LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

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-BF083019.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	5.457	569	573	576	rBV	2089890	1867991	75.94%	6.028%
2	6.475	741	746	749	rBV	2375793	2078826	84.51%	6.708%
3	6.616	766	770	773	rBV	2494845	2092198	85.05%	6.752%
4	6.845	806	809	813	rBV	776606	602738	24.50%	1.945%
5	7.004	832	836	839	rBV	2025183	1596603	64.91%	5.152%
6	7.404	900	904	907	rBV	1596611	1306552	53.11%	4.216%
7	8.128	1023	1027	1030	rBV	1049278	808749	32.88%	2.610%
8	9.204	1206	1210	1213	rBV	2568374	2302651	93.61%	7.431%
9	9.316	1223	1229	1234	rVB3	39494	47394	1.93%	0.153%
10	9.592	1273	1276	1281	rVB	198515	173737	7.06%	0.561%
11	9.739	1298	1301	1304	rBV	80882	62403	2.54%	0.201%
12	9.881	1321	1325	1328	rBV	1258310	958902	38.98%	3.094%
13	9.910	1328	1330	1337	rVB2	28796	32733	1.33%	0.106%
14	10.081	1356	1359	1363	rBV	29589	27704	1.13%	0.089%
15	10.422	1415	1417	1423	rVB	49419	48642	1.98%	0.157%
16	10.663	1454	1458	1462	rBV	1605565	1498821	60.93%	4.837%
17	10.786	1476	1479	1483	rBV3	24505	28038	1.14%	0.090%
18	11.163	1540	1543	1548	rVB	54517	52203	2.12%	0.168%
19	11.210	1548	1551	1554	rBV3	19656	31117	1.26%	0.100%
20	11.257	1557	1559	1565	rVB	49369	46995	1.91%	0.152%
21	11.363	1573	1577	1579	rBV	1155067	1033556	42.02%	3.335%
22	11.386	1579	1581	1584	rVV	917980	705870	28.70%	2.278%
23	11.433	1584	1589	1592	rVB	148393	146674	5.96%	0.473%
24	11.586	1610	1615	1618	rBV2	82732	86881	3.53%	0.280%
25	11.692	1630	1633	1639	rVB3	31073	26997	1.10%	0.087%
26	11.863	1656	1662	1664	rBV	145079	140791	5.72%	0.454%
27	11.886	1664	1666	1670	rVV2	388350	349411	14.20%	1.128%
28	11.933	1670	1674	1677	rVV2	51870	72331	2.94%	0.233%
29	11.975	1677	1681	1683	rVV2	201933	219708	8.93%	0.709%
30	11.998	1683	1685	1688	rVB	99160	80836	3.29%	0.261%
31	12.063	1694	1696	1700	rBV4	29196	33191	1.35%	0.107%
32	12.157	1708	1712	1713	rBV	98485	84076	3.42%	0.271%
33	12.175	1713	1715	1719	rVB	112708	97608	3.97%	0.315%
34	12.286	1732	1734	1736	rBV2	41830	36055	1.47%	0.116%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.339	1740	1743	1745	rBV	32683	29842	1.21%	0.096%
36	12.410	1751	1755	1758	rBV	112953	121277	4.93%	0.391%
37	12.451	1758	1762	1767	rVV3	84126	118033	4.80%	0.381%
38	12.492	1767	1769	1774	rVB3	85329	87081	3.54%	0.281%
39	12.574	1779	1783	1786	rBV	1180734	1089331	44.28%	3.515%
40	12.616	1786	1790	1792	rBV	23470	29200	1.19%	0.094%
41	12.669	1796	1799	1801	rBV2	68360	64924	2.64%	0.210%
42	12.698	1801	1804	1805	rBV3	34384	31709	1.29%	0.102%
43	12.798	1815	1821	1824	rBV	1103005	1110083	45.13%	3.582%
44	12.845	1827	1829	1834	rVB2	49690	71599	2.91%	0.231%
45	12.945	1838	1846	1849	rBV	2563533	2459882	100.00%	7.938%
46	13.016	1853	1858	1862	rBV4	90581	157459	6.40%	0.508%
47	13.104	1870	1873	1874	rBV2	66103	60159	2.45%	0.194%
48	13.127	1874	1877	1879	rVB	139718	133289	5.42%	0.430%
49	13.192	1883	1888	1890	rVB2	76824	73502	2.99%	0.237%
50	13.227	1891	1894	1898	rBV2	120693	133470	5.43%	0.431%
51	13.321	1908	1910	1913	rVB	73743	60012	2.44%	0.194%
52	13.351	1913	1915	1919	rBV	77160	76623	3.11%	0.247%
53	13.521	1942	1944	1947	rBV4	29519	33038	1.34%	0.107%
54	13.627	1959	1962	1967	rVB	123038	134220	5.46%	0.433%
55	13.739	1977	1981	1984	rBV2	94045	137453	5.59%	0.444%
56	13.769	1984	1986	1988	rVV	86221	75646	3.08%	0.244%
57	13.798	1988	1991	1994	rVV2	60230	73349	2.98%	0.237%
58	13.833	1994	1997	2002	rVV2	385412	421525	17.14%	1.360%
59	13.992	2019	2024	2027	rBV2	1067281	1404670	57.10%	4.533%
60	14.016	2027	2028	2035	rVB	501330	397079	16.14%	1.281%
61	14.098	2040	2042	2044	rVB	49084	32297	1.31%	0.104%
62	14.339	2081	2083	2085	rBV2	38449	38354	1.56%	0.124%
63	14.380	2087	2090	2092	rVB	97151	96057	3.90%	0.310%
64	14.410	2093	2095	2098	rVV2	81051	76864	3.12%	0.248%
65	14.468	2102	2105	2108	rVB2	103081	115756	4.71%	0.374%
66	14.768	2153	2156	2159	rBV	86259	95801	3.89%	0.309%
67	15.021	2196	2199	2203	rBV	355850	564790	22.96%	1.823%
68	15.104	2210	2213	2215	rBV	96972	105820	4.30%	0.341%
69	15.127	2215	2217	2222	rVB	105194	125203	5.09%	0.404%
70	15.321	2247	2250	2256	rVB	232889	290663	11.82%	0.938%
71	15.386	2257	2261	2267	rVV	319112	398260	16.19%	1.285%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.451	2267	2272	2275	rVV	636332	867101	35.25%	2.798%
73	15.480	2275	2277	2284	rVB3	188537	219941	8.94%	0.710%
74	15.910	2347	2350	2354	rVB	78777	101433	4.12%	0.327%
75	16.410	2432	2435	2440	rVB3	52213	79615	3.24%	0.257%
76	16.892	2512	2517	2525	rVB3	129429	264011	10.73%	0.852%
77	17.327	2586	2591	2595	rBV	87519	152823	6.21%	0.493%

