LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103783.D
Acq On : 20 Mar 2018 3:38
Operator : JU/SJ
Sample : J1954-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 031518-TIDO-F-U-S

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-BF031518.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	2.299	30	36	43	rVB	325024	439154	9.80%	1.580%
2	5.198	525	529	537	rVB	105471	111760	2.50%	0.402%
3	5.587	591	595	599	rBV	1603970	1397850	31.21%	5.030%
4	5.916	647	651	657	rBV	118926	102595	2.29%	0.369%
5	6.581	760	764	768	rBV	1025823	904276	20.19%	3.254%
6	6.739	786	791	794	rBV	2811148	2487677	55.54%	8.952%
7	6.969	827	830	834	rBV	1043233	855878	19.11%	3.080%
8	7.128	853	857	860	rBV	3282434	3073125	68.61%	11.059%
9	7.533	920	926	929	rBV	2418448	2713035	60.57%	9.763%
10	8.251	1044	1048	1052	rBV	1342642	1138208	25.41%	4.096%
11	9.327	1226	1231	1234	rBV	4294665	4478984	100.00%	16.119%
12	9.716	1293	1297	1300	rBV	167848	132834	2.97%	0.478%
13	9.927	1328	1333	1336	rBV	70020	56631	1.26%	0.204%
14	10.010	1344	1347	1351	rVB	1351448	1188263	26.53%	4.276%
15	10.427	1416	1418	1421	rVB	110608	77553	1.73%	0.279%
16	10.804	1478	1482	1485	rBV	2040210	1799745	40.18%	6.477%
17	10.904	1495	1499	1504	rVB	101817	107634	2.40%	0.387%
18	11.351	1572	1575	1578	rBV	80749	67788	1.51%	0.244%
19	11.504	1597	1601	1604	rBV	1283549	1045005	23.33%	3.761%
