LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

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-BF022218.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	5.092	509	511	517	rBV	17021	24851	1.66%	0.108%
2	5.498	577	580	608	rBV	879970	1459318	97.55%	6.327%
3	6.510	749	752	771	rBV	1012928	1495914	100.00%	6.486%
4	6.645	771	775	782	rBV	1382637	1431801	95.71%	6.208%
5	6.869	810	813	826	rBV	891866	893177	59.71%	3.873%
6	7.028	836	840	852	rBV	1026882	1081049	72.27%	4.687%
7	7.433	906	909	920	rBV	782498	927991	62.04%	4.024%
8	8.157	1028	1032	1043	rBV	1155686	1205628	80.59%	5.227%
9	8.875	1151	1154	1160	rBV	23832	26829	1.79%	0.116%
10	8.969	1167	1170	1176	rBV	37948	40801	2.73%	0.177%
11	9.227	1210	1214	1223	rBV	1607216	1456482	97.36%	6.315%
12	9.298	1223	1226	1229	rVB2	32947	33745	2.26%	0.146%
13	9.333	1229	1232	1237	rBV4	16522	19327	1.29%	0.084%
14	9.498	1256	1260	1264	rBV4	22188	32057	2.14%	0.139%
15	9.569	1268	1272	1275	rVV2	39182	43956	2.94%	0.191%
16	9.622	1275	1281	1288	rVB3	83139	126958	8.49%	0.550%
17	9.686	1288	1292	1294	rBV2	16060	19774	1.32%	0.086%
18	9.774	1301	1307	1311	rBV2	64137	77729	5.20%	0.337%
19	9.827	1311	1316	1320	rVB	40583	46647	3.12%	0.202%
20	9.916	1327	1331	1334	rBV	1179426	1141298	76.29%	4.948%
21	9.945	1334	1336	1343	rVB	89814	92939	6.21%	0.403%
22	10.022	1343	1349	1351	rBV5	14417	23722	1.59%	0.103%
23	10.057	1352	1355	1358	rBV4	13981	17026	1.14%	0.074%
24	10.122	1362	1366	1368	rVB2	38647	43626	2.92%	0.189%
25	10.151	1368	1371	1375	rVB3	30866	37607	2.51%	0.163%
26	10.186	1375	1377	1381	rVB5	18498	17281	1.16%	0.075%
27	10.227	1381	1384	1387	rBV3	32671	42773	2.86%	0.185%
28	10.257	1387	1389	1394	rVB4	19948	27252	1.82%	0.118%
29	10.322	1394	1400	1404	rBV3	62693	91718	6.13%	0.398%
30	10.439	1417	1420	1421	rBV3	19324	18705	1.25%	0.081%
31	10.463	1421	1424	1431	rVB	78161	95249	6.37%	0.413%
32	10.545	1431	1438	1441	rBV3	56350	77108	5.15%	0.334%
33	10.621	1449	1451	1455	rVB3	24784	22097	1.48%	0.096%
34	10.710	1462	1466	1472	rBV	691447	704358	47.09%	3.054%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.810	1478	1483	1487	rBV2	60794	100803	6.74%	0.437%
36	11.016	1512	1518	1520	rBV4	41180	66035	4.41%	0.286%
37	11.045	1520	1523	1524	rBV	21900	16011	1.07%	0.069%
38	11.092	1529	1531	1534	rVB4	22992	21347	1.43%	0.093%
39	11.139	1534	1539	1541	rBV6	24622	37304	2.49%	0.162%
40	11.251	1555	1558	1560	rBV	53919	50474	3.37%	0.219%
41	11.280	1560	1563	1565	rVV2	38563	44362	2.97%	0.192%
42	11.304	1565	1567	1569	rVB	47170	37408	2.50%	0.162%
43	11.410	1581	1585	1587	rBV	1125597	1051591	70.30%	4.560%
44	11.433	1587	1589	1593	rVV	731107	591746	39.56%	2.566%
45	11.486	1595	1598	1602	rVV	190489	159705	10.68%	0.692%
46	11.651	1623	1626	1628	rVV3	25573	25656	1.72%	0.111%
47	11.674	1628	1630	1632	rVB	36635	23505	1.57%	0.102%
48	11.739	1639	1641	1645	rBV3	33357	36614	2.45%	0.159%
49	11.780	1645	1648	1650	rVB2	26314	24519	1.64%	0.106%
50	11.921	1667	1672	1681	rBV2	743668	1136802	75.99%	4.929%
51	11.986	1681	1683	1686	rVB	49716	44560	2.98%	0.193%
52	12.027	1686	1690	1692	rBV2	166169	177393	11.86%	0.769%
53	12.086	1697	1700	1703	rBV3	35166	32795	2.19%	0.142%
54	12.204	1717	1720	1723	rBV	70051	67757	4.53%	0.294%
55	12.239	1723	1726	1731	rVB2	85498	94621	6.33%	0.410%
56	12.386	1749	1751	1753	rBV	38158	28025	1.87%	0.122%
57	12.433	1757	1759	1761	rBV3	25487	28279	1.89%	0.123%
58	12.463	1761	1764	1766	rBV	83016	88524	5.92%	0.384%
59	12.574	1776	1783	1787	rBV4	69379	156932	10.49%	0.680%
60	12.627	1788	1792	1796	rBV	956093	964089	64.45%	4.180%
61	12.710	1802	1806	1815	rBV	783618	954177	63.79%	4.137%
62	12.863	1825	1832	1837	rVB	747408	893334	59.72%	3.873%
63	12.992	1850	1854	1857	rVB	1095451	946402	63.27%	4.103%
64	13.186	1885	1887	1893	rVB2	142971	147580	9.87%	0.640%
65	13.257	1896	1899	1901	rVB	81958	72011	4.81%	0.312%
66	13.874	2001	2004	2009	rBV4	192080	221770	14.83%	0.962%
67	14.062	2032	2036	2039	rBV2	748381	982497	65.68%	4.260%
68	14.092	2039	2041	2044	rVB	291984	225672	15.09%	0.978%
69	15.133	2215	2218	2220	rBV	172236	219389	14.67%	0.951%
70	15.580	2290	2294	2297	rBV	338088	397251	26.56%	1.722%

