LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.004	493	496	503	rVB	54127	58573	4.29%	0.299%
2	5.416	562	566	569	rBV	1357369	1170712	85.65%	5.973%
3	6.434	735	739	753	rVB	1317158	1209435	88.48%	6.170%
4	6.575	759	763	766	rBV	1549612	1243249	90.96%	6.343%
5	6.810	799	803	806	rBV	938572	730173	53.42%	3.725%
6	6.963	825	829	833	rBV	1249753	985036	72.07%	5.026%
7	7.369	894	898	901	rBV	882230	721973	52.82%	3.683%
8	8.092	1017	1021	1024	rBV	1260604	975502	71.37%	4.977%
9	8.804	1139	1142	1149	rBV	236116	184300	13.48%	0.940%
10	8.904	1156	1159	1162	rBV	168176	127364	9.32%	0.650%
11	9.169	1200	1204	1207	rBV	1652819	1366828	100.00%	6.973%
12	9.363	1234	1237	1242	rBV	43103	39608	2.90%	0.202%
13	9.433	1245	1249	1253	rBV	80749	108410	7.93%	0.553%
14	9.504	1257	1261	1264	rBV	143341	144682	10.59%	0.738%
15	9.533	1264	1266	1268	rVV	81938	62913	4.60%	0.321%
16	9.563	1268	1271	1278	rVV	195869	168837	12.35%	0.861%
17	9.622	1278	1281	1289	rVV	66161	69753	5.10%	0.356%
18	9.710	1293	1296	1299	rBV	52385	44510	3.26%	0.227%
19	9.774	1304	1307	1310	rVB	43822	33378	2.44%	0.170%
20	9.851	1316	1320	1323	rBV	1147607	992323	72.60%	5.063%
21	9.880	1323	1325	1328	rVB2	44788	37911	2.77%	0.193%
22	9.951	1334	1337	1342	rBV	26308	33860	2.48%	0.173%
23	9.998	1342	1345	1349	rVV5	12111	19027	1.39%	0.097%
24	10.051	1350	1354	1358	rVV	65814	65367	4.78%	0.333%
25	10.092	1358	1361	1366	rVV2	41747	39657	2.90%	0.202%
26	10.163	1370	1373	1376	rVV	27999	24407	1.79%	0.125%
27	10.192	1376	1378	1382	rVV	26998	22161	1.62%	0.113%
28	10.251	1384	1388	1390	rVV2	26770	32531	2.38%	0.166%
29	10.274	1390	1392	1395	rVB	60797	44316	3.24%	0.226%
30	10.398	1410	1413	1419	rVB	72446	66331	4.85%	0.338%
31	10.551	1435	1439	1442	rVB5	16830	17978	1.32%	0.092%
32	10.639	1450	1454	1464	rVB	752700	711445	52.05%	3.630%
33	10.751	1470	1473	1477	rBV2	37980	47946	3.51%	0.245%
34	10.945	1500	1506	1509	rBV4	23094	28391	2.08%	0.145%

LSC Area Percent Report

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Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.198	1543	1549	1553	rBV3	29954	38972	2.85%	0.199%
36	11.233	1553	1555	1563	rVB	35441	30106	2.20%	0.154%
37	11.339	1569	1573	1575	rBV	1046014	896826	65.61%	4.576%
38	11.363	1575	1577	1580	rVV	547966	413311	30.24%	2.109%
39	11.410	1583	1585	1588	rVB	121811	101031	7.39%	0.515%
40	11.568	1606	1612	1615	rBV2	52163	60517	4.43%	0.309%
41	11.627	1620	1622	1627	rVB3	17501	19921	1.46%	0.102%
42	11.839	1654	1658	1660	rBV	68537	57633	4.22%	0.294%
43	11.868	1660	1663	1666	rVV	86095	73311	5.36%	0.374%
44	11.916	1666	1671	1674	rVV2	33397	32975	2.41%	0.168%
45	11.951	1674	1677	1679	rVV	119066	113677	8.32%	0.580%
46	11.974	1679	1681	1685	rVB	54739	40971	3.00%	0.209%
47	12.039	1685	1692	1695	rBV5	11324	21661	1.58%	0.111%
48	12.133	1706	1708	1710	rBV	42673	35707	2.61%	0.182%
49	12.163	1710	1713	1716	rVB2	24357	22218	1.63%	0.113%
50	12.386	1747	1751	1754	rBV	41409	47127	3.45%	0.240%
51	12.427	1754	1758	1763	rVB4	33156	47640	3.49%	0.243%
52	12.474	1763	1766	1771	rBV2	30576	36515	2.67%	0.186%
53	12.551	1775	1779	1783	rVV	684663	576723	42.19%	2.942%
54	12.780	1812	1818	1821	rBV	545255	571044	41.78%	2.913%
55	12.804	1821	1822	1824	rVV	80749	55293	4.05%	0.282%
56	12.827	1824	1826	1831	rVB2	72033	74692	5.46%	0.381%
57	12.898	1835	1838	1839	rBV3	29961	24109	1.76%	0.123%
58	12.921	1839	1842	1849	rVB	1103428	1077665	78.84%	5.498%
59	13.004	1850	1856	1859	rBV3	43030	75151	5.50%	0.383%
60	13.110	1871	1874	1877	rVB	95934	81847	5.99%	0.418%
61	13.174	1883	1885	1888	rVB	76777	61878	4.53%	0.316%
62	13.215	1888	1892	1894	rBV2	61385	67059	4.91%	0.342%
63	13.268	1899	1901	1905	rBV4	15750	18033	1.32%	0.092%
64	13.304	1905	1907	1910	rBV	35602	34430	2.52%	0.176%
65	13.339	1910	1913	1916	rBV2	39875	35994	2.63%	0.184%
66	13.498	1936	1940	1941	rBV4	12479	16961	1.24%	0.087%
67	13.615	1958	1960	1964	rVB	37556	41447	3.03%	0.211%
68	13.733	1976	1980	1982	rBV2	43692	53757	3.93%	0.274%
69	13.757	1982	1984	1986	rVV	45203	39275	2.87%	0.200%
70	13.786	1986	1989	1992	rVV2	31934	55241	4.04%	0.282%
71	13.821	1992	1995	2002	rVB2	110617	133415	9.76%	0.681%