Sum of corrected areas: 30988226

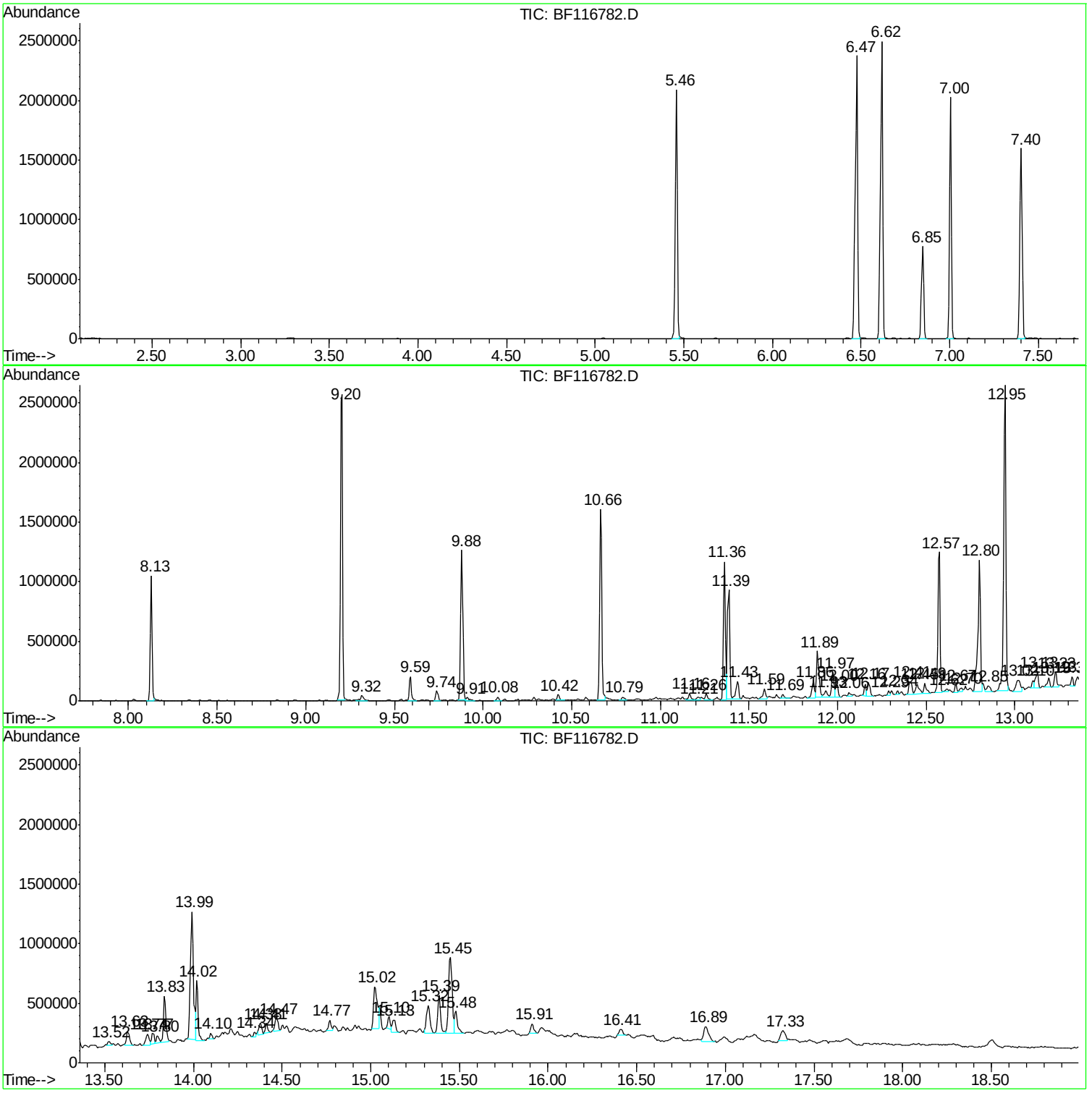
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

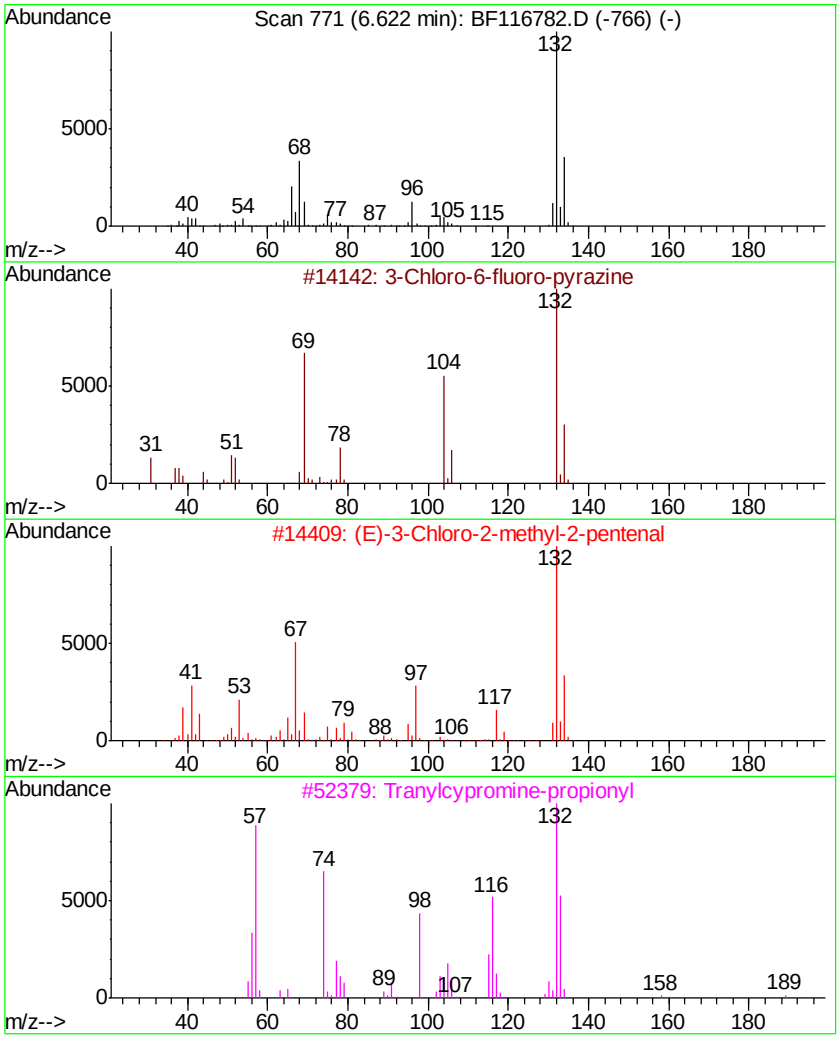
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

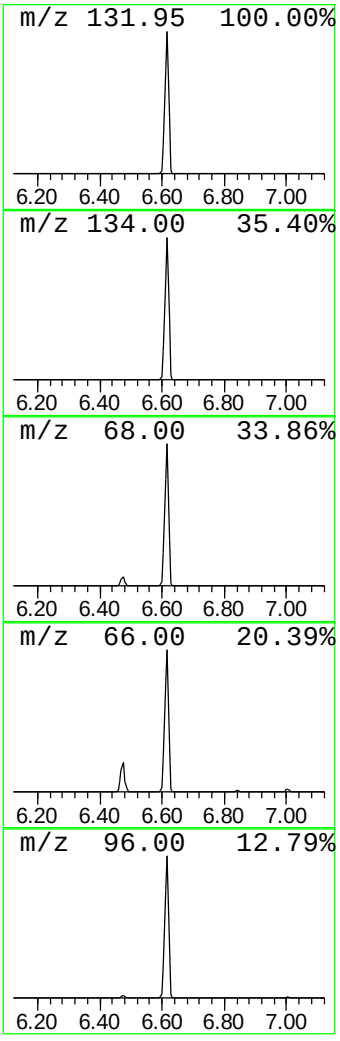
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	69.42 ng	2092200	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

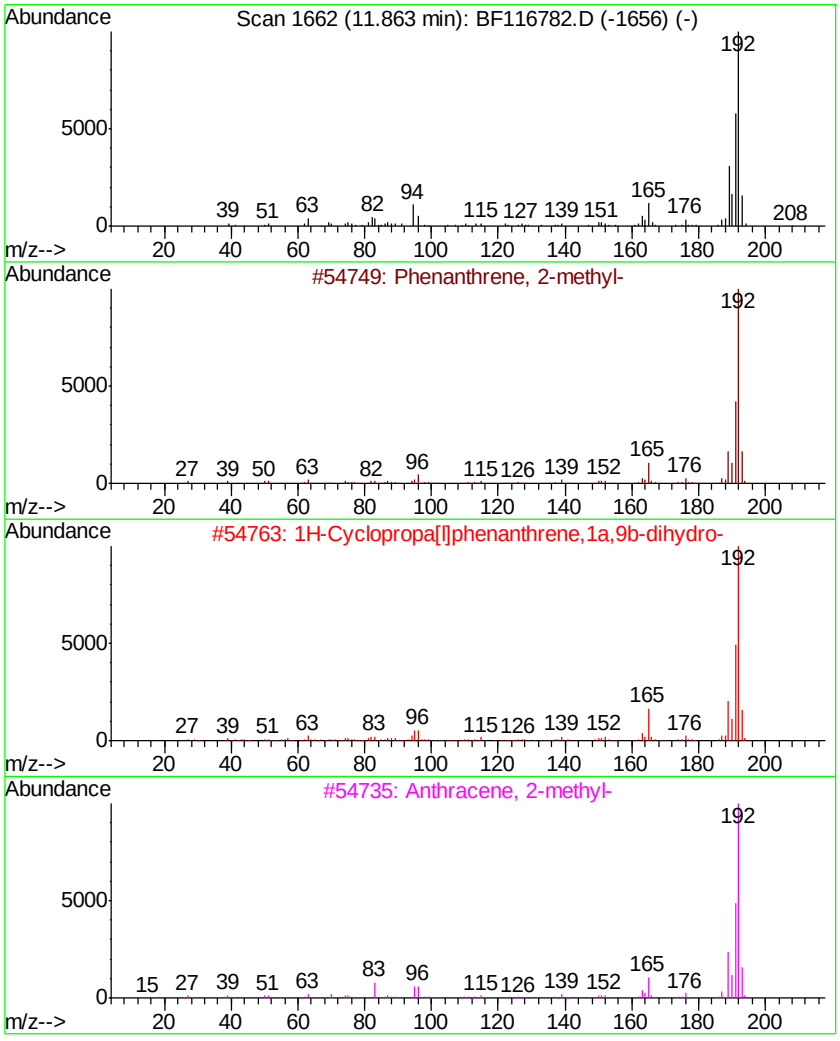
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

