LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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	2.134	4	8	30	rVB	286775	531772	16.27%	1.835%
2	5.104	510	513	530	rVB	59061	104745	3.21%	0.362%
3	5.492	575	579	611	rBV	2286062	3267692	100.00%	11.279%
4	6.504	747	751	770	rBV	2261500	3222418	98.61%	11.122%
5	6.639	770	774	789	rVB	2714627	3023122	92.52%	10.434%
6	6.863	809	812	823	rBV	847535	888256	27.18%	3.066%
7	7.016	835	838	852	rBV	1999579	2196941	67.23%	7.583%
8	7.434	905	909	933	rBV	1512441	2169253	66.38%	7.487%
9	8.151	1027	1031	1049	rBV	852311	1225818	37.51%	4.231%
10	9.086	1187	1190	1200	rVB	121974	125480	3.84%	0.433%
11	9.222	1206	1213	1222	rBV	2636891	2848776	87.18%	9.833%
12	9.286	1222	1224	1228	rVV	46504	62097	1.90%	0.214%
13	9.328	1228	1231	1236	rVV2	40258	51174	1.57%	0.177%
14	9.398	1239	1243	1255	rVV	50045	105285	3.22%	0.363%
15	9.822	1311	1315	1319	rVB	58211	49127	1.50%	0.170%
