LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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	2.140	4	9	20	rVB	235174	314926	8.09%	0.827%
2	5.110	511	514	525	rBV	58115	99118	2.55%	0.260%
3	5.498	576	580	614	rBV	2681838	3768066	96.79%	9.893%
4	6.510	748	752	771	rBV	2591390	3892884	100.00%	10.220%
5	6.645	771	775	798	rVB	3231040	3592842	92.29%	9.433%
6	6.869	809	813	828	rBV	1047208	1126294	28.93%	2.957%
7	7.028	836	840	856	rBV	2374228	2651844	68.12%	6.962%
8	7.439	906	910	927	rBV	2071951	2472429	63.51%	6.491%
9	8.151	1028	1031	1052	rBV	1133783	1499931	38.53%	3.938%
10	9.228	1210	1214	1222	rBV	3180491	3075049	78.99%	8.073%
11	9.292	1222	1225	1229	rVB	78566	77824	2.00%	0.204%
12	9.622	1275	1281	1287	rBV	194994	257516	6.62%	0.676%
13	9.775	1303	1307	1311	rBV	30572	45669	1.17%	0.120%
14	9.822	1311	1315	1319	rVV	160312	131454	3.38%	0.345%
15	9.910	1326	1330	1334	rBV2	1492161	1412929	36.30%	3.710%