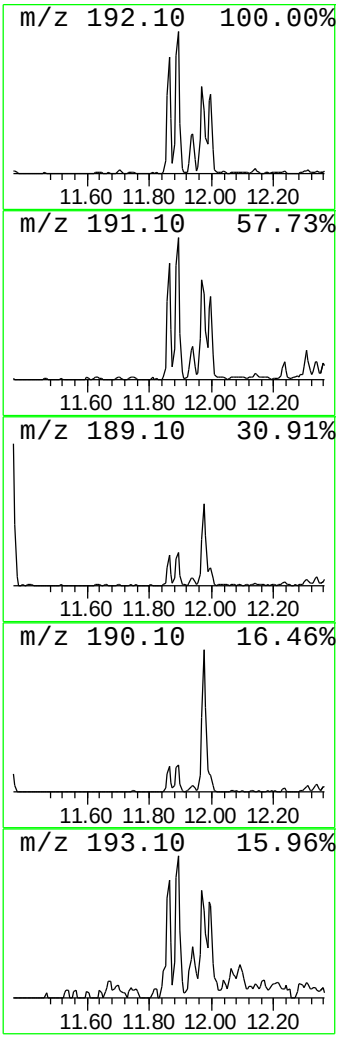
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.72 ng	140791	Phenanthrene-d10	11.36

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

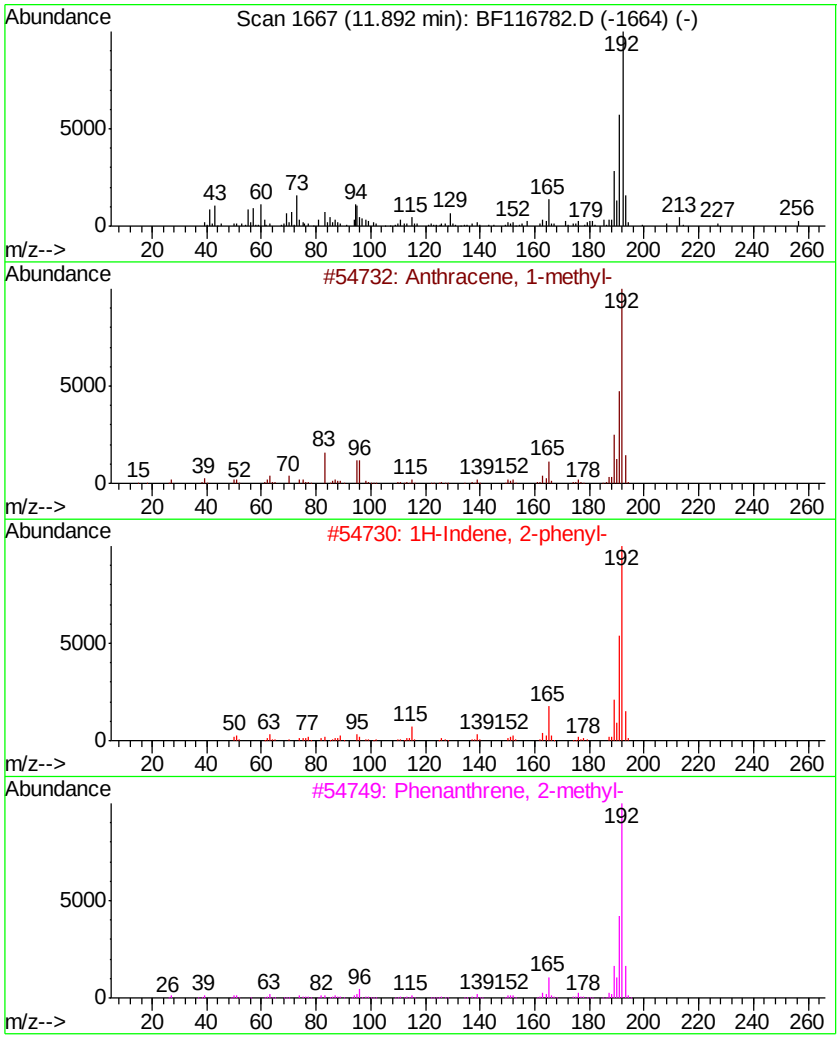
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

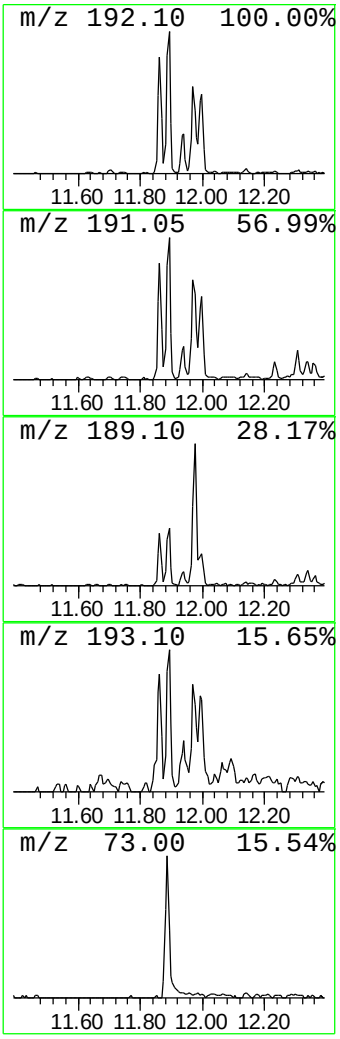
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.76 ng	349411	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	98
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

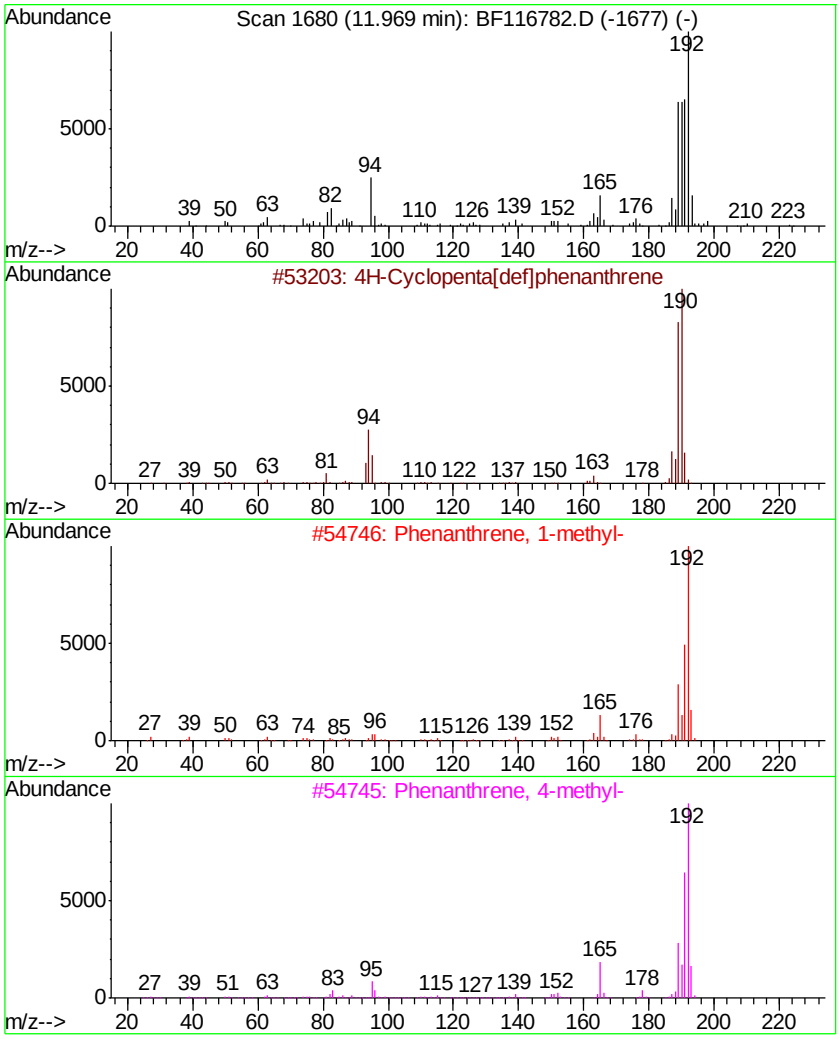
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

