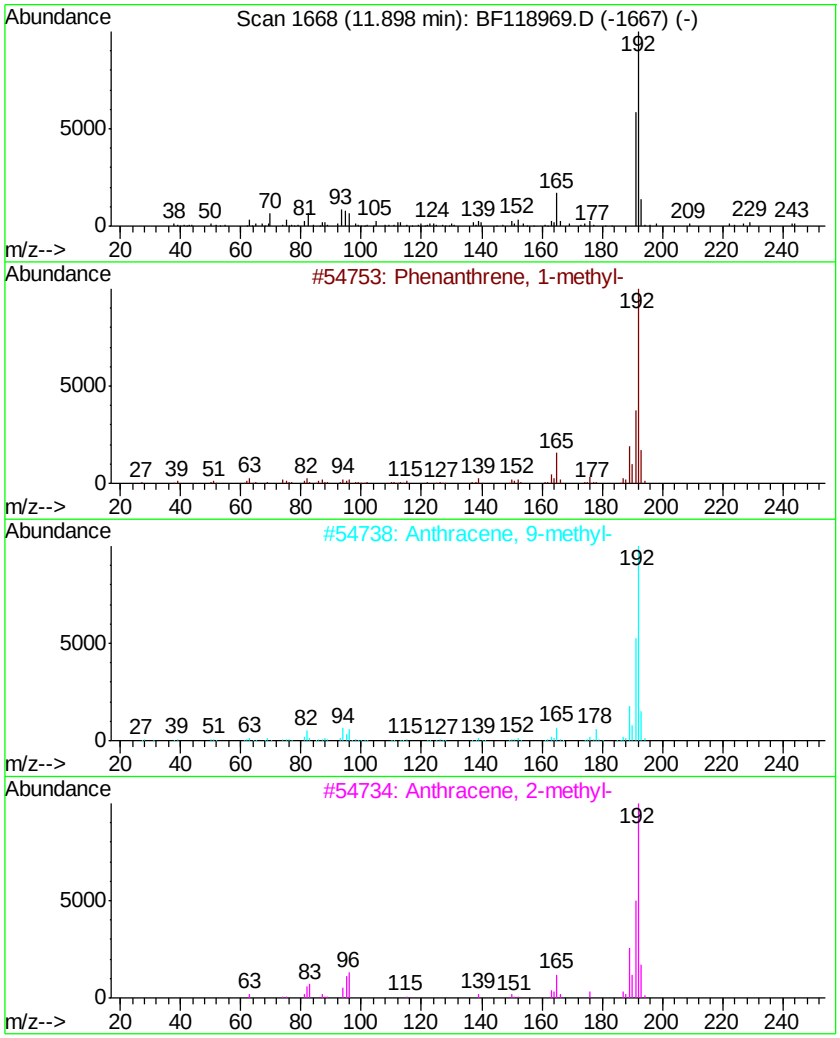
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

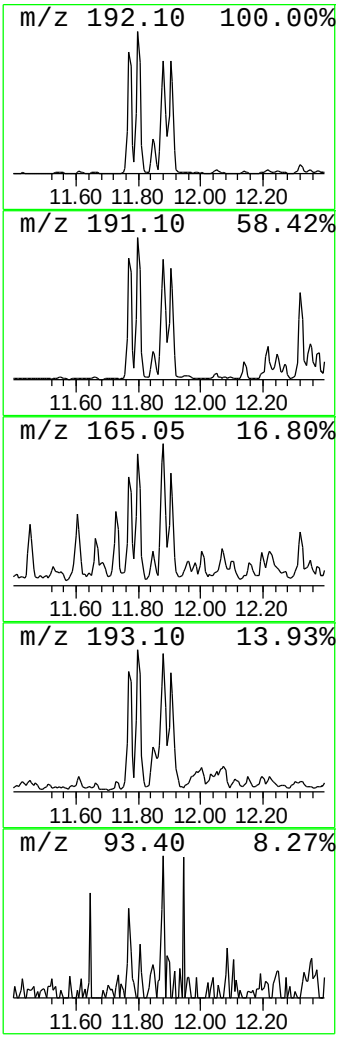
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.98 ng	432828	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

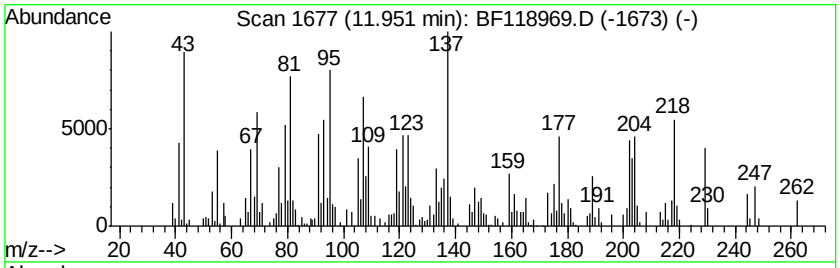
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

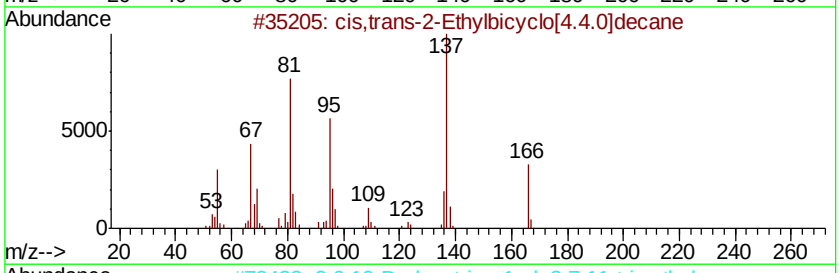
****

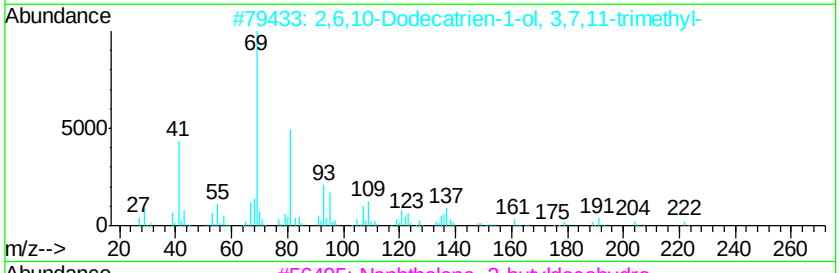
Peak Number 6 cis,trans-2-Ethylbicyclo[4.... Concentration Rank 11

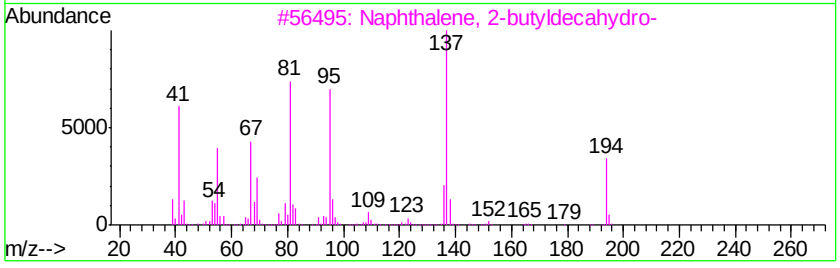
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.08 ng	441616	Phenanthrene-d10	11.27

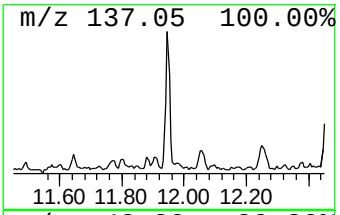
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	50
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	47
3	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	43
4	2-Bromomethyl-1-isopropenyl-3-me...	216	C10H17Br	1000187-07-8	35
5	Phosphonic acid, bicyclo[2.2.1]h...	204	C9H17O3P	031061-88-8	27