16	10.116	1362	1365	1368	rBV2	32277	50460	1.30%	0.132%
17	10.145	1368	1370	1374	rVB2	36028	50150	1.29%	0.132%
18	10.322	1393	1400	1404	rVV	208882	180244	4.63%	0.473%
19	10.463	1421	1424	1429	rVB	34584	47191	1.21%	0.124%
20	10.545	1433	1438	1440	rBV2	57314	76930	1.98%	0.202%
21	10.710	1461	1466	1478	rBV	1225139	1526744	39.22%	4.008%
22	10.798	1478	1481	1492	rVB	148714	206821	5.31%	0.543%
23	10.945	1503	1506	1509	rBV	39944	43574	1.12%	0.114%
24	11.245	1555	1557	1560	rBV2	82455	75702	1.94%	0.199%
25	11.404	1580	1584	1587	rBV	1214754	1263716	32.46%	3.318%
26	11.427	1587	1588	1595	rVV	423237	390933	10.04%	1.026%
27	11.486	1595	1598	1602	rVB	94790	95325	2.45%	0.250%
28	11.651	1619	1626	1628	rBV2	58885	91806	2.36%	0.241%
29	11.922	1667	1672	1681	rBV2	787217	1091680	28.04%	2.866%
30	11.986	1681	1683	1686	rVB	41392	39777	1.02%	0.104%
31	12.022	1686	1689	1692	rBV	120428	134132	3.45%	0.352%
32	12.204	1717	1720	1723	rBV	53531	50602	1.30%	0.133%
