LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF010820.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	5.028	496	500	518	rVB	234670	301726	13.25%	1.184%
2	5.446	567	571	585	rBV	1742482	1594429	70.02%	6.257%
3	6.469	741	745	763	rBV	1850670	1765404	77.53%	6.927%
4	6.598	763	767	771	rBV	2235317	1885195	82.79%	7.398%
5	6.828	803	806	812	rVB	457090	406893	17.87%	1.597%
6	6.981	828	832	841	rBV	1659320	1441431	63.30%	5.656%
7	7.392	898	902	905	rBV	1099717	1020129	44.80%	4.003%
8	8.116	1022	1025	1027	rBV	577648	518326	22.76%	2.034%
9	8.134	1027	1028	1032	rVB	115594	78306	3.44%	0.307%
10	8.528	1092	1095	1101	rBV	43659	46811	2.06%	0.184%
11	8.828	1144	1146	1149	rBV	60696	55444	2.43%	0.218%
12	8.928	1160	1163	1167	rBV	59095	51772	2.27%	0.203%
13	9.192	1204	1208	1211	rBV	2945258	2276994	100.00%	8.935%
14	9.269	1218	1221	1223	rBV	41107	36560	1.61%	0.143%
15	9.463	1250	1254	1258	rBV	22606	28078	1.23%	0.110%
16	9.534	1262	1266	1268	rBV	56253	55041	2.42%	0.216%
17	9.586	1272	1275	1278	rVB	167065	134220	5.89%	0.527%
18	9.875	1317	1324	1327	rBV	780046	634091	27.85%	2.488%
19	9.904	1327	1329	1333	rVB	151578	136497	5.99%	0.536%
20	10.033	1346	1351	1356	rBV5	17319	33086	1.45%	0.130%
21	10.081	1356	1359	1363	rVV2	110459	98840	4.34%	0.388%
22	10.116	1363	1365	1370	rVB4	32049	33917	1.49%	0.133%
23	10.192	1375	1378	1381	rBV	36509	41855	1.84%	0.164%
24	10.281	1389	1393	1395	rBV2	44114	52713	2.32%	0.207%
25	10.298	1395	1396	1399	rVB	50959	36138	1.59%	0.142%
26	10.428	1412	1418	1423	rBV2	127962	142469	6.26%	0.559%
27	10.516	1430	1433	1435	rBV4	25207	29111	1.28%	0.114%
28	10.581	1439	1444	1447	rBV2	33959	36506	1.60%	0.143%
29	10.669	1456	1459	1463	rBV	1656257	1535099	67.42%	6.024%
30	10.786	1475	1479	1486	rVB3	93918	142459	6.26%	0.559%
31	10.975	1505	1511	1514	rBV4	38593	66789	2.93%	0.262%
32	11.104	1528	1533	1535	rBV3	38897	50088	2.20%	0.197%
33	11.222	1550	1553	1556	rBV2	69287	74989	3.29%	0.294%
34	11.269	1556	1561	1568	rVB2	62902	90640	3.98%	0.356%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.369	1575	1578	1580	rBV	759056	639005	28.06%	2.507%
36	11.392	1580	1582	1586	rVV	850743	726347	31.90%	2.850%
37	11.445	1586	1591	1594	rVV	230251	219118	9.62%	0.860%
38	11.486	1594	1598	1603	rVV2	33726	56772	2.49%	0.223%
39	11.533	1603	1606	1609	rVV4	25102	34039	1.49%	0.134%
40	11.604	1613	1618	1622	rVV2	83566	111026	4.88%	0.436%
41	11.651	1624	1626	1629	rVB2	49872	45106	1.98%	0.177%
42	11.875	1660	1664	1665	rBV	88917	78079	3.43%	0.306%
43	11.898	1665	1668	1672	rVV2	211992	257968	11.33%	1.012%
44	11.951	1674	1677	1680	rVV	56194	68792	3.02%	0.270%
45	11.986	1680	1683	1685	rVV2	163946	175737	7.72%	0.690%
46	12.010	1685	1687	1692	rVB	78736	70547	3.10%	0.277%
47	12.063	1692	1696	1698	rBV2	63605	57924	2.54%	0.227%
48	12.169	1711	1714	1718	rBV	85412	82454	3.62%	0.324%
49	12.210	1718	1721	1724	rVB3	27921	29424	1.29%	0.115%
50	12.322	1734	1740	1742	rBV2	37837	54555	2.40%	0.214%
51	12.374	1747	1749	1752	rVV	37922	33650	1.48%	0.132%
52	12.427	1754	1758	1760	rVV	100739	102700	4.51%	0.403%
53	12.451	1760	1762	1766	rVV4	72820	94863	4.17%	0.372%
54	12.516	1770	1773	1777	rVB3	43198	62883	2.76%	0.247%
55	12.592	1782	1786	1789	rBV	782135	656259	28.82%	2.575%
56	12.804	1819	1822	1823	rBV2	116152	122061	5.36%	0.479%
57	12.822	1823	1825	1828	rVV	611019	490987	21.56%	1.927%
58	12.874	1831	1834	1837	rVB2	63027	66540	2.92%	0.261%
59	12.963	1841	1849	1852	rBV	2090604	1925208	84.55%	7.555%
60	12.986	1852	1853	1857	rVB	38274	29605	1.30%	0.116%
61	13.039	1858	1862	1870	rBV5	44318	86968	3.82%	0.341%
62	13.133	1874	1878	1879	rBV4	45791	58494	2.57%	0.230%
63	13.151	1879	1881	1884	rVV	95950	80365	3.53%	0.315%
64	13.180	1884	1886	1890	rVB4	49981	40560	1.78%	0.159%
65	13.216	1890	1892	1895	rBV	61105	58229	2.56%	0.228%
66	13.257	1895	1899	1901	rVB2	40316	46668	2.05%	0.183%
67	13.351	1912	1915	1918	rBV	36164	32984	1.45%	0.129%
68	13.380	1918	1920	1923	rBV3	39232	45605	2.00%	0.179%
69	13.527	1942	1945	1947	rBV2	54829	45679	2.01%	0.179%
70	13.580	1951	1954	1960	rVB5	49605	75256	3.31%	0.295%
71	13.639	1960	1964	1966	rBV4	33956	43157	1.90%	0.169%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.669	1966	1969	1972	rBV	57793	55818	2.45%	0.219%
73	13.774	1982	1987	1989	rBV2	61450	76288	3.35%	0.299%
74	13.798	1989	1991	1994	rVB	64615	45850	2.01%	0.180%
75	13.857	1997	2001	2008	rVB3	195730	266383	11.70%	1.045%
76	14.027	2025	2030	2032	rBV2	690844	802534	35.25%	3.149%
77	14.051	2032	2034	2037	rVB	220473	182819	8.03%	0.717%
78	14.133	2046	2048	2051	rVB	65679	49507	2.17%	0.194%
79	14.174	2051	2055	2058	rBV2	92665	101761	4.47%	0.399%
80	14.416	2094	2096	2099	rVB	53839	40845	1.79%	0.160%
81	14.480	2104	2107	2111	rBV3	95330	116538	5.12%	0.457%
82	14.786	2157	2159	2161	rVB	75865	57367	2.52%	0.225%
83	14.921	2179	2182	2185	rBV4	31613	37956	1.67%	0.149%
84	15.080	2205	2209	2212	rBV	207324	269377	11.83%	1.057%
85	15.186	2225	2227	2232	rVB	29952	38310	1.68%	0.150%
86	15.386	2257	2261	2268	rVB	112507	140333	6.16%	0.551%
87	15.451	2268	2272	2277	rBV	161150	195155	8.57%	0.766%
88	15.510	2277	2282	2286	rBV	496980	633837	27.84%	2.487%
89	15.939	2351	2355	2359	rBV2	69044	107281	4.71%	0.421%
90	16.004	2364	2366	2371	rBV6	24248	39958	1.75%	0.157%
91	16.451	2438	2442	2447	rBV2	36440	57280	2.52%	0.225%
92	17.015	2532	2538	2546	rBV2	64482	137880	6.06%	0.541%
93	17.468	2609	2615	2625	rVB2	54868	134167	5.89%	0.526%
94	17.721	2654	2658	2669	rVB2	19117	59279	2.60%	0.233%

Sum of corrected areas: 25484183

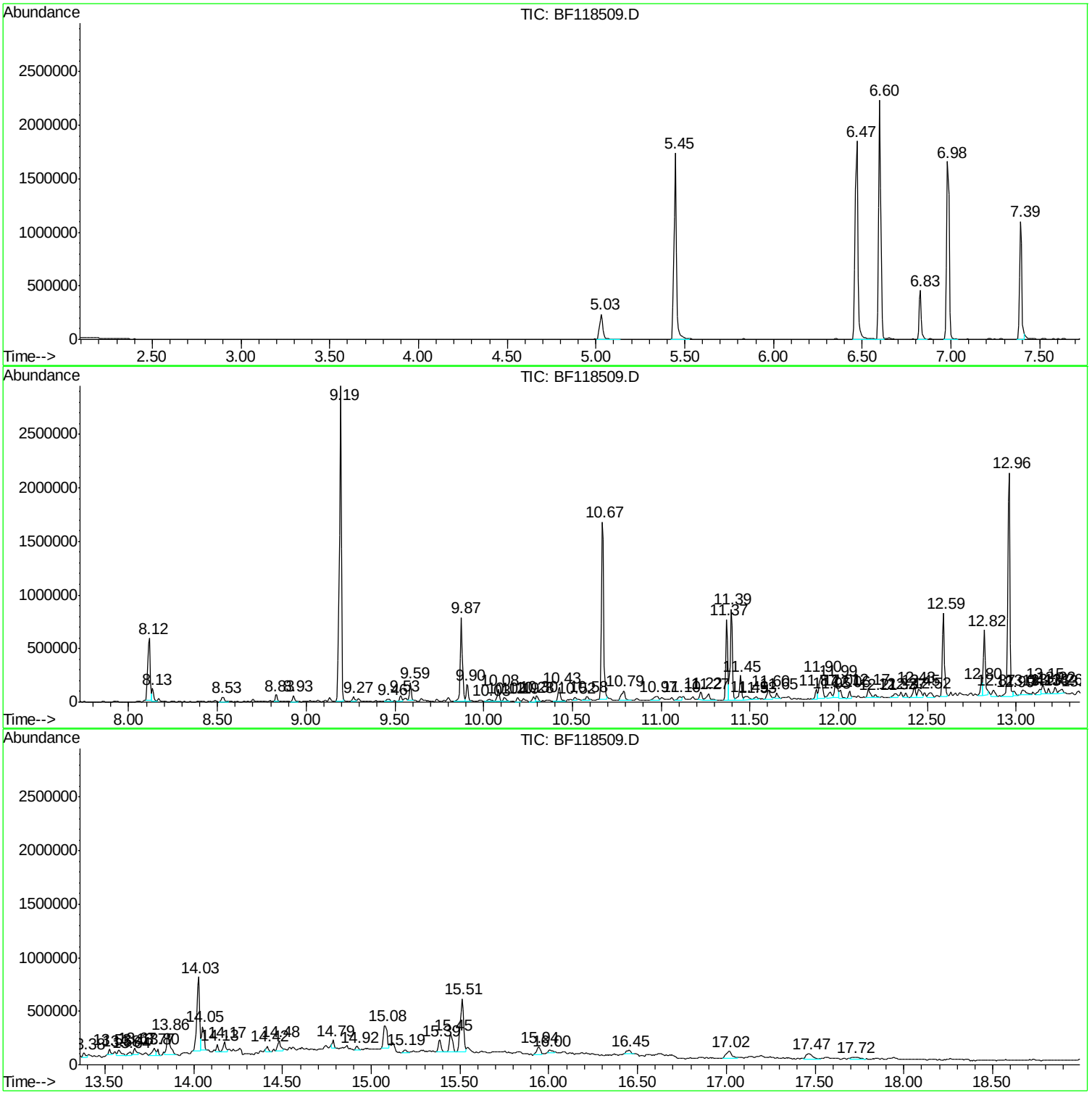
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