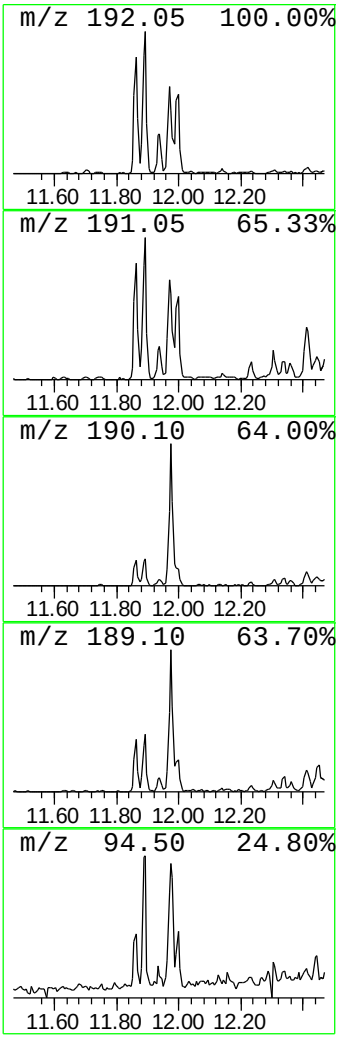
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.25 ng	219708	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

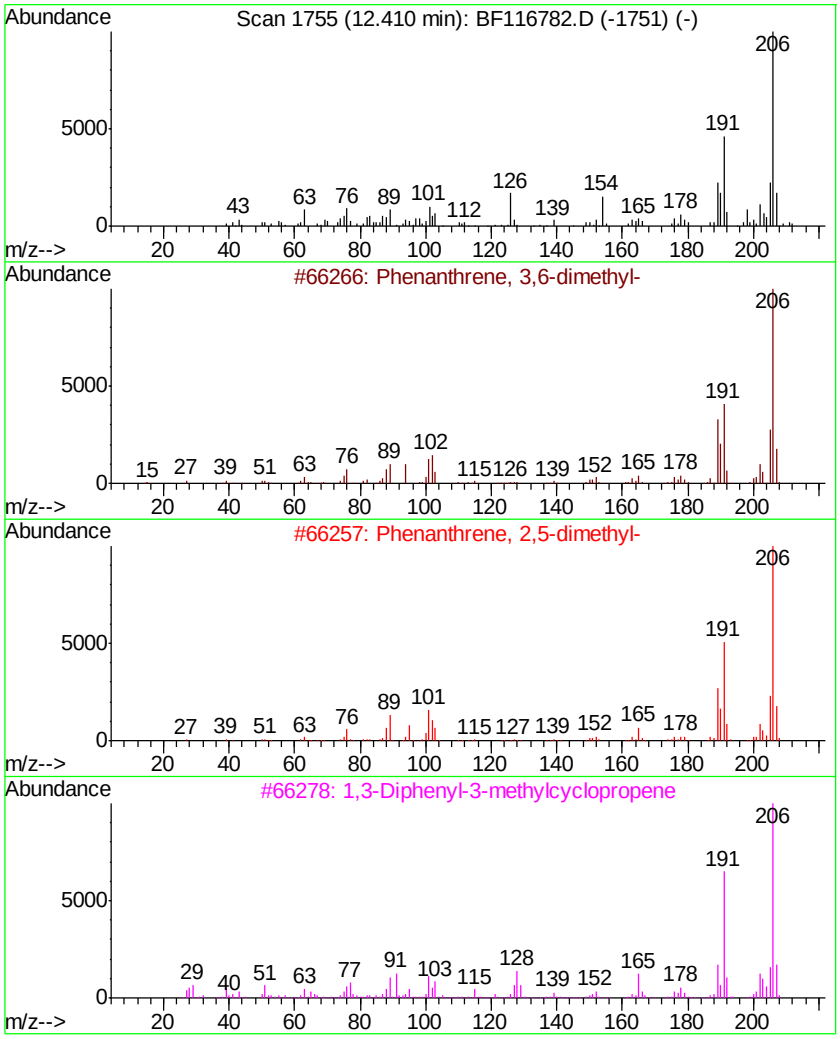
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

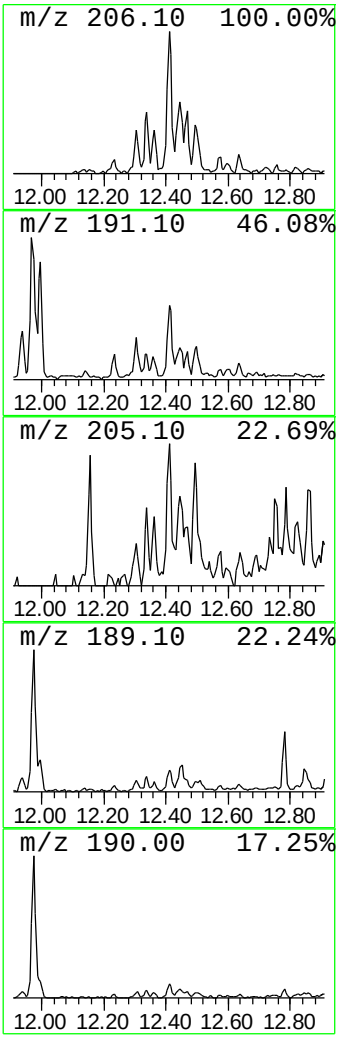
****

Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.35 ng	121277	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

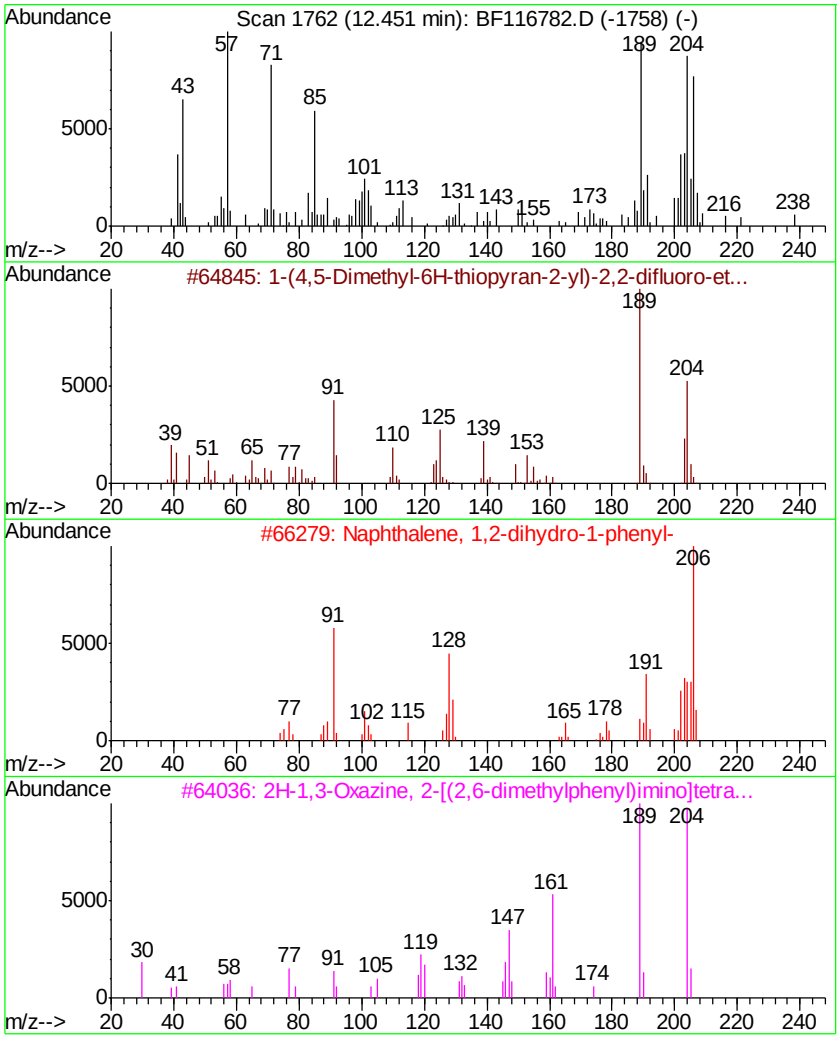
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