LSC Area Percent Report

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Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 23063733

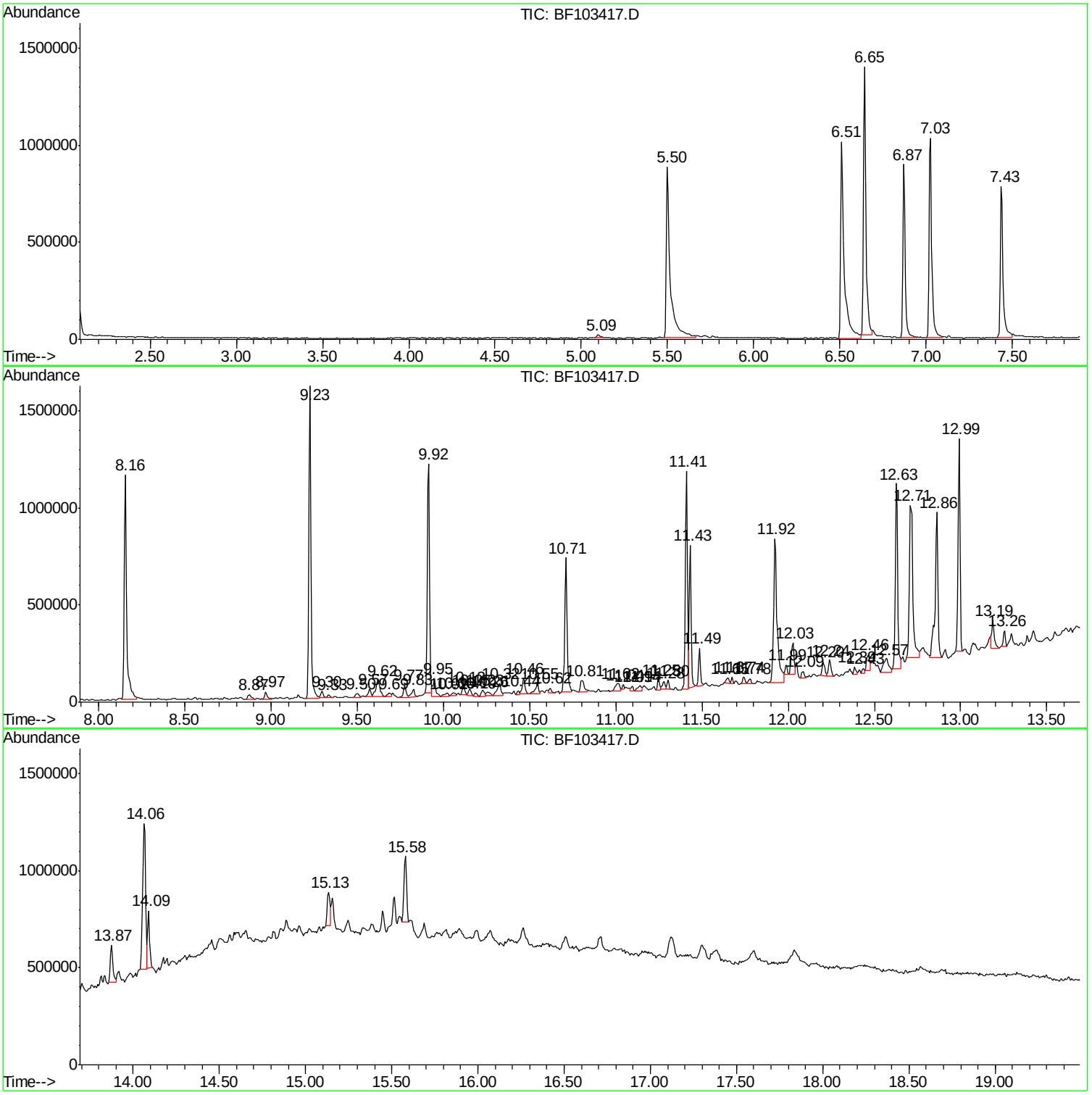
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