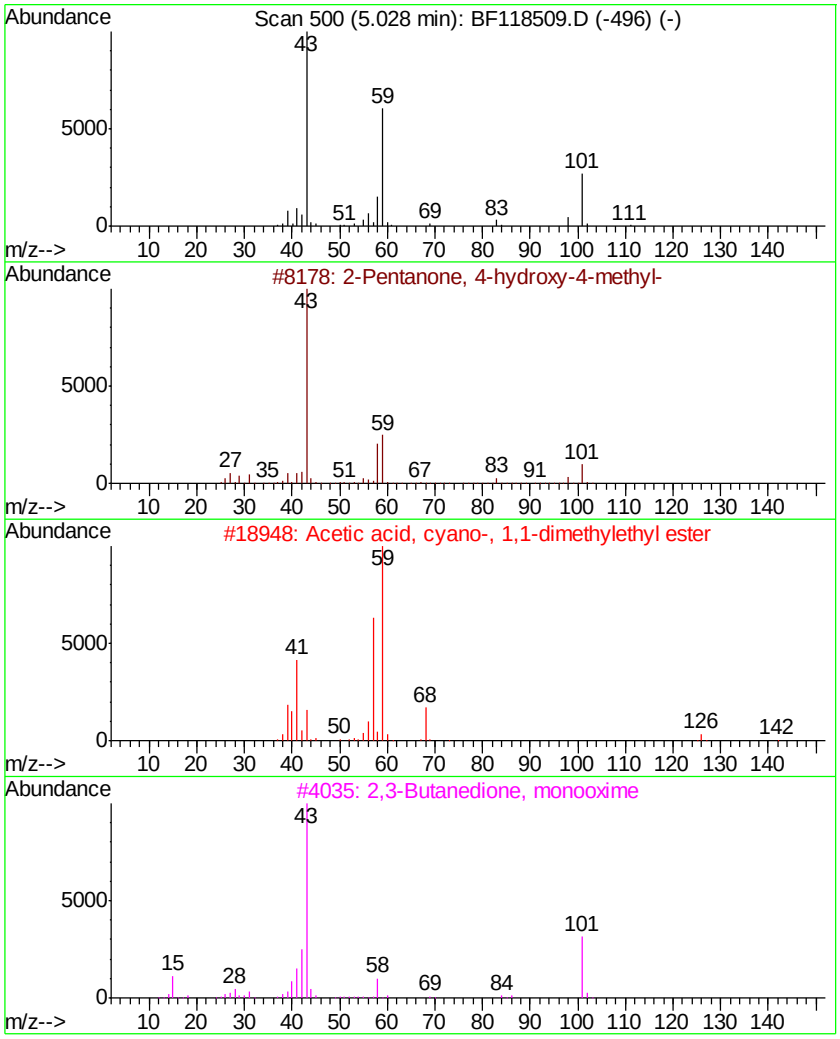
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

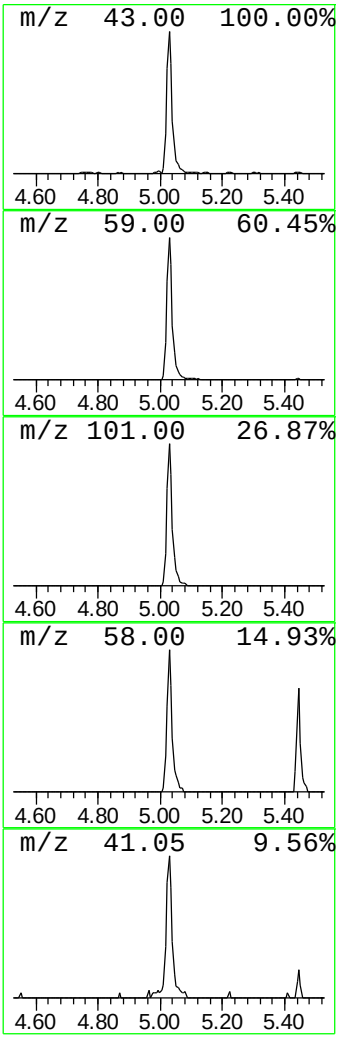
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	14.83 ng	301726	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

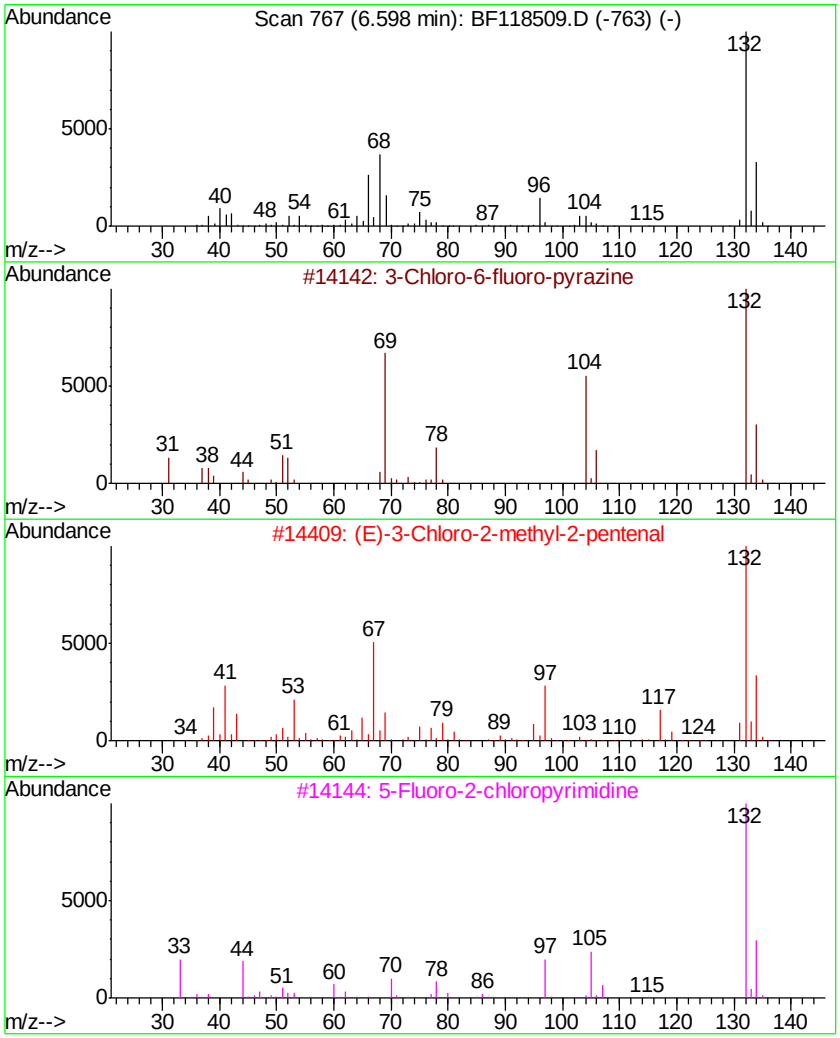
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

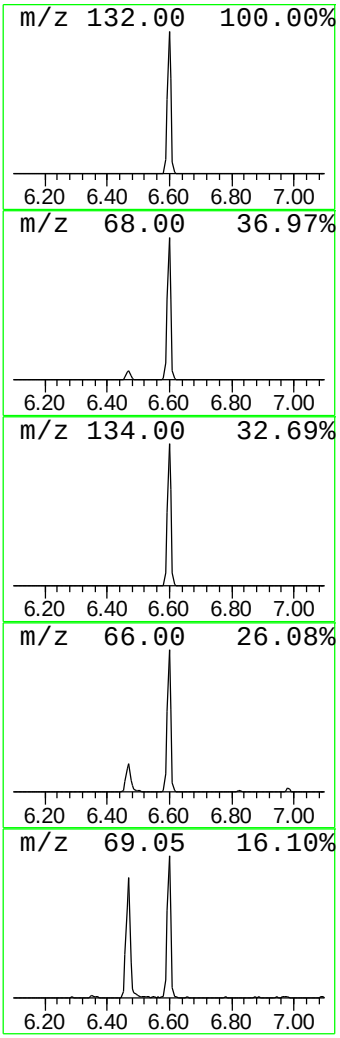
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	92.66 ng	1885200	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

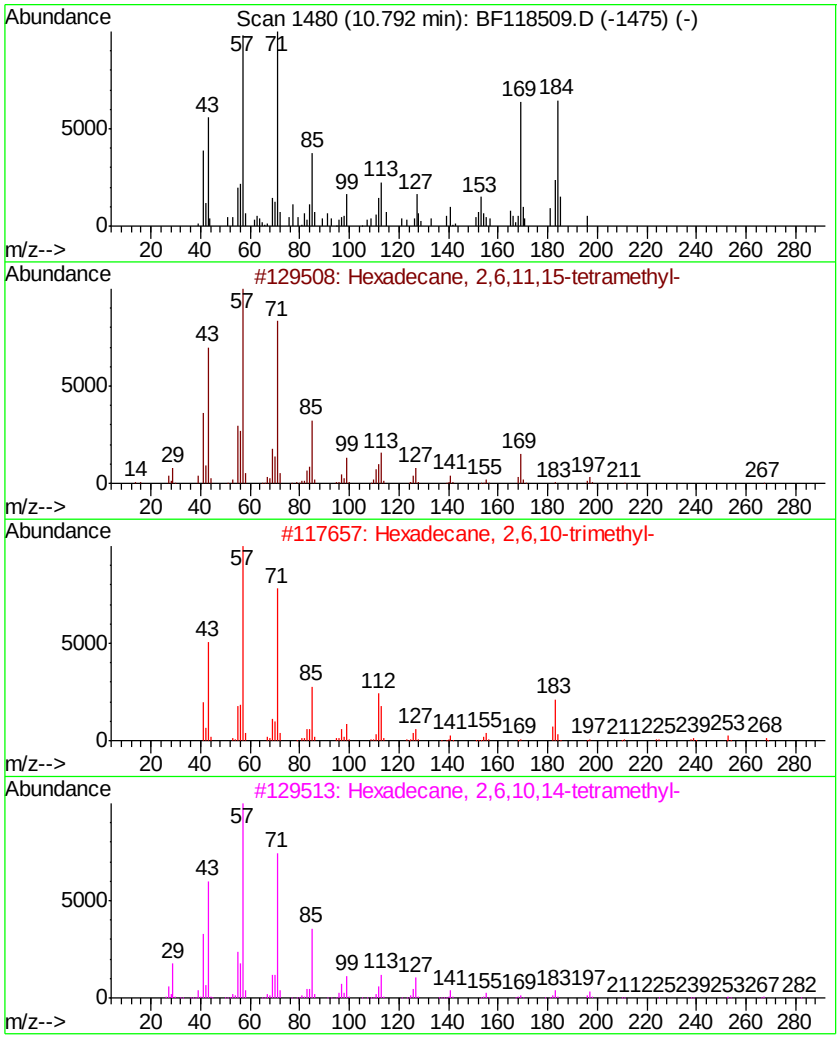
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

