LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-021820-COMP-0-5

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	4.975	488	491	500	rVB	28473	37773	1.13%	0.126%
2	5.381	556	560	578	rBV	2876095	2856088	85.71%	9.507%
3	6.398	728	733	748	rBV	2855134	2746716	82.43%	9.143%
4	6.757	790	794	802	rBV	970003	861246	25.85%	2.867%
5	6.910	816	820	824	rBV	2777044	2541025	76.26%	8.458%
6	7.316	884	889	892	rBV	1881815	1766535	53.01%	5.880%
7	8.034	1007	1011	1015	rBV	1115741	1016505	30.51%	3.384%
8	9.110	1190	1194	1198	rBV	3659099	3332188	100.00%	11.091%
9	9.504	1257	1261	1265	rBV	264251	207765	6.24%	0.692%
10	9.786	1305	1309	1313	rBV	1199796	1014289	30.44%	3.376%
11	10.575	1439	1443	1455	rBV	1950223	1703955	51.14%	5.672%
12	11.269	1558	1561	1564	rBV	1043230	957991	28.75%	3.189%
13	11.292	1564	1565	1569	rVV	246330	159280	4.78%	0.530%
14	11.345	1571	1574	1578	rVB	55446	48503	1.46%	0.161%
15	11.774	1643	1647	1649	rBV	61881	58665	1.76%	0.195%
16	11.798	1649	1651	1657	rVV	161293	158479	4.76%	0.528%
17	11.880	1662	1665	1668	rVV	109374	130311	3.91%	0.434%
18	11.904	1668	1669	1675	rVB	60576	44792	1.34%	0.149%
19	12.069	1693	1697	1699	rBV	41338	41433	1.24%	0.138%
20	12.321	1736	1740	1743	rBV	66530	68824	2.07%	0.229%
21	12.410	1752	1755	1759	rBV2	55460	59439	1.78%	0.198%
22	12.480	1763	1767	1771	rBV	750524	622235	18.67%	2.071%
23	12.710	1800	1806	1809	rBV	828797	777650	23.34%	2.588%
24	12.763	1812	1815	1819	rVB2	31398	43315	1.30%	0.144%
25	12.851	1826	1830	1834	rBV	3279759	3046332	91.42%	10.140%
26	12.927	1838	1843	1847	rBV2	59902	95121	2.85%	0.317%
27	13.016	1855	1858	1860	rBV3	54136	69435	2.08%	0.231%
28	13.039	1860	1862	1865	rVB2	96764	80889	2.43%	0.269%
29	13.104	1868	1873	1876	rBV	48667	46017	1.38%	0.153%
30	13.139	1876	1879	1882	rBV2	82693	89763	2.69%	0.299%
31	13.233	1892	1895	1898	rBV	64787	52163	1.57%	0.174%
32	13.263	1898	1900	1904	rBV	62720	60876	1.83%	0.203%
33	13.427	1923	1928	1932	rBV7	29653	64836	1.95%	0.216%
34	13.545	1946	1948	1953	rVB	60941	63976	1.92%	0.213%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-021820-COMP-0-5

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	13.657	1963	1967	1969	rBV2	69320	78551	2.36%	0.261%
36	13.680	1969	1971	1974	rVV	69814	71553	2.15%	0.238%
37	13.710	1974	1976	1980	rVV2	53148	66715	2.00%	0.222%
38	13.757	1980	1984	1993	rVB2	245563	368660	11.06%	1.227%
39	13.904	2002	2009	2012	rBV2	1224676	1525523	45.78%	5.078%
40	13.933	2012	2014	2022	rVB	350607	328167	9.85%	1.092%
41	14.010	2025	2027	2030	rVB	49207	44657	1.34%	0.149%
42	14.074	2035	2038	2040	rBV3	37574	42859	1.29%	0.143%
43	14.292	2073	2075	2078	rVB	80091	63334	1.90%	0.211%
44	14.327	2079	2081	2085	rVB	48008	41625	1.25%	0.139%
45	14.374	2086	2089	2094	rBV3	55105	89051	2.67%	0.296%
46	14.415	2094	2096	2098	rBV	43407	38113	1.14%	0.127%
47	14.674	2137	2140	2143	rVB2	68913	65329	1.96%	0.217%
48	14.927	2179	2183	2190	rVV	311975	530580	15.92%	1.766%
49	14.992	2192	2194	2197	rVV2	61074	59555	1.79%	0.198%
50	15.033	2198	2201	2204	rVB	62114	65855	1.98%	0.219%
51	15.215	2228	2232	2238	rVB	180238	226011	6.78%	0.752%
52	15.274	2238	2242	2246	rBV	257503	289178	8.68%	0.963%
53	15.333	2248	2252	2264	rVB	648342	956792	28.71%	3.185%
54	16.733	2487	2490	2498	rVB	94342	166217	4.99%	0.553%