LSC Area Percent Report

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Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.980	2014	2022	2025	rBV2	874515	1064678	77.89%	5.432%
73	14.009	2025	2027	2033	rVB	231495	216761	15.86%	1.106%
74	14.086	2038	2040	2043	rVB	43344	37799	2.77%	0.193%
75	14.368	2086	2088	2091	rVB	49247	46021	3.37%	0.235%
76	14.404	2092	2094	2098	rVV	30732	27671	2.02%	0.141%
77	14.498	2107	2110	2111	rBV2	33619	31593	2.31%	0.161%
78	15.021	2195	2199	2202	rBV	184829	273503	20.01%	1.395%
79	15.321	2247	2250	2255	rVB	108442	130727	9.56%	0.667%
80	15.380	2257	2260	2266	rVV	156989	202659	14.83%	1.034%
81	15.445	2267	2271	2283	rVB	439241	643338	47.07%	3.282%
82	16.898	2515	2518	2524	rVB2	64001	112558	8.23%	0.574%

Sum of corrected areas: 19600328

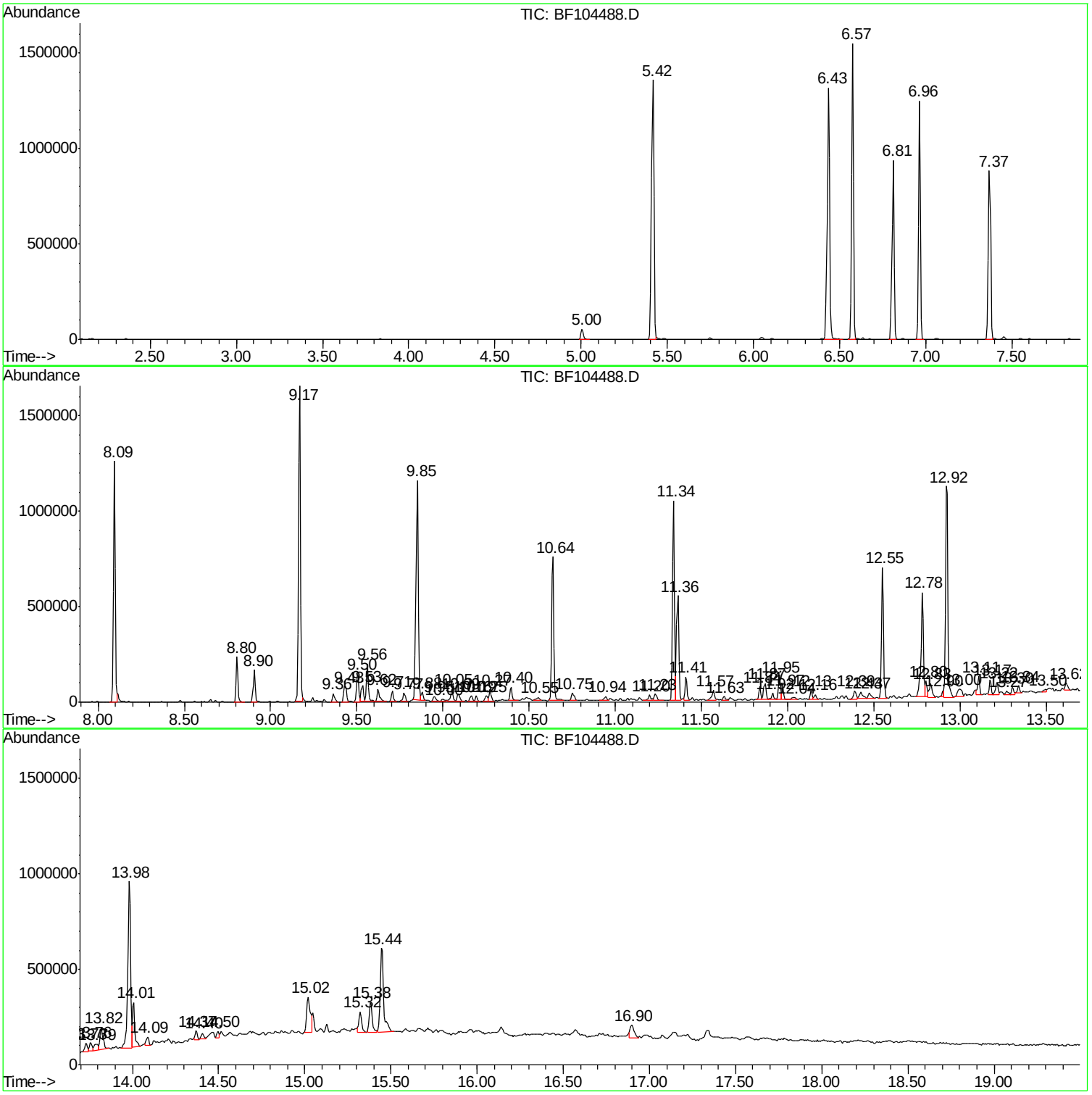
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