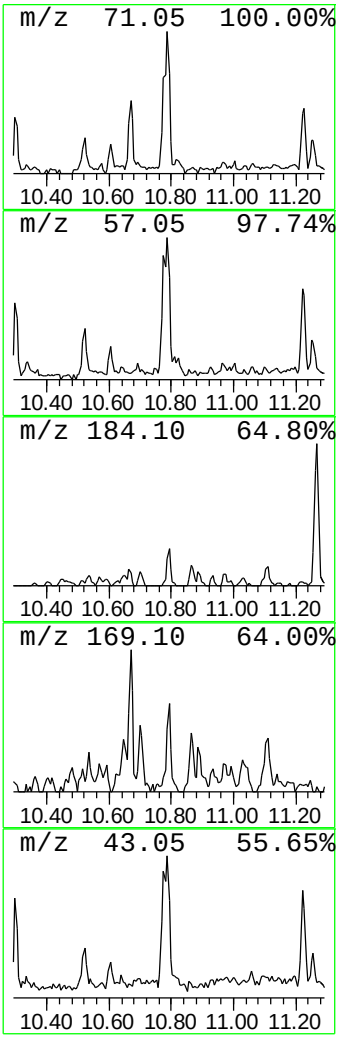
****

Peak Number 4 Hexadecane, 2,6,11,15-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.46 ng	142459	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	70
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	58
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4	Dodecane	170	C12H26	000112-40-3	55
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

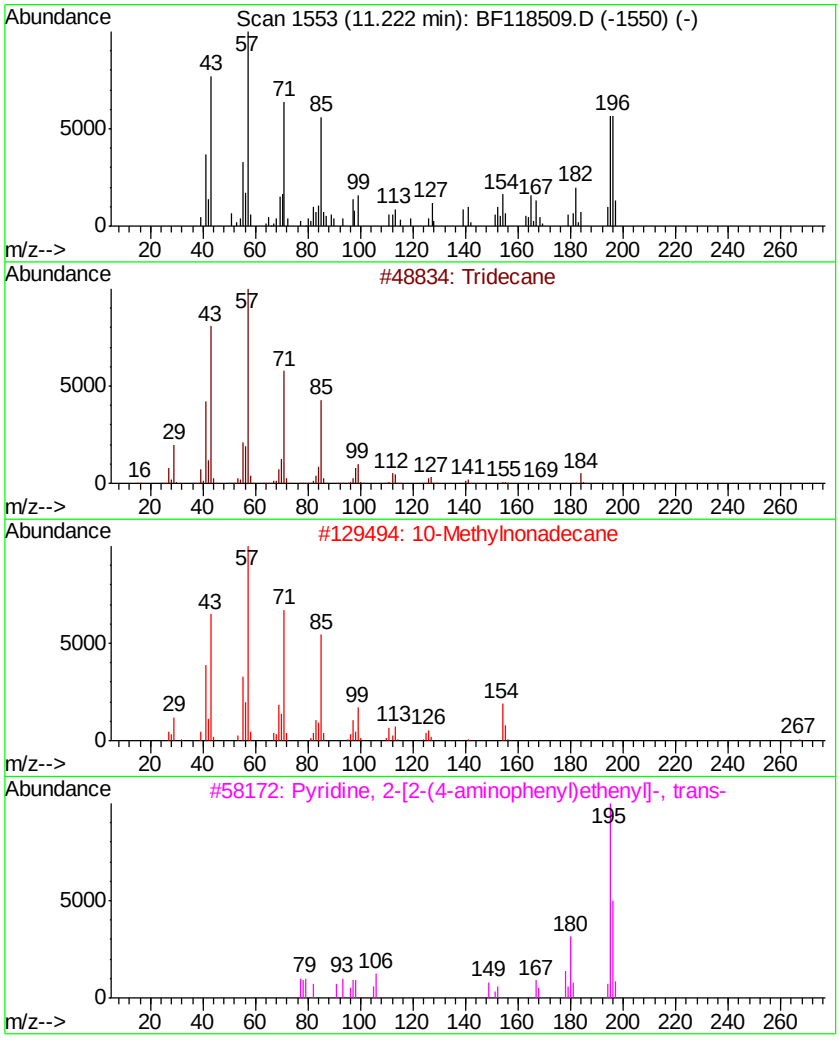
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

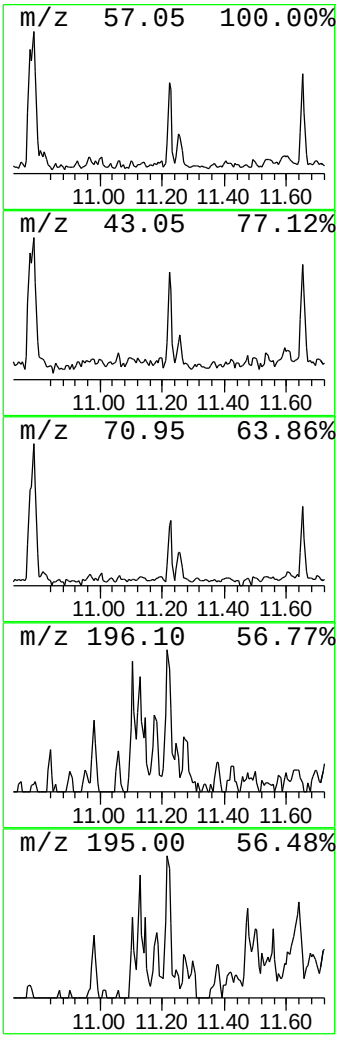
****

Peak Number 5 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.35 ng	74989	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	78
2	10-Methylnonadecane	282	C20H42	056862-62-5	38
3	Pyridine, 2-[2-(4-aminophenyl)et...	196	C13H12N2	001694-46-8	30
4	Nonadecane	268	C19H40	000629-92-5	30
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

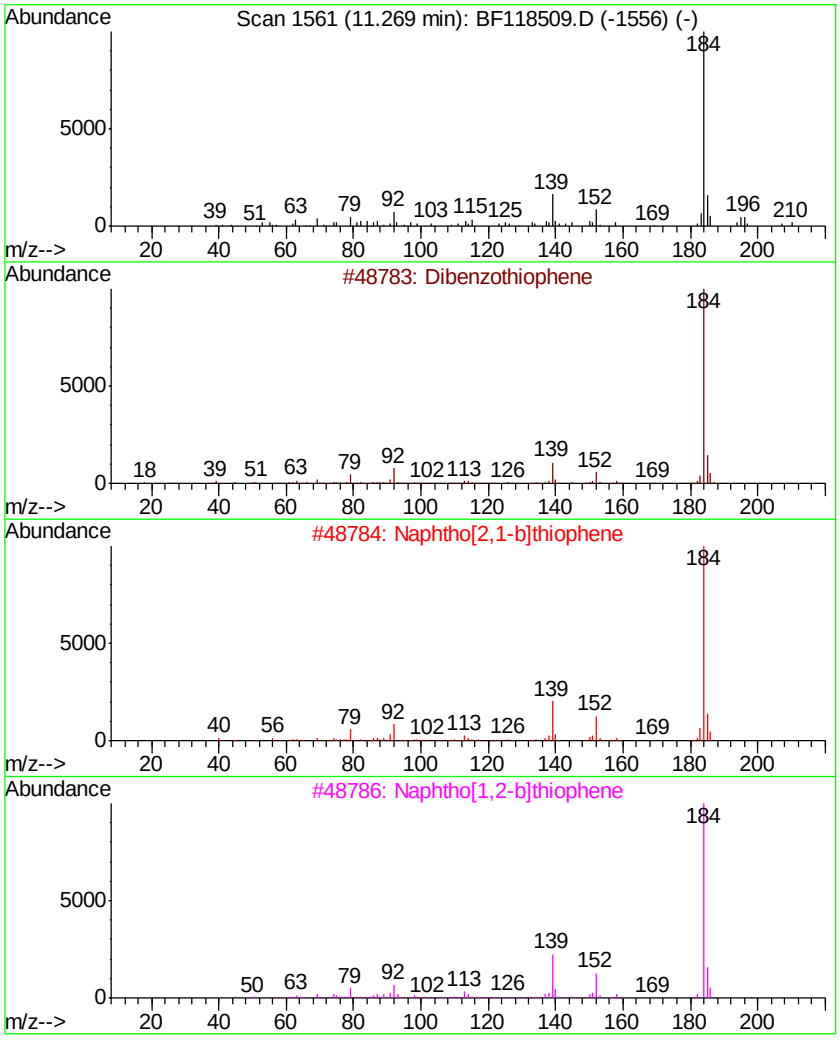
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

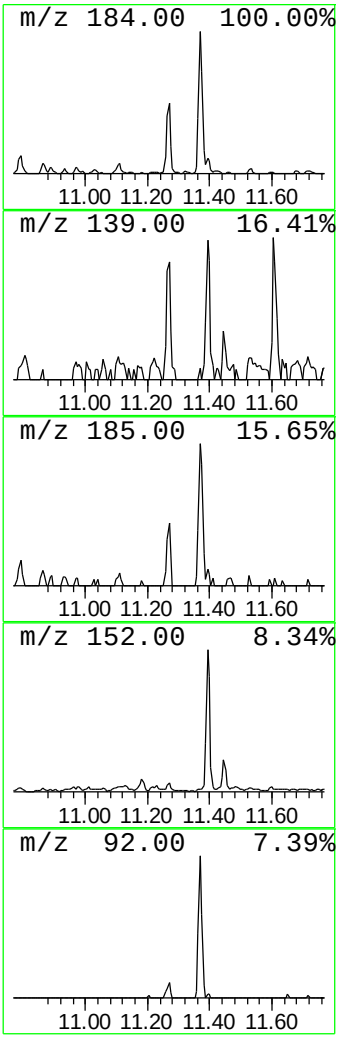
****

Peak Number 6 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.84 ng	90640	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

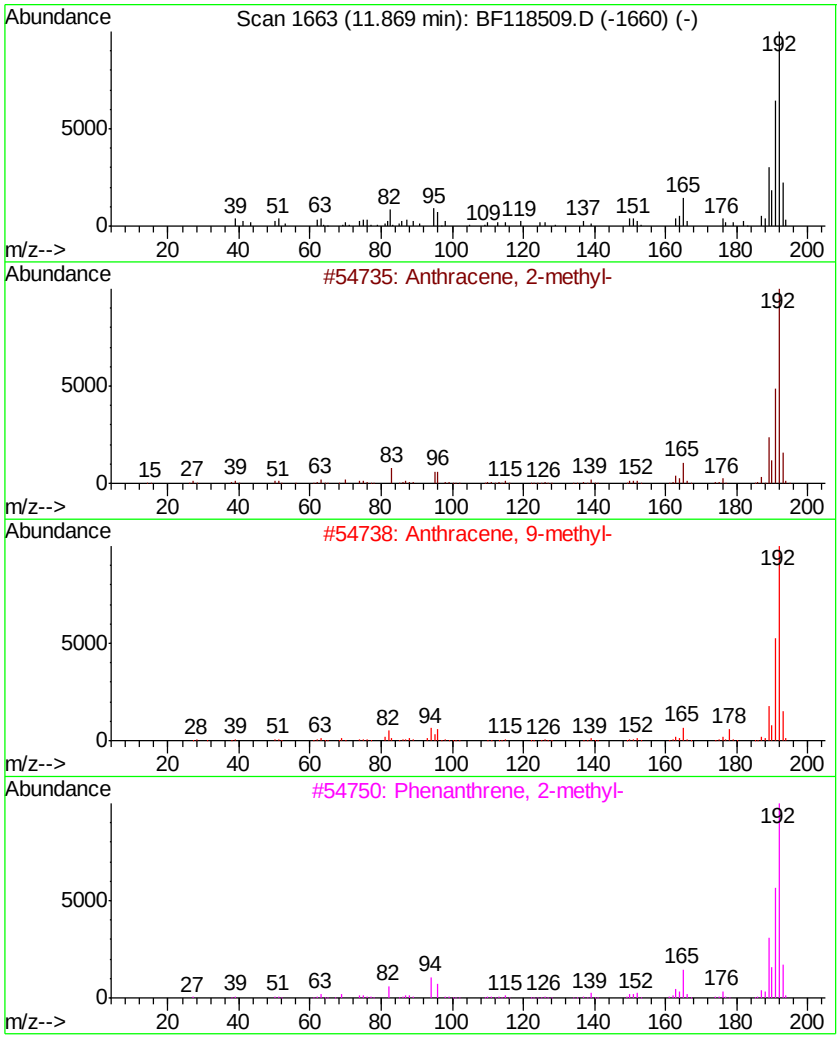
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