Sum of corrected areas: 30042735

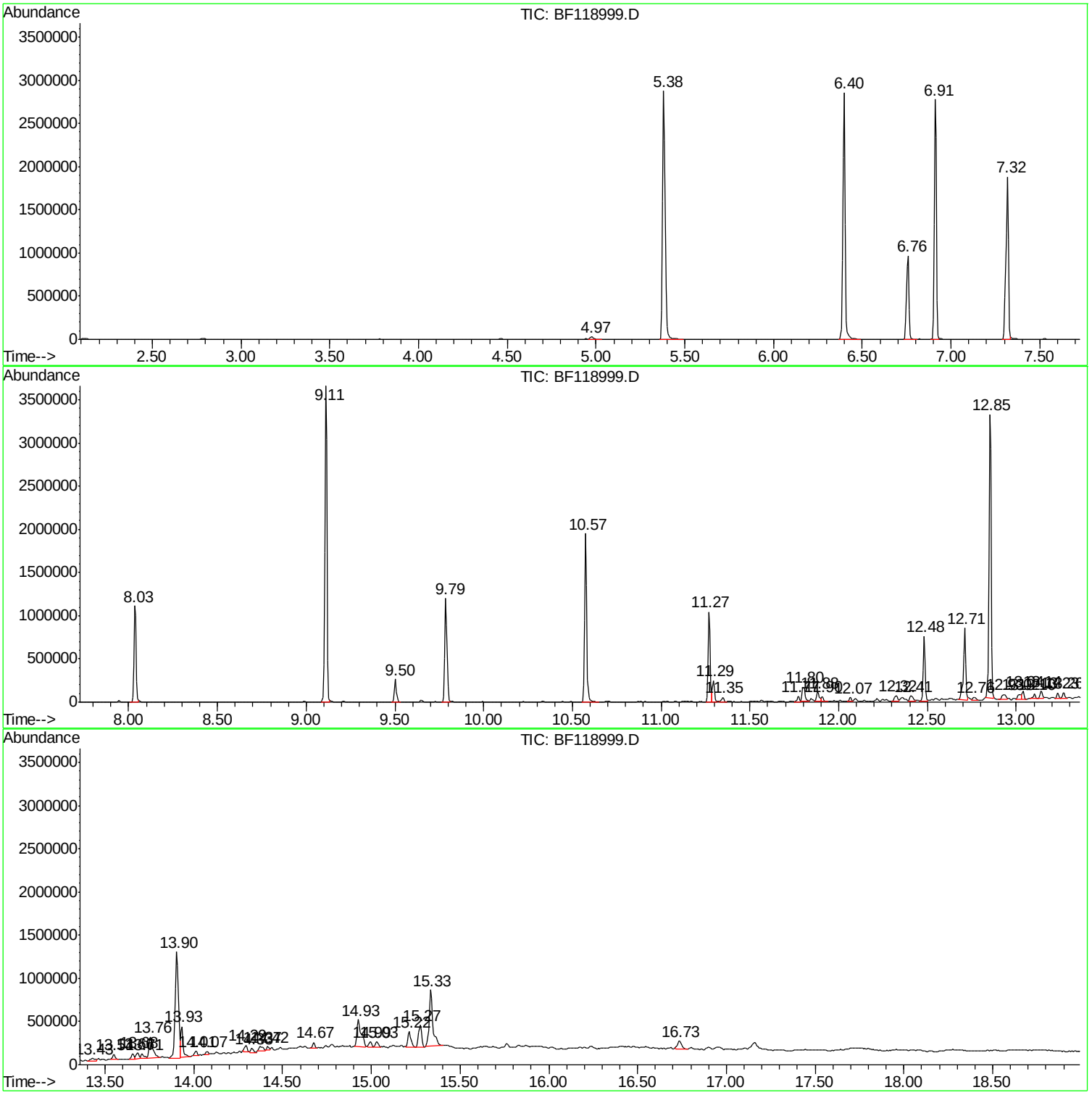
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E156-B4-021820-COMP-0-5