20	11.780	1645	1648	1651	rBV	60698	47423	1.06%	0.171%
21	11.880	1662	1665	1668	rVB	67865	49988	1.12%	0.180%
22	12.568	1779	1782	1784	rBV2	119090	109805	2.45%	0.395%
23	12.586	1784	1785	1794	rVB3	90157	79611	1.78%	0.286%
24	13.098	1866	1872	1875	rBV	3267690	3599623	80.37%	12.954%
25	13.974	2017	2021	2034	rBV	169307	187377	4.18%	0.674%
26	14.157	2048	2052	2055	rBV	847105	825169	18.42%	2.970%
27	15.692	2307	2313	2322	rBV2	561968	710543	15.86%	2.557%

Sum of corrected areas: 27787534

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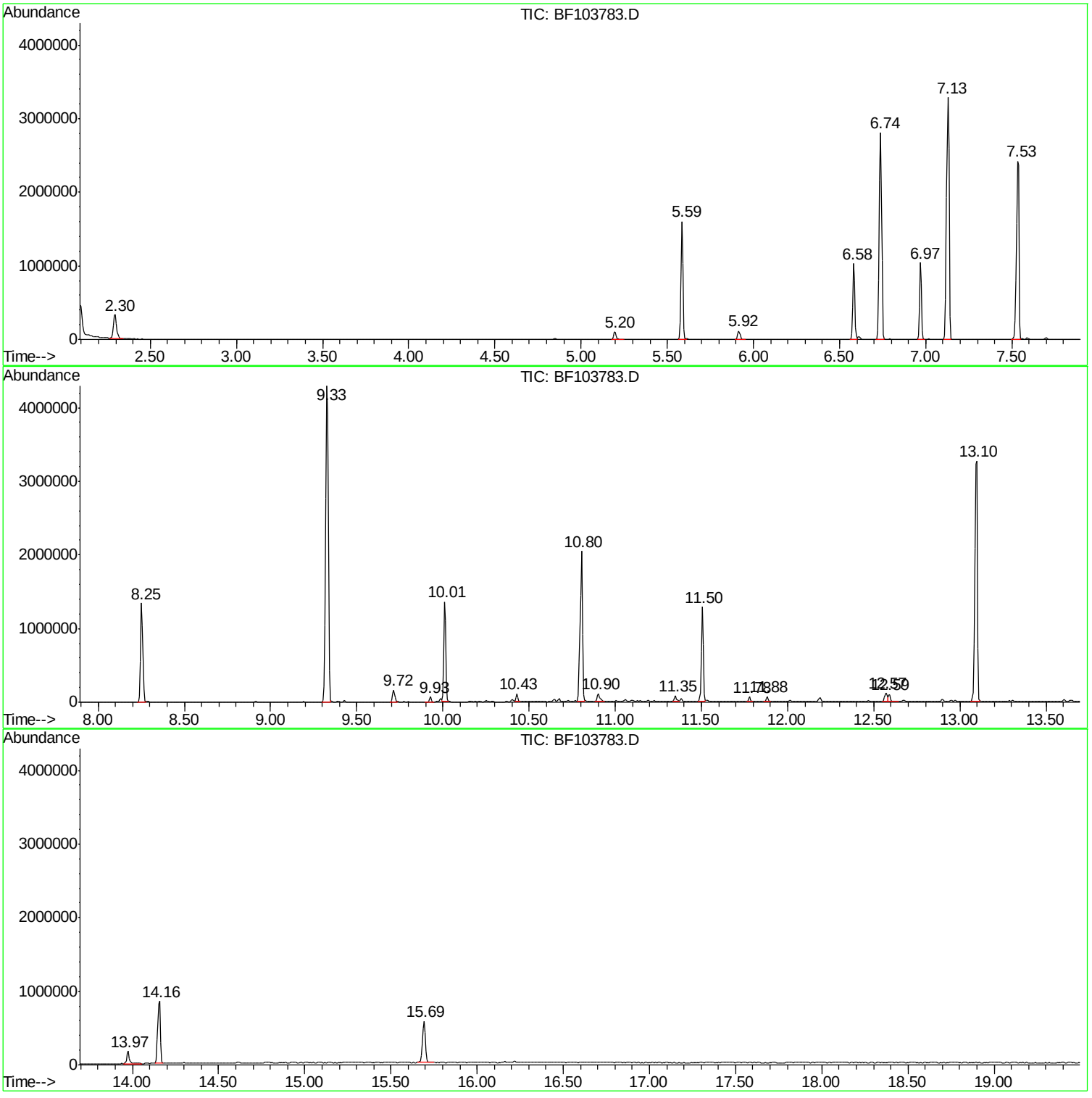
031518-TIDO-F-U-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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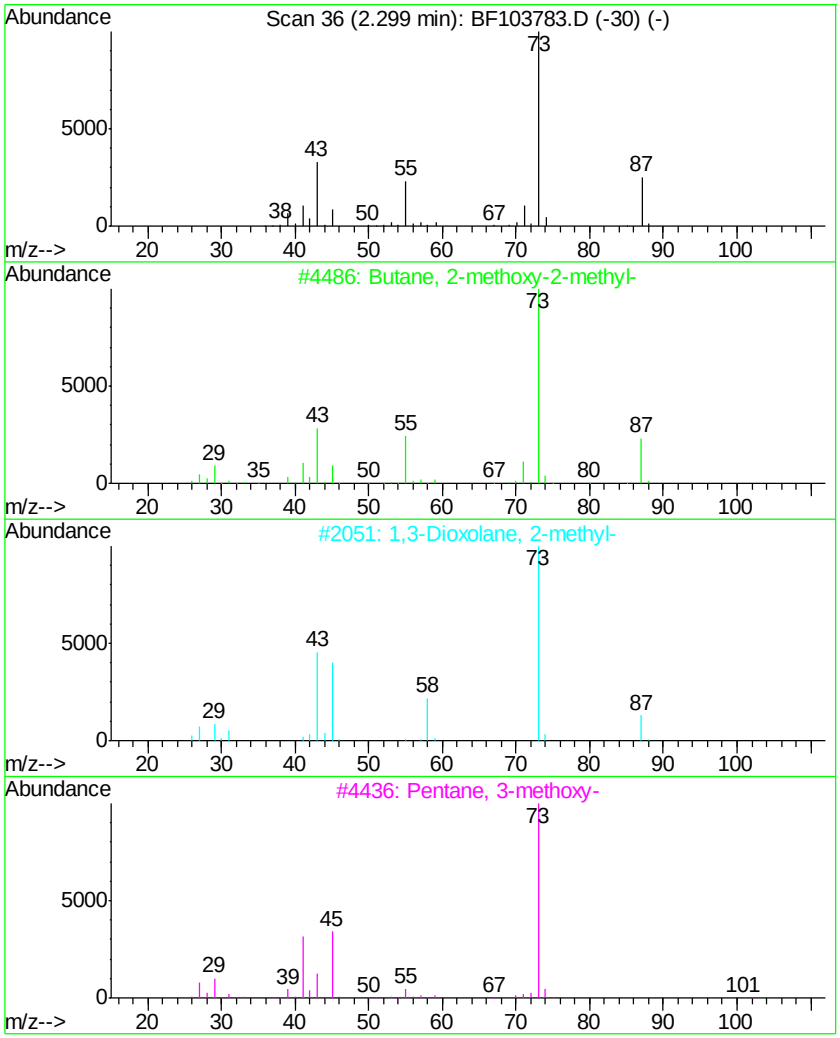