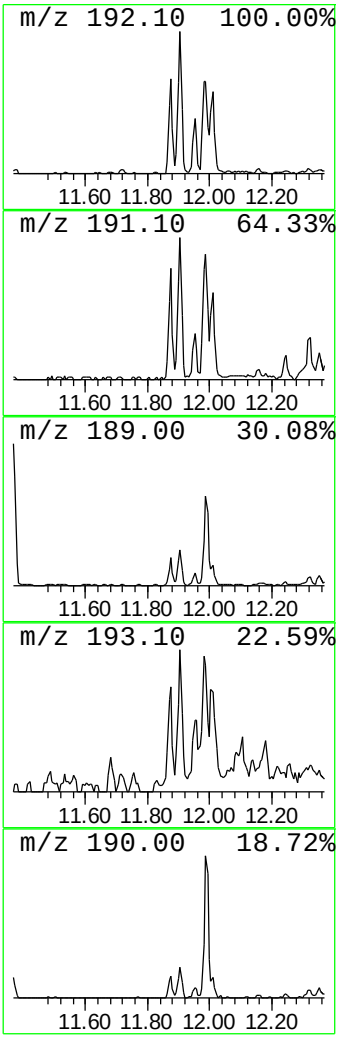
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.44 ng	78079	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

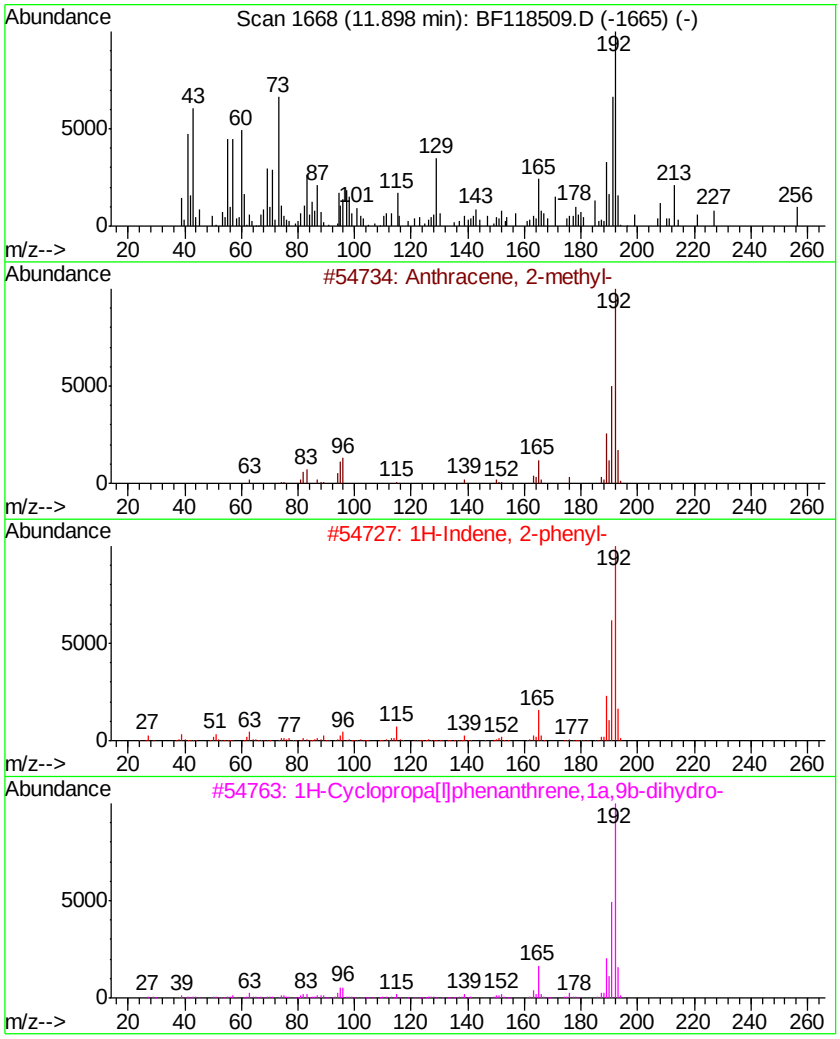
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

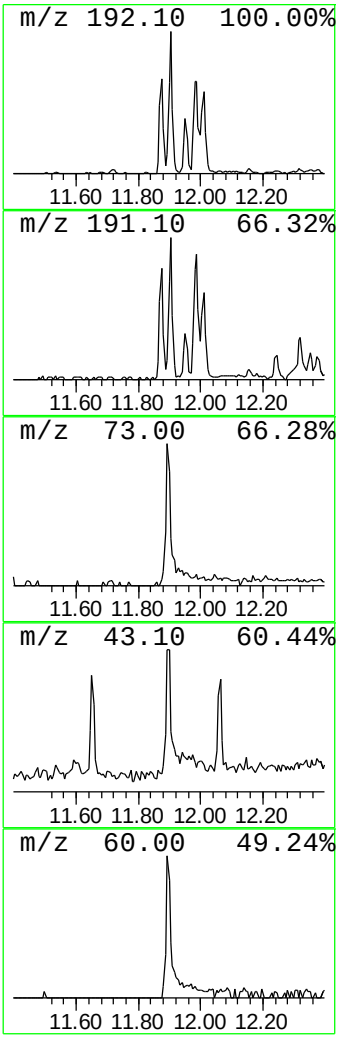
****

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	8.07 ng	257968	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

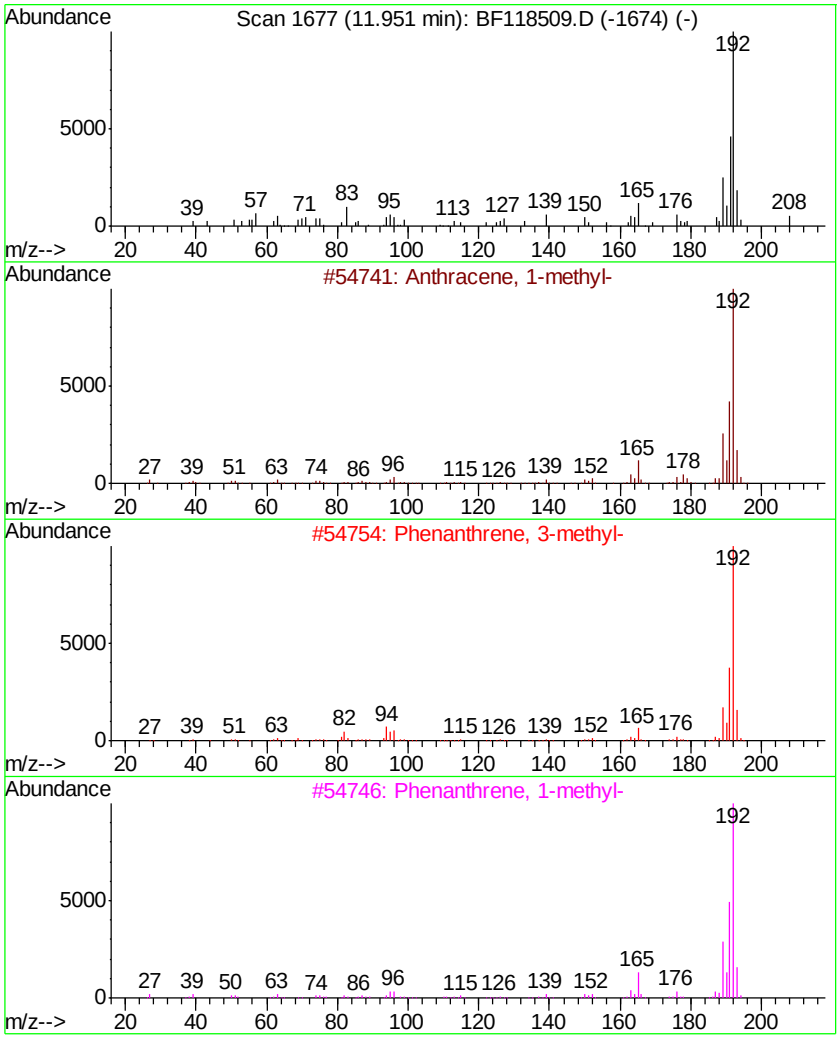
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

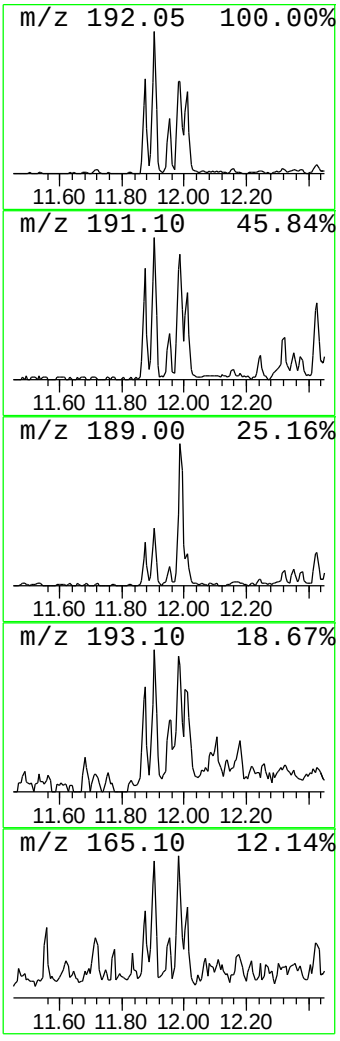
****

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.15 ng	68792	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