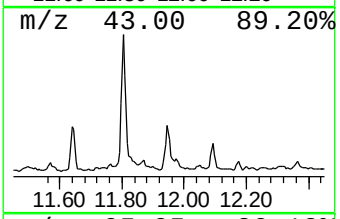


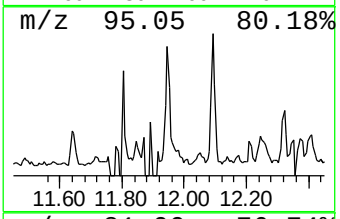


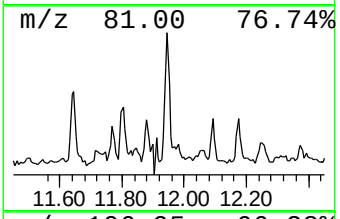


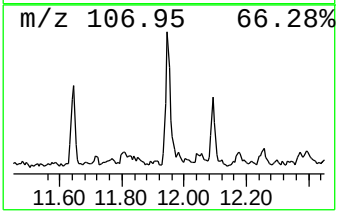












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

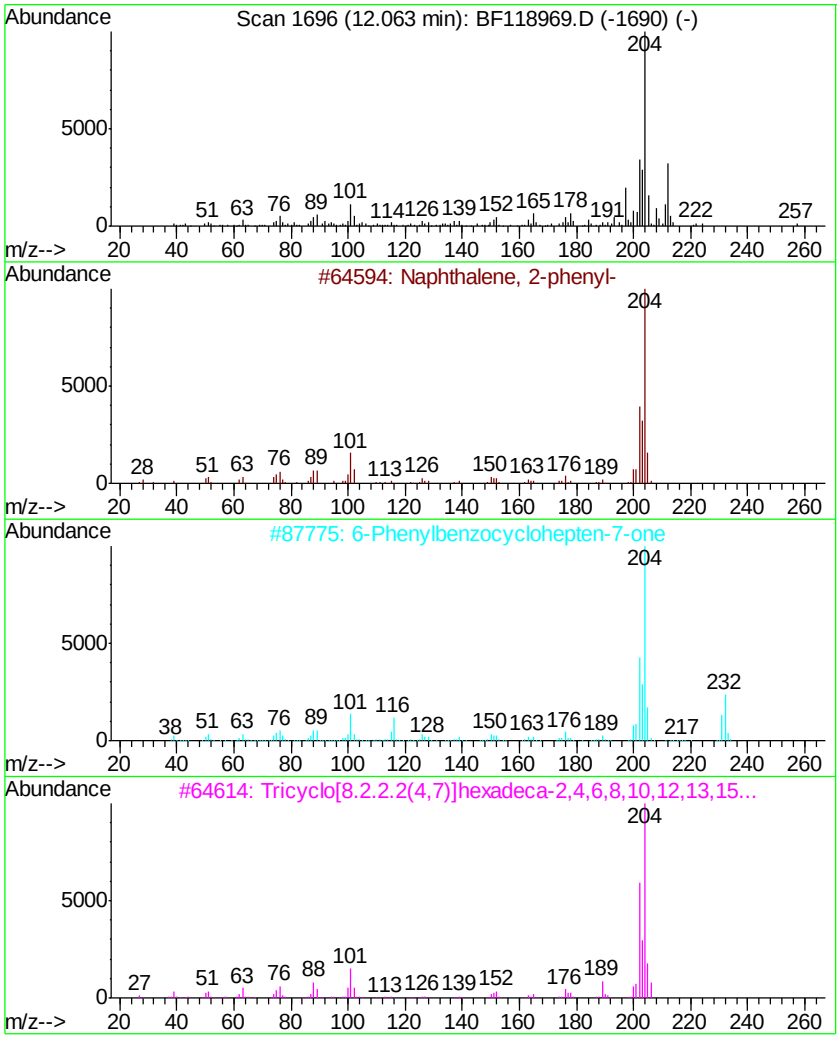
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

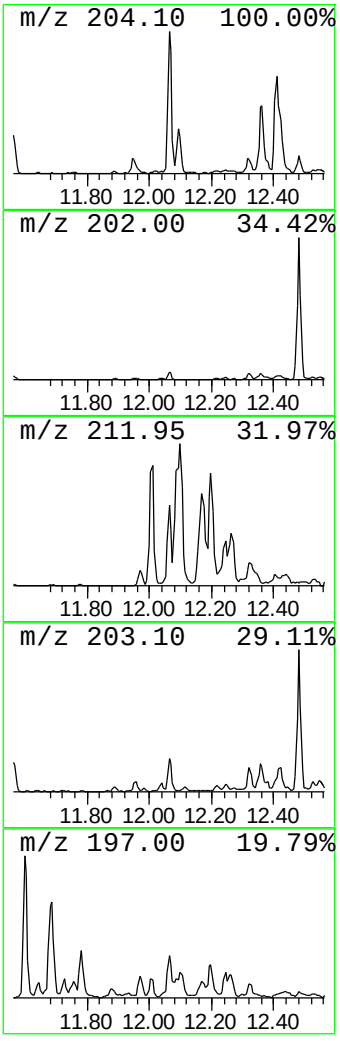
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.29 ng	286313	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	62
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	52
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

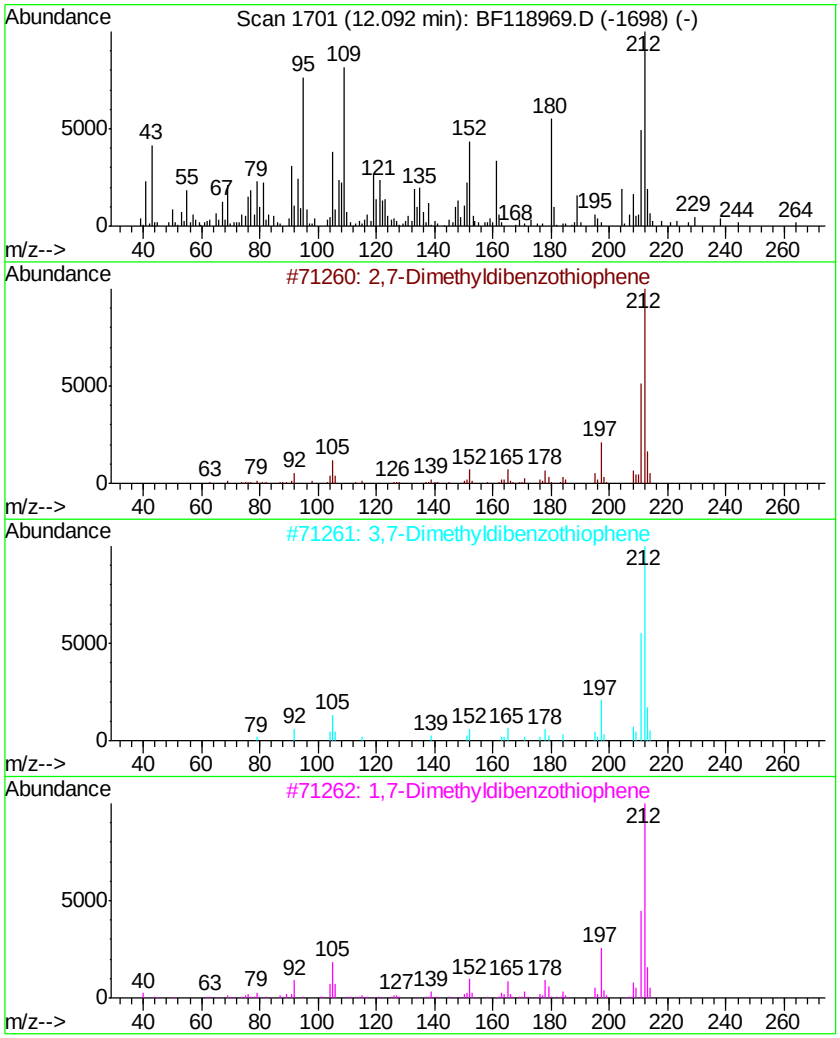
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

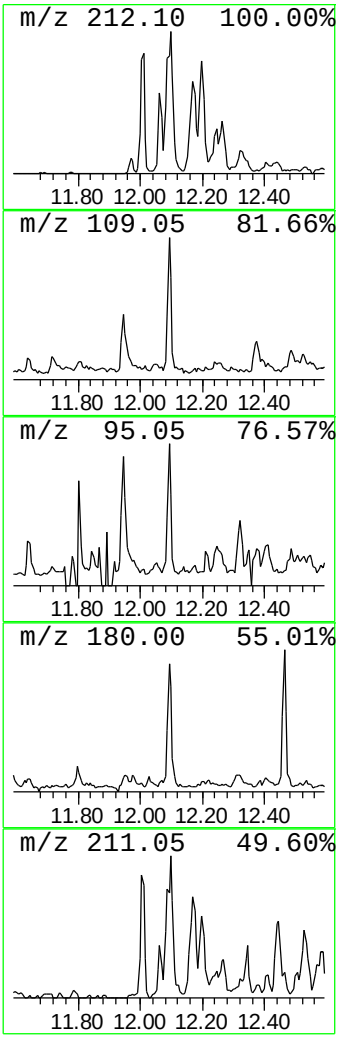
****

Peak Number 8 unknown12.09 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.19 ng	364253	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	35
2	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	35
3	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	35
4	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	35
5	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