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\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-021820-COMP-0-5

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

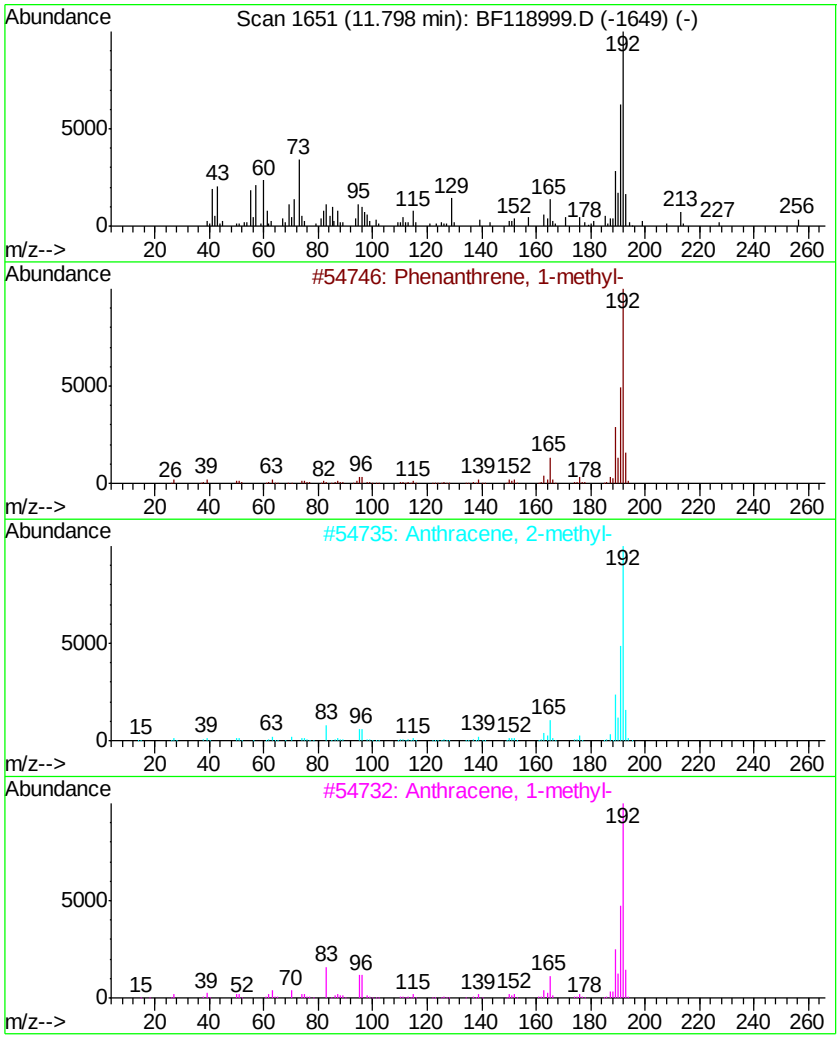
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

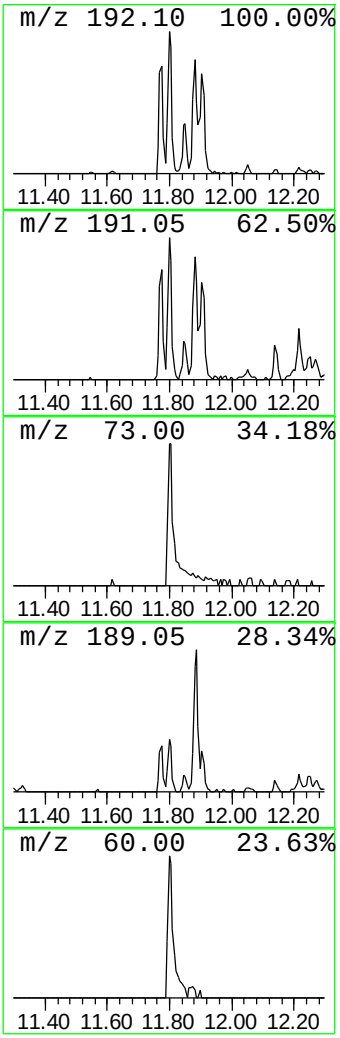
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.31 ng	158479	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-021820-COMP-0-5