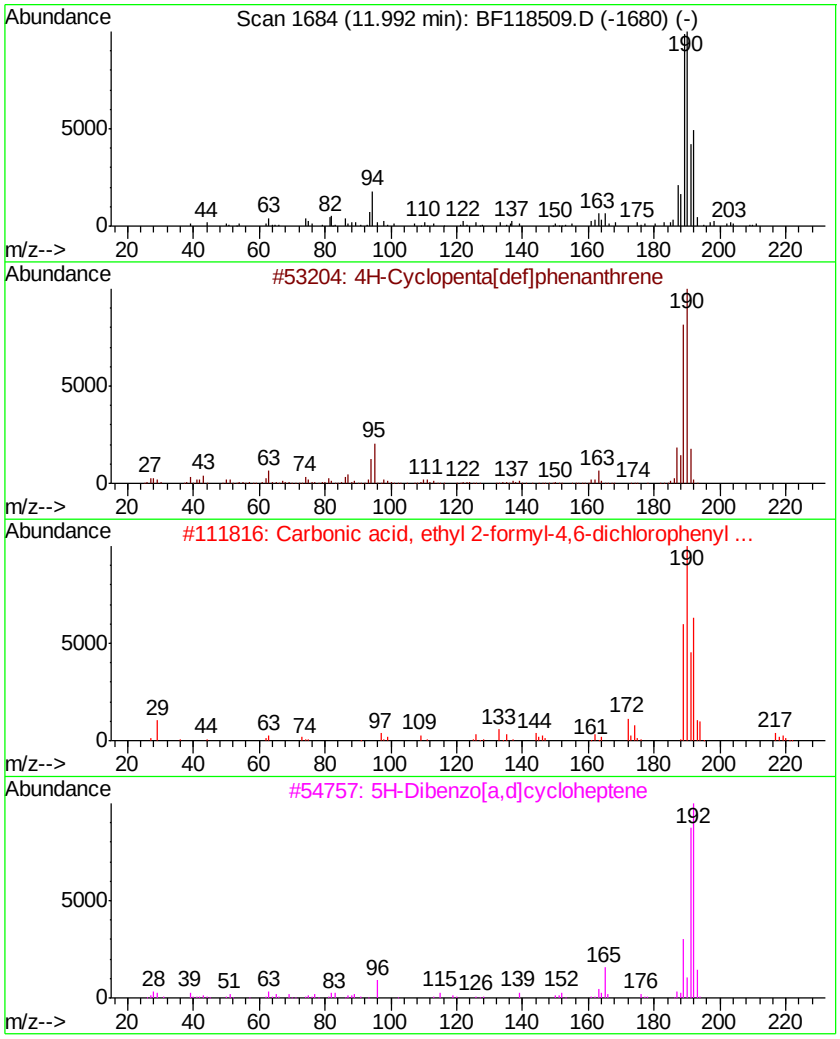
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

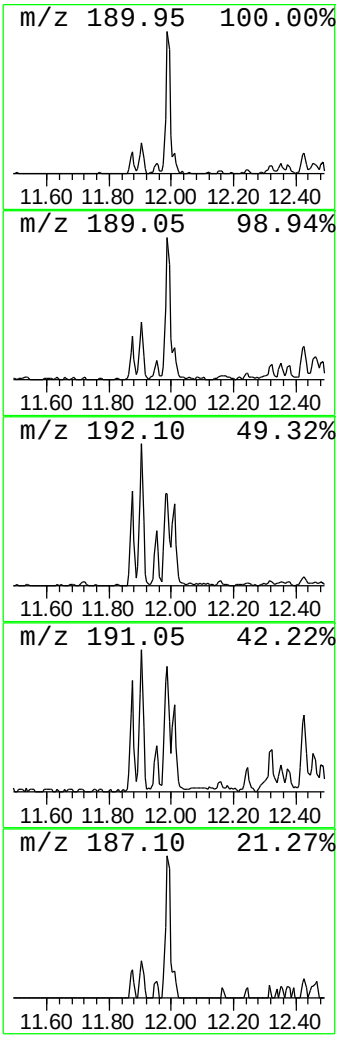
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.50 ng	175737	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

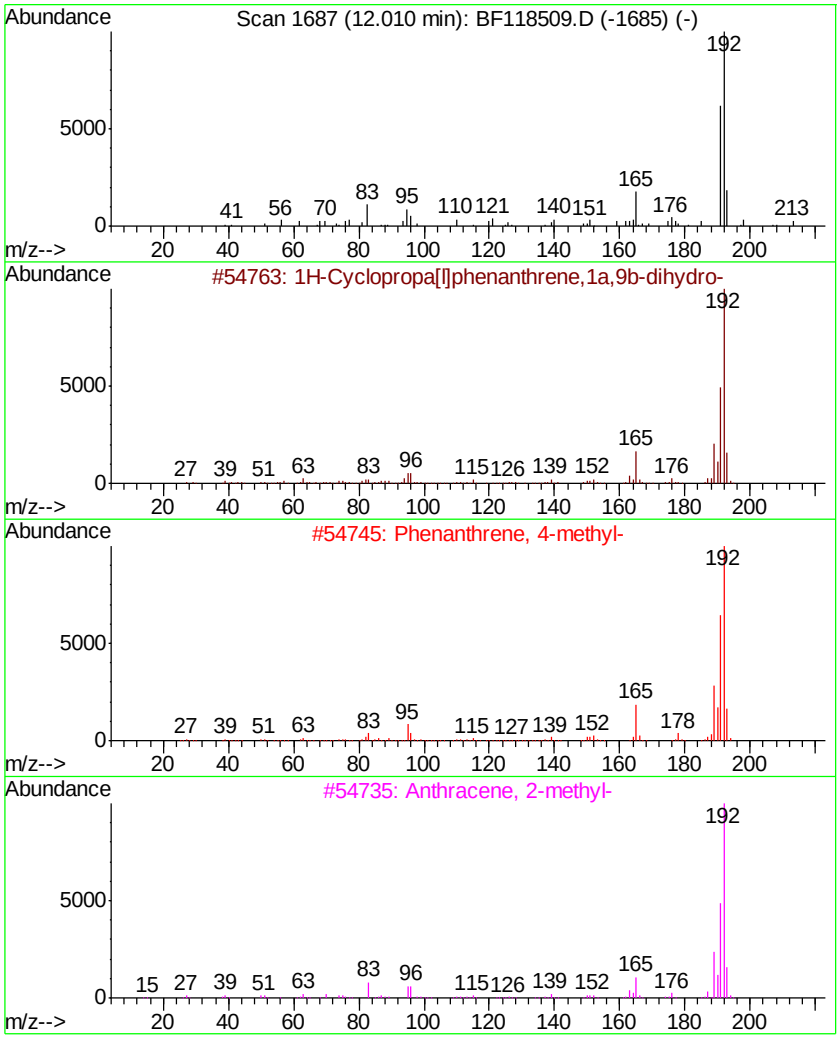
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

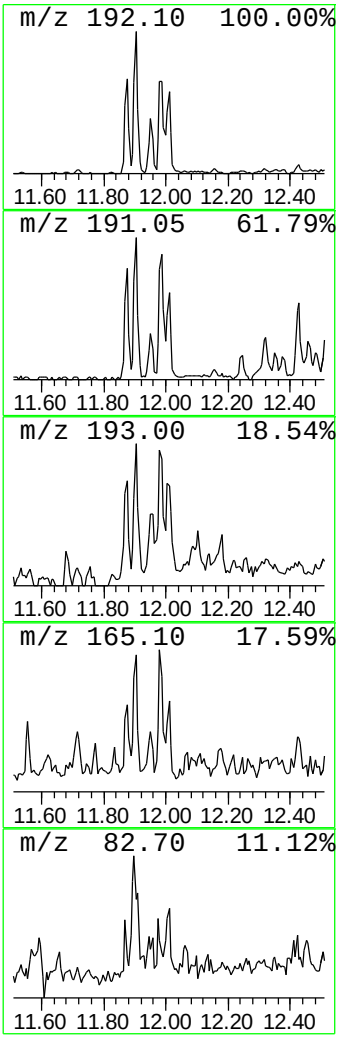
****

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.21 ng	70547	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

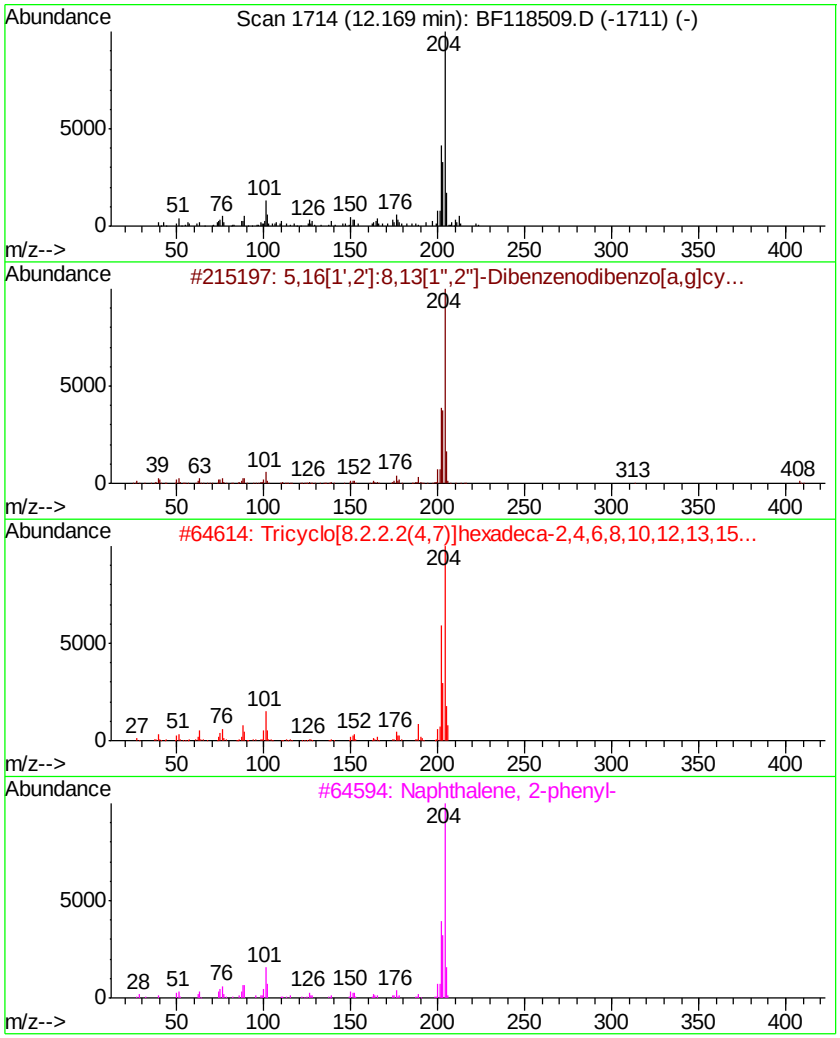
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

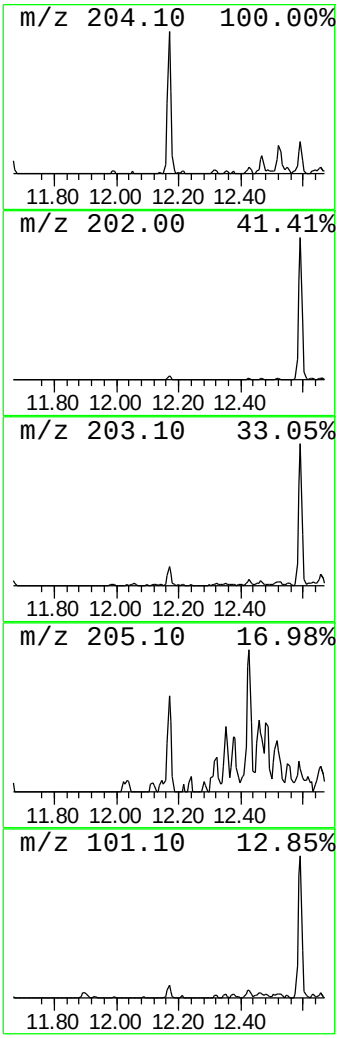
****

Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.58 ng	82454	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