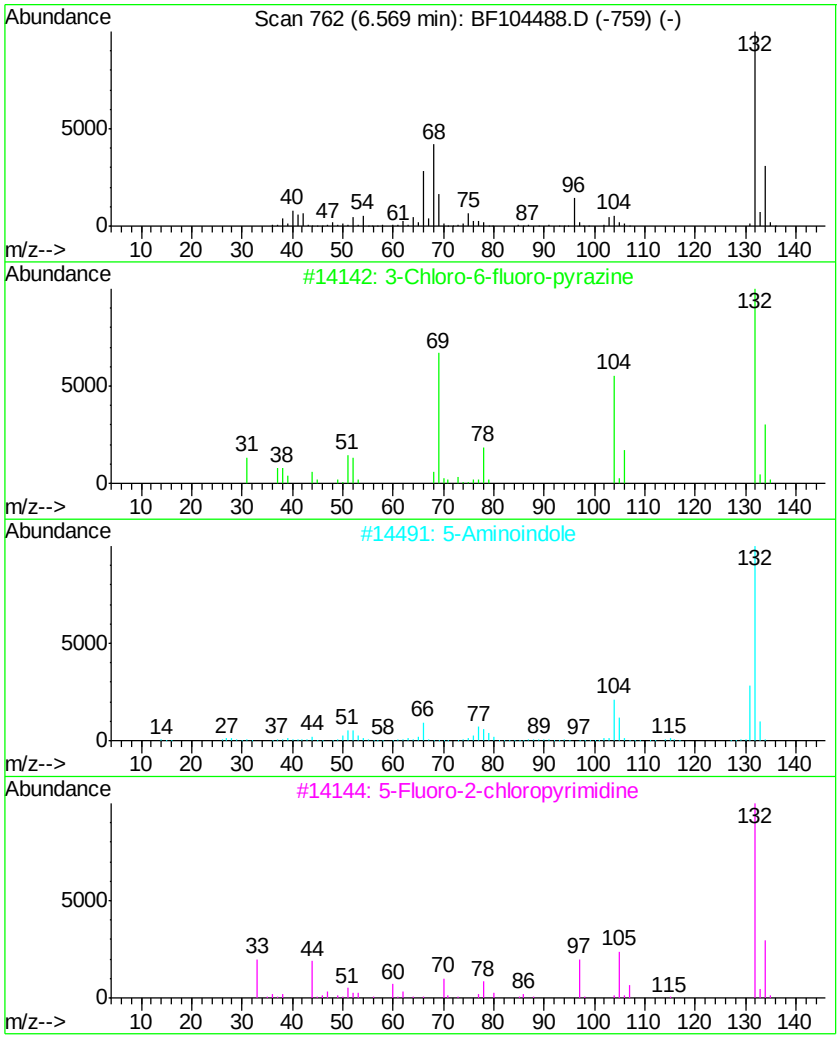
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

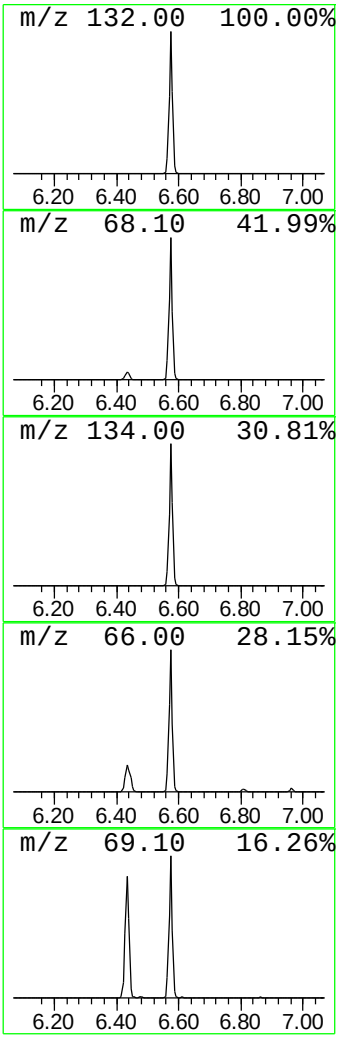
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	34.05 ng	1243250	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