16	9.904	1325	1329	1341	rVB2	1061509	1143584	35.00%	3.947%
17	10.292	1391	1395	1397	rBV	48095	39706	1.22%	0.137%
18	10.316	1397	1399	1403	rVB	83769	65526	2.01%	0.226%
19	10.704	1461	1465	1477	rBV	1197306	1473532	45.09%	5.086%
20	10.792	1477	1480	1485	rVB2	50561	63364	1.94%	0.219%
21	10.898	1495	1498	1502	rVB2	34922	35572	1.09%	0.123%
22	11.239	1553	1556	1559	rBV	29595	33060	1.01%	0.114%
23	11.404	1580	1584	1597	rBV	840147	1013243	31.01%	3.497%
24	11.545	1606	1608	1612	rBV	150375	135051	4.13%	0.466%
25	11.610	1615	1619	1624	rVB5	23546	33584	1.03%	0.116%
26	11.669	1626	1629	1631	rBV	38247	37430	1.15%	0.129%
27	11.916	1667	1671	1674	rBV	547002	535164	16.38%	1.847%
28	11.945	1674	1676	1685	rVB	576265	515204	15.77%	1.778%
29	12.074	1695	1698	1701	rBV	46699	40138	1.23%	0.139%
30	12.463	1762	1764	1769	rBV	67821	62500	1.91%	0.216%