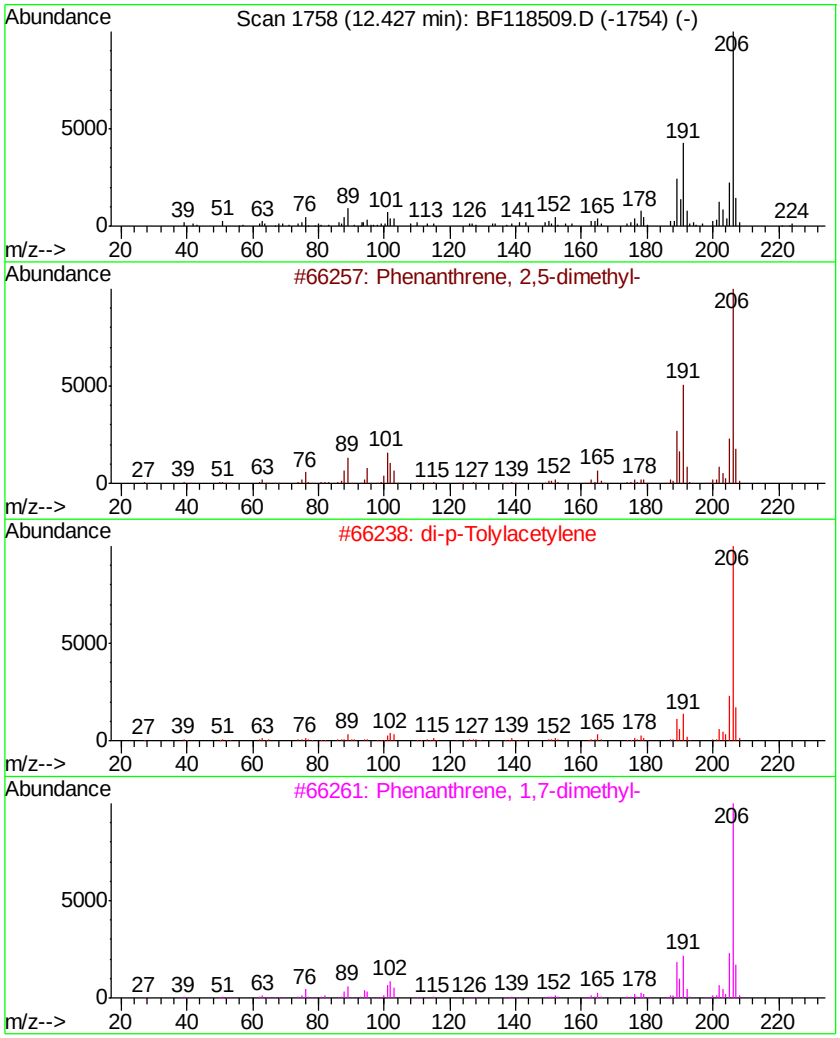
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

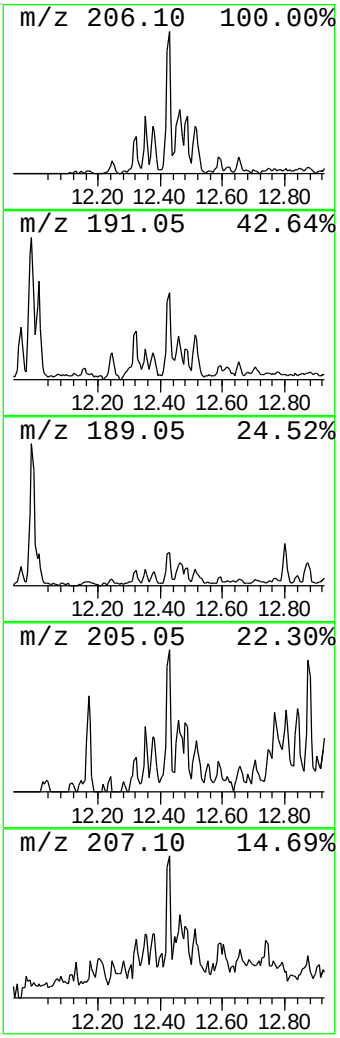
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.21 ng	102700	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

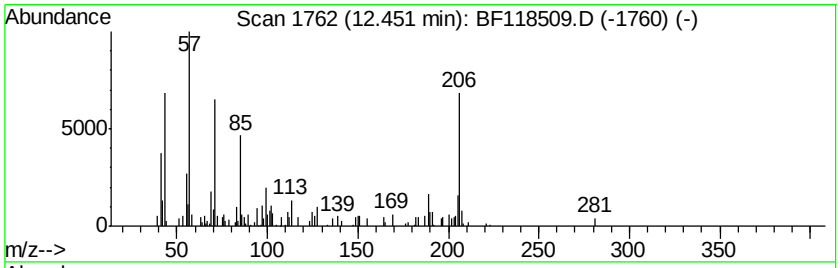
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

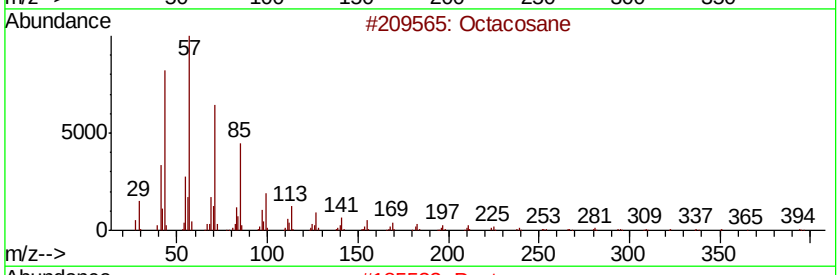
****

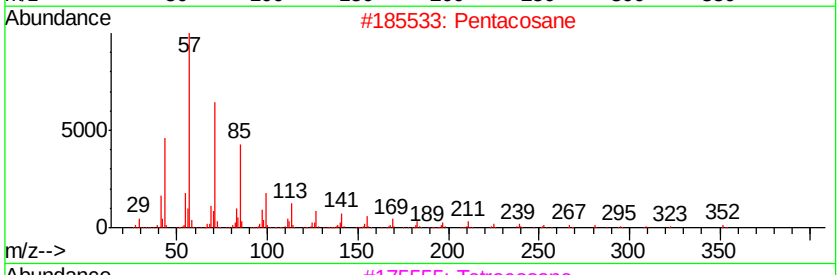
Peak Number 14 Octacosane Concentration Rank 11

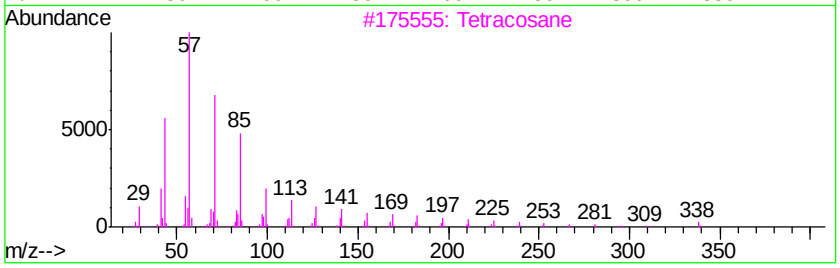
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.97 ng	94863	Phenanthrene-d10	11.37

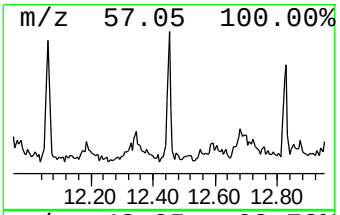
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	58
2	Pentacosane	352	C25H52	000629-99-2	52
3	Tetracosane	338	C24H50	000646-31-1	52
4	Hexacosane	366	C26H54	000630-01-3	52
5	Hentriacontane	437	C31H64	000630-04-6	52

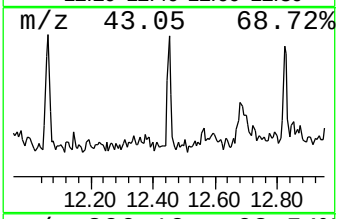


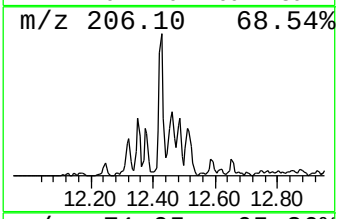


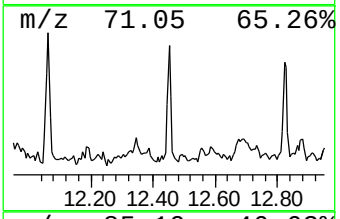


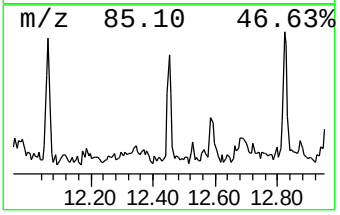












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

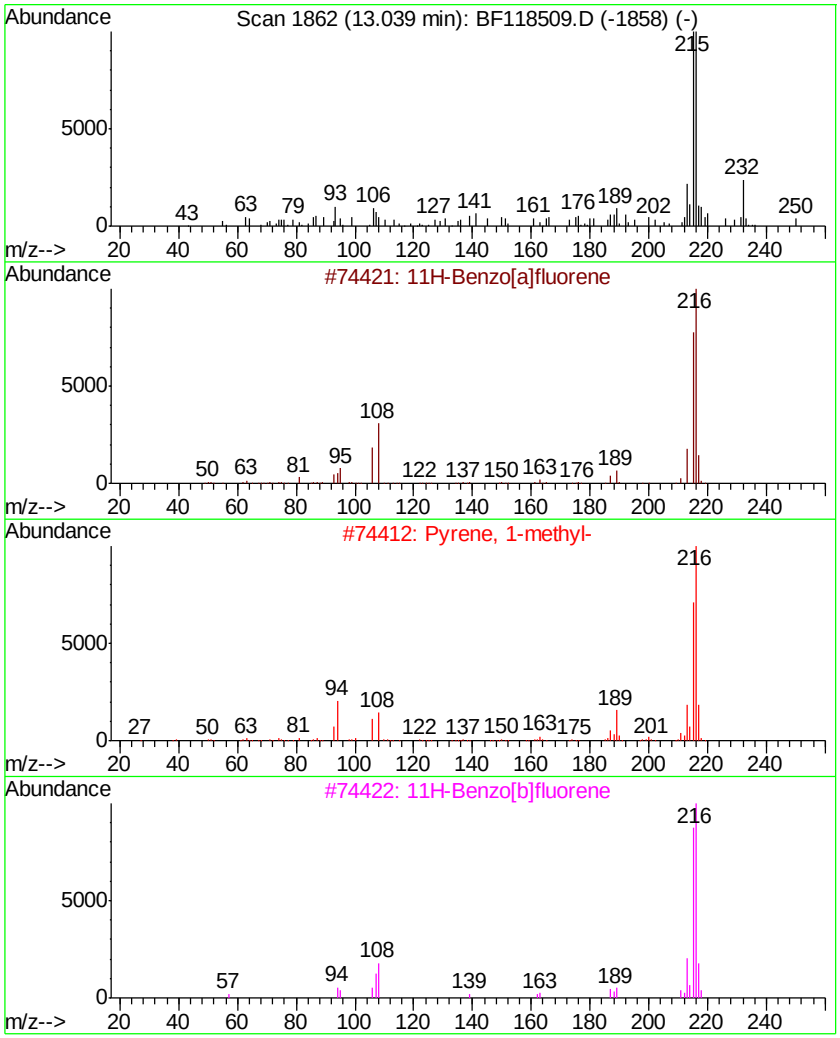
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

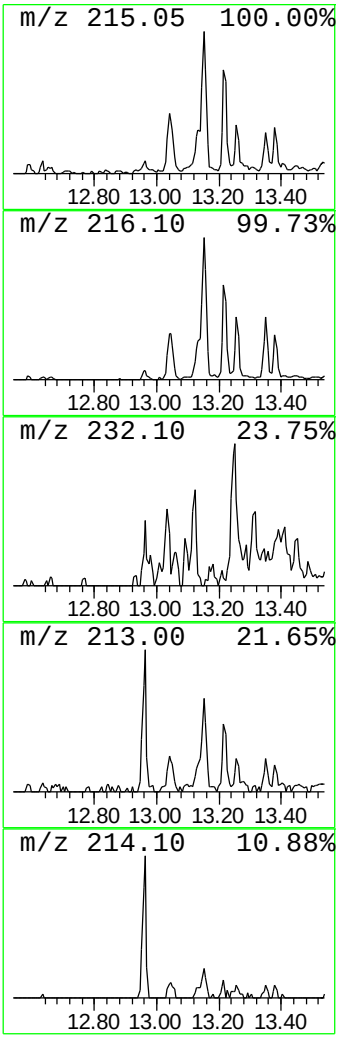
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.17 ng	86968	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