33	12.233	1723	1725	1730	rVB3	52789	76759	1.97%	0.202%
34	12.457	1760	1763	1767	rBV2	64279	93264	2.40%	0.245%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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	12.627	1788	1792	1800	rBV	787231	857384	22.02%	2.251%
36	12.704	1802	1805	1814	rVV	500334	612591	15.74%	1.608%
37	12.857	1825	1831	1837	rBV	714084	920200	23.64%	2.416%
38	12.992	1849	1854	1857	rBV	2049160	1954141	50.20%	5.130%
39	13.069	1864	1867	1868	rBV	39705	41131	1.06%	0.108%
40	13.251	1896	1898	1901	rBV2	48160	45970	1.18%	0.121%
41	13.292	1903	1905	1908	rVB2	55360	46167	1.19%	0.121%
42	13.421	1924	1927	1929	rVB2	49443	47438	1.22%	0.125%
43	13.545	1944	1948	1950	rBV2	100860	111487	2.86%	0.293%
44	13.810	1991	1993	1995	rBV	67874	61120	1.57%	0.160%
45	13.868	2000	2003	2008	rVV3	290350	335429	8.62%	0.881%
46	14.010	2025	2027	2029	rVB	93062	59775	1.54%	0.157%
47	14.063	2031	2036	2039	rVV2	983275	1259404	32.35%	3.306%
48	14.086	2039	2040	2046	rVB	308293	245189	6.30%	0.644%
49	14.174	2052	2055	2056	rBV	60554	68865	1.77%	0.181%
50	14.192	2056	2058	2060	rVB	96649	79901	2.05%	0.210%
51	14.498	2108	2110	2117	rVB2	99672	105927	2.72%	0.278%
52	15.127	2214	2217	2220	rBV	205129	341427	8.77%	0.896%
53	15.445	2268	2271	2274	rVB	127627	139973	3.60%	0.367%
54	15.510	2279	2282	2285	rBV	174125	194633	5.00%	0.511%
55	15.574	2289	2293	2297	rVB	463042	556396	14.29%	1.461%

Sum of corrected areas: 38089133

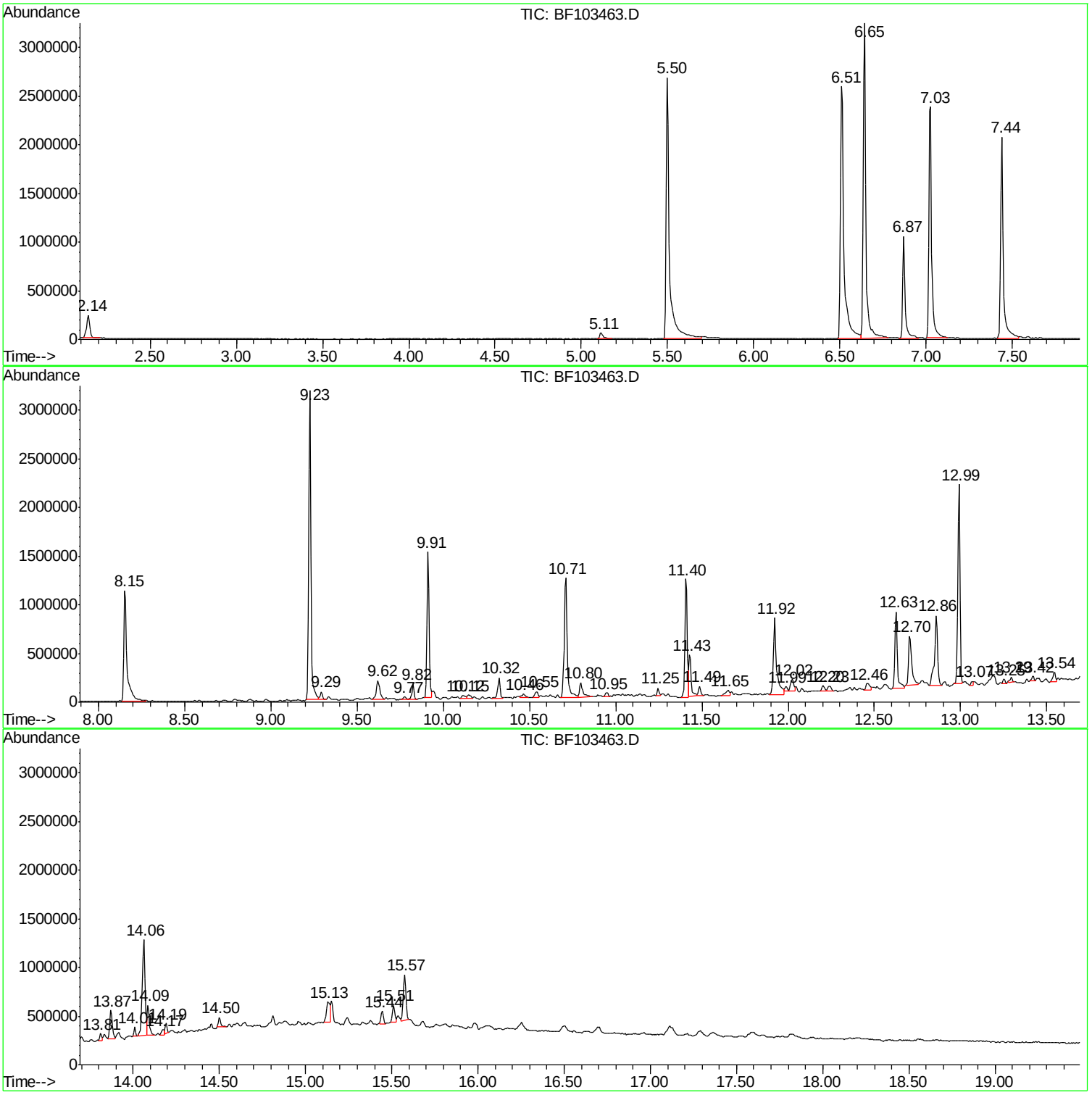
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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

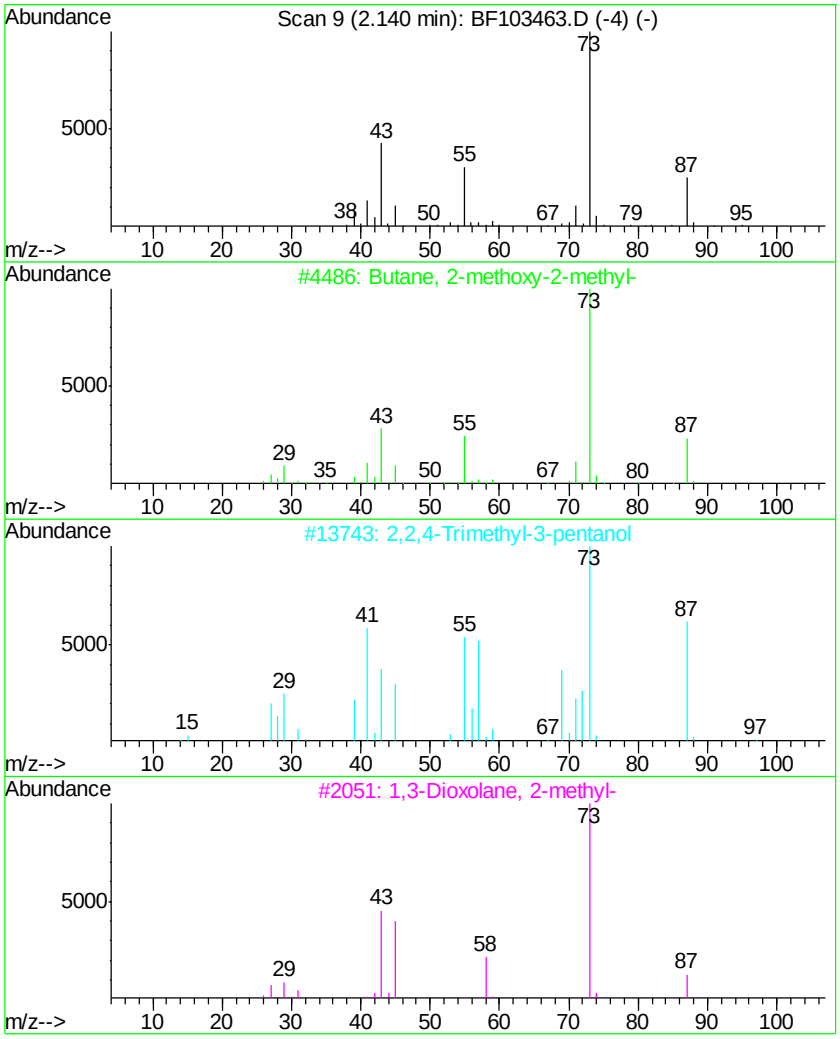
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

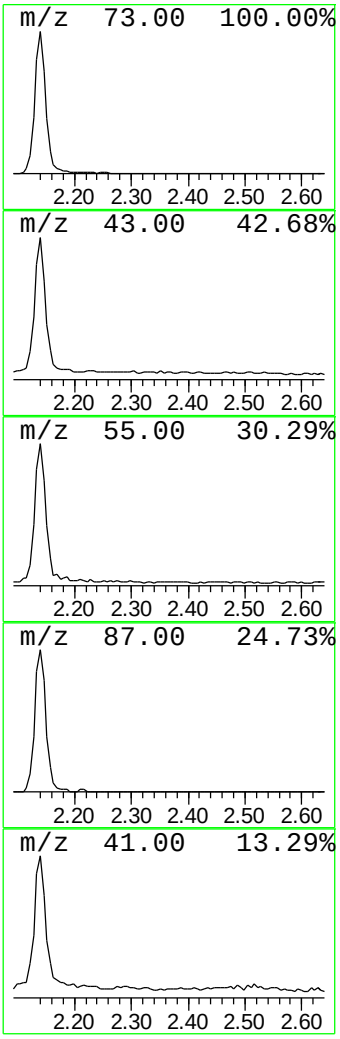