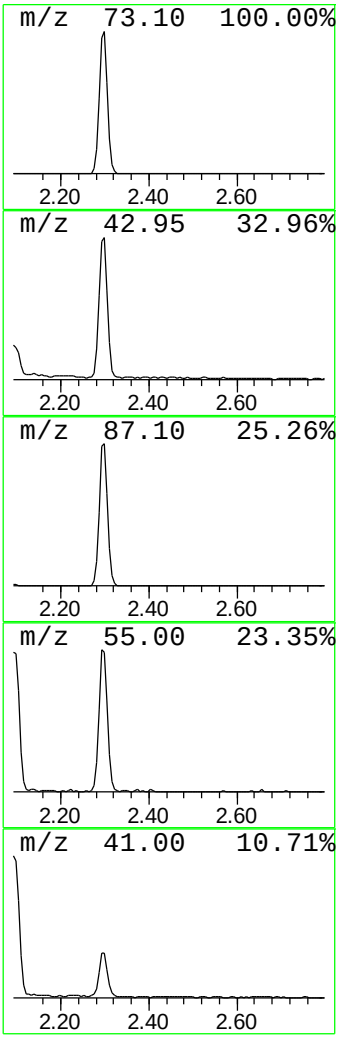
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	10.26 ng	439154	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_F
ClientSampleId : 031518-TIDO-F-U-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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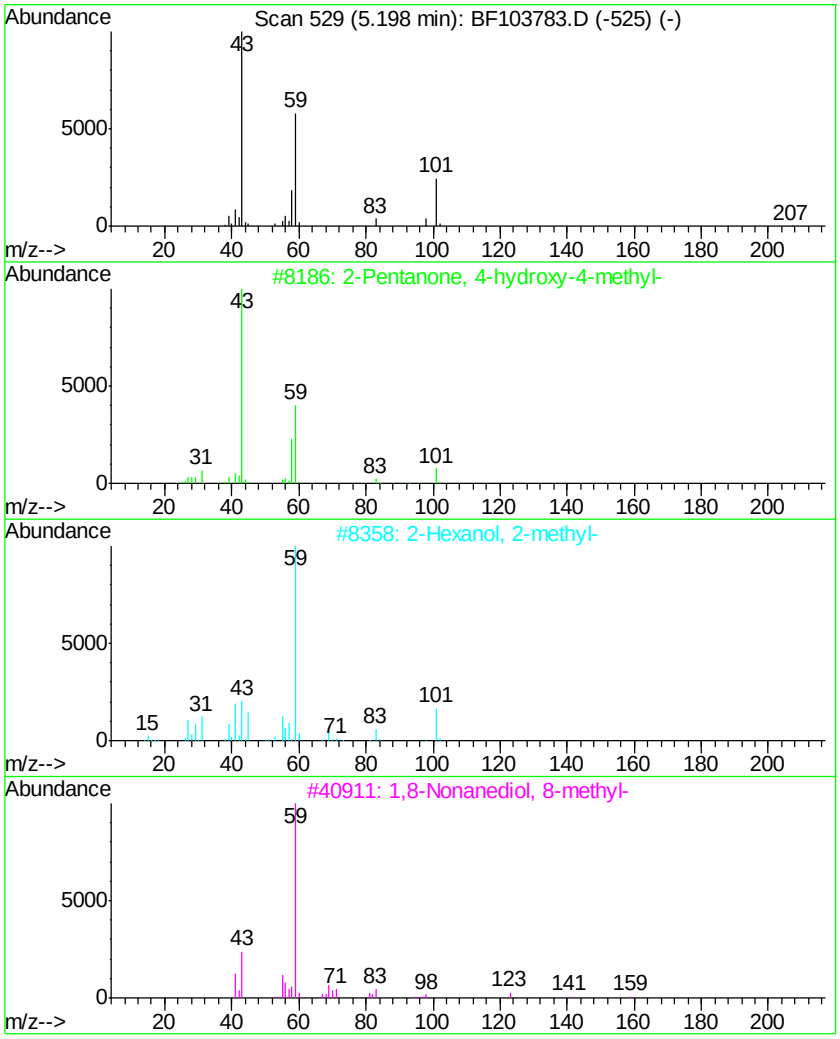
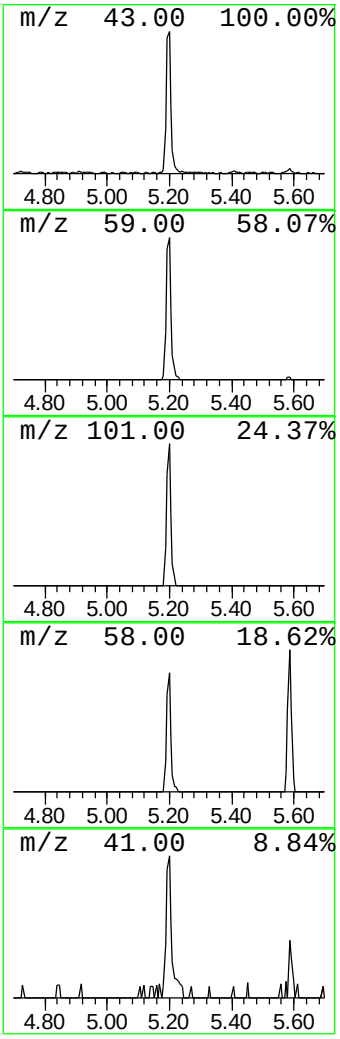
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.61 ng	111760	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Instrument : BNA_F
ClientSampleId : 031518-TIDO-F-U-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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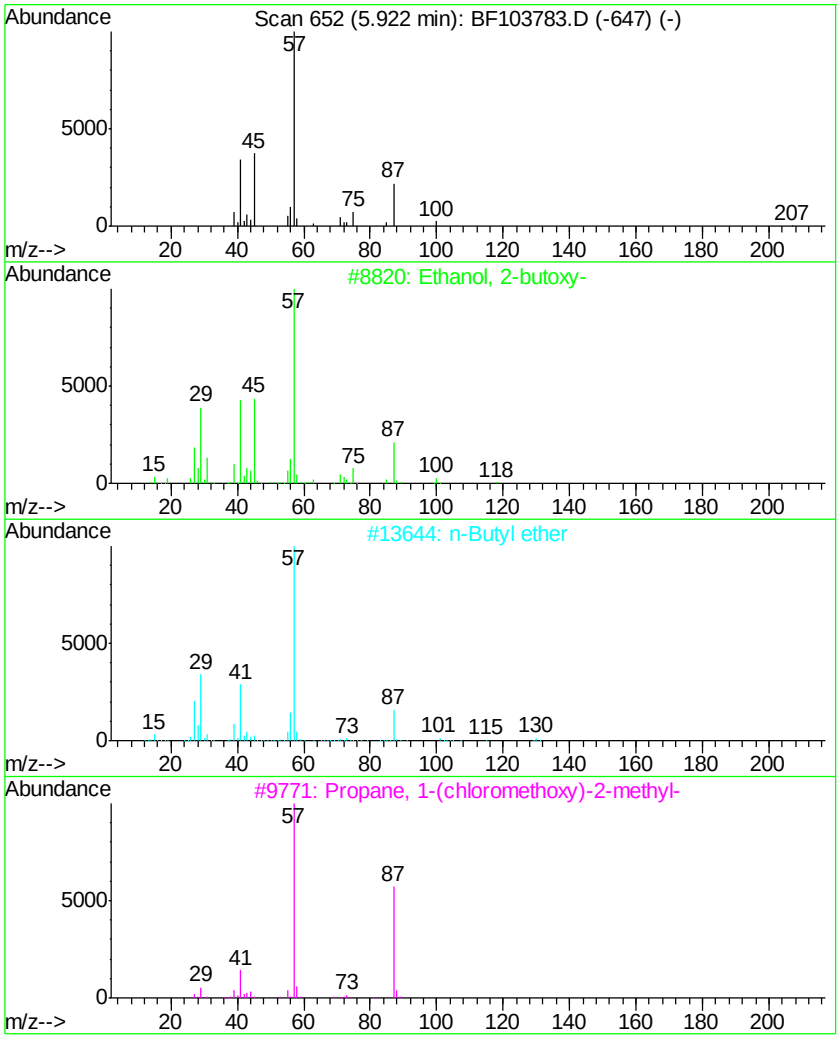