31	12.627	1789	1792	1799	rVB	49004	66000	2.02%	0.228%
32	12.698	1802	1804	1810	rBV5	25827	36681	1.12%	0.127%
33	12.839	1825	1828	1830	rBV	106241	104146	3.19%	0.359%
34	12.857	1830	1831	1835	rVB2	51759	42201	1.29%	0.146%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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	12.986	1848	1853	1861	rBV	1677095	1742450	53.32%	6.014%
36	13.192	1885	1888	1891	rVB	156494	140593	4.30%	0.485%
37	13.533	1943	1946	1949	rBV	136000	137829	4.22%	0.476%
38	13.863	1999	2002	2011	rBV	379637	424419	12.99%	1.465%
39	14.057	2032	2035	2045	rVB	637933	717273	21.95%	2.476%
40	15.568	2288	2292	2299	rVB	315183	462260	14.15%	1.596%

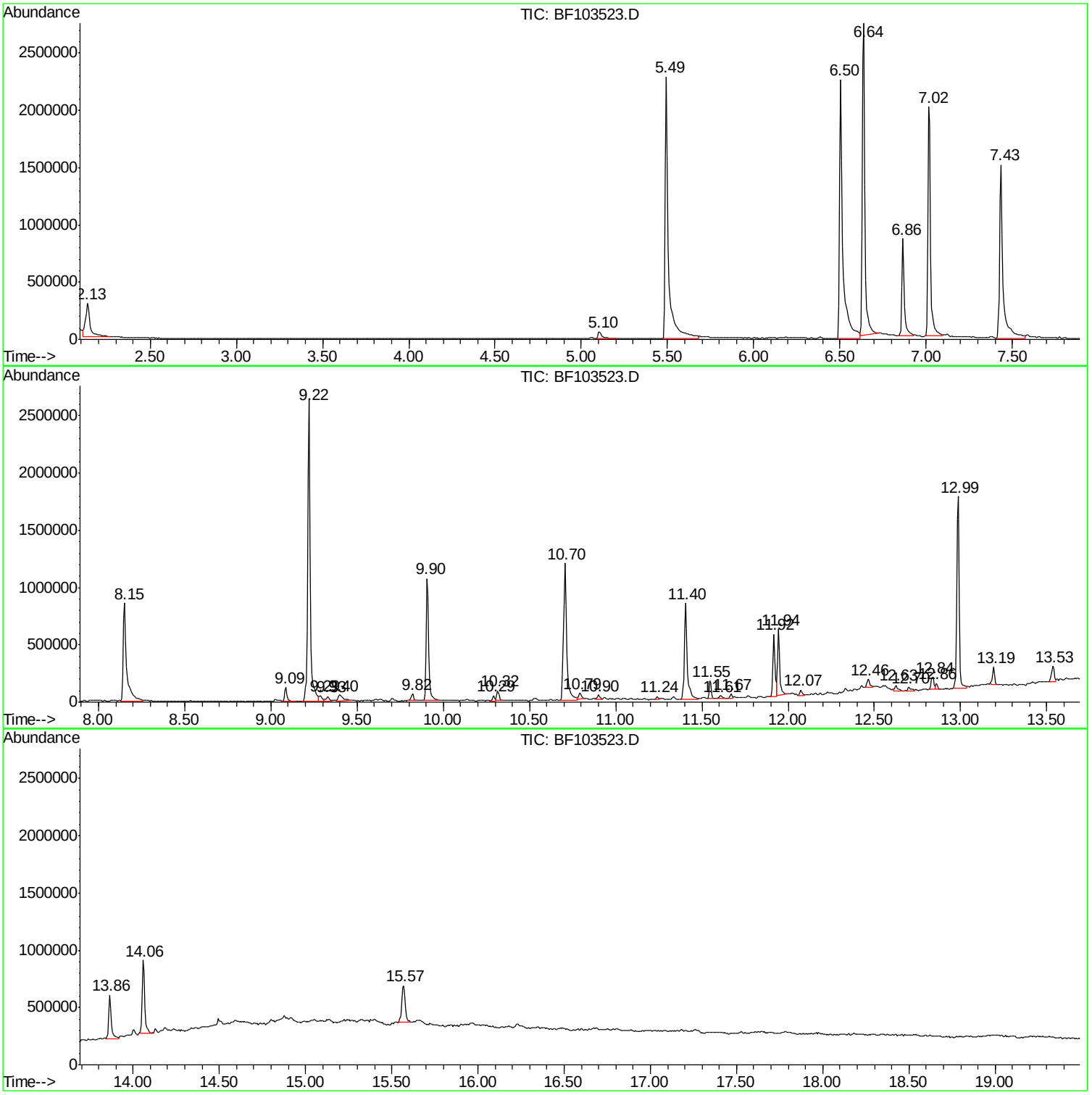
Sum of corrected areas: 28972466

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

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\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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