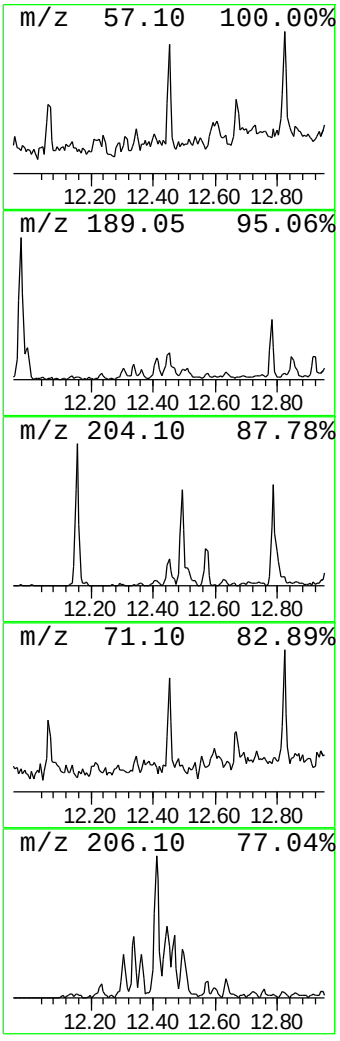
****

Peak Number 7 unknown12.45 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.28 ng	118033	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	27
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	25
3	2H-1,3-Oxazine, 2-[(2,6-dimethyl...	204	C12H16N2O	054708-09-7	22
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	18
5	2,5-Thiophenedicarboxylic acid, ...	204	C8H12O4S	019438-91-6	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

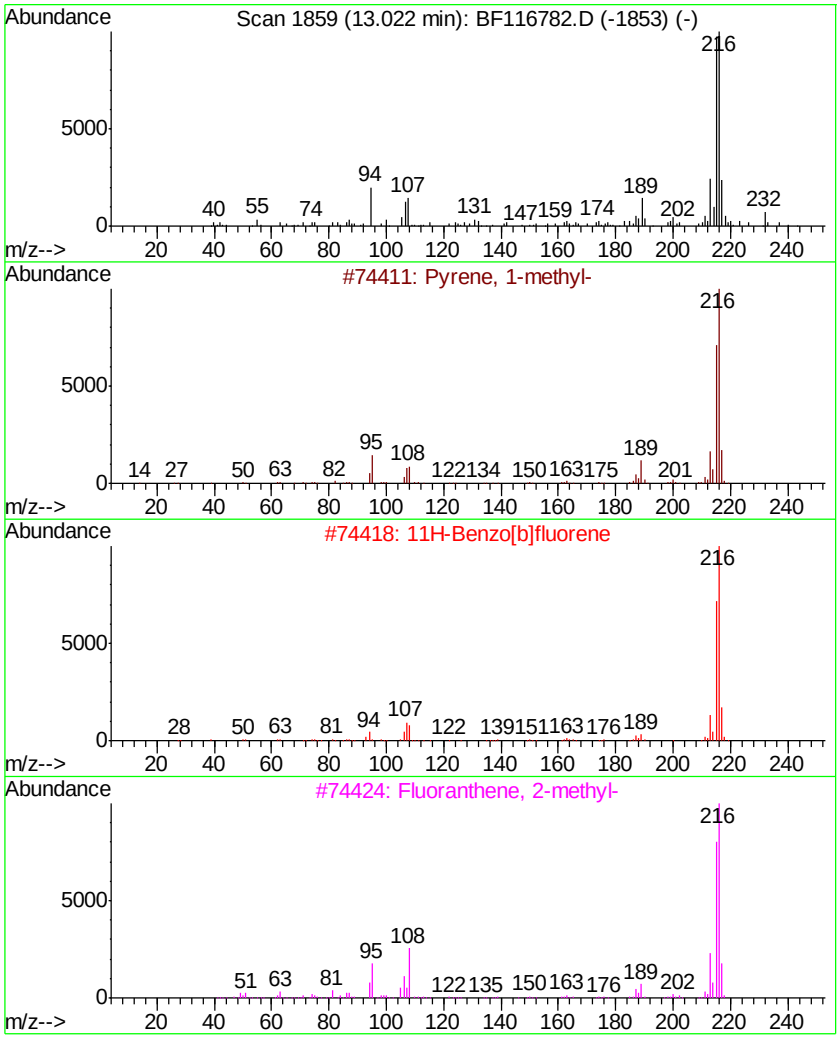
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

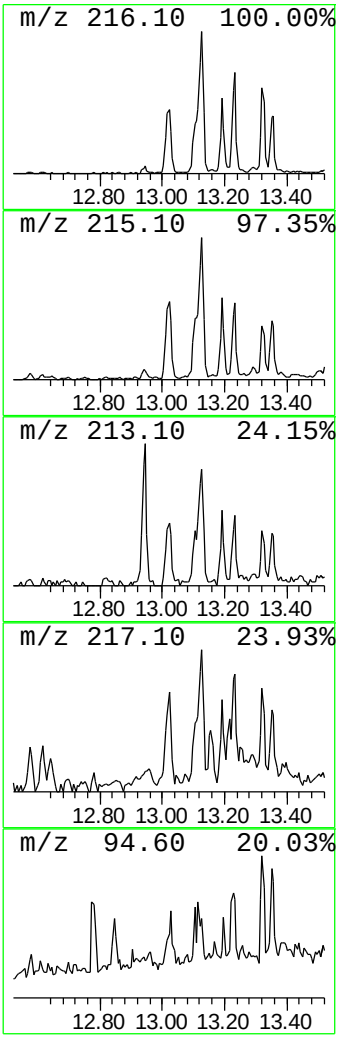
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.24 ng	157459	Chrysene-d12	13.99

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	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

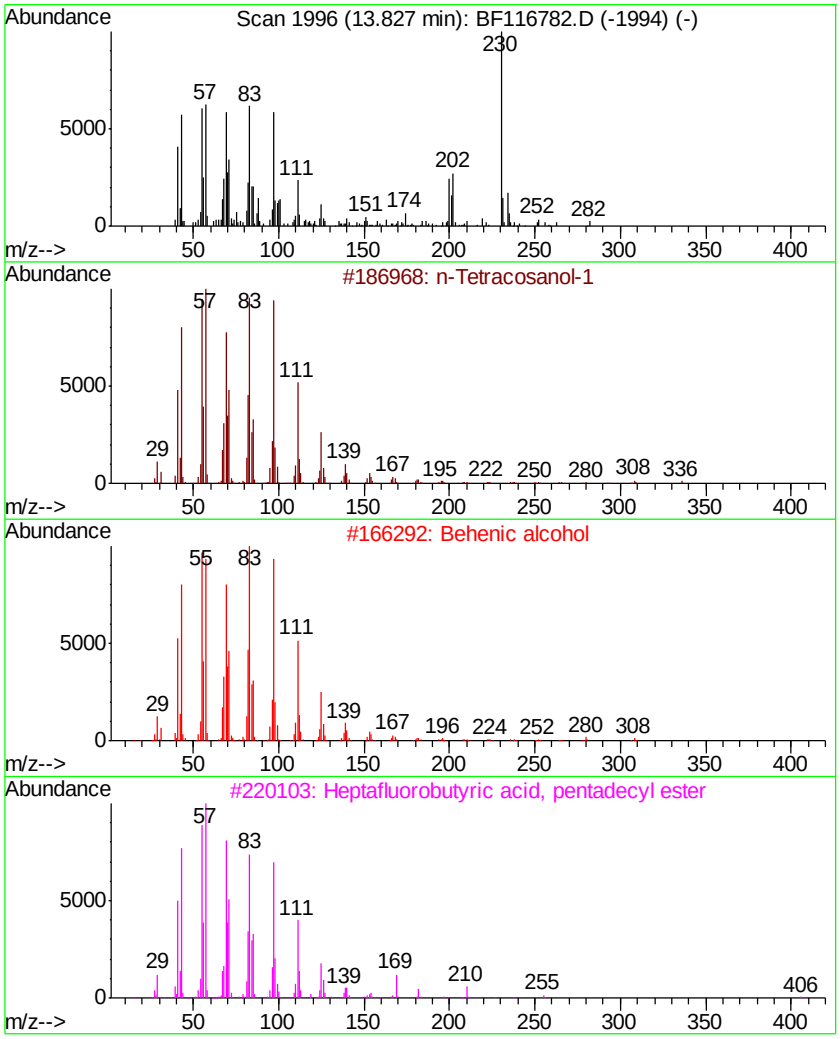
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