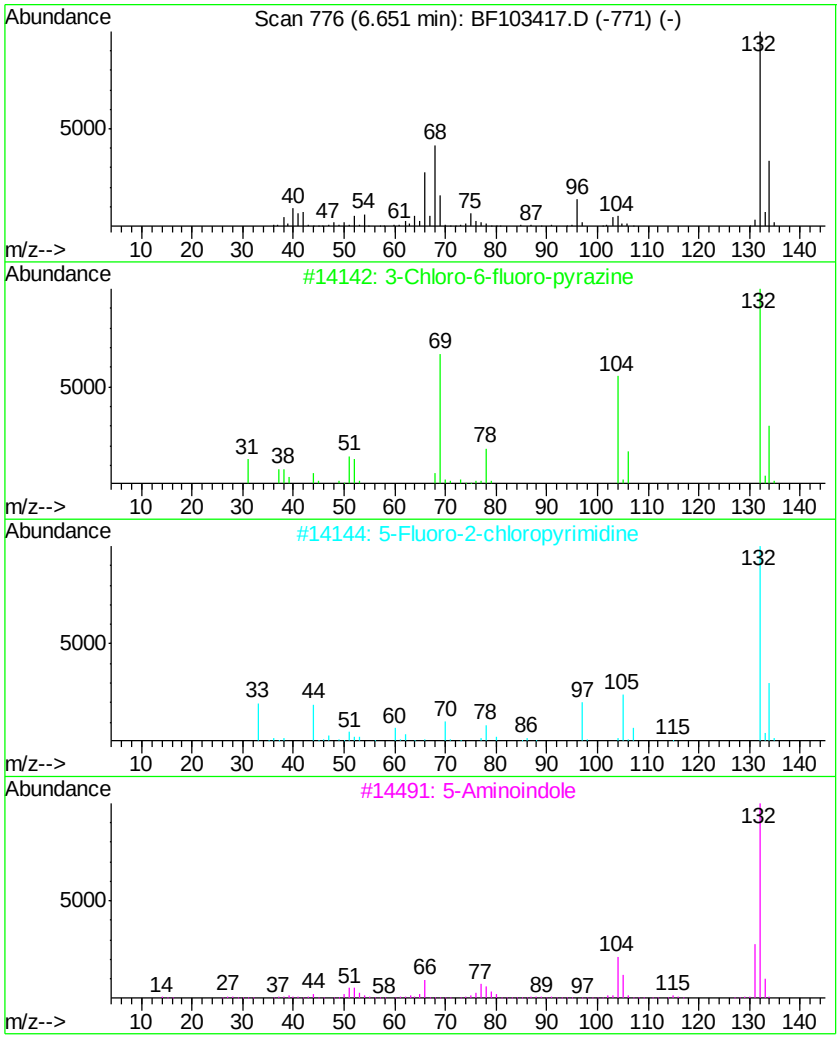
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