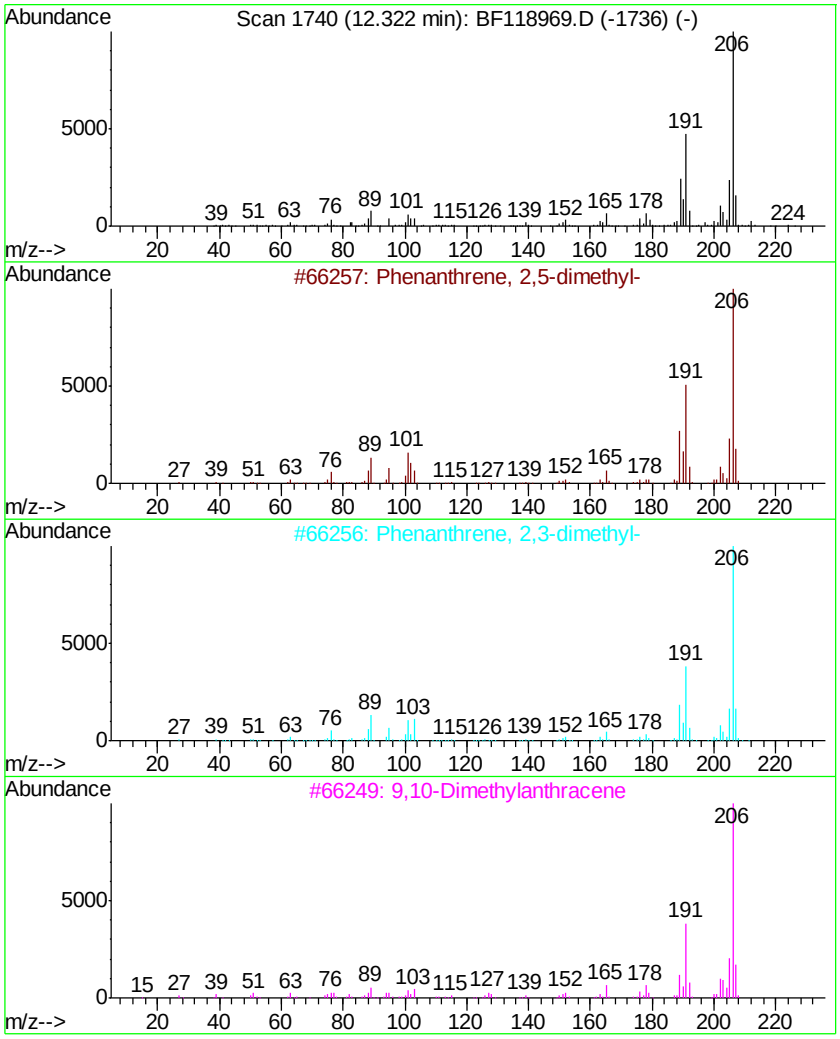
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

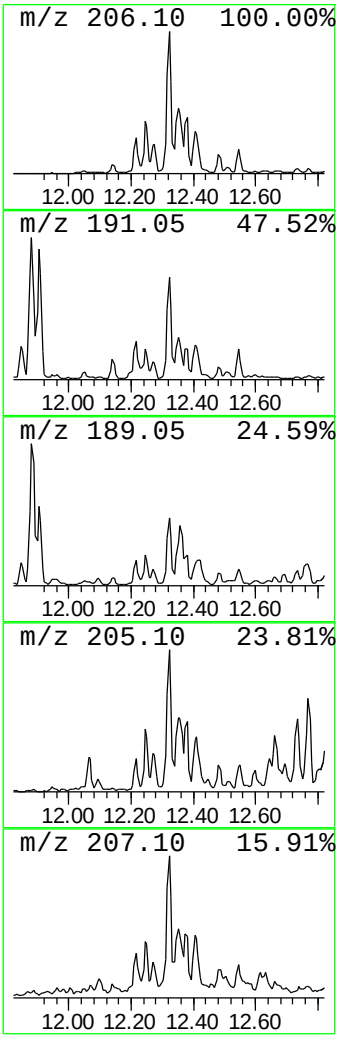
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	6.05 ng	526347	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

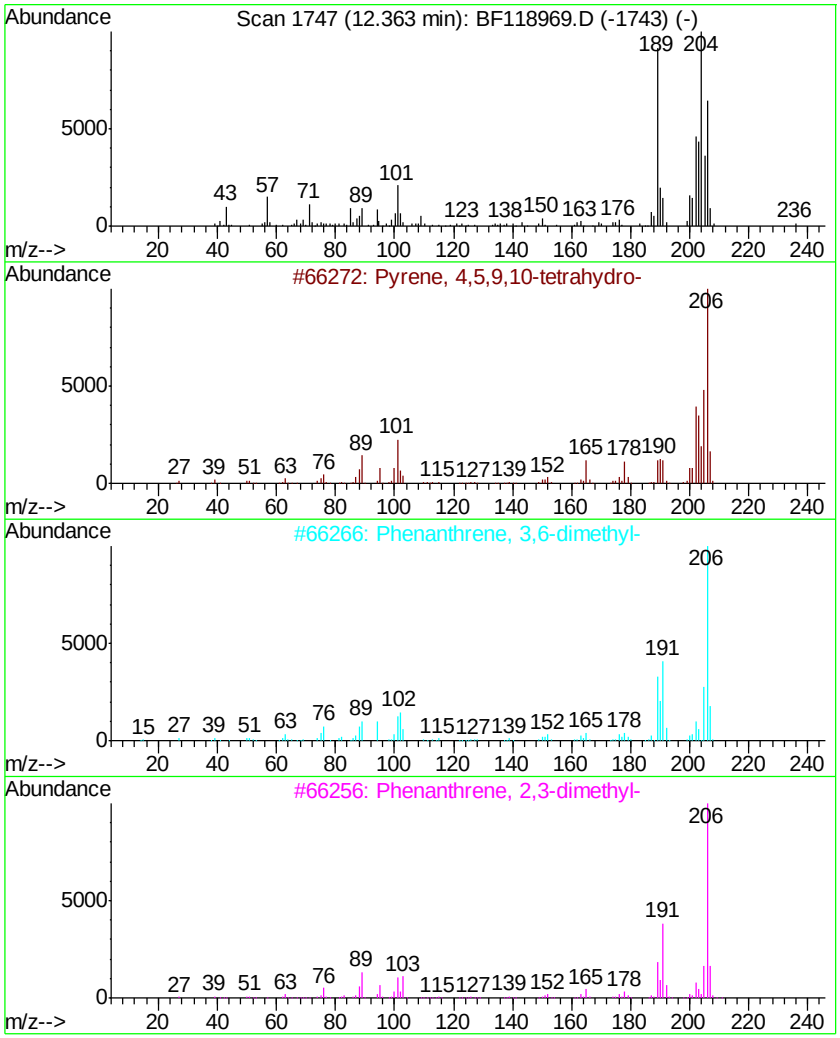
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

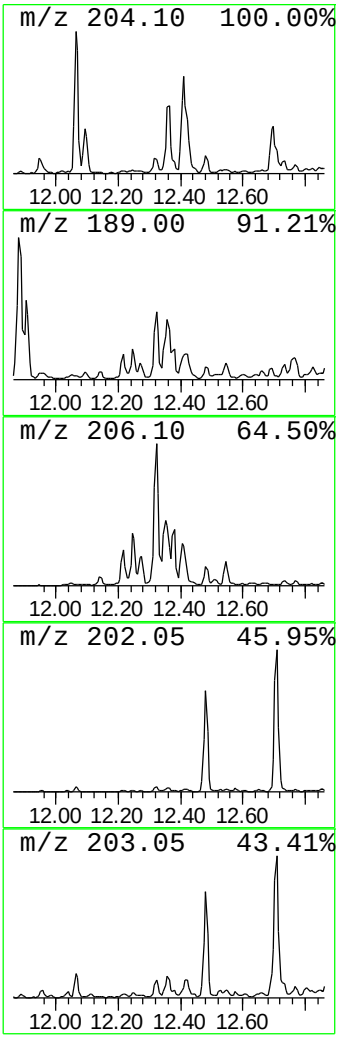
****

Peak Number 10 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.90 ng	338939	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	49
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