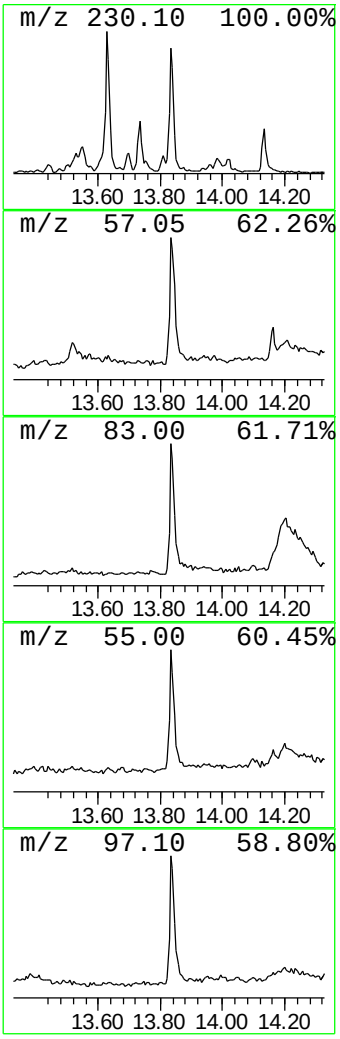
****

Peak Number 9 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.00 ng	421525	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
2	Behenic alcohol	326	C22H46O	000661-19-8	83
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	58
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	58
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

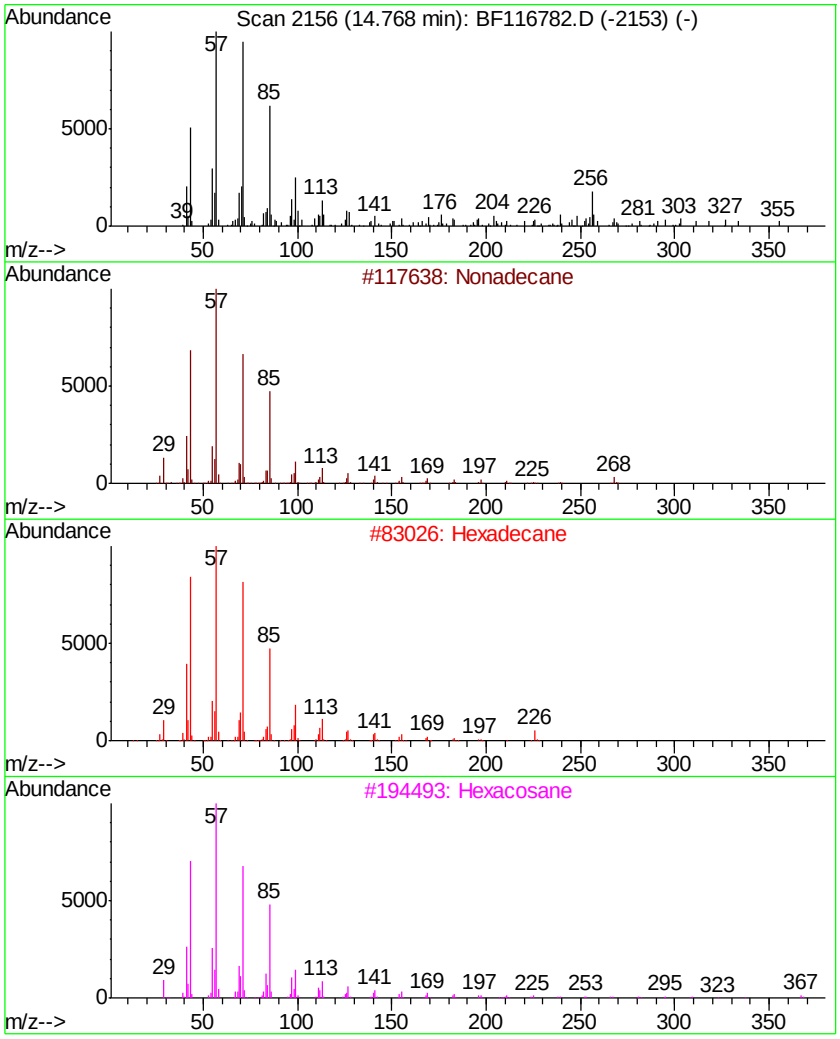
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

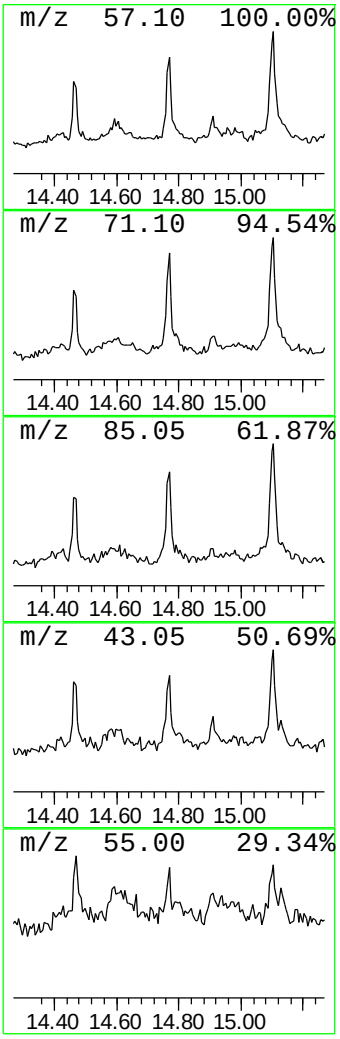
****

Peak Number 10 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.21 ng	95801	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Hexadecane	226	C16H34	000544-76-3	89
3	Hexacosane	366	C26H54	000630-01-3	74
4	Heneicosane	296	C21H44	000629-94-7	68
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

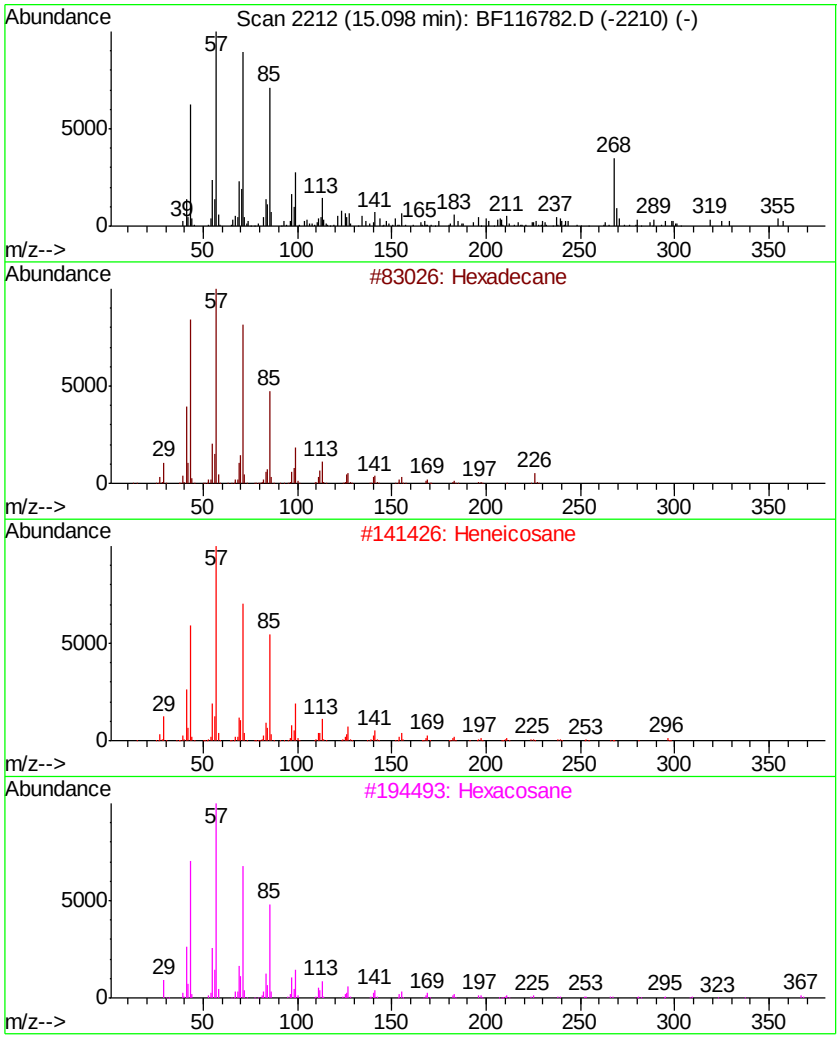
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