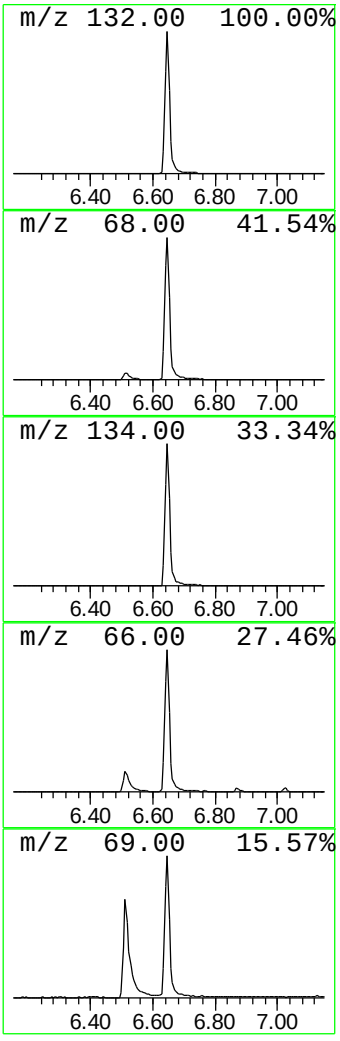
****

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	32.06 ng	1431800	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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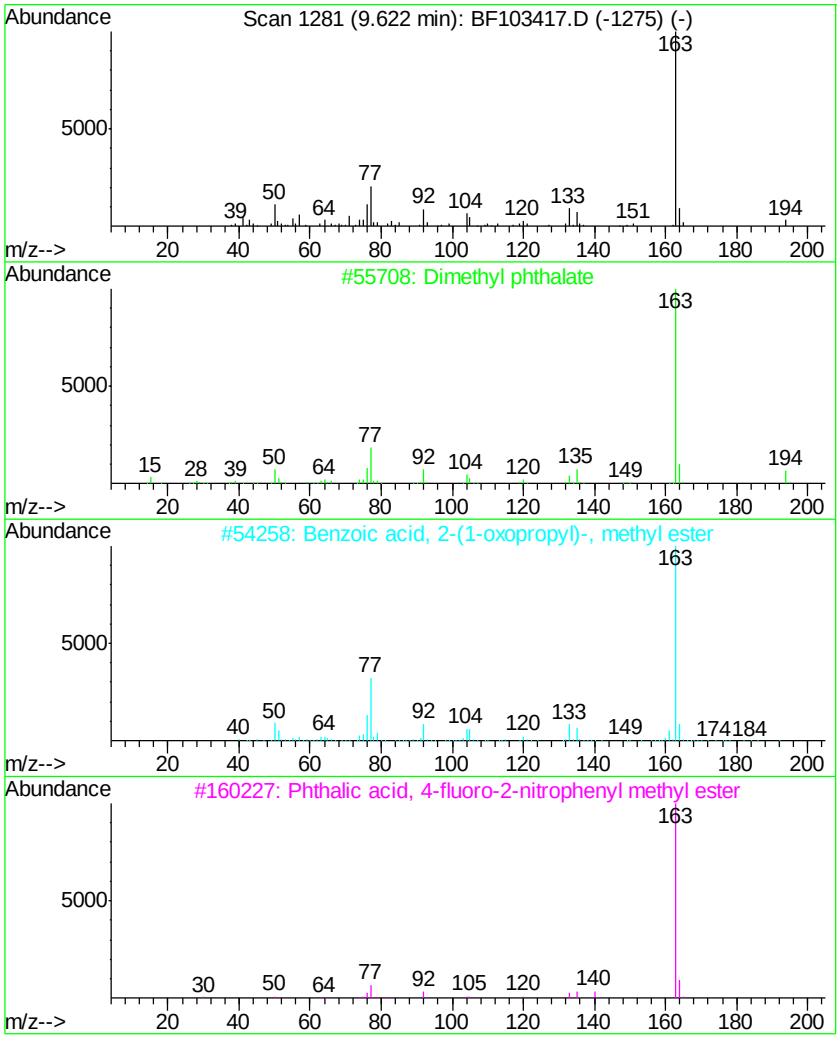
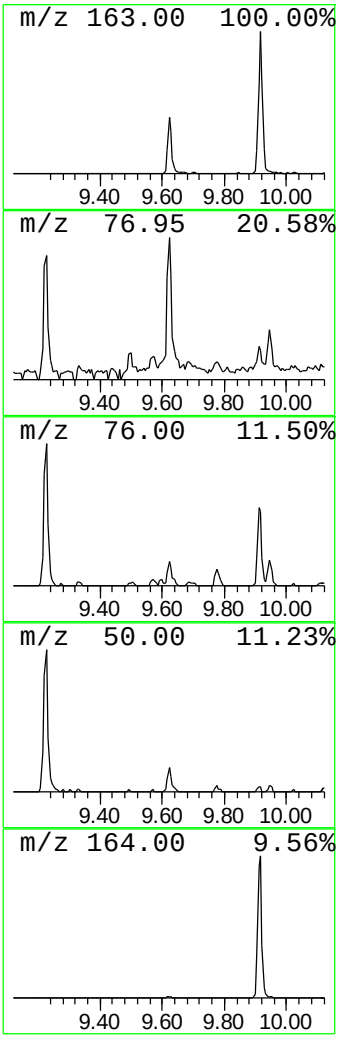
Peak Number 3 Dimethyl phthalate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.22 ng	126958	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	83
3	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	78
4	Phthalic acid, 2-cyclohexylethyl...	290	C17H22O4	1000309-03-4	64
5	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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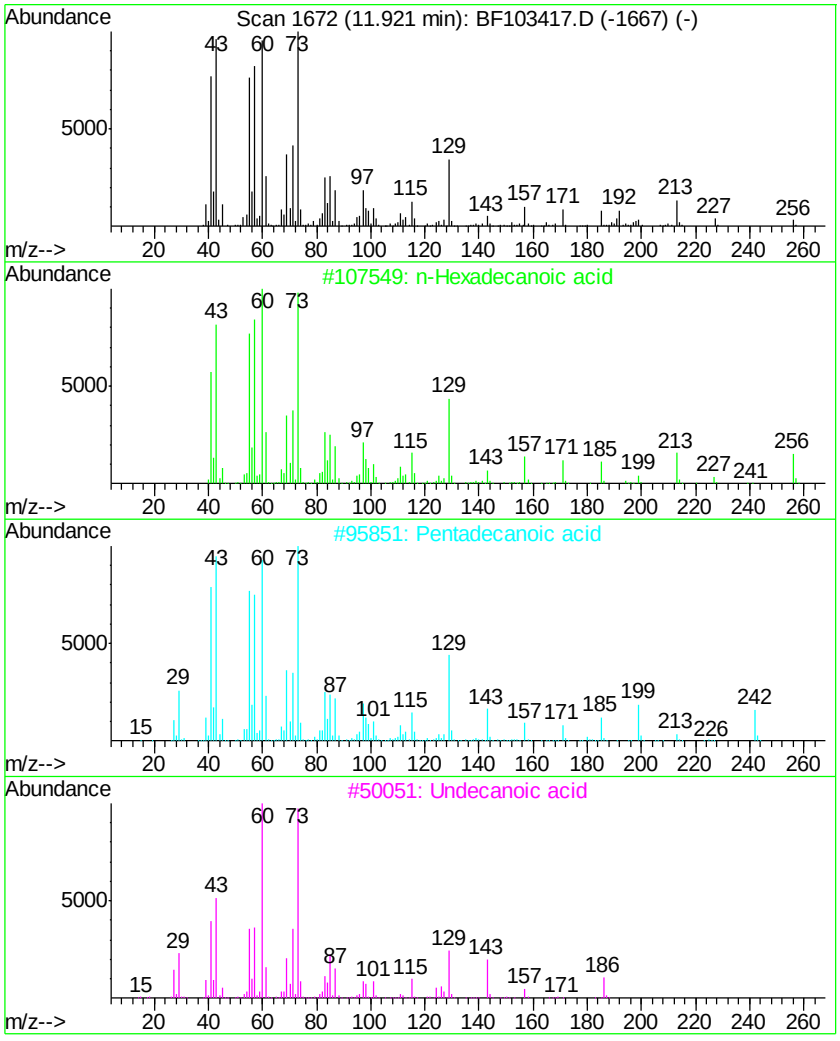
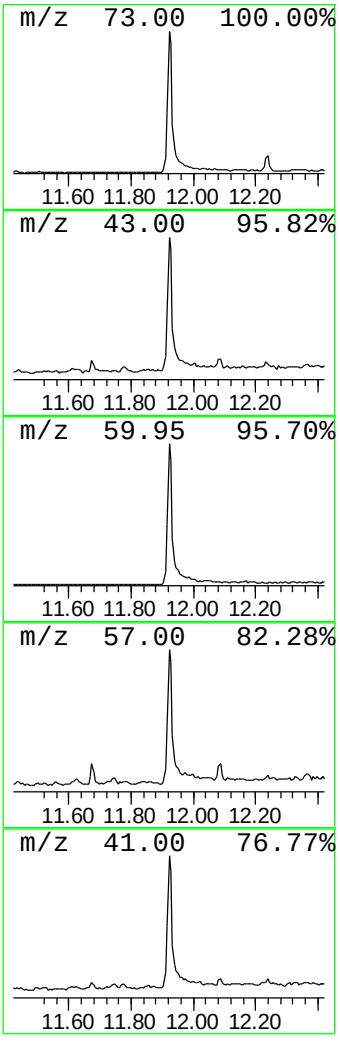
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	21.62 ng	1136800	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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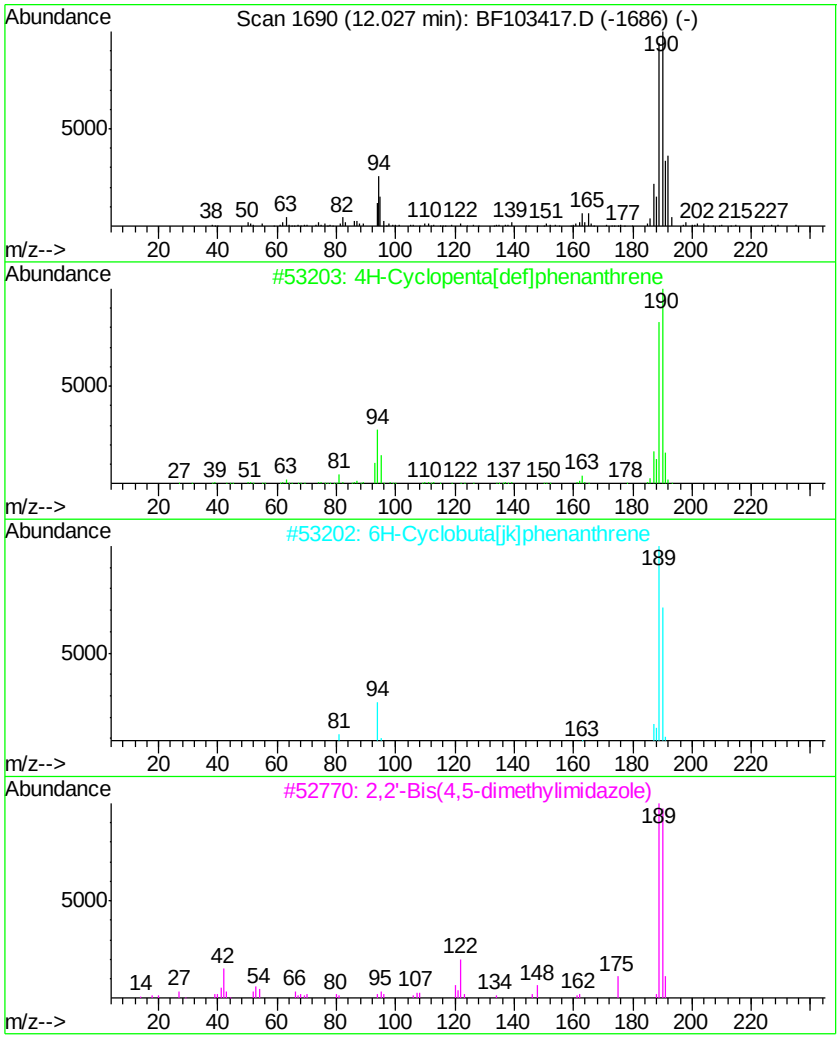
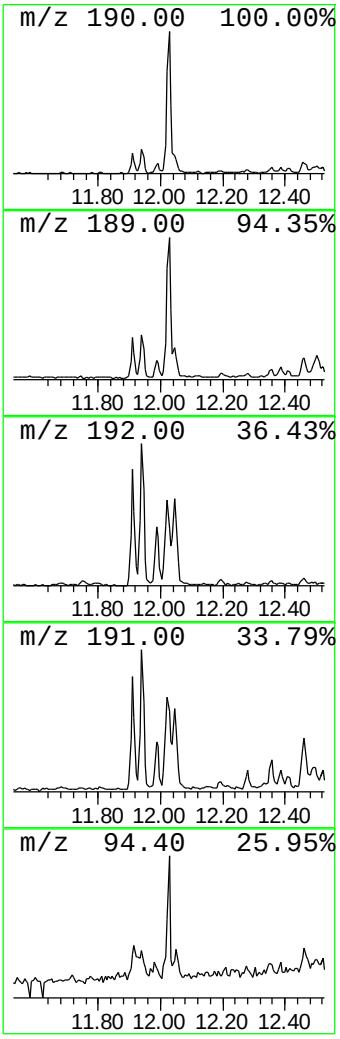
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.37 ng	177393	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	52
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