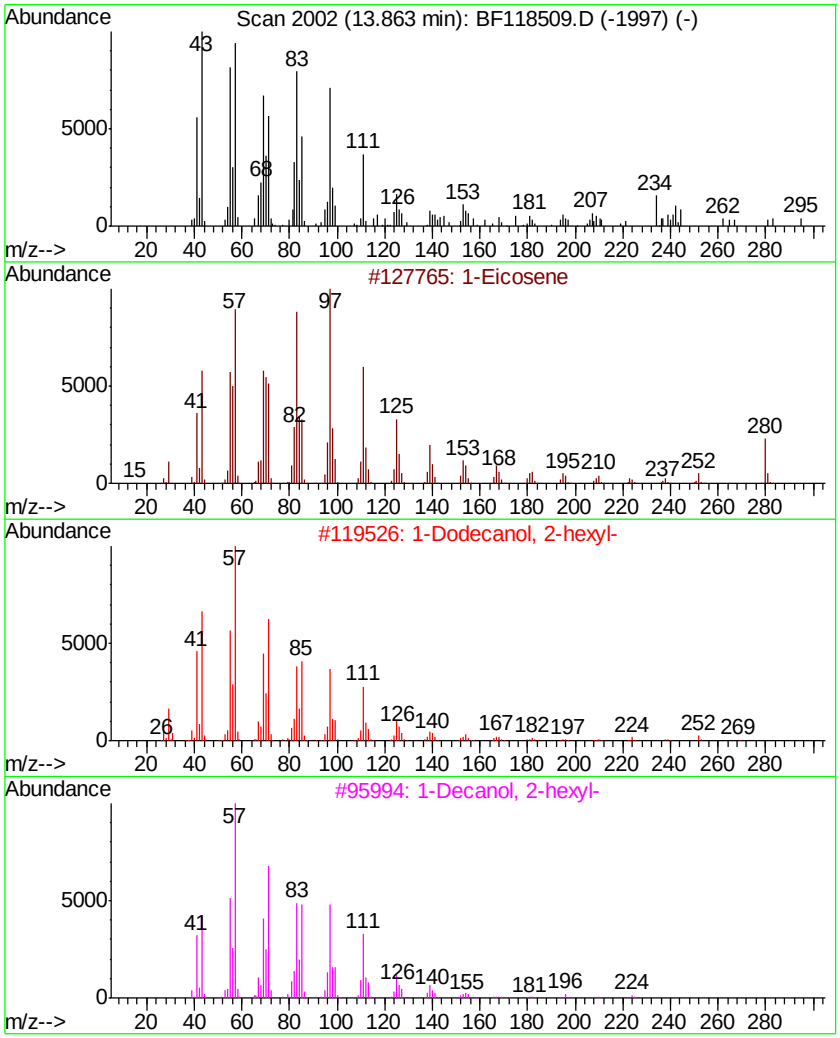
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

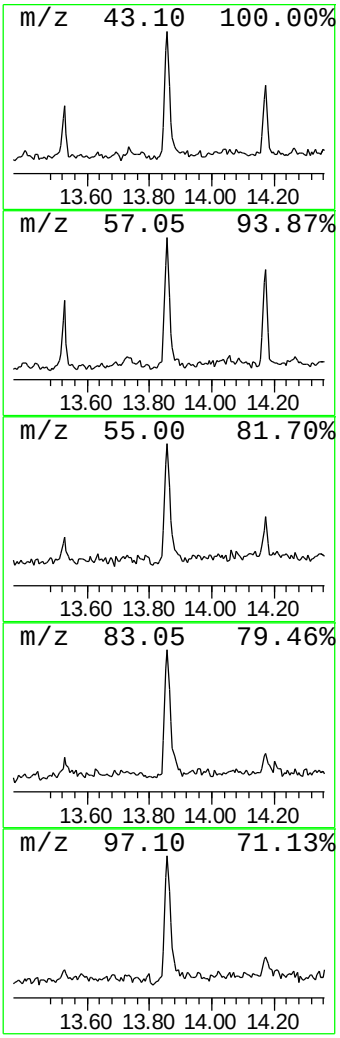
****

Peak Number 16 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.64 ng	266383	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	92
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	78
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

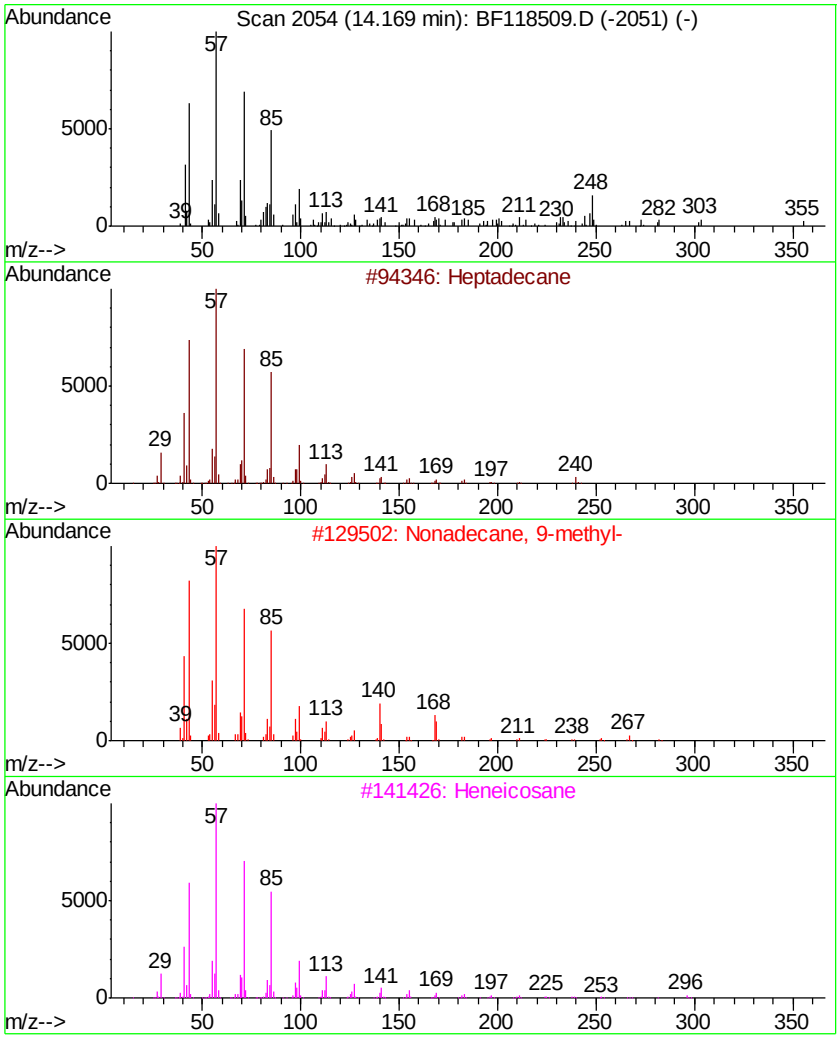
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

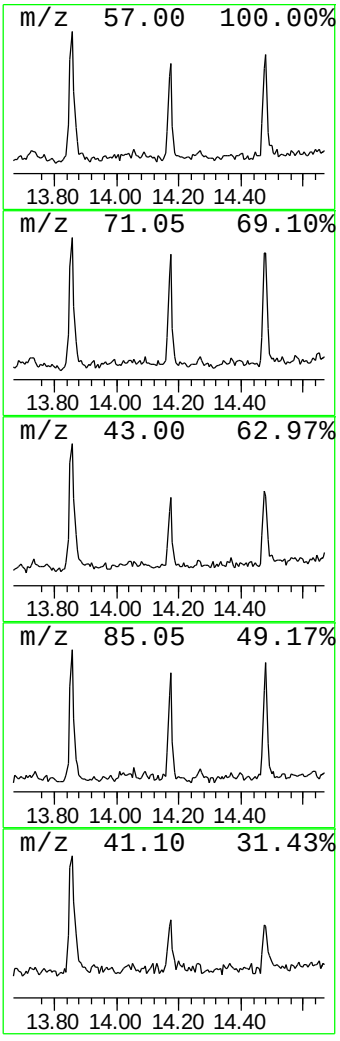
****

Peak Number 17 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.54 ng	101761	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	10-Methylnonadecane	282	C20H42	056862-62-5	83
5	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

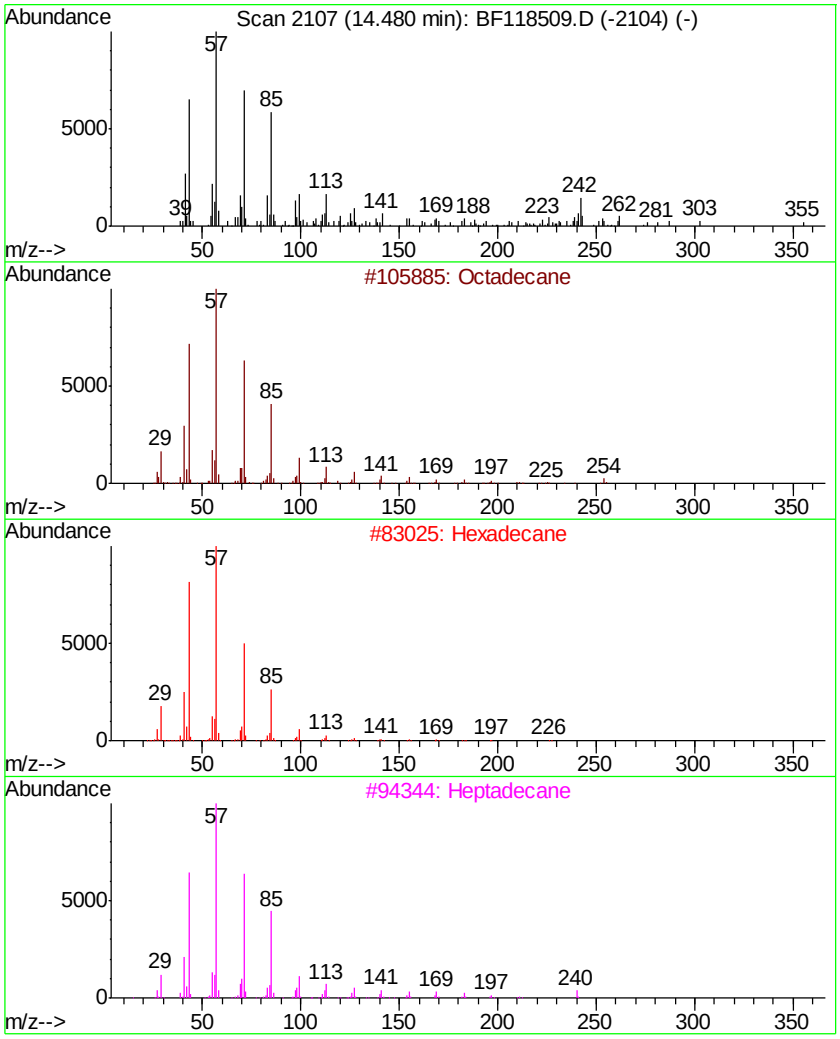
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