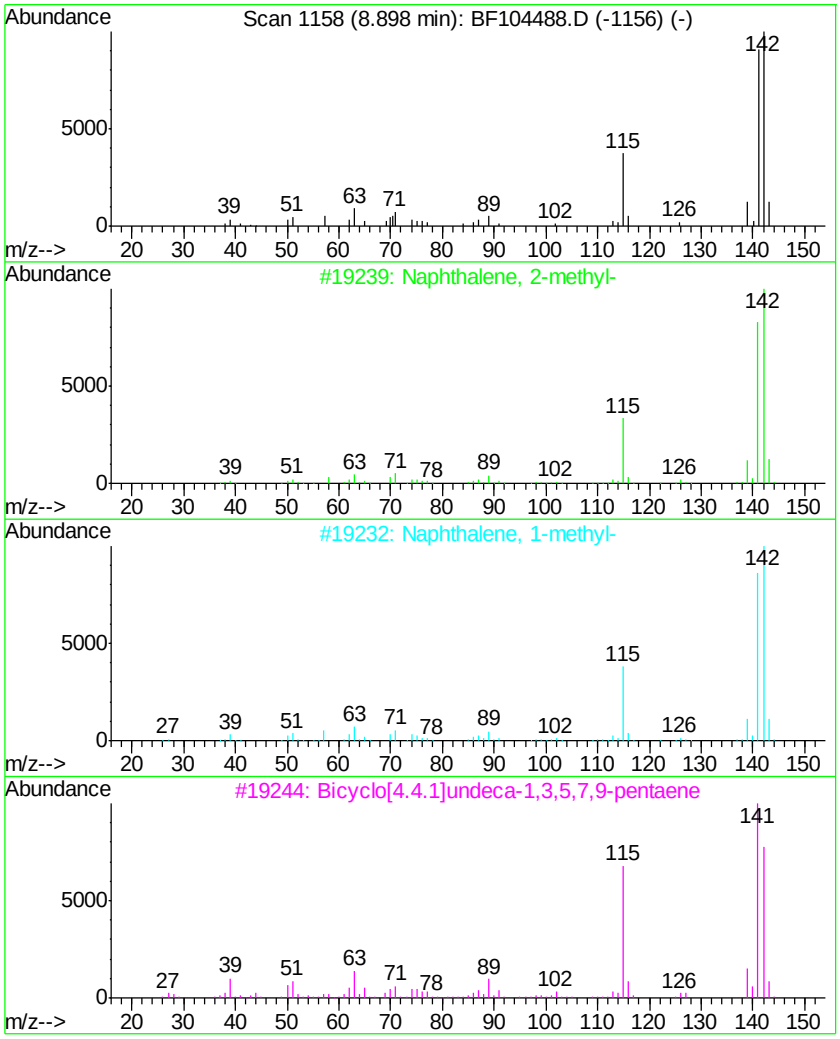
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

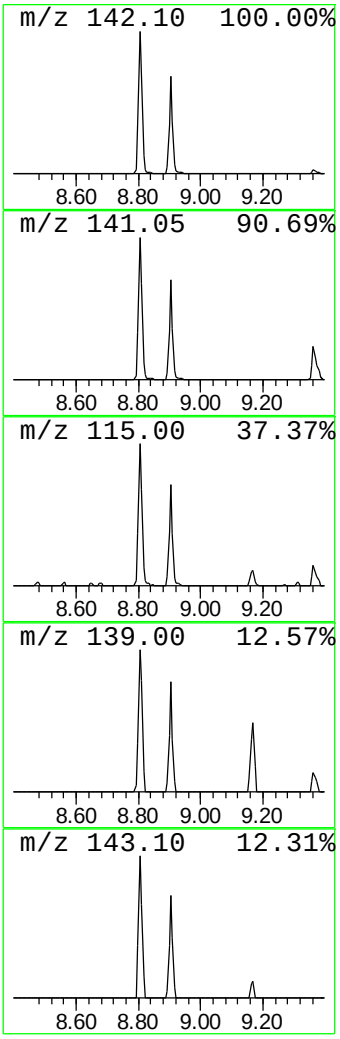
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	2.61 ng	127364	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