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

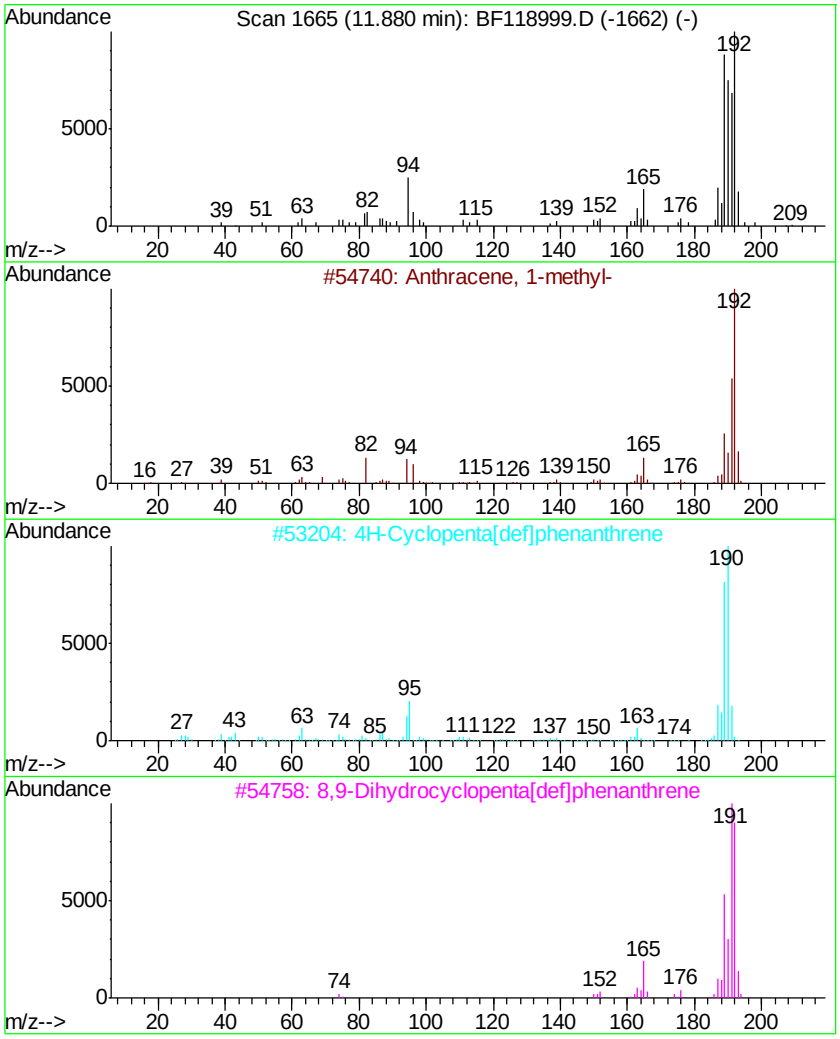
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

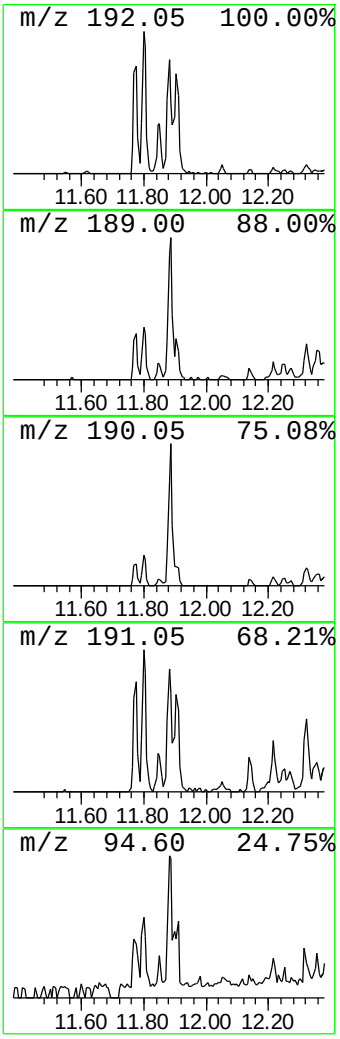
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.72 ng	130311	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	48
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-021820-COMP-0-5