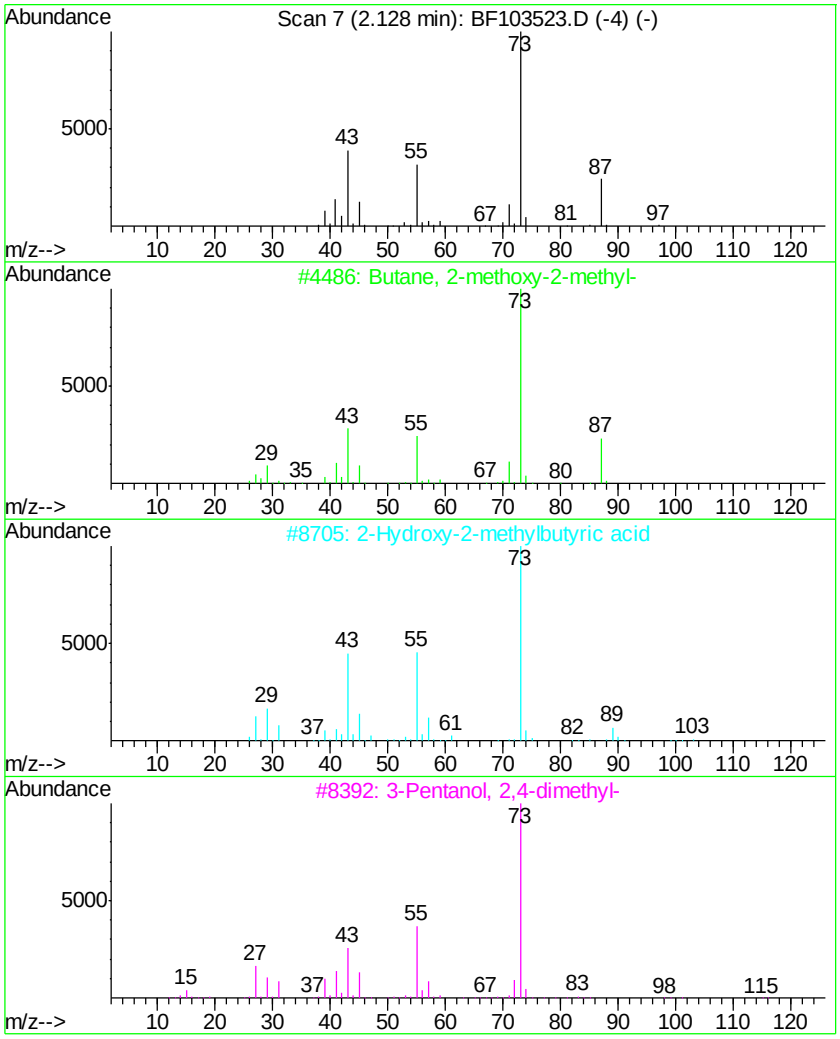
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

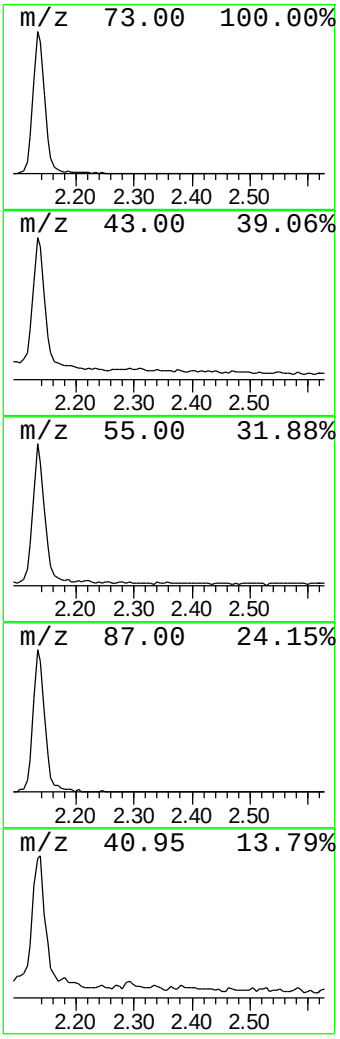
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	11.97 ng	531772	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	38
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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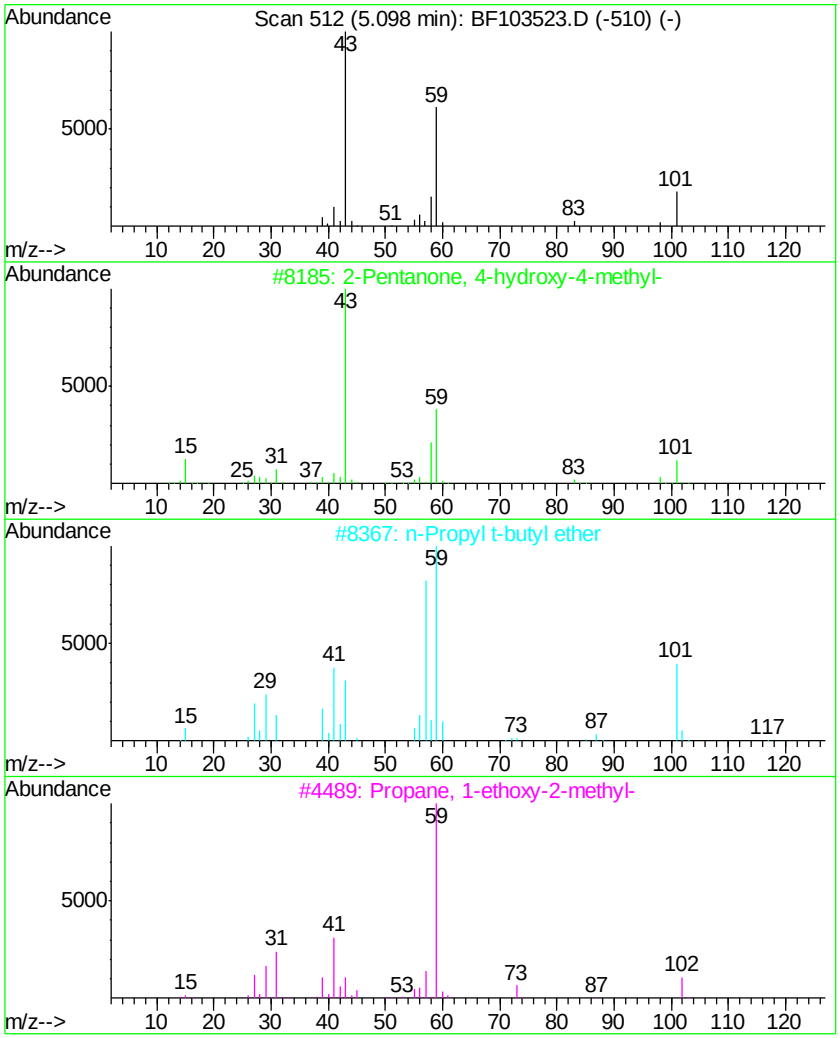
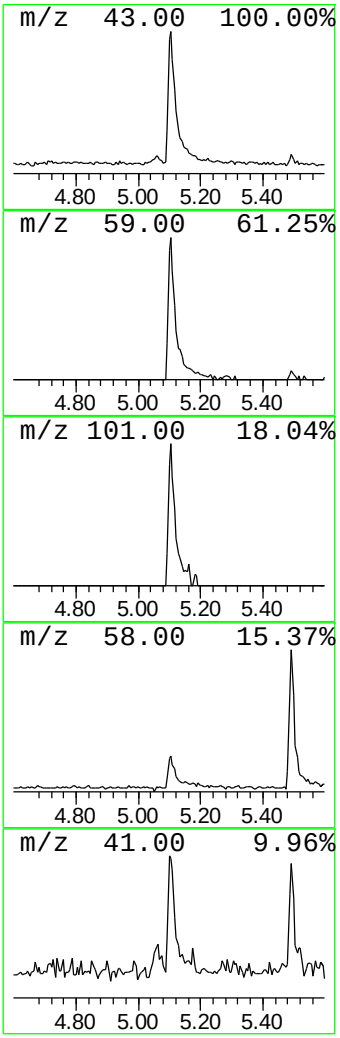
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.36 ng	104745	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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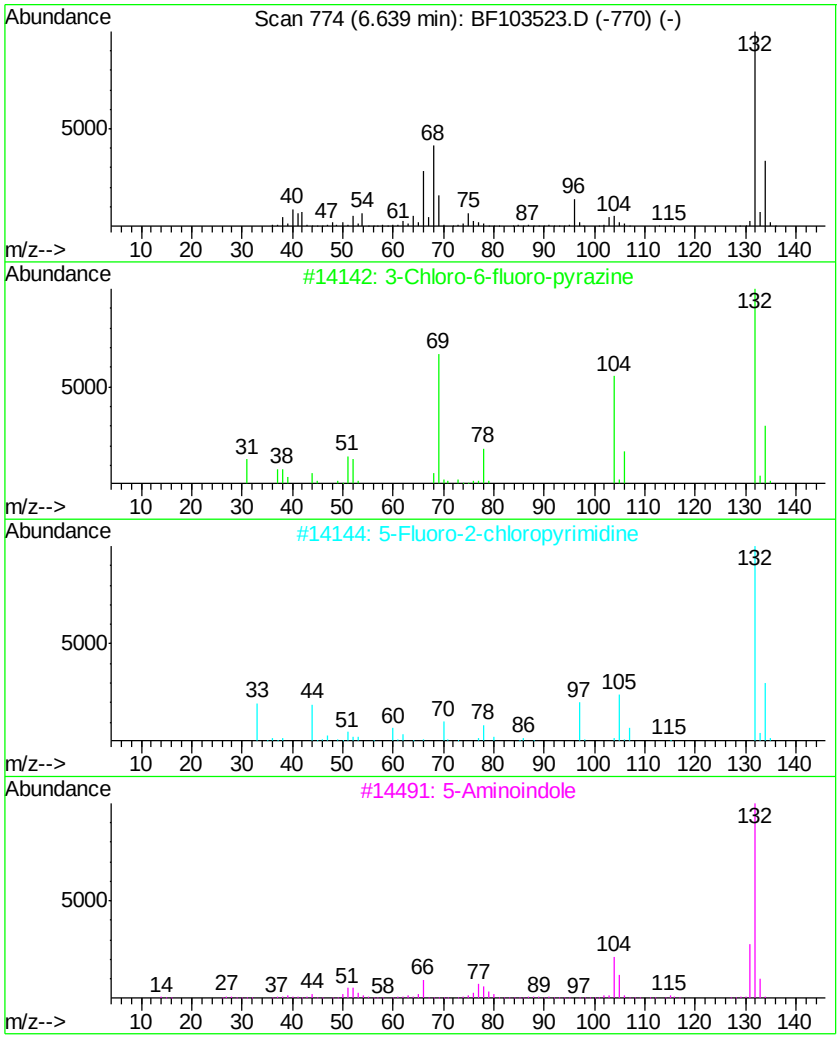
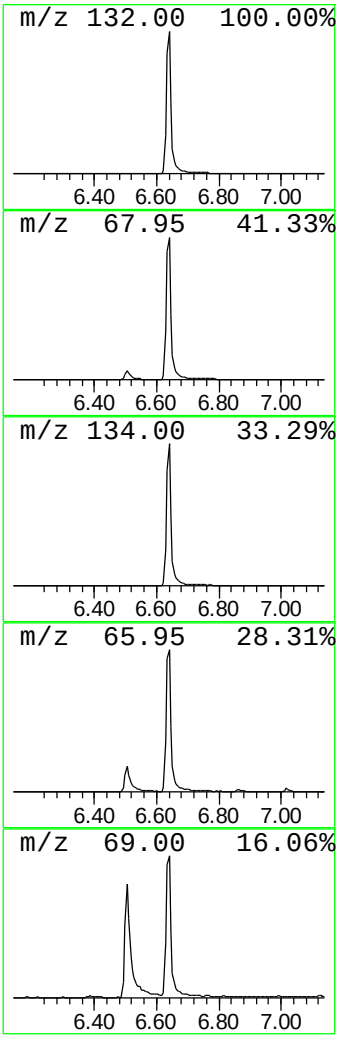
Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	68.07 ng	3023120	1,4-Dichlorobenzene-d4	6.86