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	5.59 ng	314926	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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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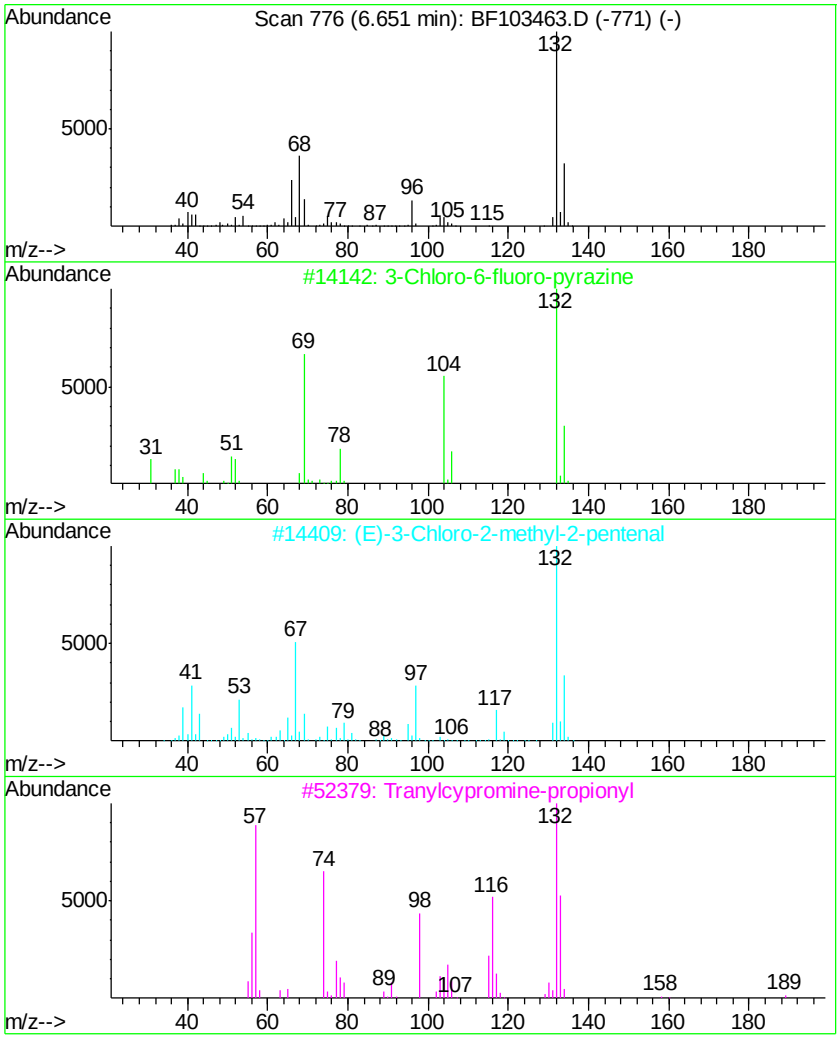
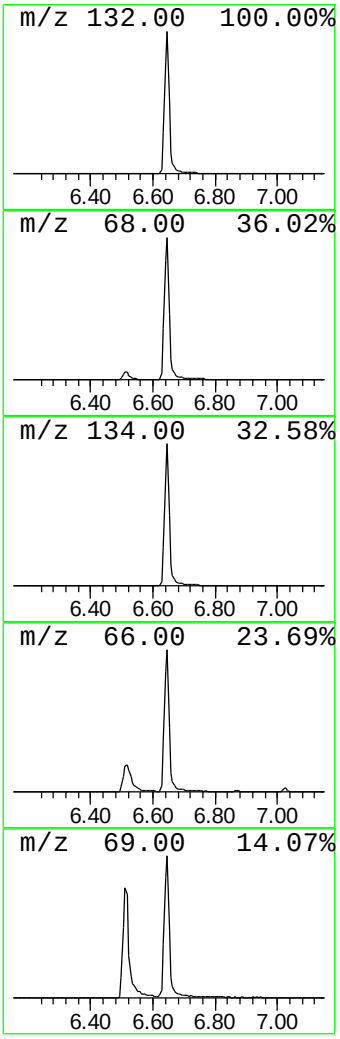
Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	63.80 ng	3592840	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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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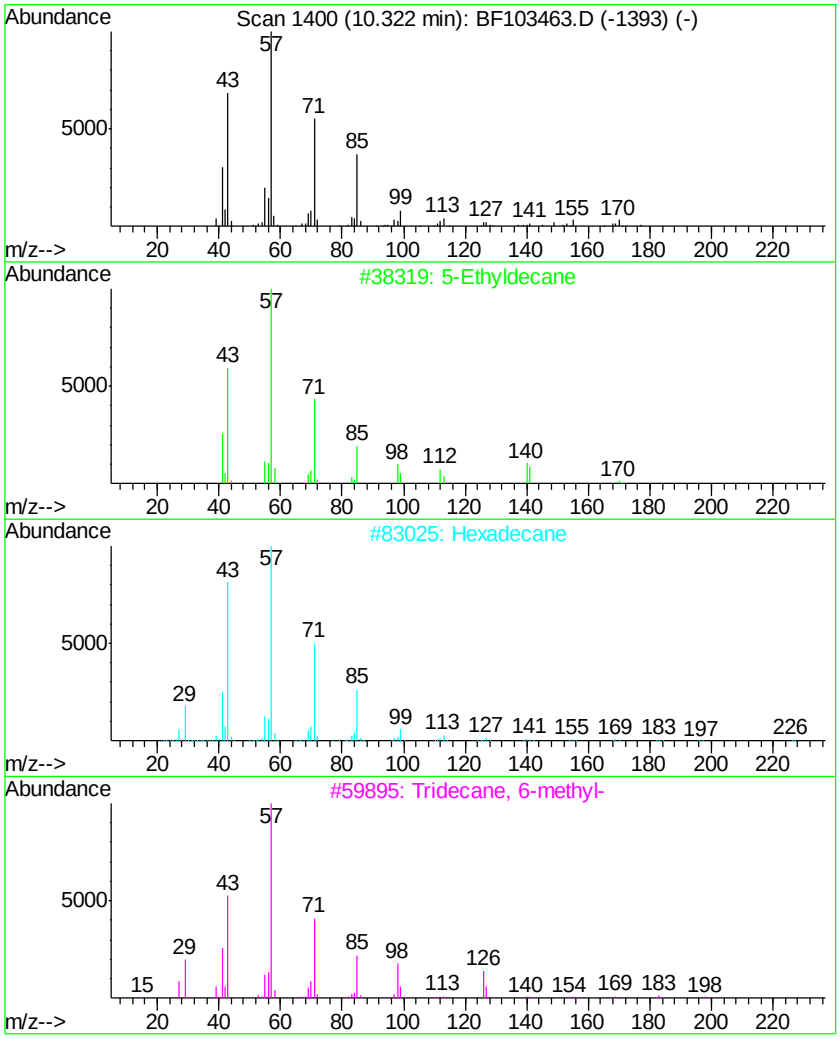
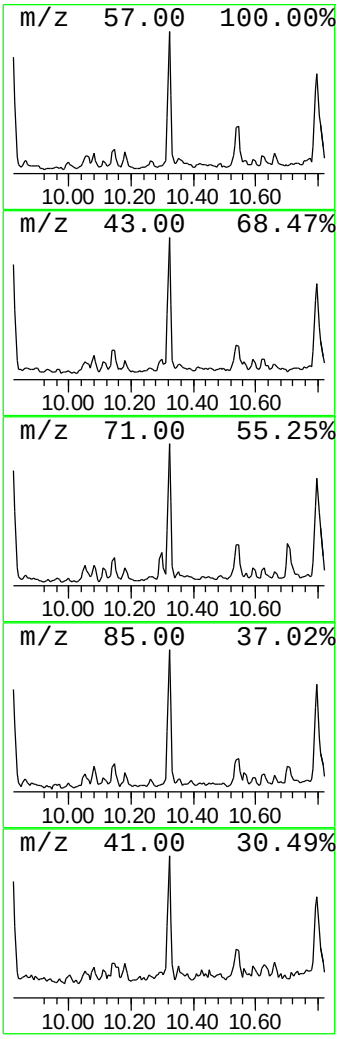
Peak Number 4 5-Ethyldecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.55 ng	180244	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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

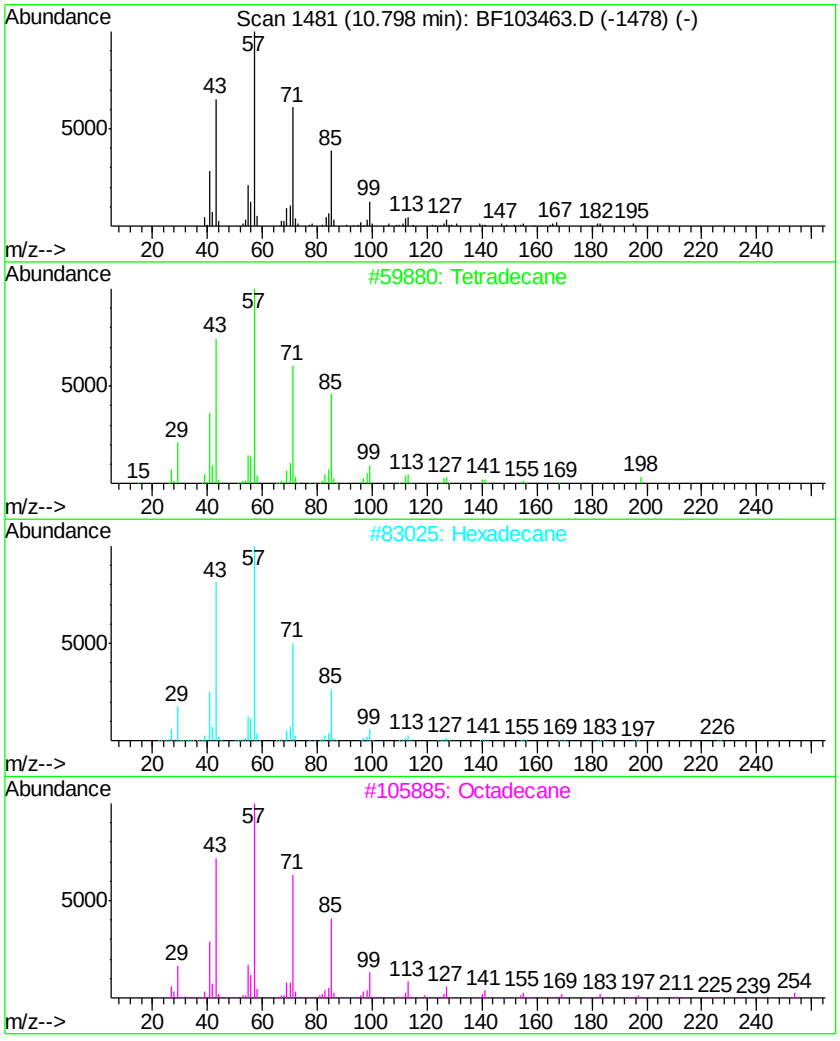
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

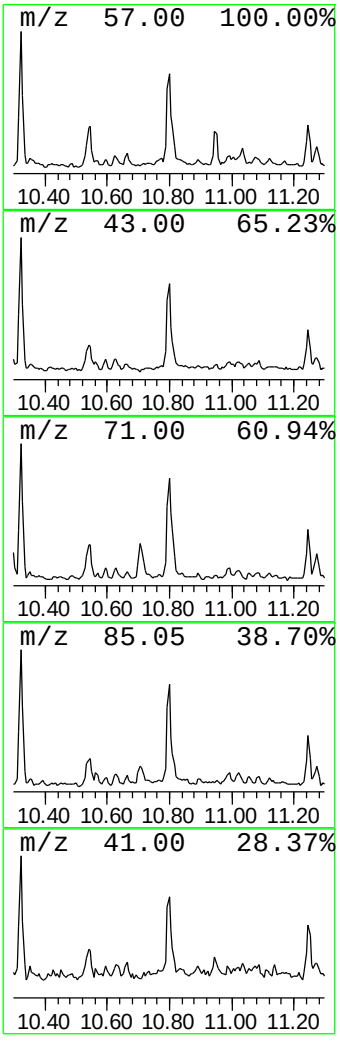