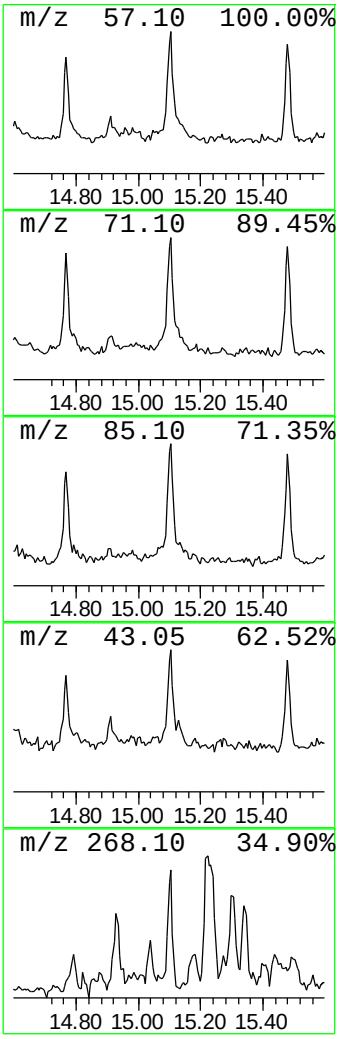
****

Peak Number 11 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.44 ng	105820	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heneicosane	296	C21H44	000629-94-7	83
3	Hexacosane	366	C26H54	000630-01-3	80
4	Triacontane	422	C30H62	000638-68-6	72
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

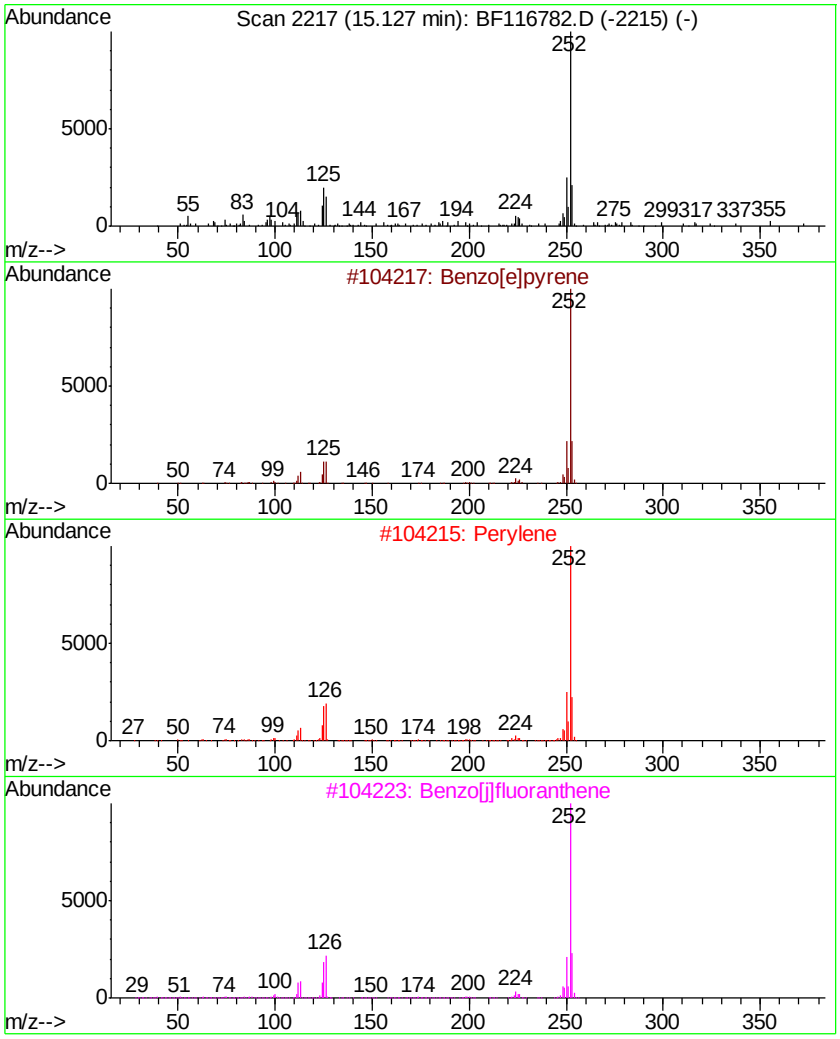
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

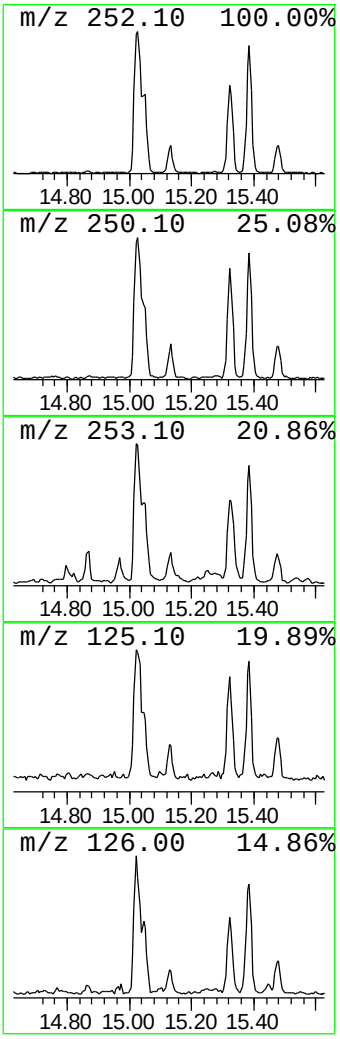
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.89 ng	125203	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