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

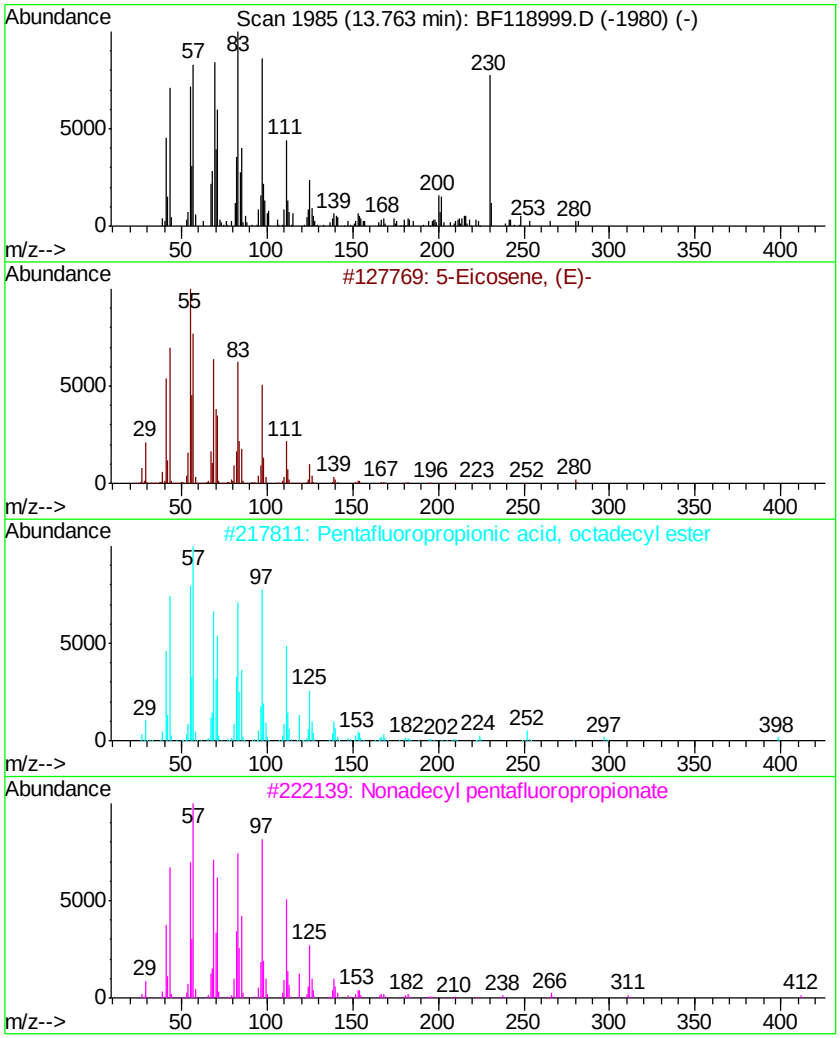
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

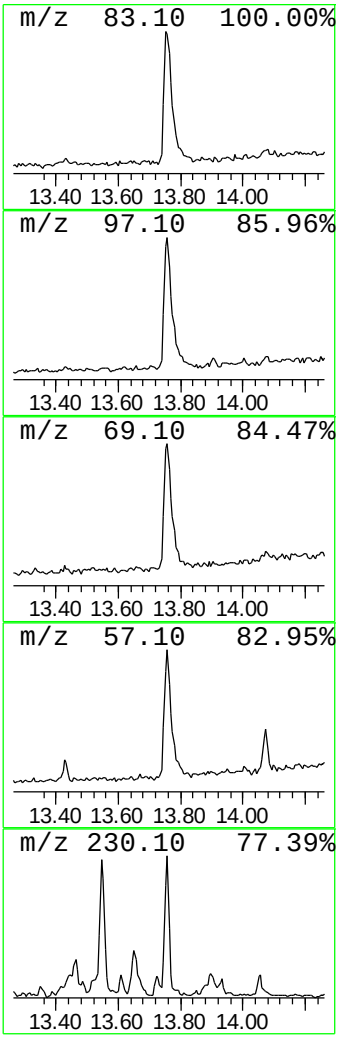
****

Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.83 ng	368660	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	89
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	89
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	84