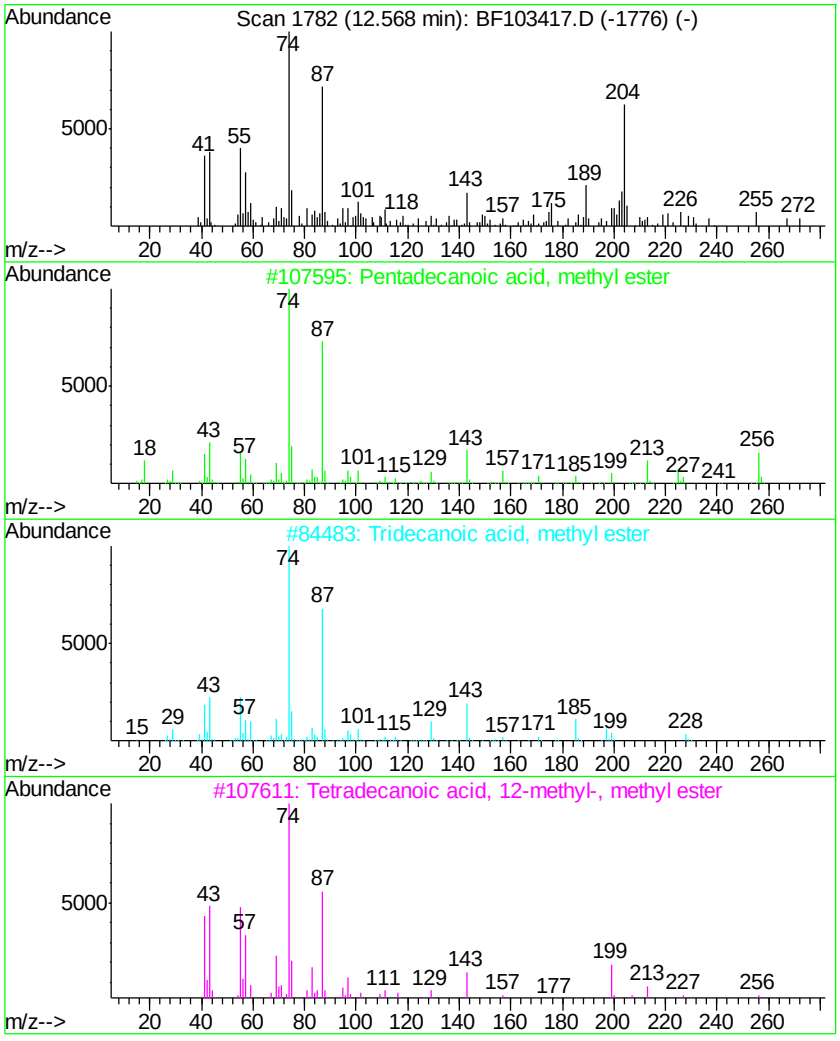
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