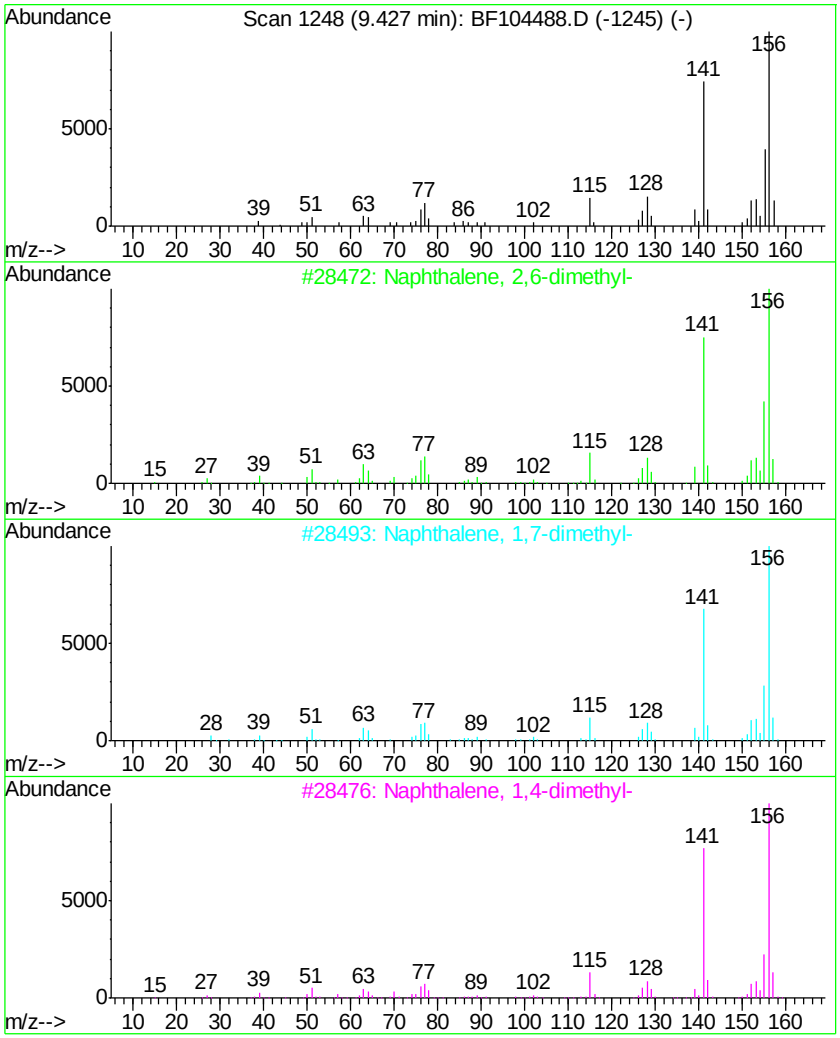
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

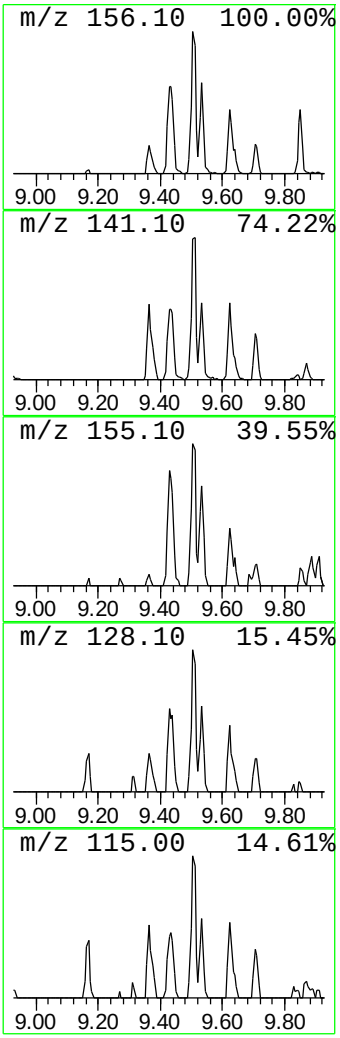
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.18 ng	108410	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

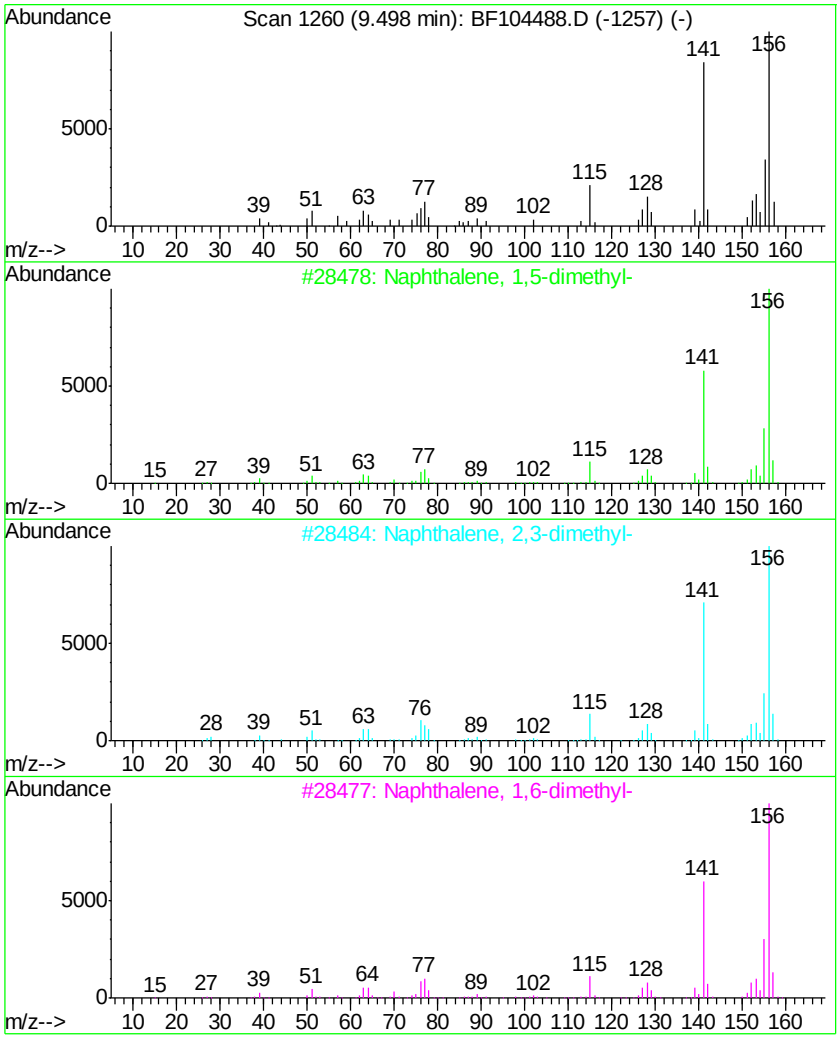
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