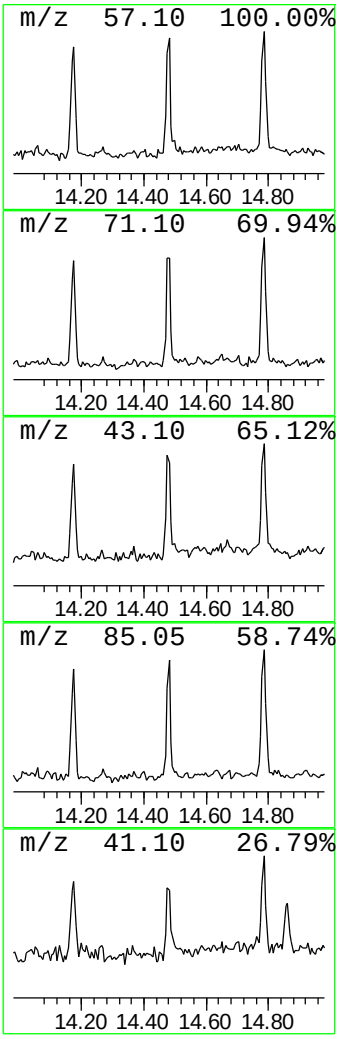
****

Peak Number 18 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.90 ng	116538	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Hexacosane	366	C26H54	000630-01-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

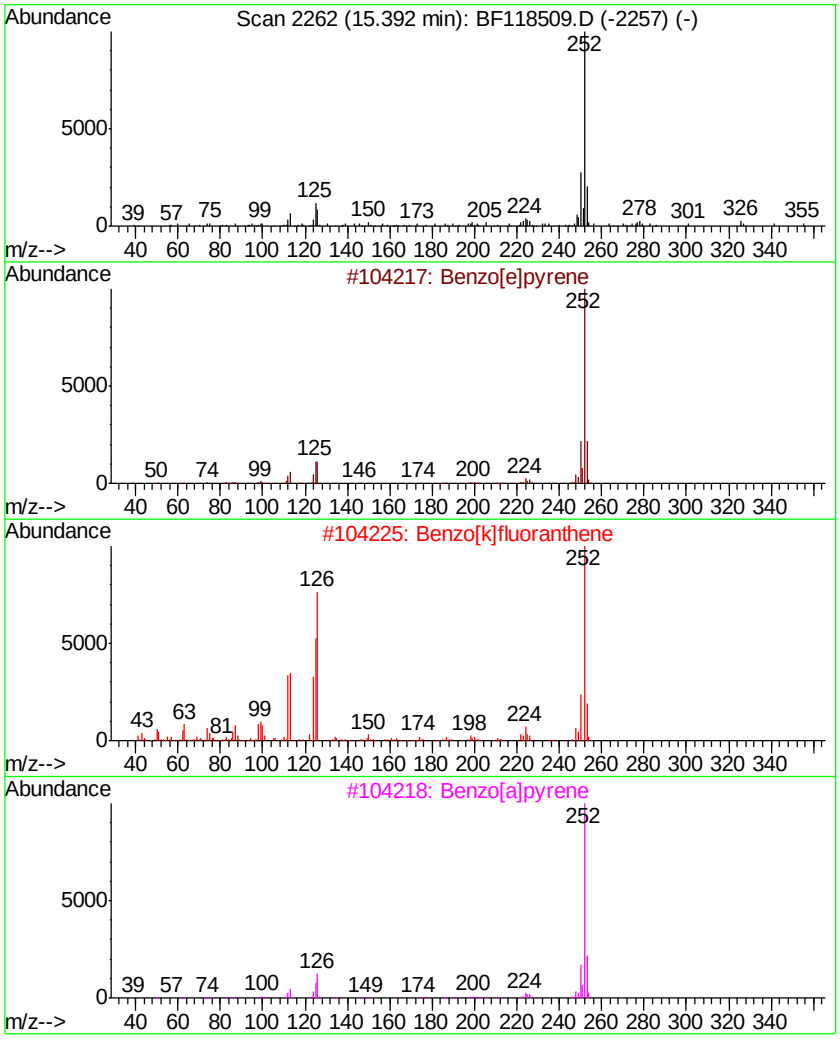
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

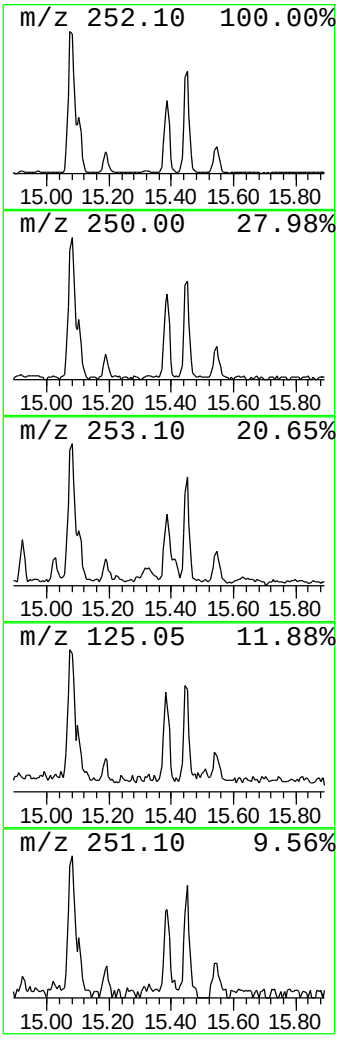
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	4.43 ng	140333	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

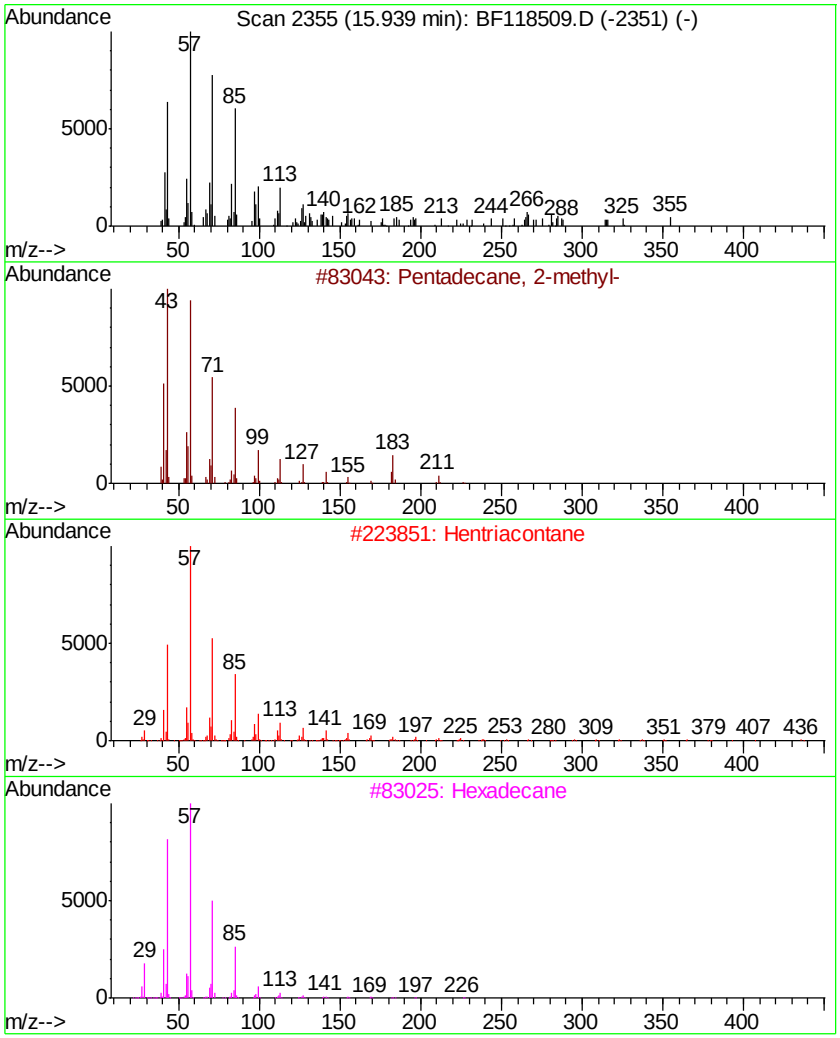
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

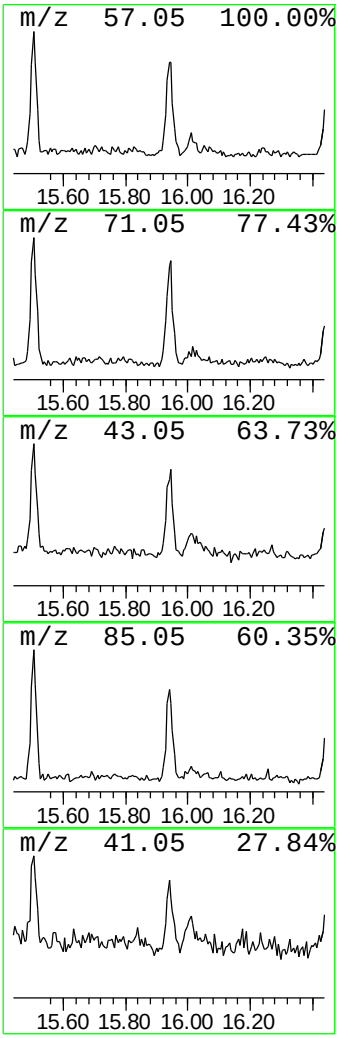
****

Peak Number 20 Pentadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.39 ng	107281	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	87
2	Hentriacontane	437	C31H64	000630-04-6	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Tricosane	324	C23H48	000638-67-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010820\
Data File : BF118509.D
Acq On : 8 Jan 2020 20:17
Operator : JU
Sample : L1049-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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
2-Pentanone, 4-hy...	5.03	14.8	ng	301726	1	6.83	406893	20.0
unknown6.60	6.60	92.7	ng	1885200	1	6.83	406893	20.0
Hexadecane, 2,6,1...	10.79	4.5	ng	142459	4	11.37	639005	20.0
Tridecane	11.22	2.4	ng	74989	4	11.37	639005	20.0
Dibenzothiophene	11.27	2.8	ng	90640	4	11.37	639005	20.0
Anthracene, 2-met...	11.87	2.4	ng	78079	4	11.37	639005	20.0
1H-Indene, 2-phenyl-	11.90	8.1	ng	257968	4	11.37	639005	20.0
Anthracene, 9-met...	11.95	2.1	ng	68792	4	11.37	639005	20.0
4H-Cyclopenta[def...	11.99	5.5	ng	175737	4	11.37	639005	20.0
1H-Cyclopropa[l]p...	12.01	2.2	ng	70547	4	11.37	639005	20.0
5,16[1',2']:8,13[...	12.17	2.6	ng	82454	4	11.37	639005	20.0
Phenanthrene, 2,5...	12.43	3.2	ng	102700	4	11.37	639005	20.0
Octacosane	12.45	3.0	ng	94863	4	11.37	639005	20.0
11H-Benzo[a]fluorene	13.04	2.2	ng	86968	5	14.03	802534	20.0
1-Eicosene	13.86	6.6	ng	266383	5	14.03	802534	20.0
Heptadecane	14.17	2.5	ng	101761	5	14.03	802534	20.0
Octadecane	14.48	2.9	ng	116538	5	14.03	802534	20.0
Benzo[e]pyrene	15.39	4.4	ng	140333	6	15.51	633837	20.0
Pentadecane, 2-me...	15.94	3.4	ng	107281	6	15.51	633837	20.0