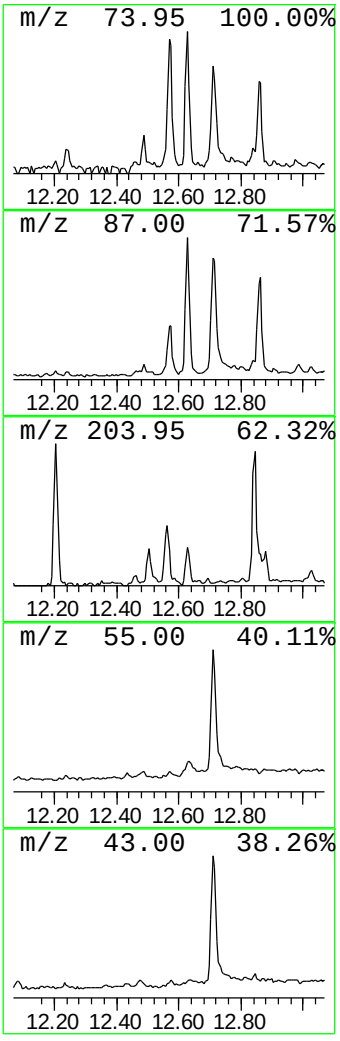
****

Peak Number 6 Pentadecanoic acid, methyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.98 ng	156932	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	70
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	70
3	Tetradecanoic acid, 12-methyl-, ...	256	C16H32O2	005129-66-8	70
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	70
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	62





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Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

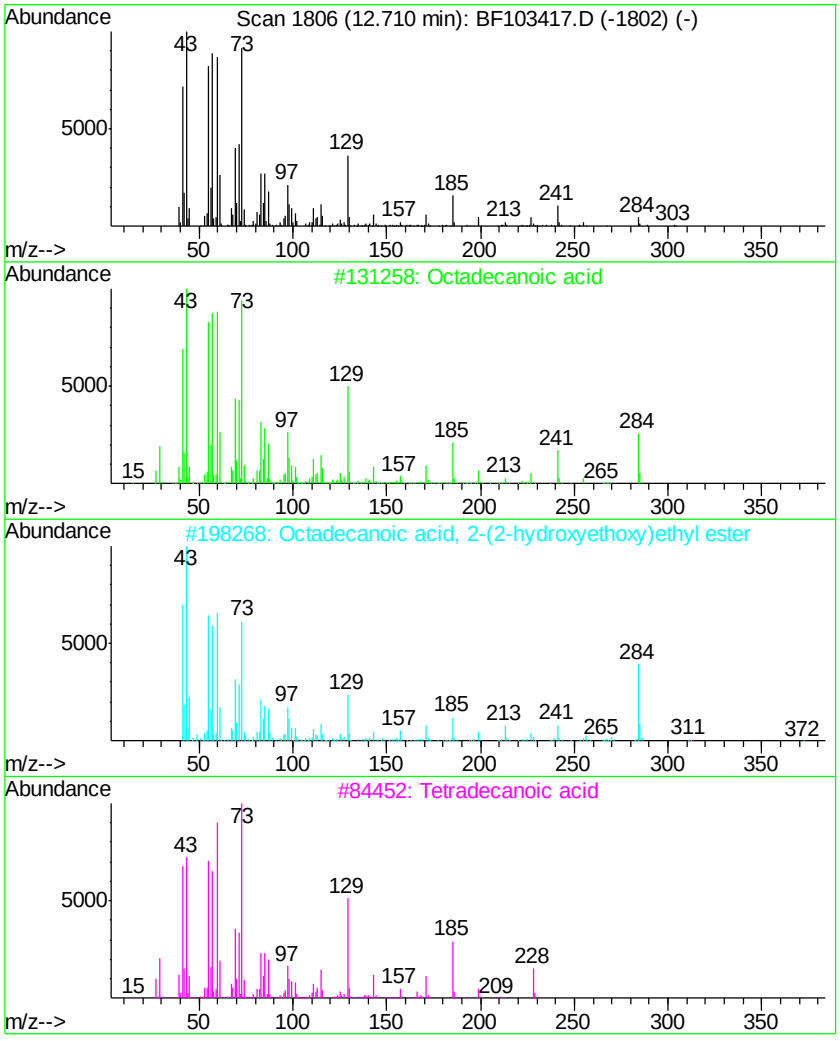
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