****

Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.27 ng	206821	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane	254	C18H38	000593-45-3	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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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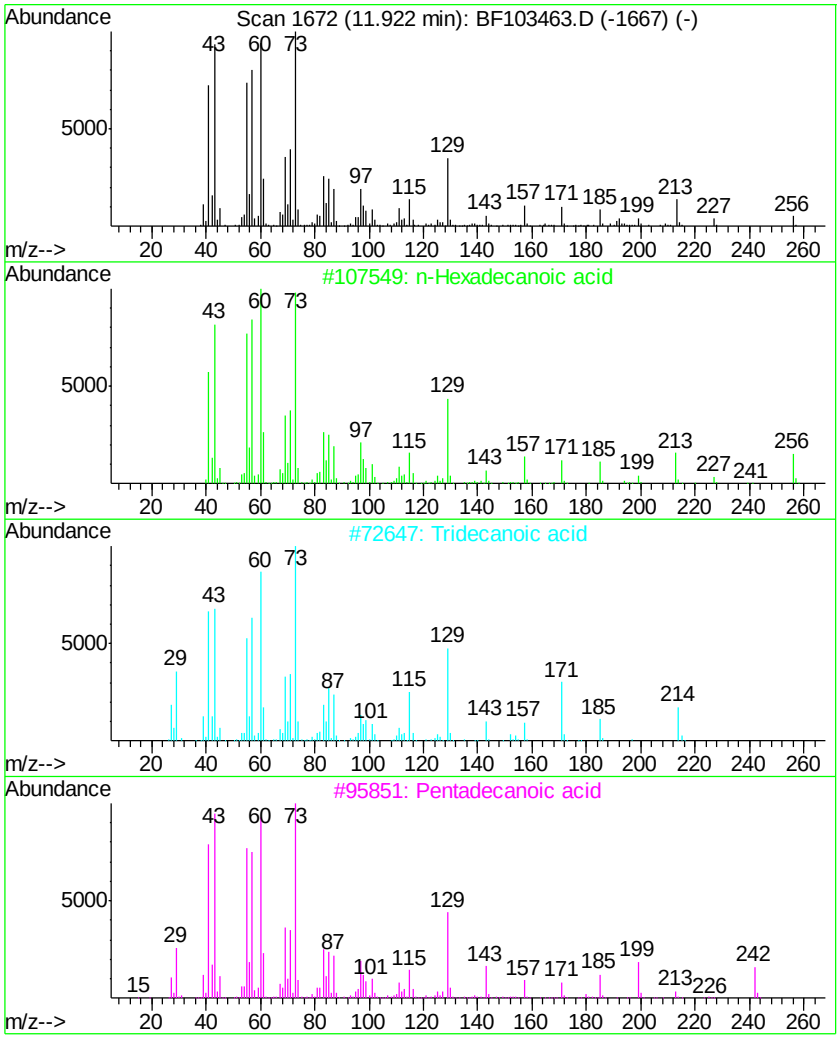
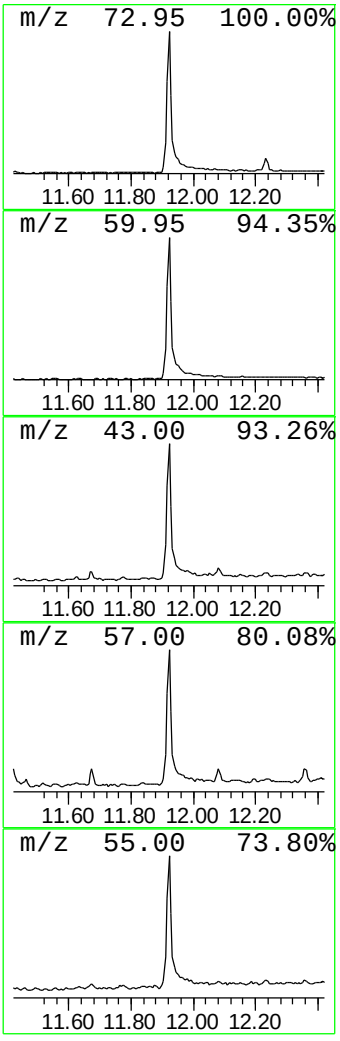
Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	17.28 ng	1091680	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





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Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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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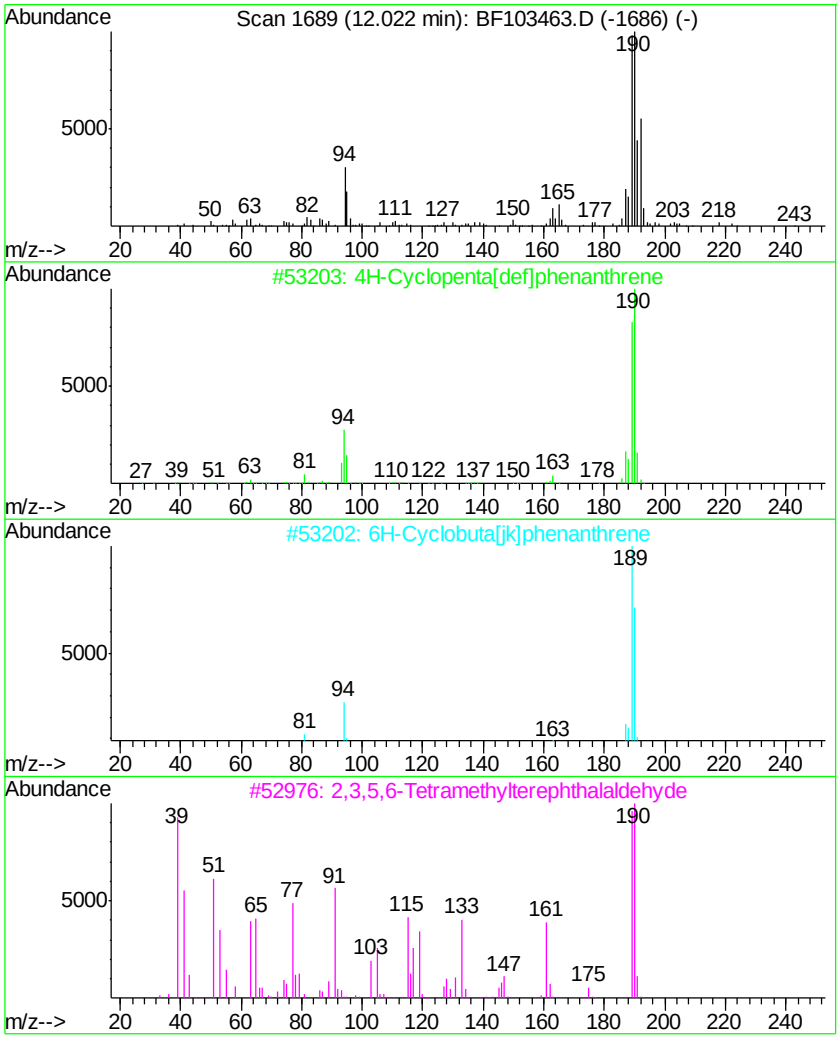
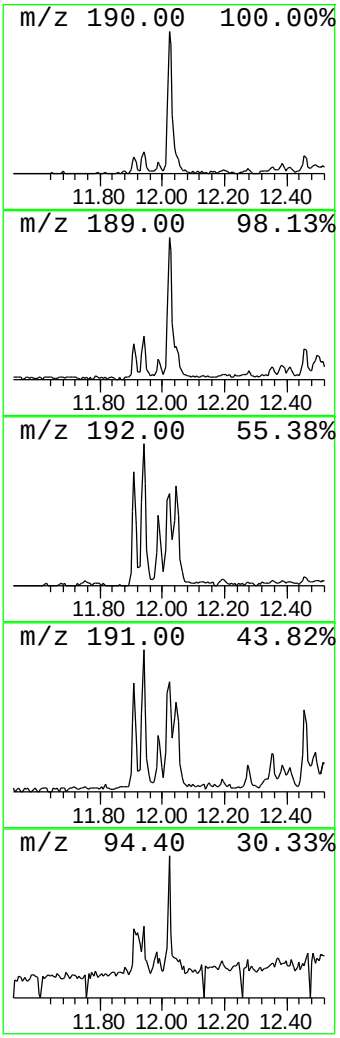
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.12 ng	134132	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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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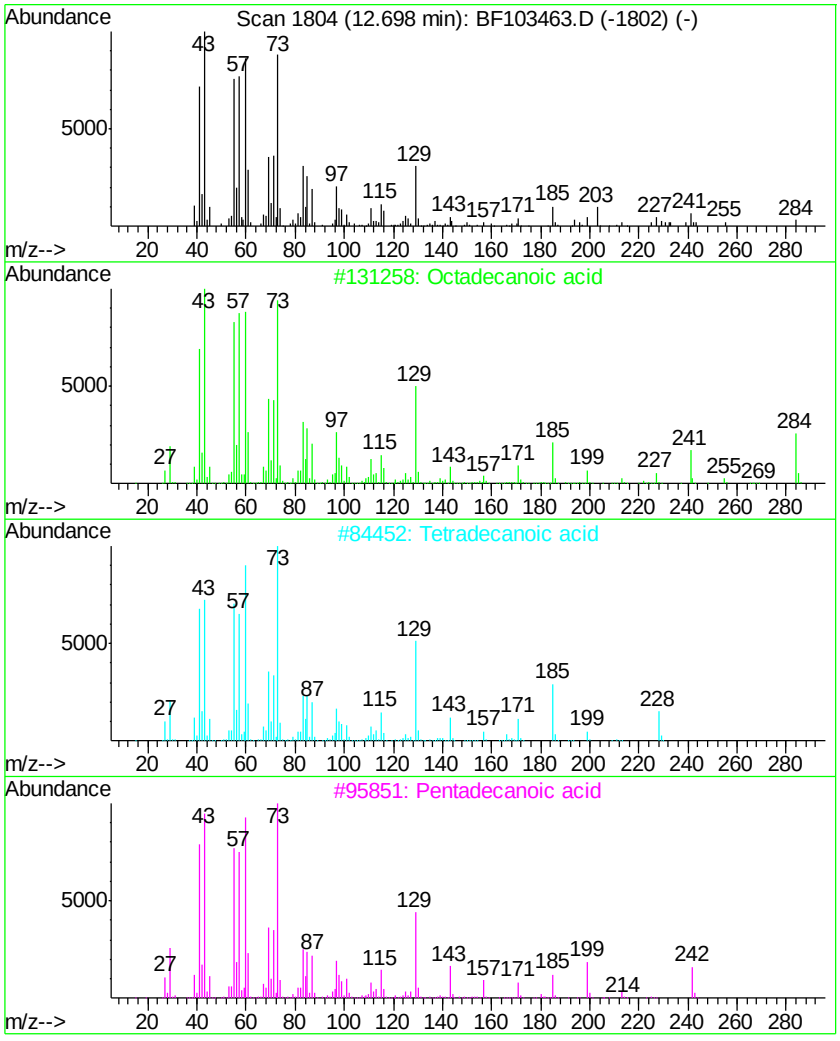