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-021820-COMP-0-5

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

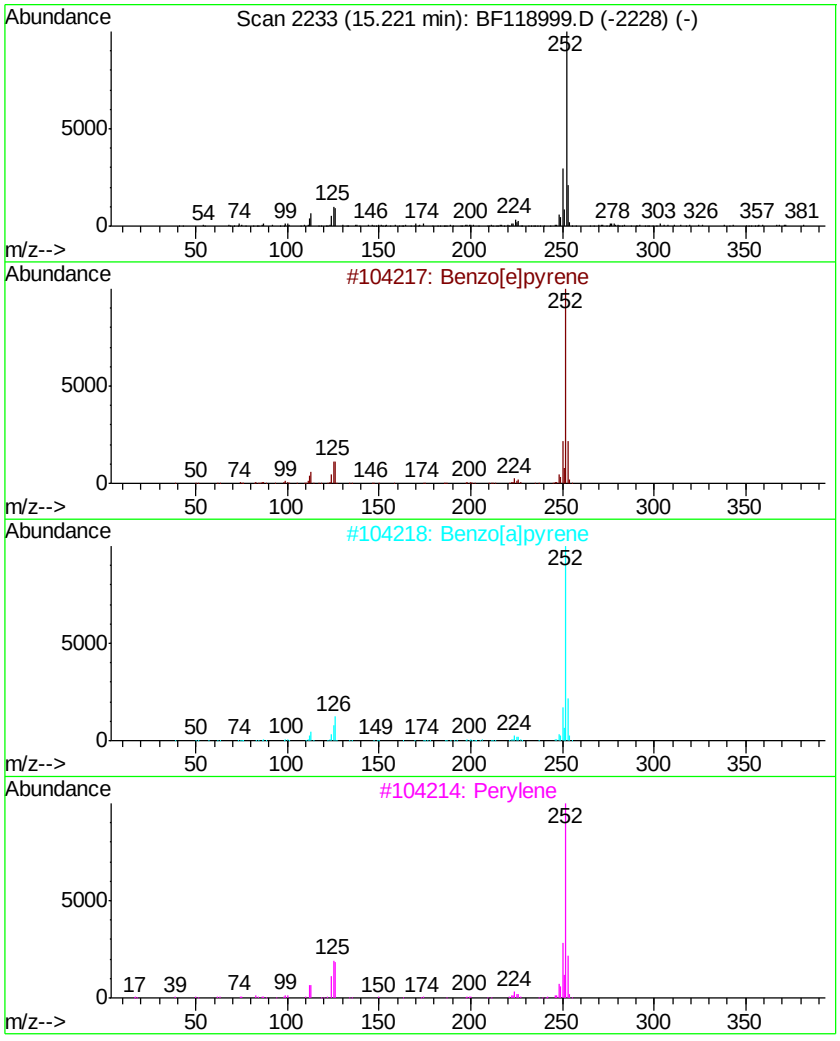
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

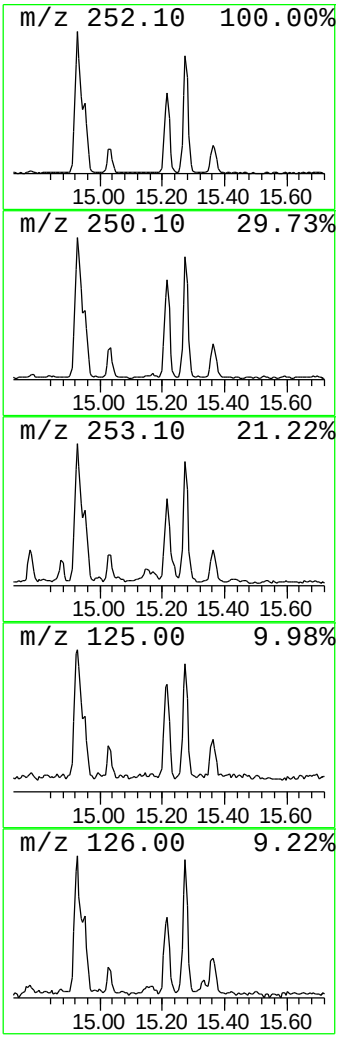
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	4.72 ng	226011	Perylene-d12	15.33

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	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E156-B4-021820-COMP-0-5

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, 1-m...	11.80	3.3	ng	158479	4	11.27	957991	20.0
Anthracene, 1-met...	11.88	2.7	ng	130311	4	11.27	957991	20.0
5-Eicosene, (E)-	13.76	4.8	ng	368660	5	13.90	1525520	20.0
Benzo[e]pyrene	15.22	4.7	ng	226011	6	15.33	956792	20.0