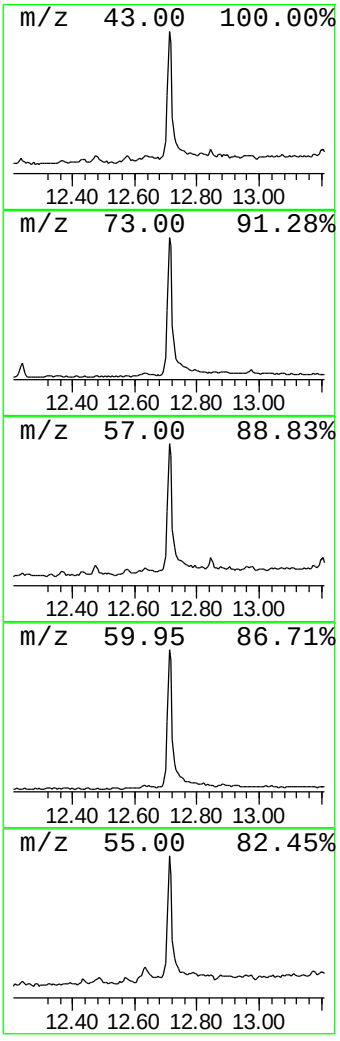
****

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	18.15 ng	954177	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

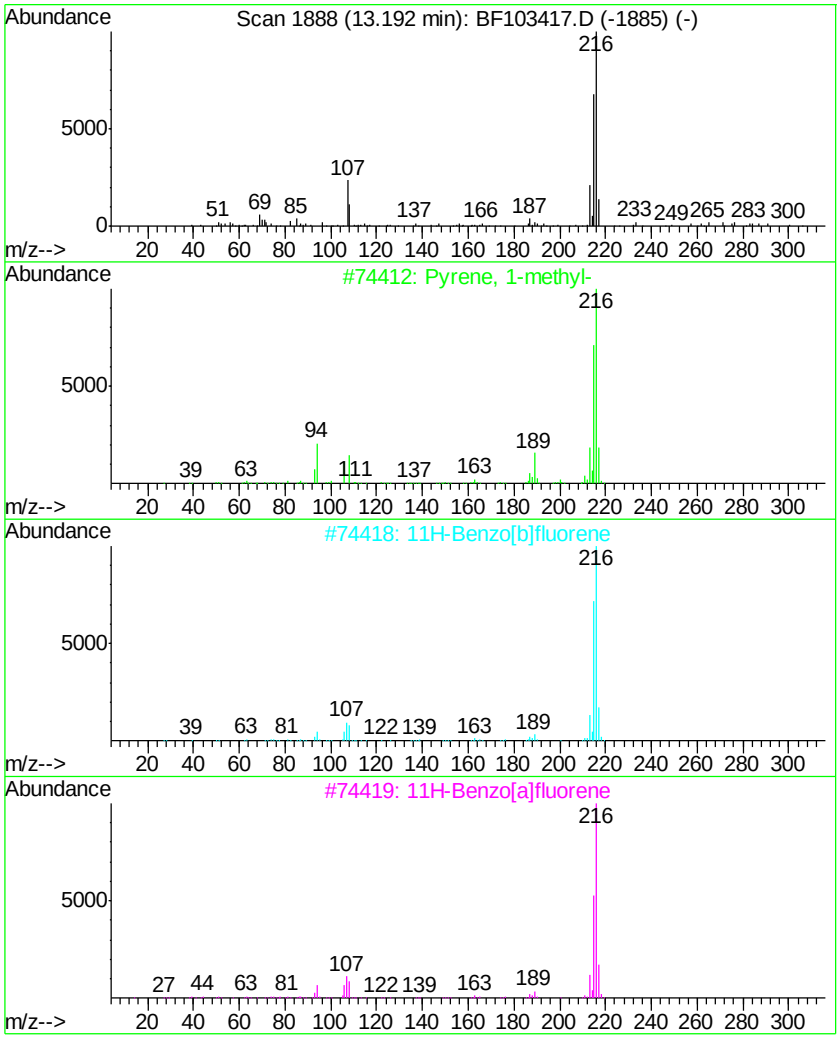
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

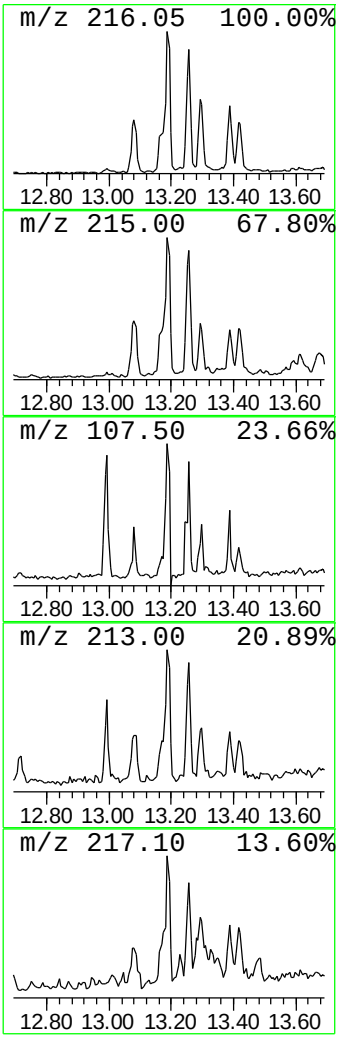
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.00 ng	147580	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	52