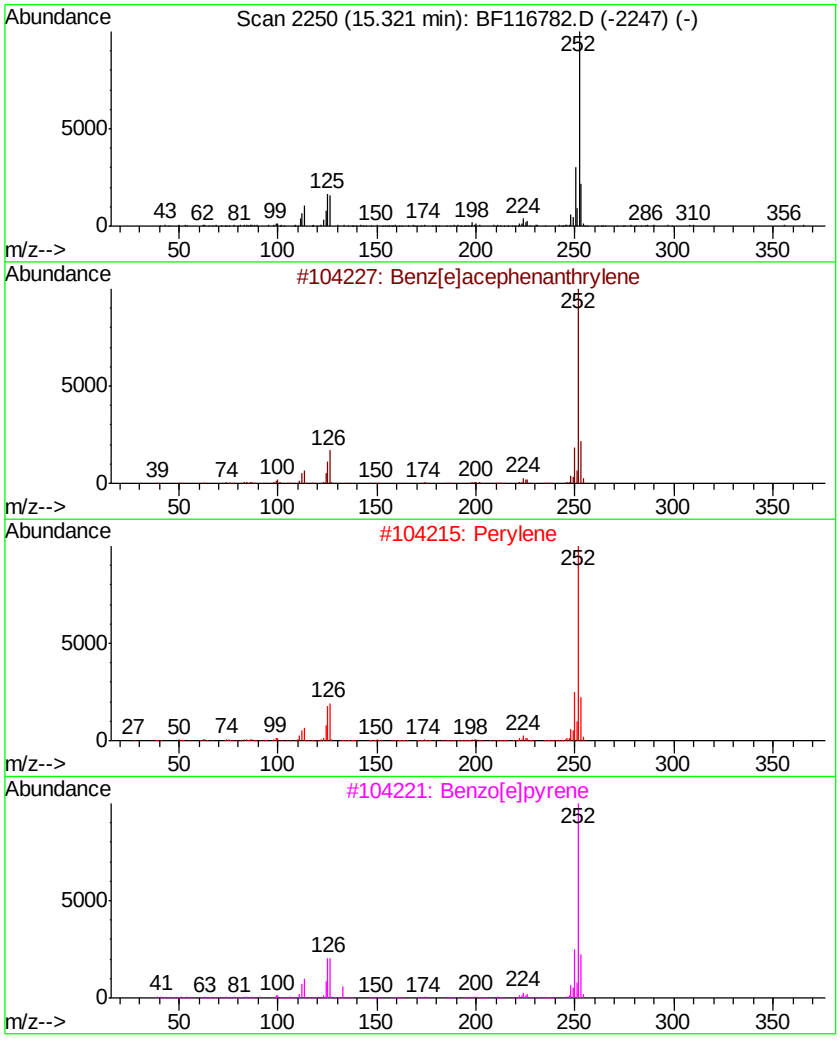
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

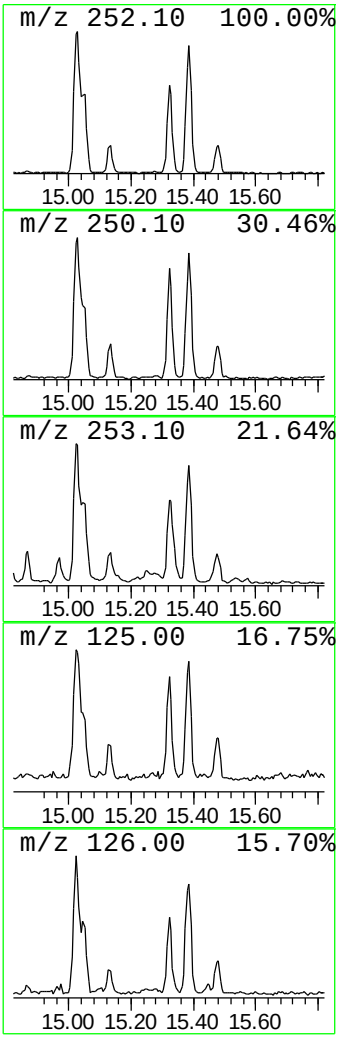
****

Peak Number 13 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.70 ng	290663	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

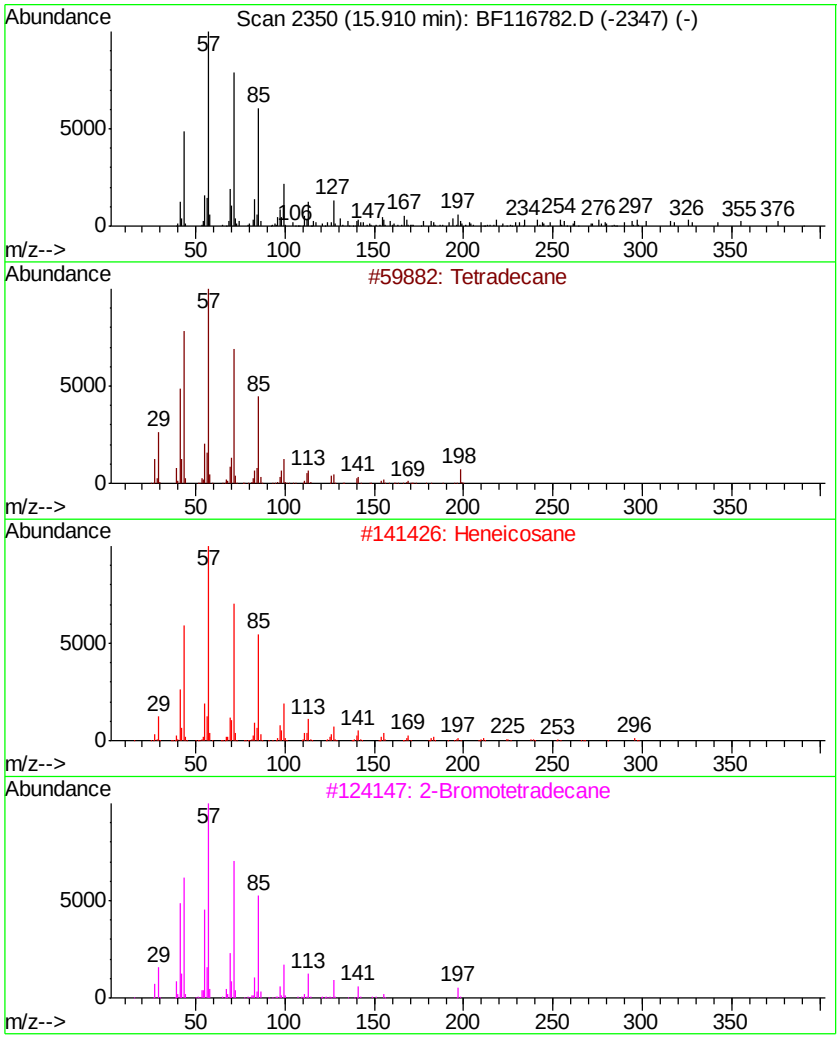
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

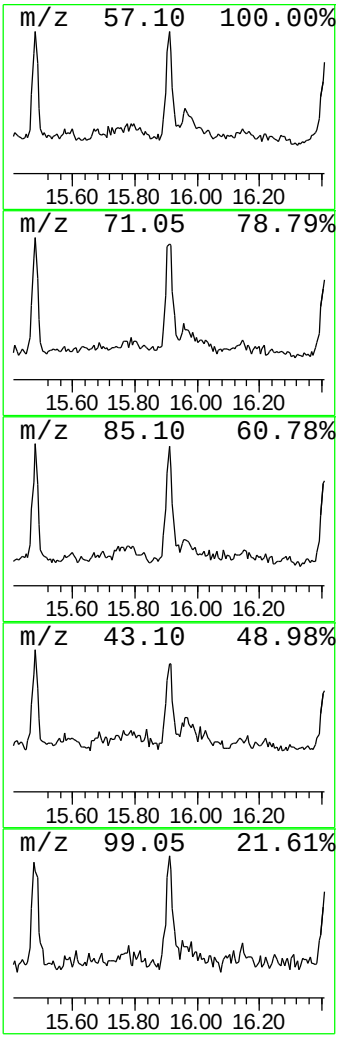
****

Peak Number 14 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.34 ng	101433	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Docosane	310	C22H46	000629-97-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090319\
Data File : BF116782.D
Acq On : 3 Sep 2019 19:39
Operator : HP/JU
Sample : K4554-43
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	69.4	ng	2092200	1	6.85	602738	20.0
Phenanthrene, 2-m...	11.86	2.7	ng	140791	4	11.36	1033560	20.0
Anthracene, 1-met...	11.89	6.8	ng	349411	4	11.36	1033560	20.0
4H-Cyclopenta[def...	11.97	4.3	ng	219708	4	11.36	1033560	20.0
Phenanthrene, 3,6...	12.41	2.4	ng	121277	4	11.36	1033560	20.0
unknown12.45	12.45	2.3	ng	118033	4	11.36	1033560	20.0
Pyrene, 1-methyl-	13.02	2.2	ng	157459	5	13.99	1404670	20.0
n-Tetracosanol-1	13.83	6.0	ng	421525	5	13.99	1404670	20.0
Nonadecane	14.77	2.2	ng	95801	6	15.45	867101	20.0
Hexadecane	15.10	2.4	ng	105820	6	15.45	867101	20.0
Benzo[e]pyrene	15.13	2.9	ng	125203	6	15.45	867101	20.0
Perylene	15.32	6.7	ng	290663	6	15.45	867101	20.0
Tetradecane	15.91	2.3	ng	101433	6	15.45	867101	20.0