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	Xenon	132	Xe	007440-63-3	9





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Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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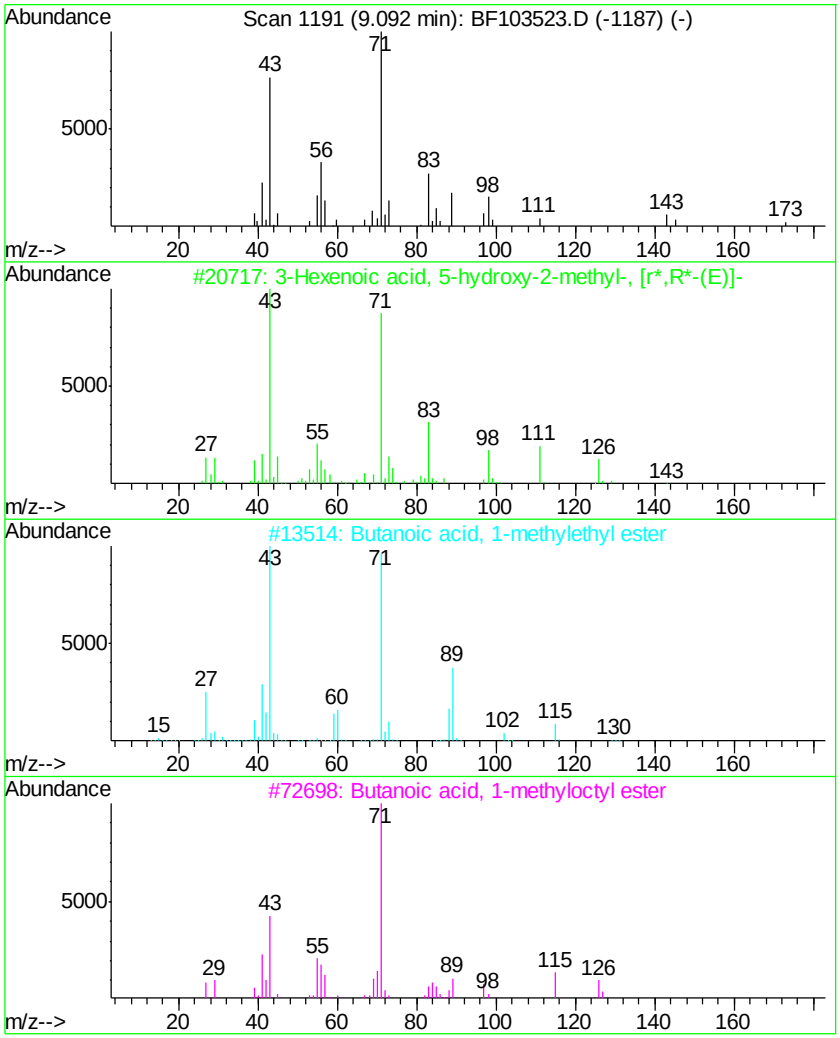
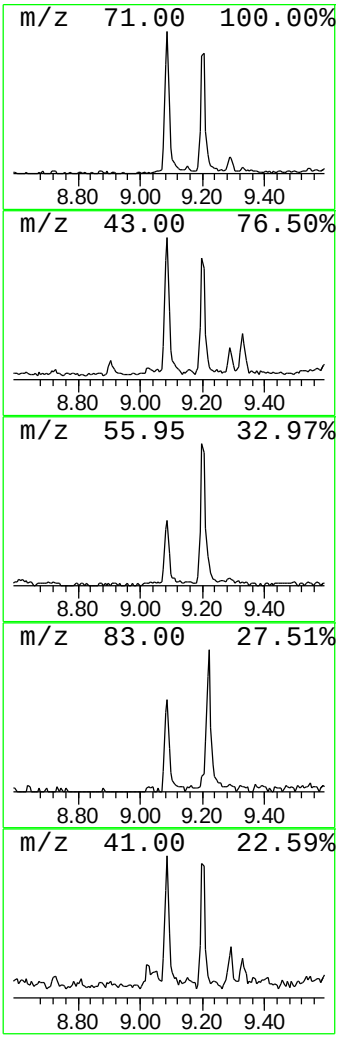
Peak Number 5 unknown9.09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.19 ng	125480	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	45
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	43
3	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	42
4	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	38
5	Diethylmalonic acid, heptyl tetr...	342	C19H34O5	1000370-64-2	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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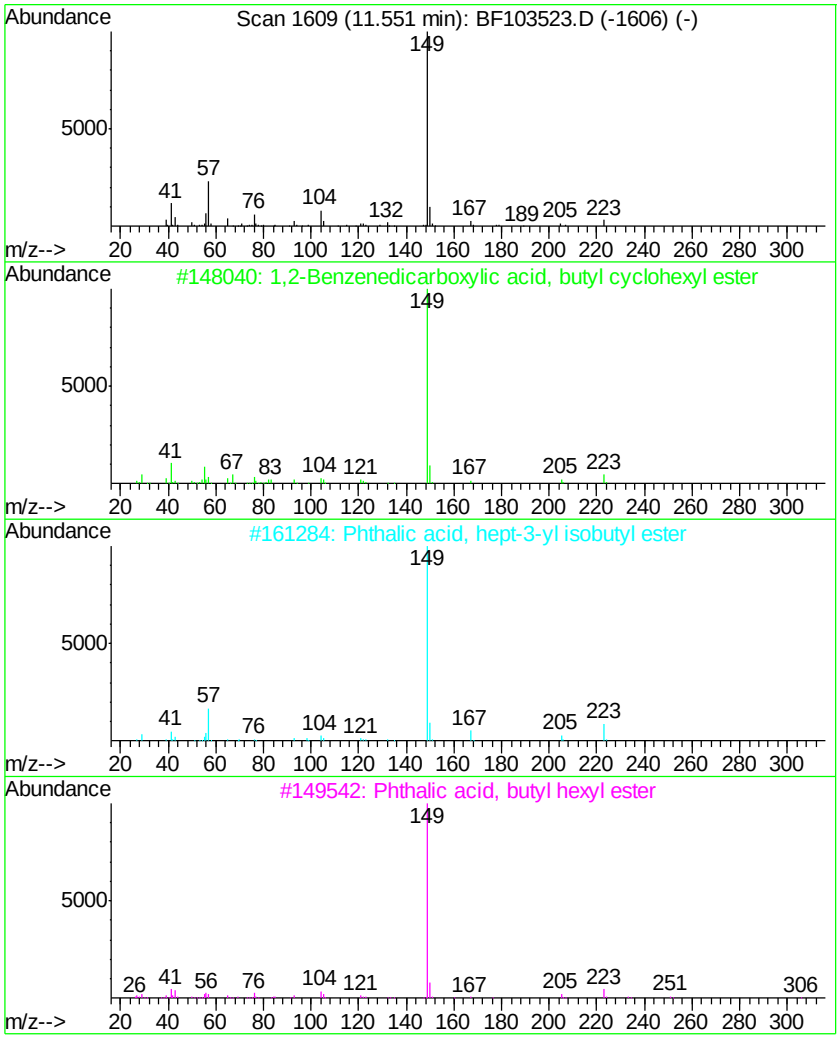
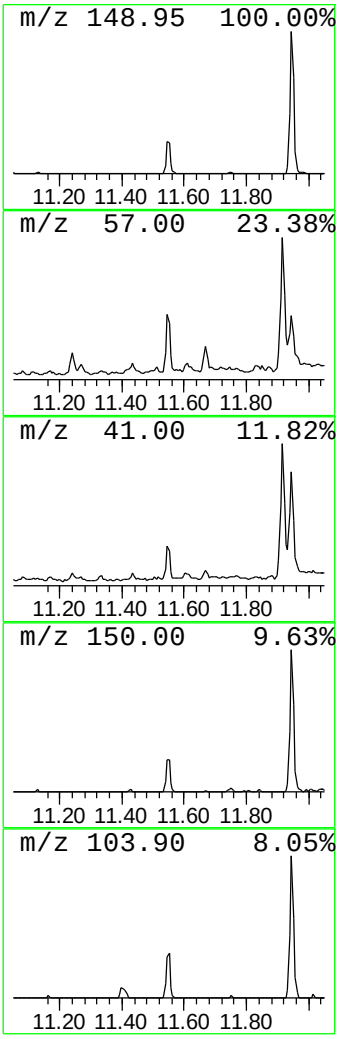