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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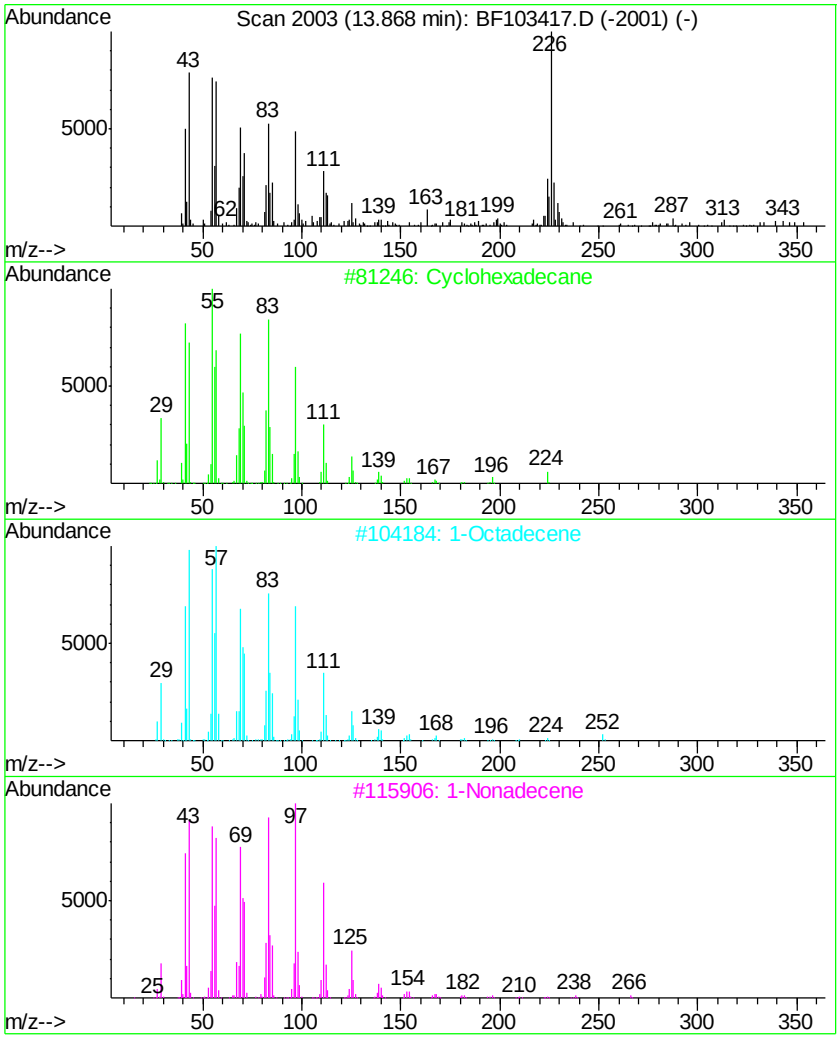
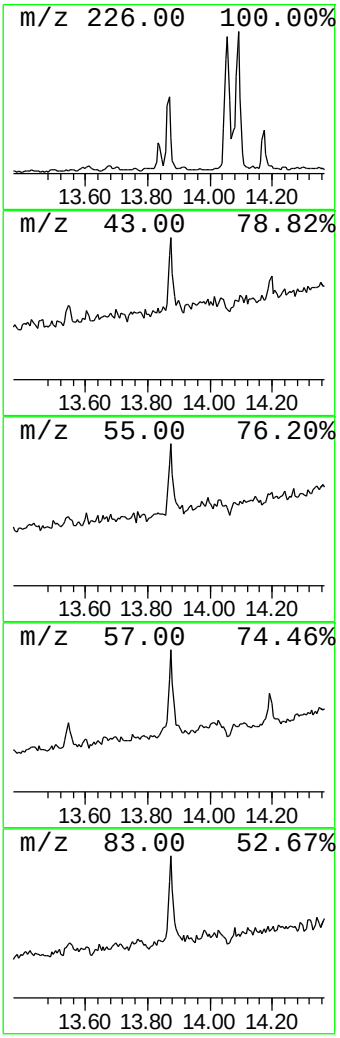
Peak Number 9 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.51 ng	221770	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	1-Octadecene	252	C18H36	000112-88-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	Cycloeicosane	280	C20H40	000296-56-0	84
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	78





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030518\
Data File : BF103417.D
Acq On : 5 Mar 2018 19:10
Operator : SJ/JU
Sample : J1756-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-030118-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.65	6.65	32.1	ng	1431800	1	6.87	893177	20.0
Dimethyl phthalate	9.62	2.2	ng	126958	3	9.92	1141300	20.0
n-Hexadecanoic acid	11.92	21.6	ng	1136800	4	11.41	1051590	20.0
4H-Cyclopenta[def...	12.03	3.4	ng	177393	4	11.41	1051590	20.0
Pentadecanoic aci...	12.57	3.0	ng	156932	4	11.41	1051590	20.0
Octadecanoic acid	12.71	18.1	ng	954177	4	11.41	1051590	20.0
Pyrene, 1-methyl-	13.19	3.0	ng	147580	5	14.07	982497	20.0
Cyclohexadecane	13.87	4.5	ng	221770	5	14.07	982497	20.0