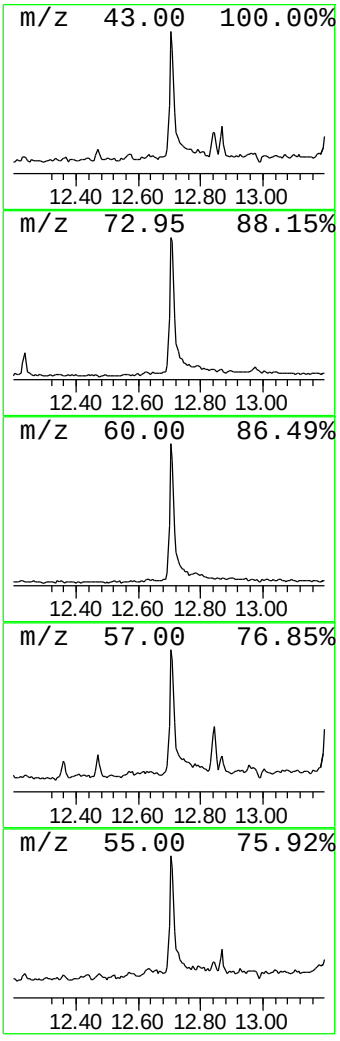
Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	9.70 ng	612591	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





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Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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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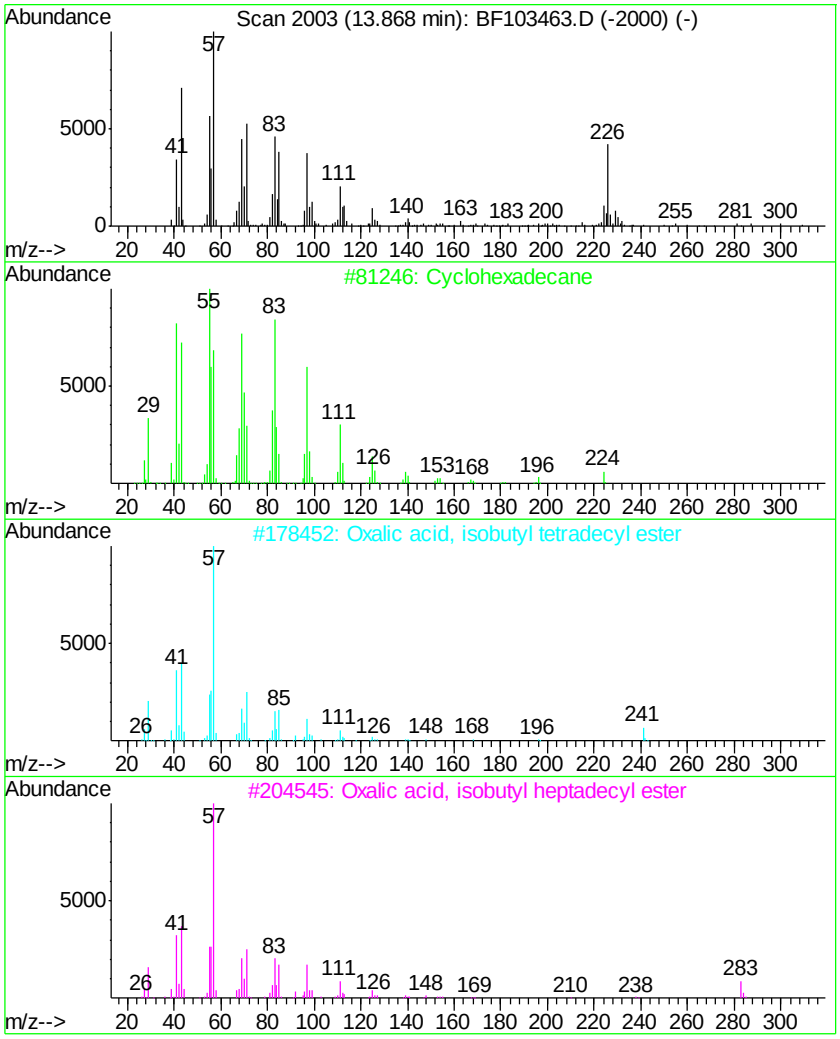
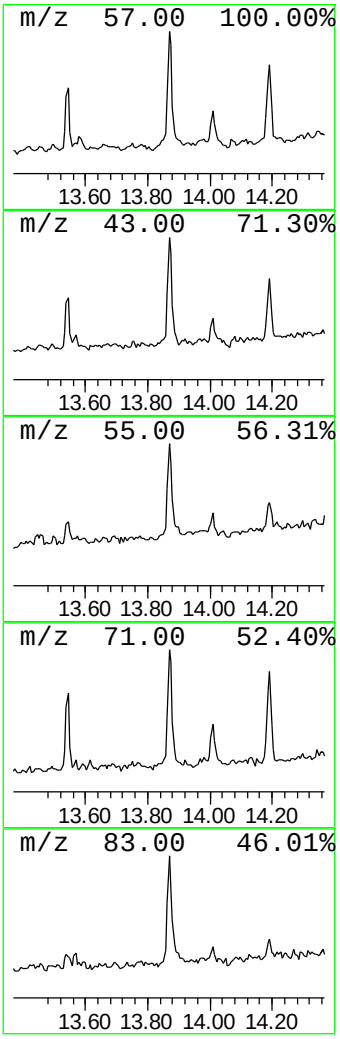
Peak Number 9 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.33 ng	335429	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	76
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	68
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	68
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	68