Peak Number 6 1,2-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.67 ng	135051	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	86
2	Phthalic acid, hept-3-yl isobuty...	320	C19H28O4	1000356-98-6	86
3	Phthalic acid, butyl hexyl ester	306	C18H26O4	1000308-99-5	78
4	Phthalic acid, 8-chlorooctyl iso...	368	C20H29ClO4	1000356-85-8	78
5	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78





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Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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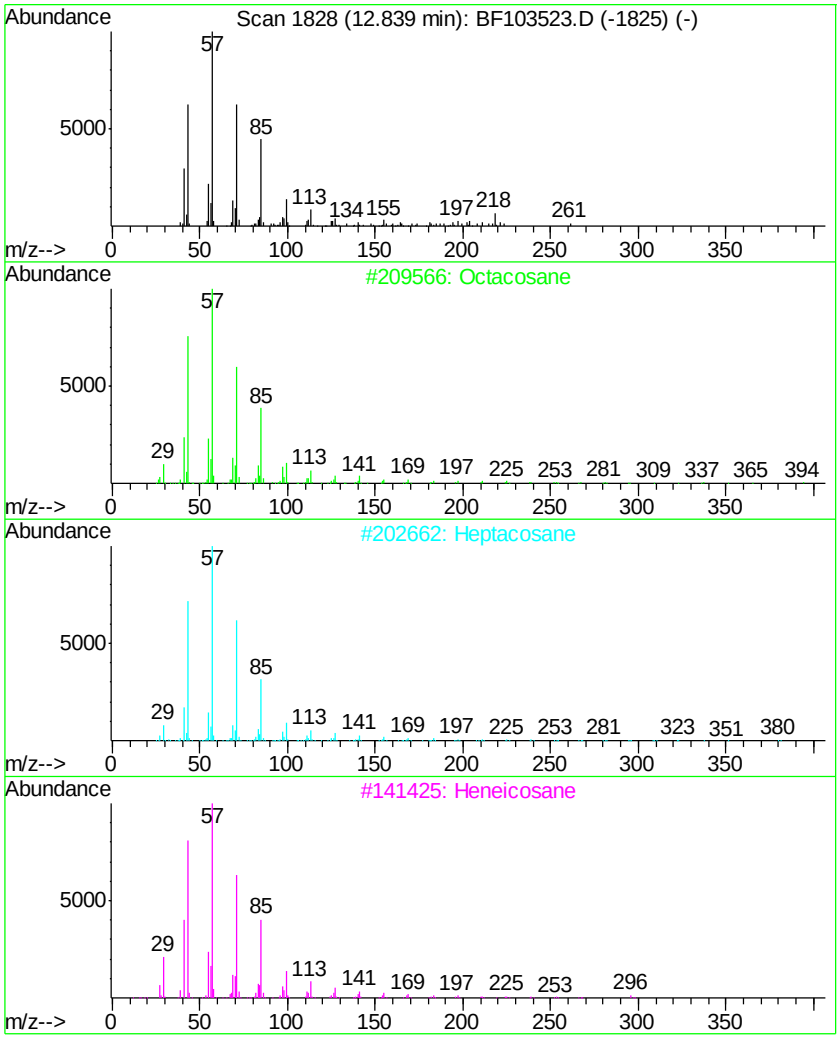
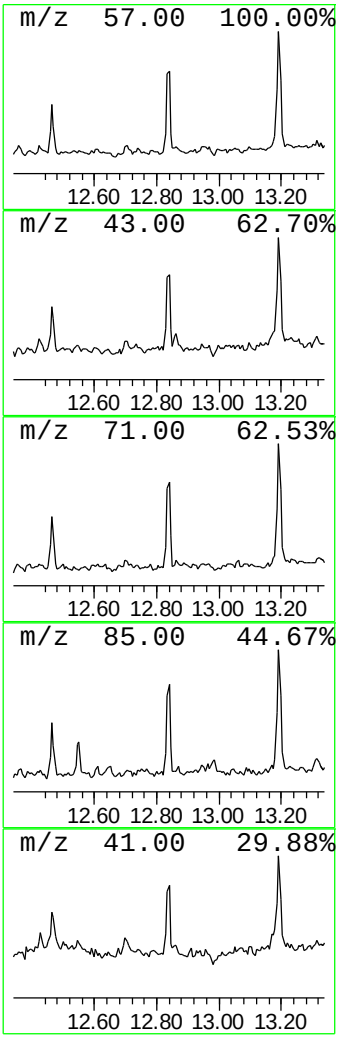
Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.90 ng	104146	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Heptacosane	380	C27H56	000593-49-7	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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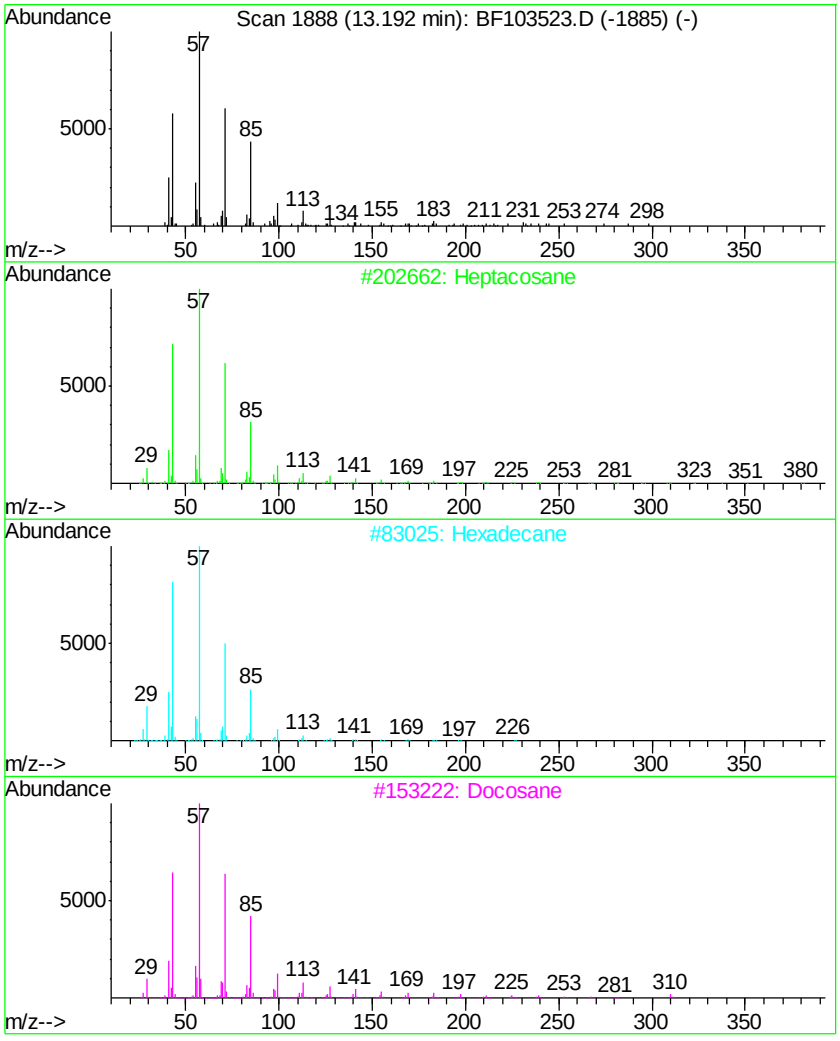