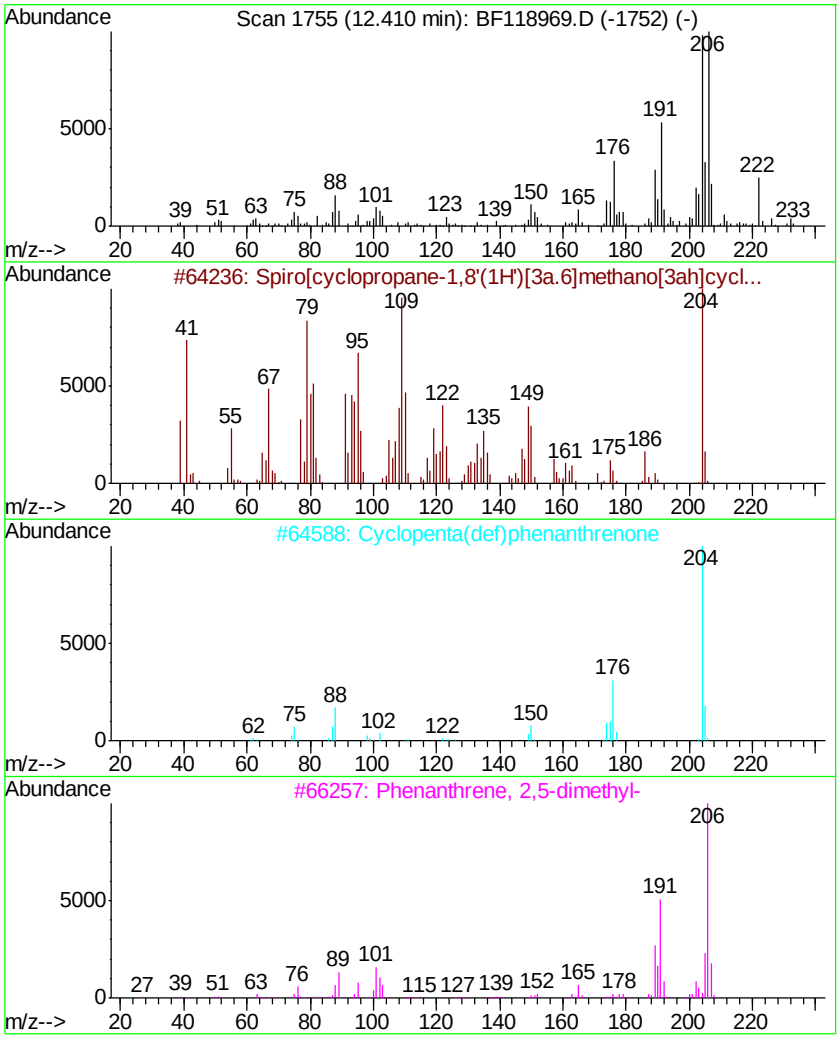
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

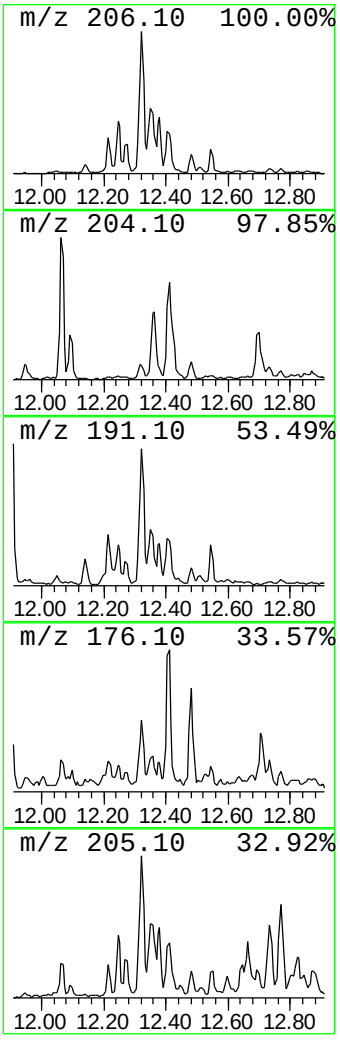
****

Peak Number 11 Spiro[cyclopropane-1,8'(1H'... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.64 ng	316315	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	90
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

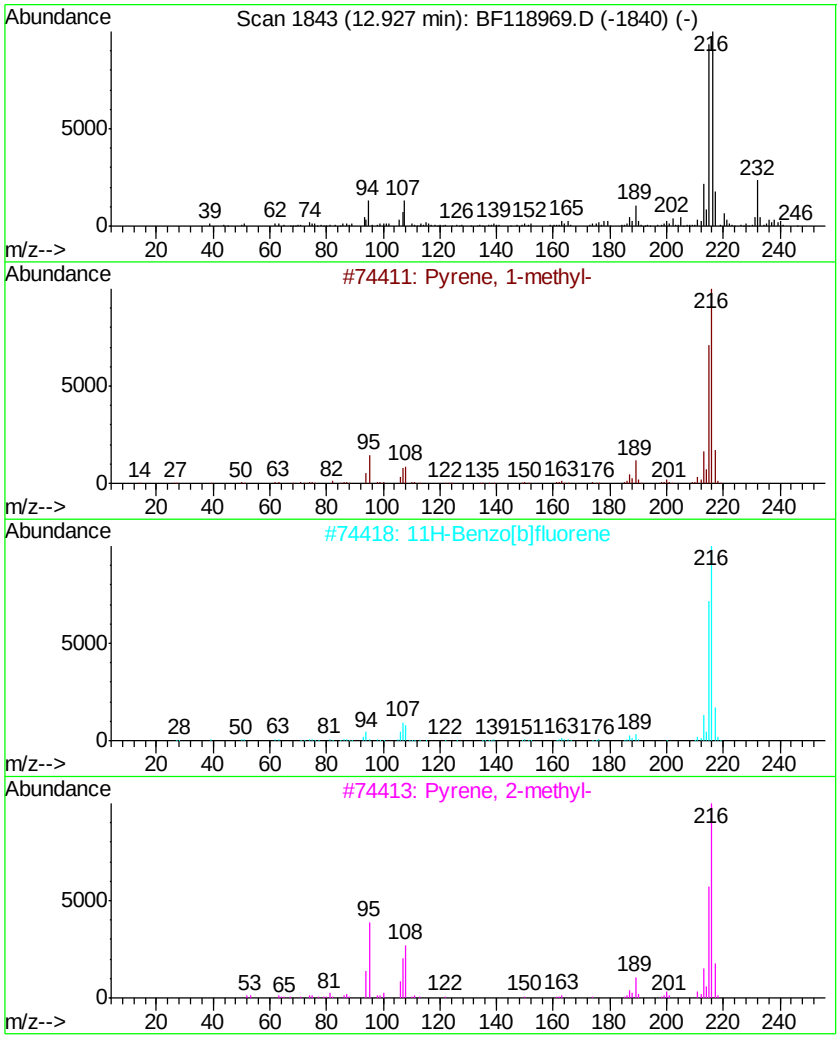
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