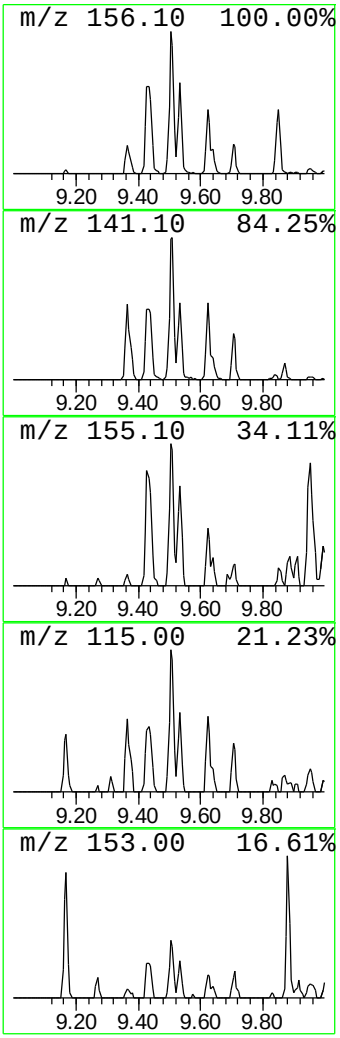
****

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.92 ng	144682	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

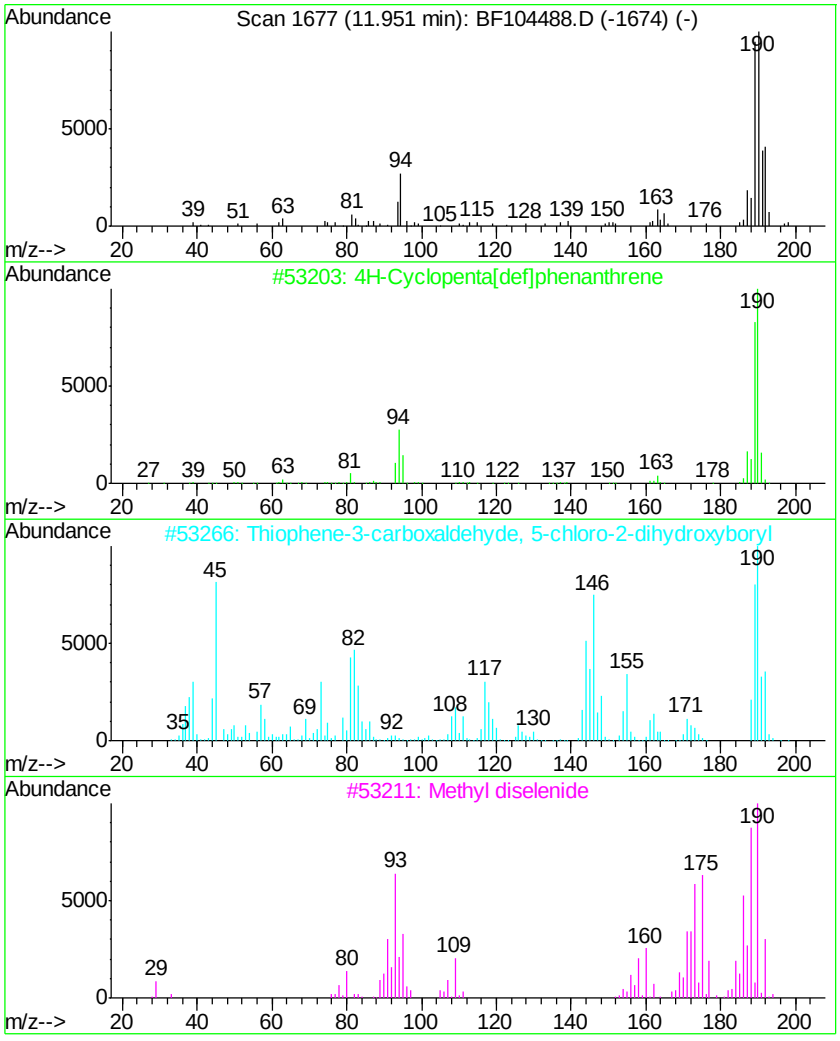
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