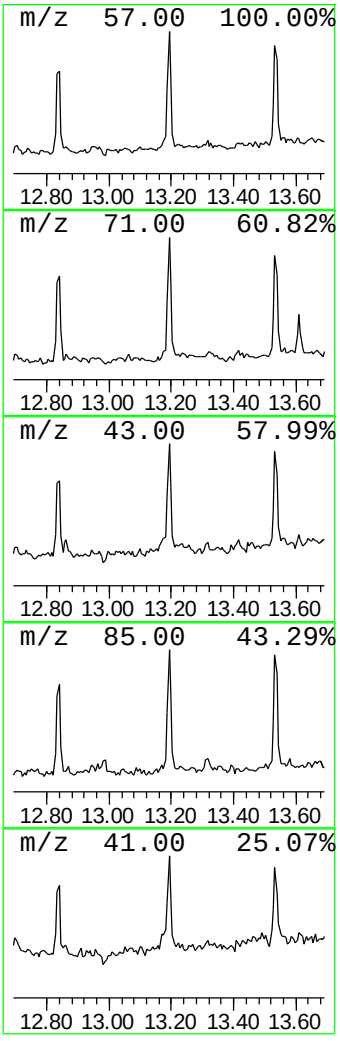
Peak Number 8 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.92 ng	140593	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Docosane	310	C22H46	000629-97-0	80
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
5	Nonadecane	268	C19H40	000629-92-5	72





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Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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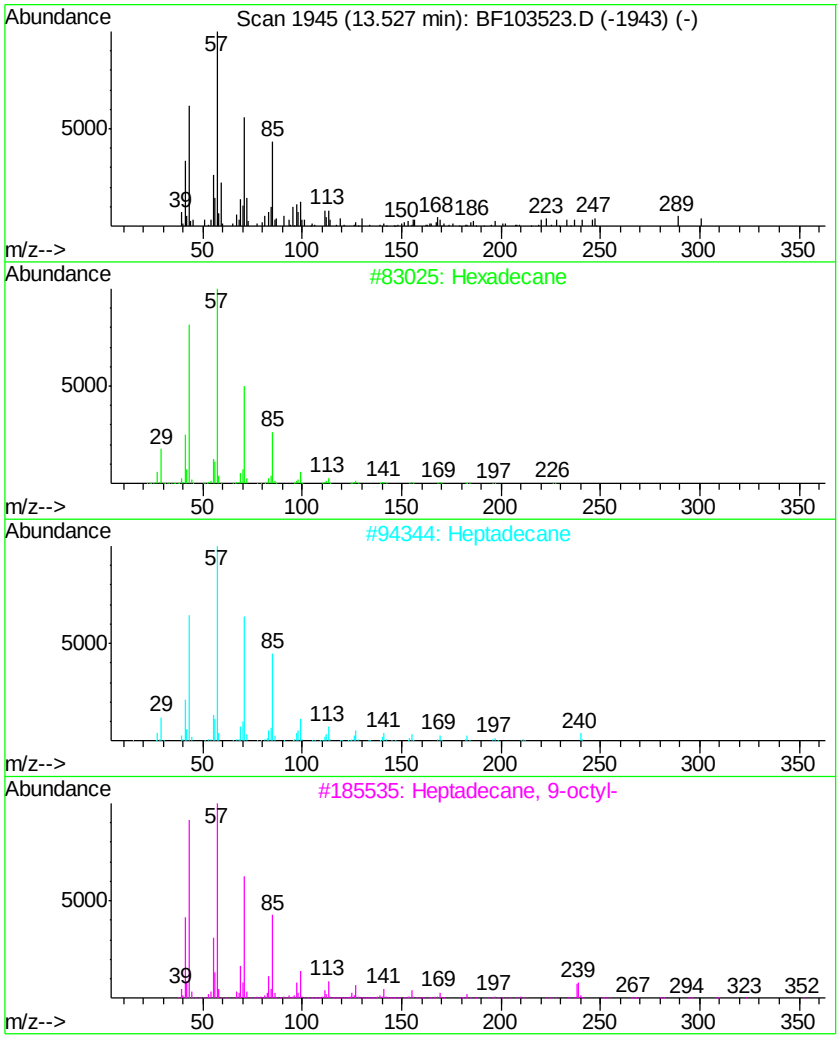
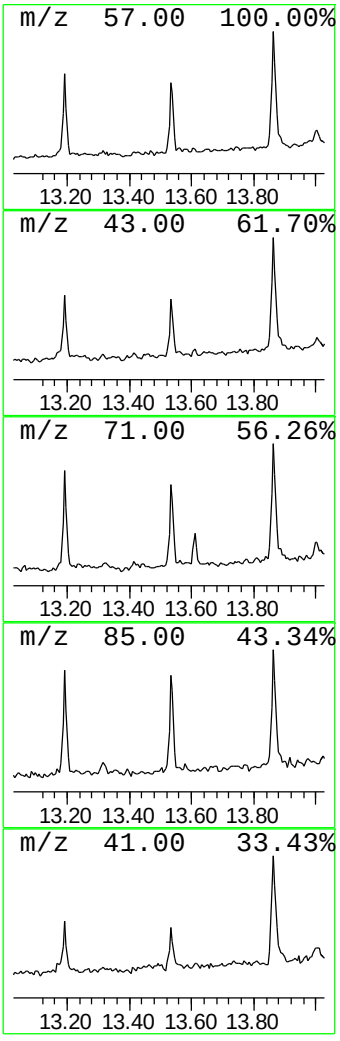
Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.84 ng	137829	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	76
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
4	Hexacosane	366	C26H54	000630-01-3	74
5	Heptacosane	380	C27H56	000593-49-7	74