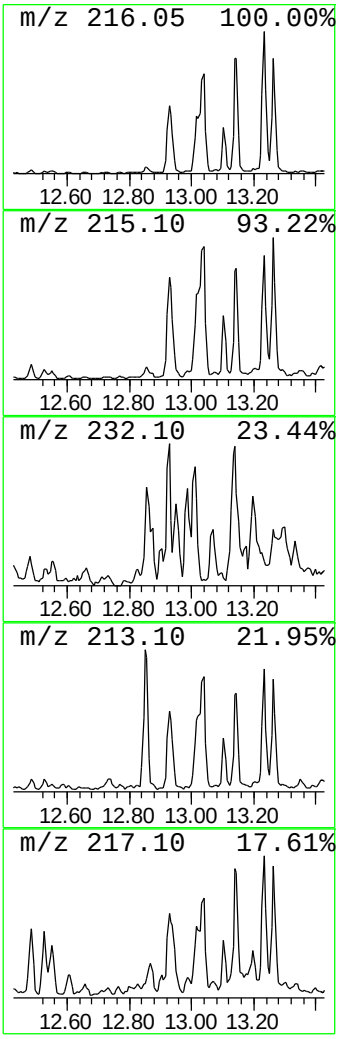
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.21 ng	347696	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

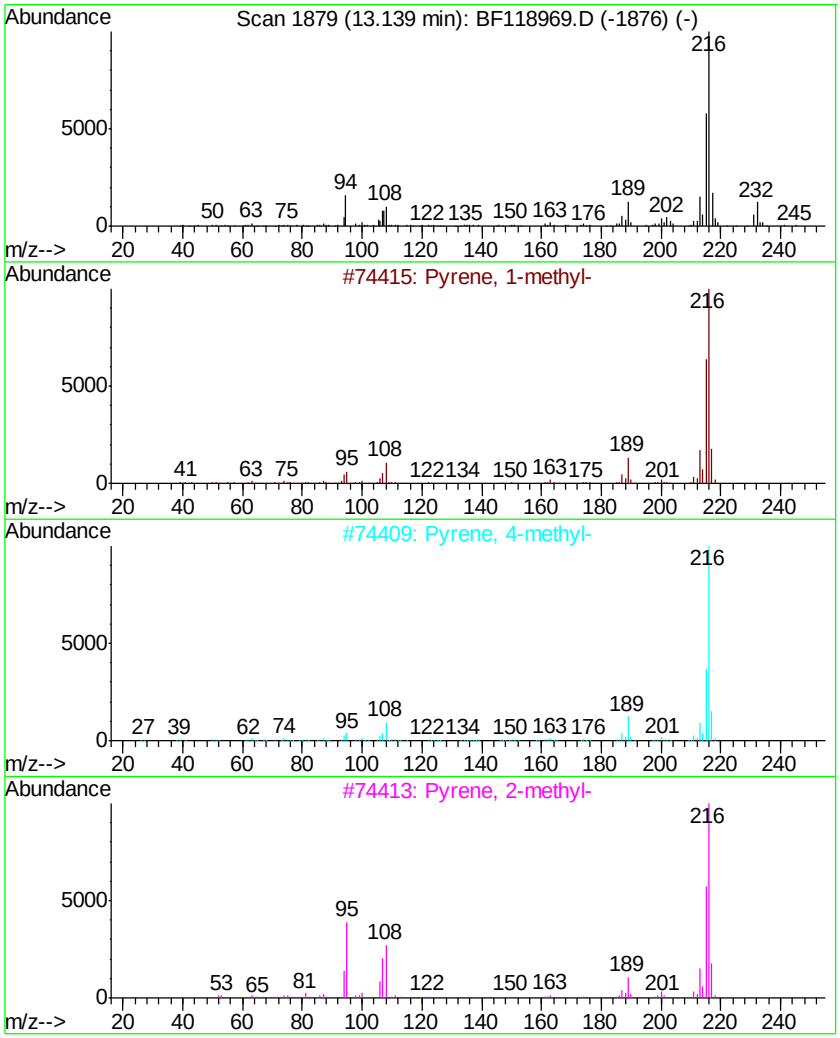
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

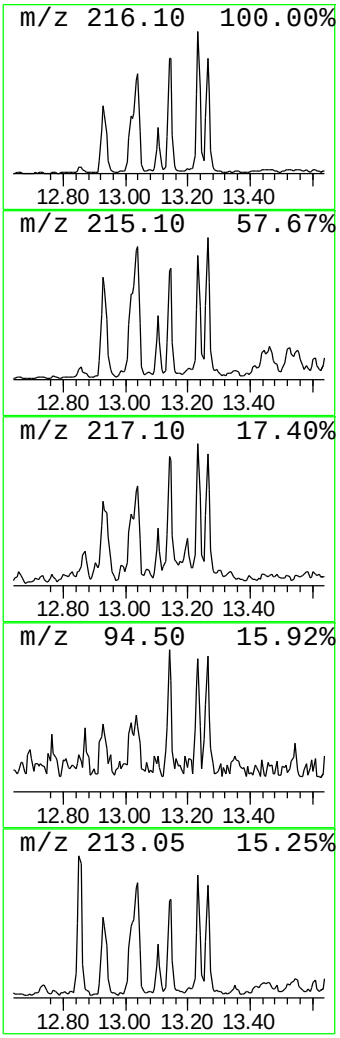
****

Peak Number 13 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.57 ng	294813	Chrysene-d12	13.90

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	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

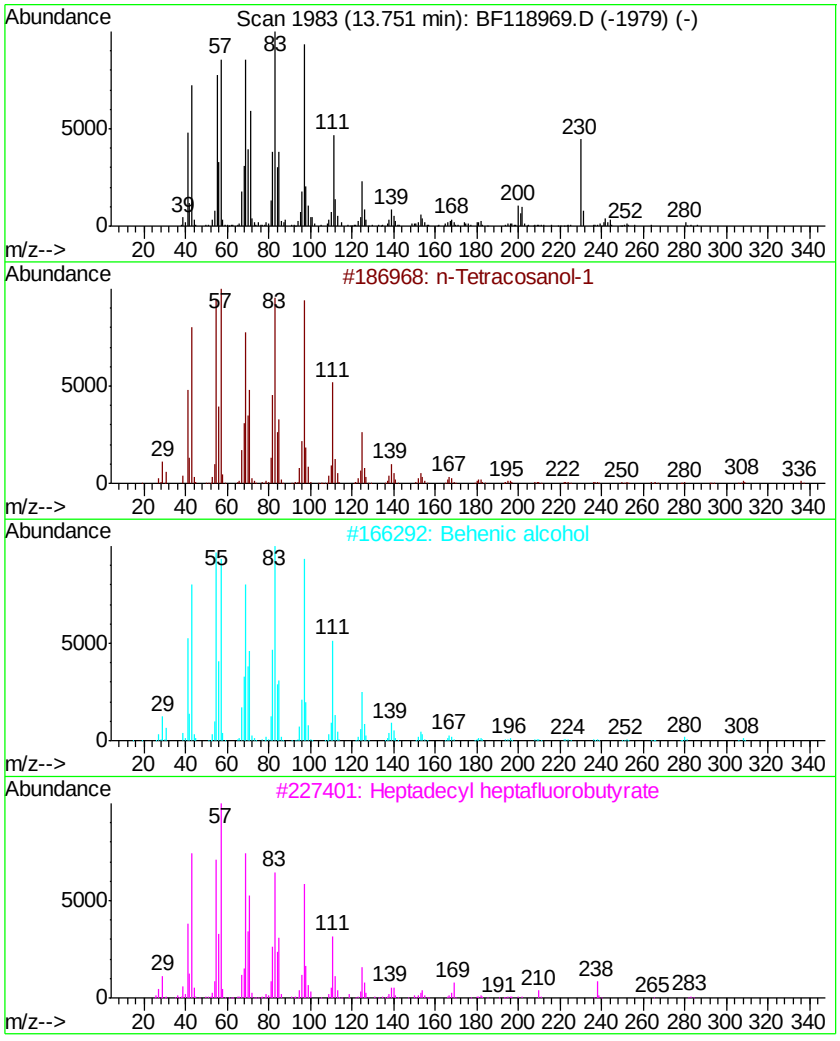
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