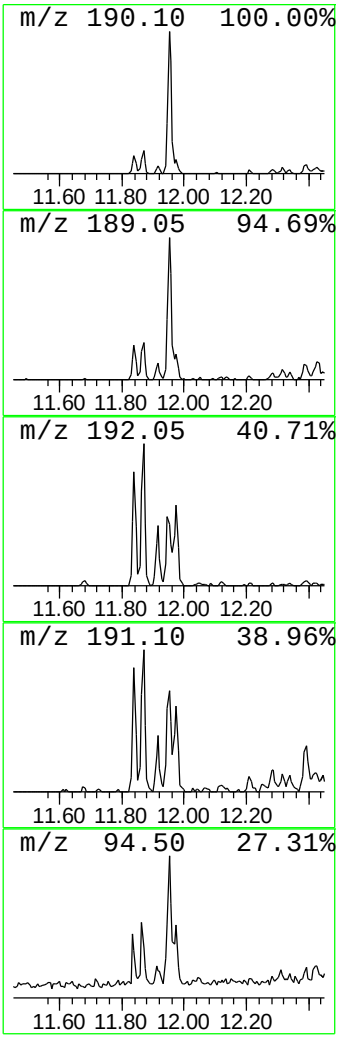
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.54 ng	113677	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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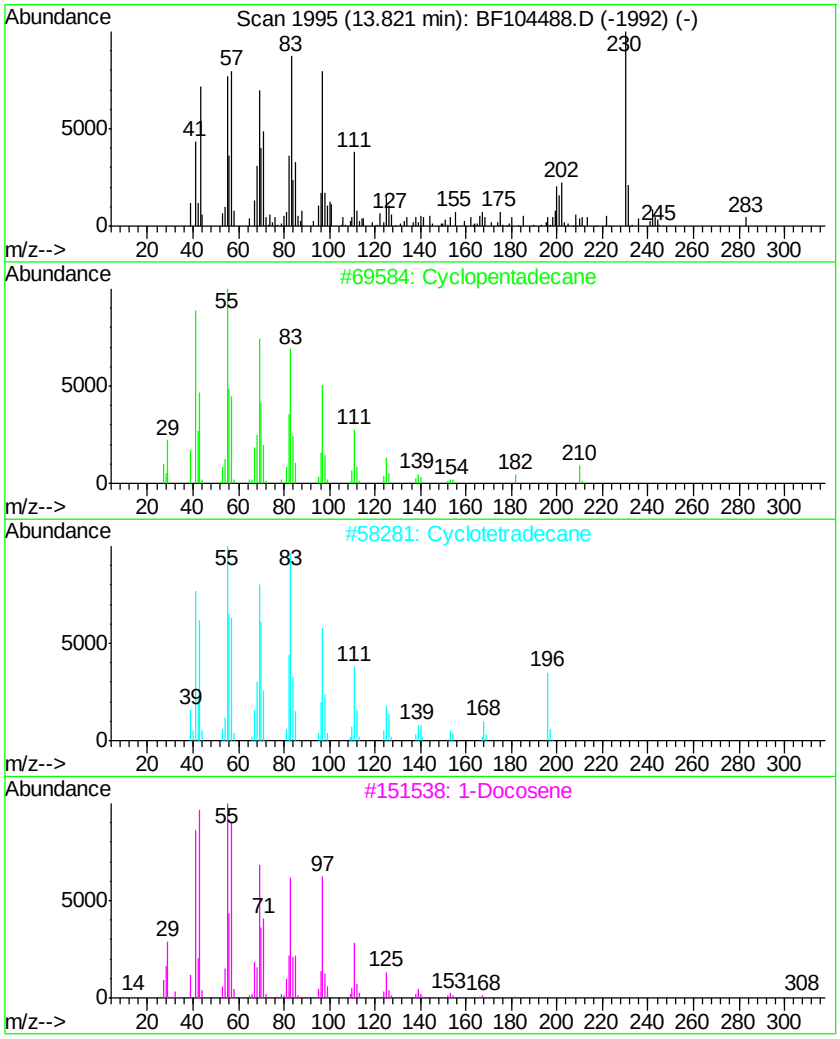
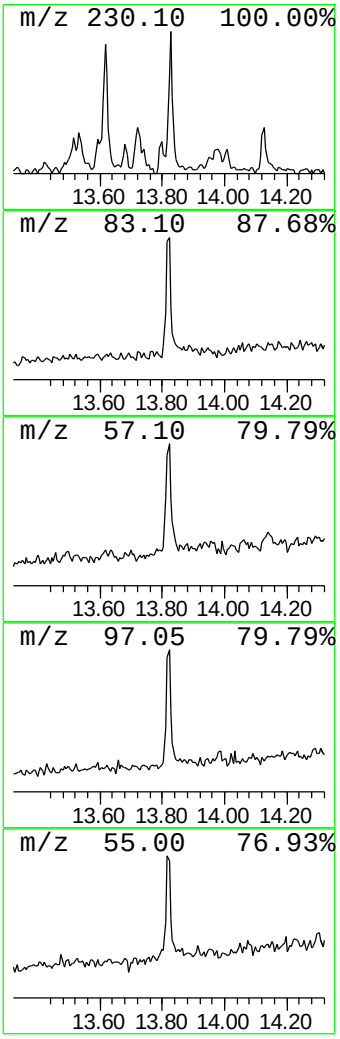
Peak Number 7 Cyclopentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.51 ng	133415	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	87
2	Cyclotetradecane	196	C14H28	000295-17-0	58
3	1-Docosene	308	C22H44	001599-67-3	58
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	58
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