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Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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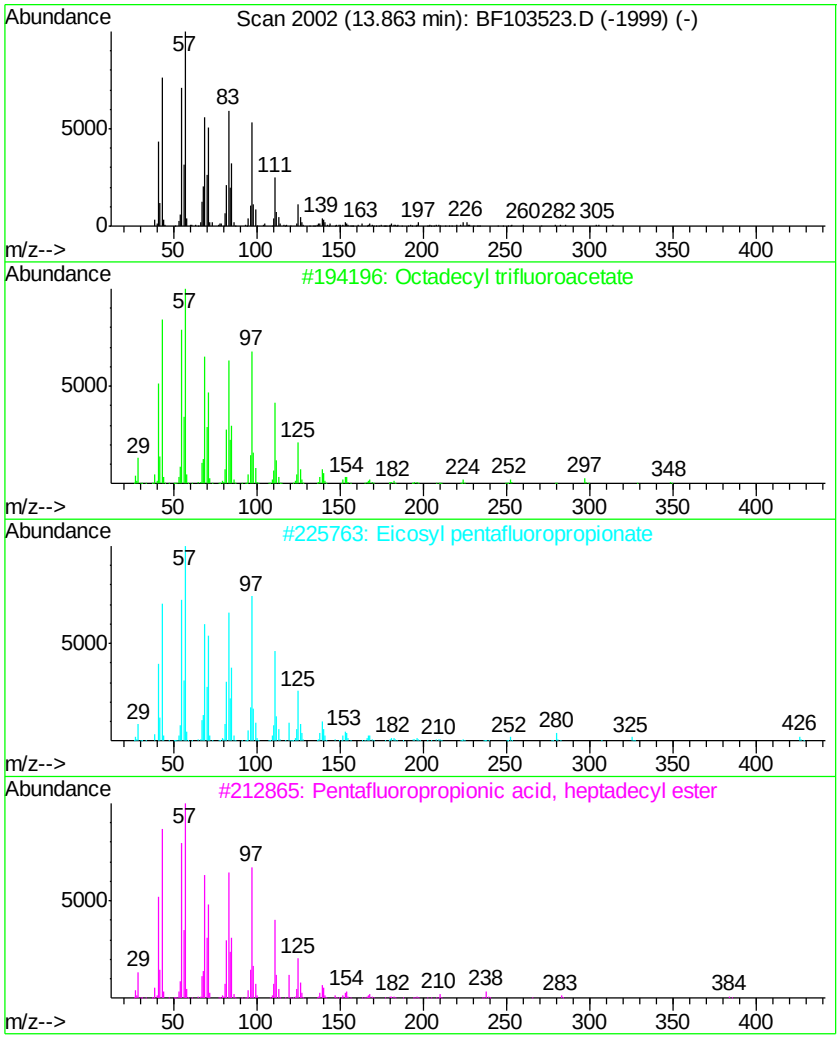
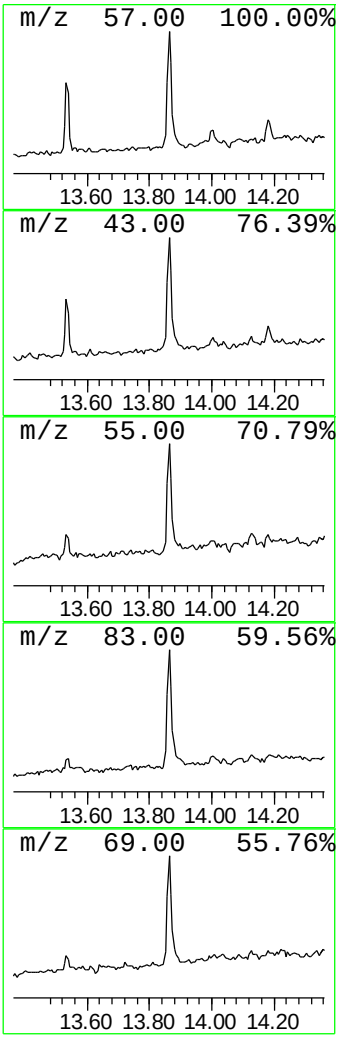
Peak Number 10 Octadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	11.83 ng	424419	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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...	2.13	12.0	ng	531772	1	6.86	888256	20.0
2-Pentanone, 4-hy...	5.10	2.4	ng	104745	1	6.86	888256	20.0
unknown6.64	6.64	68.1	ng	3023120	1	6.86	888256	20.0
unknown9.09	9.09	2.2	ng	125480	3	9.90	1143580	20.0
1,2-Benzenedicarb...	11.55	2.7	ng	135051	4	11.40	1013240	20.0
Octacosane	12.84	2.9	ng	104146	5	14.06	717273	20.0
Heptacosane	13.19	3.9	ng	140593	5	14.06	717273	20.0
Hexadecane	13.53	3.8	ng	137829	5	14.06	717273	20.0
Octadecyl trifluo...	13.86	11.8	ng	424419	5	14.06	717273	20.0