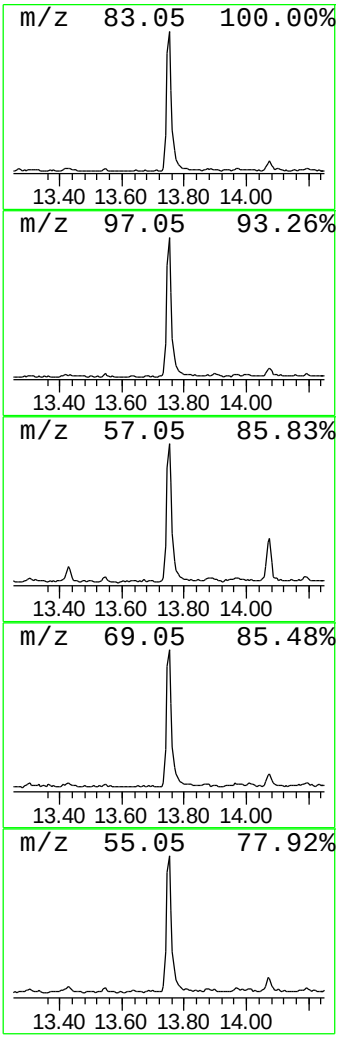
****

Peak Number 14 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	11.80 ng	973844	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

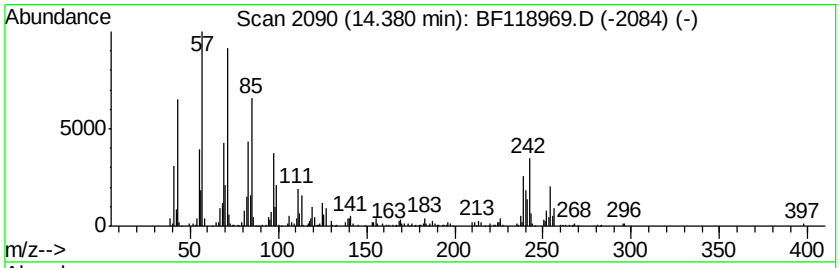
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

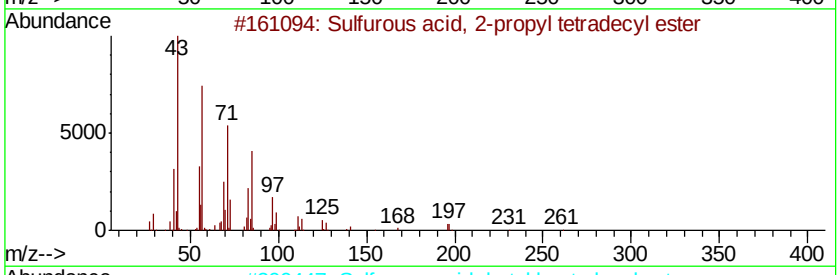
****

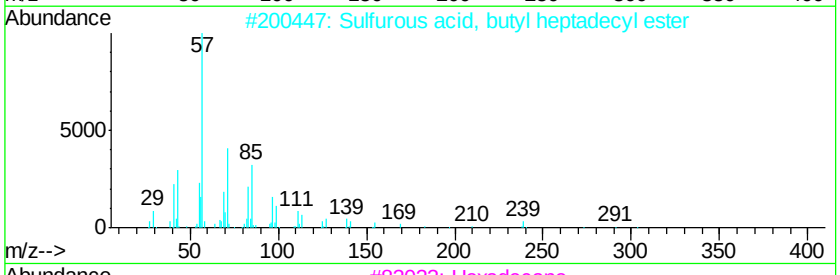
Peak Number 15 Sulfurous acid, 2-propyl te... Concentration Rank 10

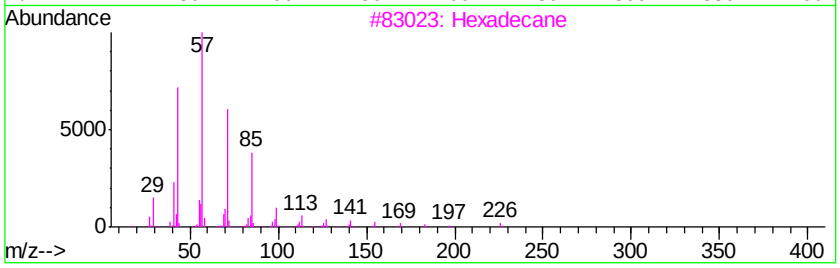
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	5.10 ng	421116	Chrysene-d12	13.90

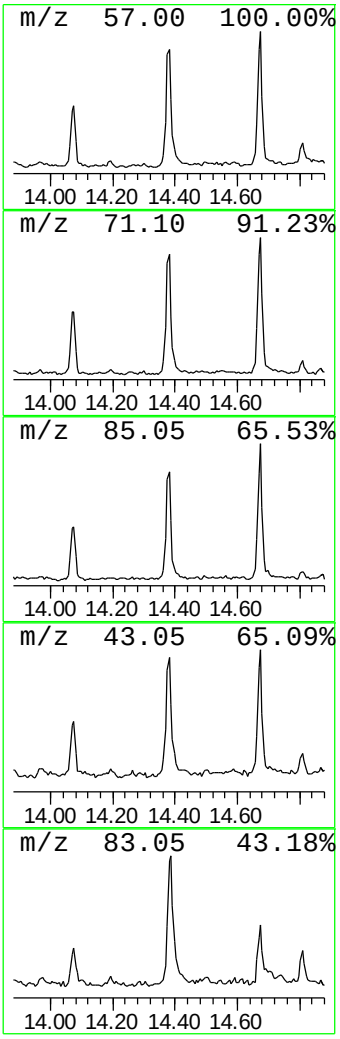
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	76
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	68
3	Hexadecane	226	C16H34	000544-76-3	64
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	62
5	Heptadecane	240	C17H36	000629-78-7	60











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

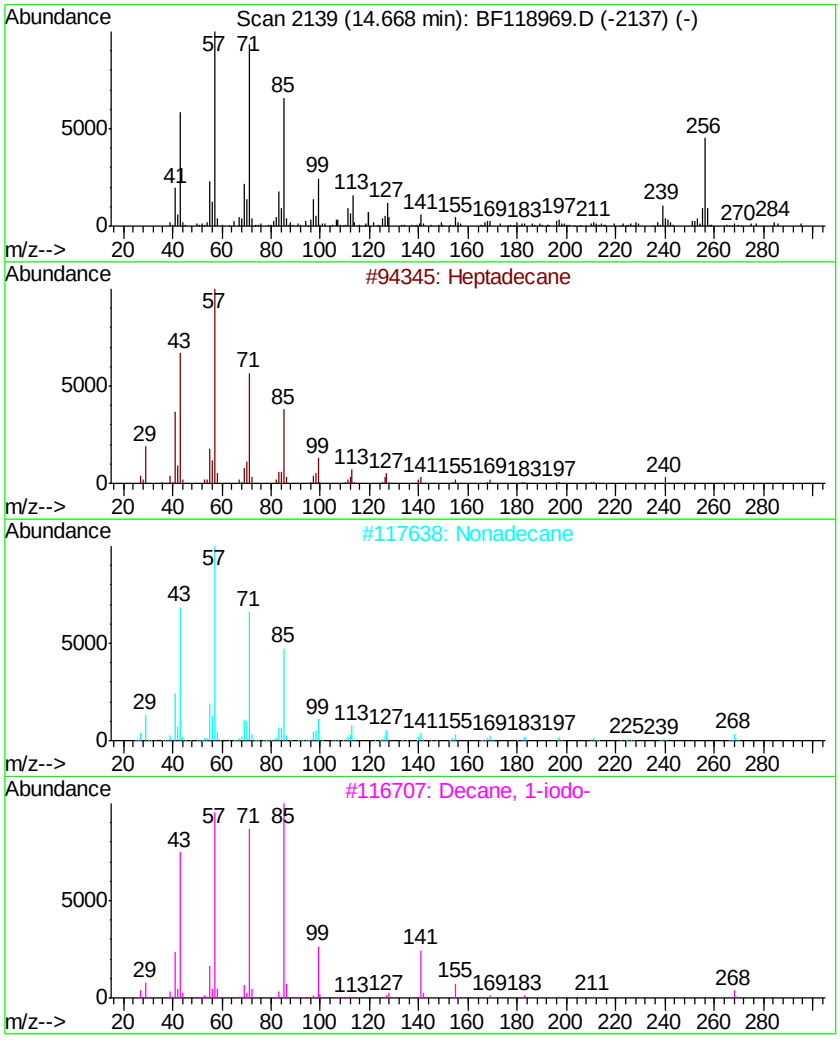
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