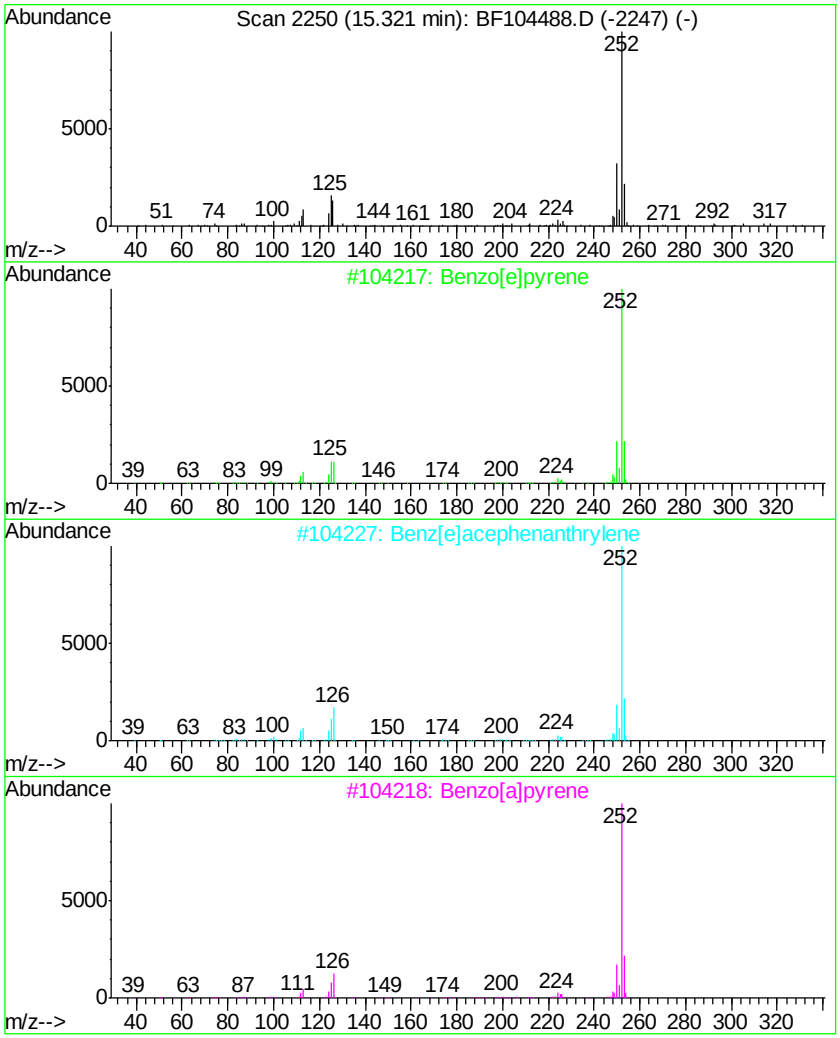
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

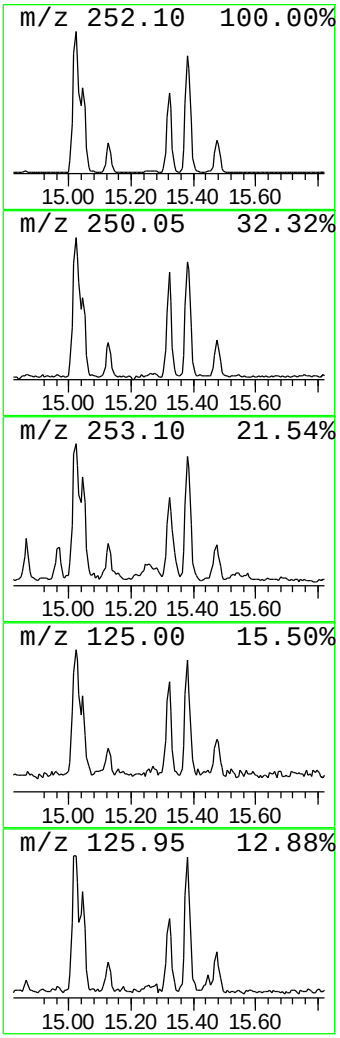
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	4.06 ng	130727	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.57	6.57	34.0	ng	1243250	1	6.81	730173	20.0
Naphthalene, 1-me...	8.90	2.6	ng	127364	2	8.09	975502	20.0
Naphthalene, 2,6-...	9.43	2.2	ng	108410	3	9.85	992323	20.0
Naphthalene, 1,5-...	9.50	2.9	ng	144682	3	9.85	992323	20.0
4H-Cyclopenta[def...	11.95	2.5	ng	113677	4	11.34	896826	20.0
Cyclopentadecane	13.82	2.5	ng	133415	5	13.99	1064680	20.0
Benzo[e]pyrene	15.32	4.1	ng	130727	6	15.44	643338	20.0