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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

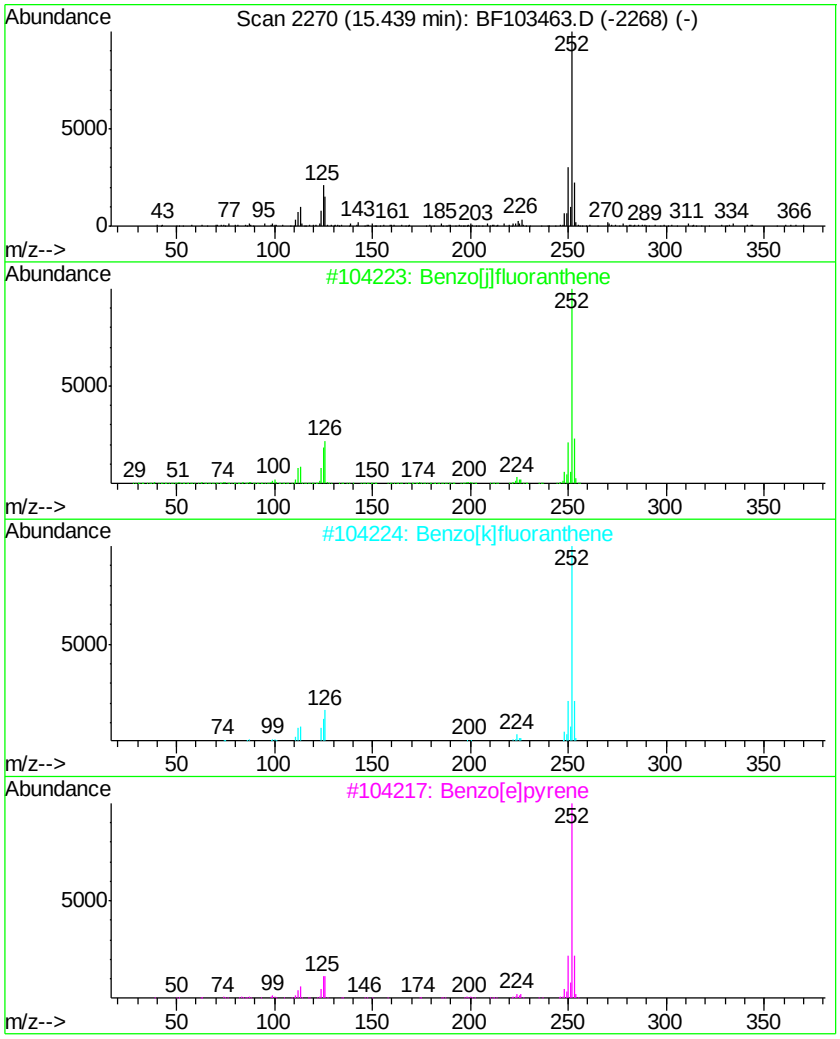
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

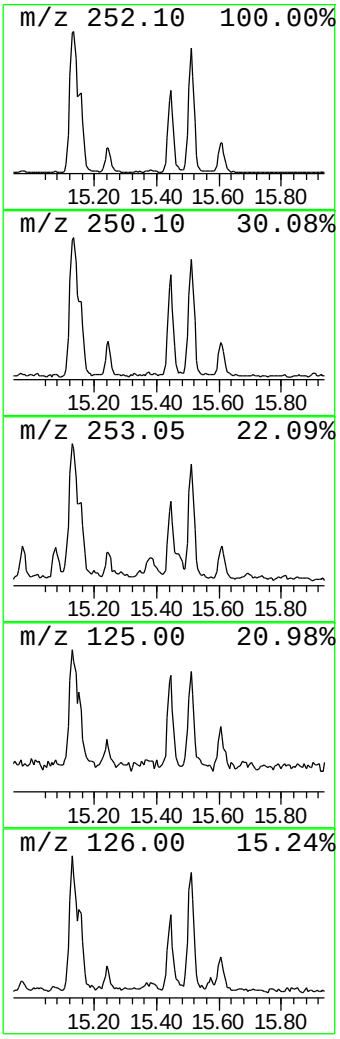
****

Peak Number 10 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	5.03 ng	139973	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

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
Butane, 2-methoxy...	2.14	5.6	ng	314926	1	6.87	1126290	20.0
unknown6.65	6.65	63.8	ng	3592840	1	6.87	1126290	20.0
5-Ethyldecane	10.32	2.5	ng	180244	3	9.91	1412930	20.0
Tetradecane	10.80	3.3	ng	206821	4	11.40	1263720	20.0
n-Hexadecanoic acid	11.92	17.3	ng	1091680	4	11.40	1263720	20.0
4H-Cyclopenta[def...	12.02	2.1	ng	134132	4	11.40	1263720	20.0
Octadecanoic acid	12.70	9.7	ng	612591	4	11.40	1263720	20.0
Cyclohexadecane	13.87	5.3	ng	335429	5	14.06	1259400	20.0
Benzo[j]fluoranthene	15.44	5.0	ng	139973	6	15.57	556396	20.0