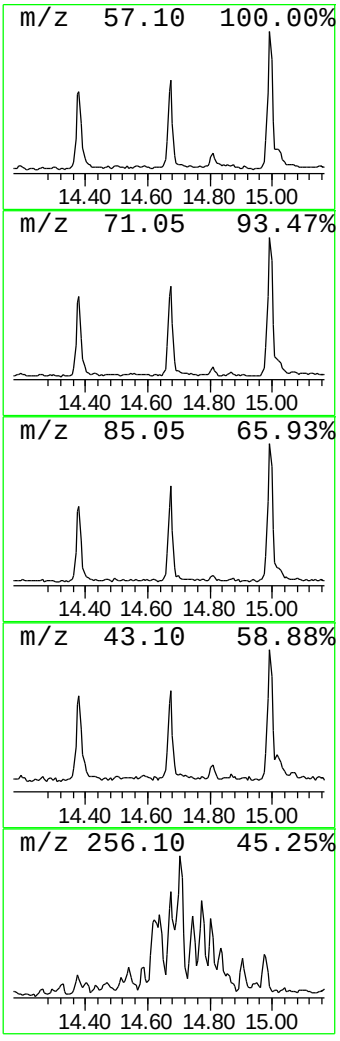
****

Peak Number 16 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.26 ng	262412	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	92
2	Nonadecane	268	C19H40	000629-92-5	86
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	83
4	Heneicosane	296	C21H44	000629-94-7	70
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

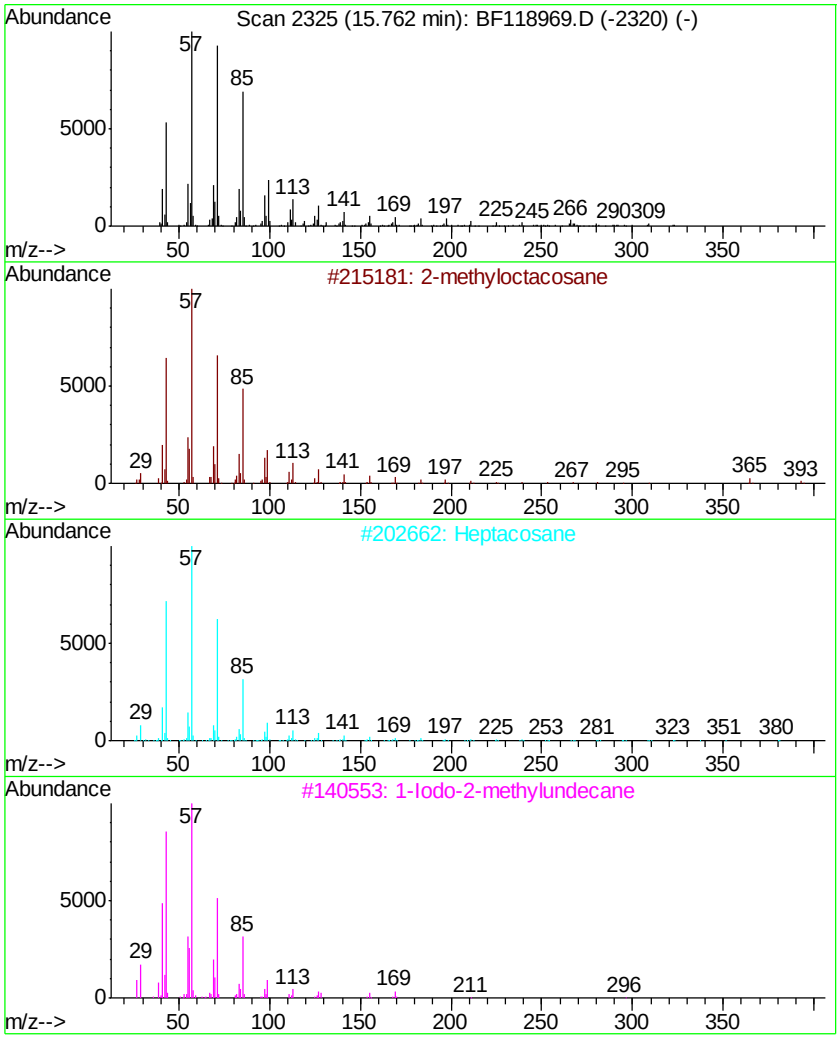
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

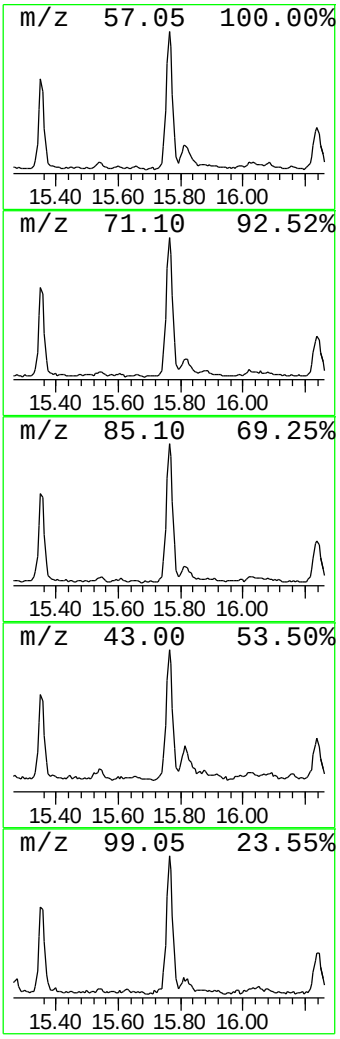
****

Peak Number 18 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	6.10 ng	491236	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

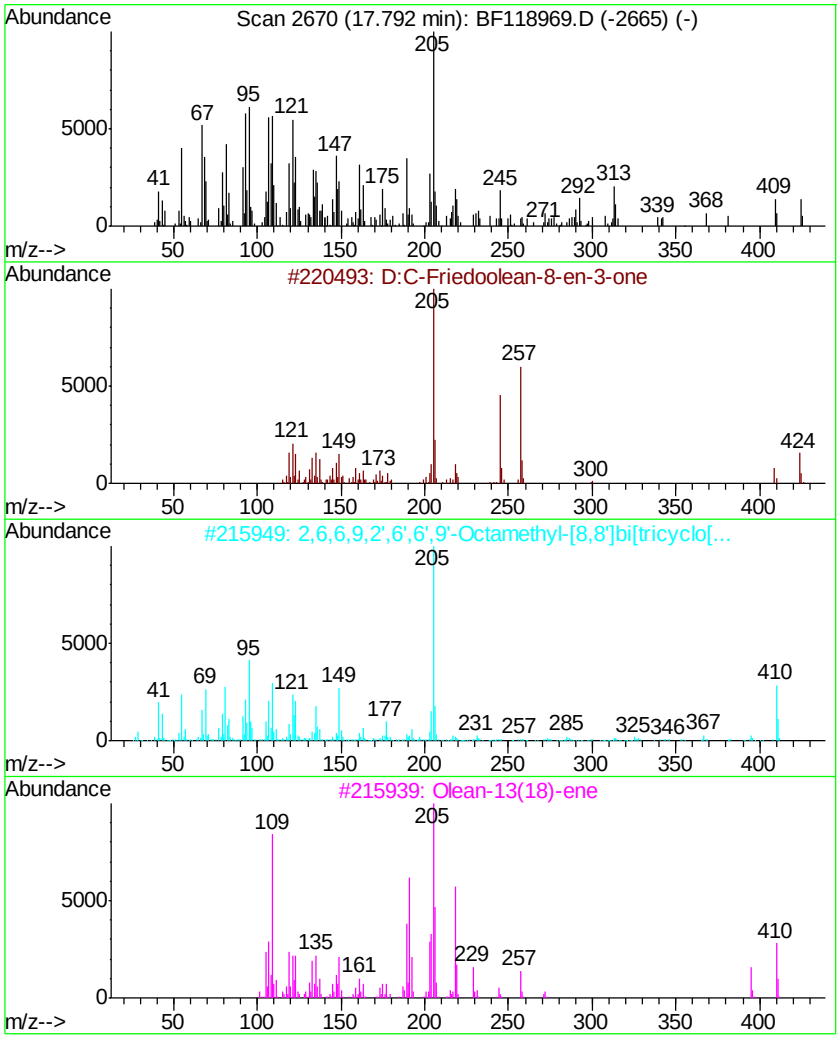
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

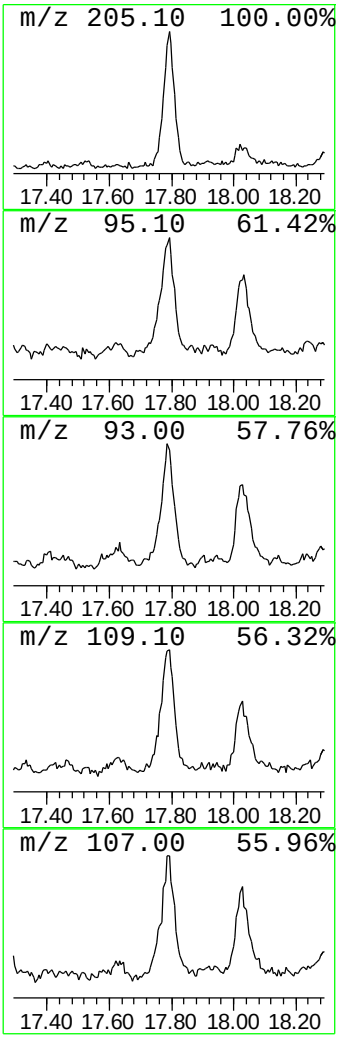
****

Peak Number 19 D:C-Friedoolean-8-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	7.75 ng	624345	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	92
2	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	86
3	Olean-13(18)-ene	410	C30H50	003399-27-7	53
4	Longifolenaldehyde	220	C15H24O	019890-84-7	50
5	1-Propyl-2,2-bis(phenylthio)cycl...	314	C19H22S2	122732-89-2	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

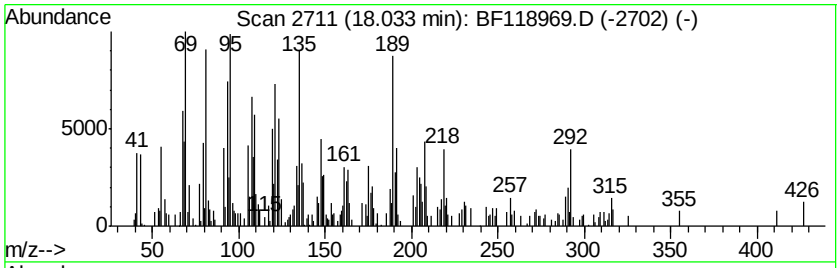
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

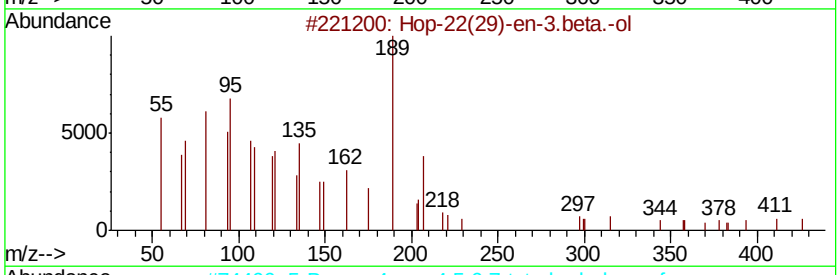
****

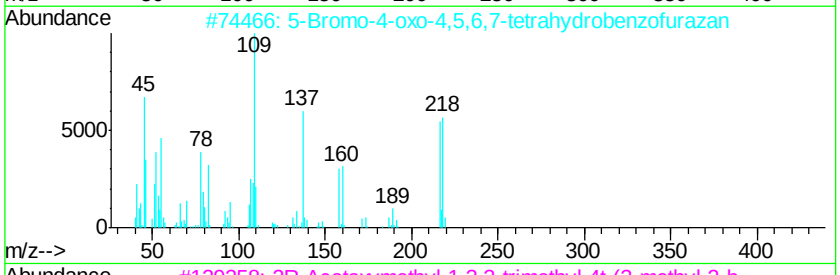
Peak Number 20 Hop-22(29)-en-3.beta.-ol Concentration Rank 4

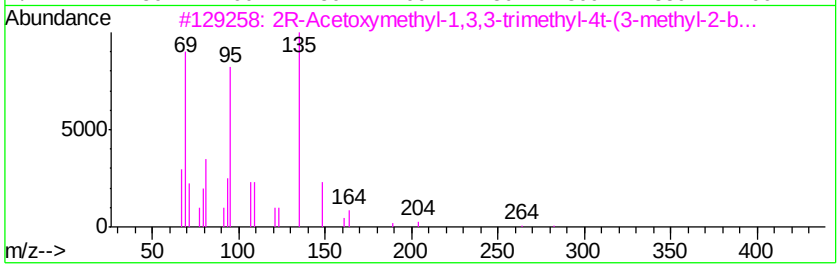
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	7.79 ng	627330	Perylene-d12	15.33

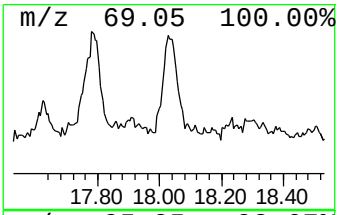
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	92
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
3	2R-Acetoxymethyl-1,3,3-trimethyl...	282	C17H30O3	1000146-23-9	42
4	1-Cyclohexene-1-butanal, .alpha....	208	C14H24O	021632-06-4	30
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	30

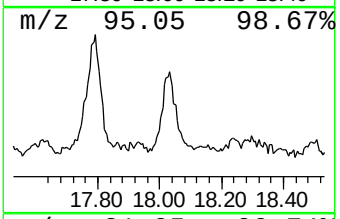


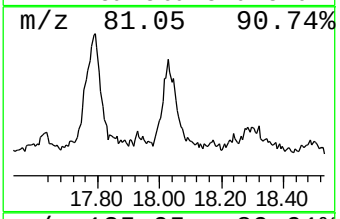


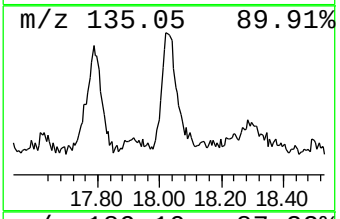


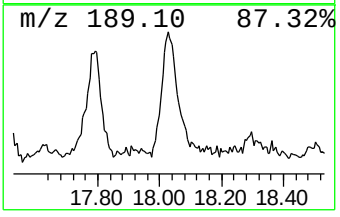












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
Data File : BF118969.D
Acq On : 20 Feb 2020 20:10
Operator : CG/JU
Sample : L1546-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : INDIAN-ISLAND-(7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
Phenanthrene, 2-m...	11.77	6.4	ng	554688	4	11.27	1738590	20.0
Anthracene, 2-met...	11.80	13.7	ng	1188450	4	11.27	1738590	20.0
Anthracene, 1-met...	11.88	7.3	ng	636866	4	11.27	1738590	20.0
Phenanthrene, 1-m...	11.90	5.0	ng	432828	4	11.27	1738590	20.0
cis,trans-2-Ethyl...	11.95	5.1	ng	441616	4	11.27	1738590	20.0
Naphthalene, 2-ph...	12.06	3.3	ng	286313	4	11.27	1738590	20.0
unknown12.09	12.09	4.2	ng	364253	4	11.27	1738590	20.0
Phenanthrene, 2,5...	12.32	6.0	ng	526347	4	11.27	1738590	20.0
Pyrene, 4,5,9,10-...	12.36	3.9	ng	338939	4	11.27	1738590	20.0
Spiro[cyclopropan...	12.41	3.6	ng	316315	4	11.27	1738590	20.0
Pyrene, 1-methyl-	12.93	4.2	ng	347696	5	13.90	1650890	20.0
Pyrene, 4-methyl-	13.14	3.6	ng	294813	5	13.90	1650890	20.0
n-Tetracosanol-1	13.75	11.8	ng	973844	5	13.90	1650890	20.0
Sulfurous acid, 2...	14.38	5.1	ng	421116	5	13.90	1650890	20.0
Heptadecane	14.67	3.3	ng	262412	6	15.33	1610910	20.0
2-methyloctacosane	15.76	6.1	ng	491236	6	15.33	1610910	20.0
D:C-Friedoolean-8...	17.79	7.8	ng	624345	6	15.33	1610910	20.0
Hop-22(29)-en-3.b...	18.03	7.8	ng	627330	6	15.33	1610910	20.0