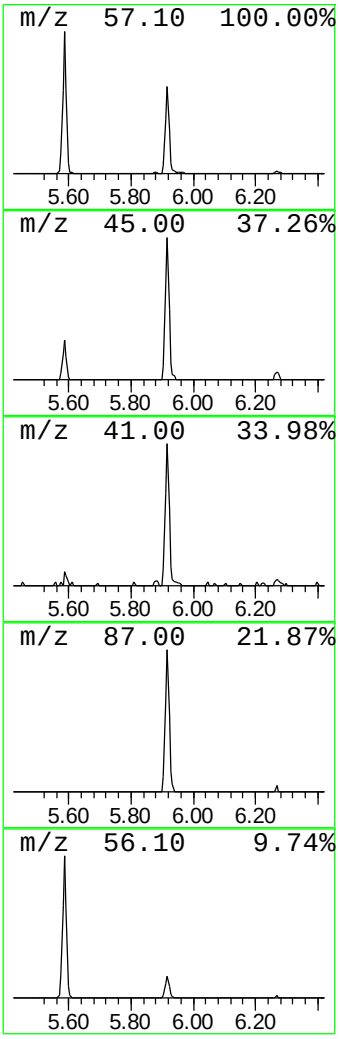
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	2.40 ng	102595	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	n-Butyl ether	130	C8H18O	000142-96-1	37
3	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	37
4	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	32
5	1,3-Propanediol, 2-methyl-, dipr...	202	C10H18O4	054932-83-1	23





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Instrument : BNA_F
ClientSampleId : 031518-TIDO-F-U-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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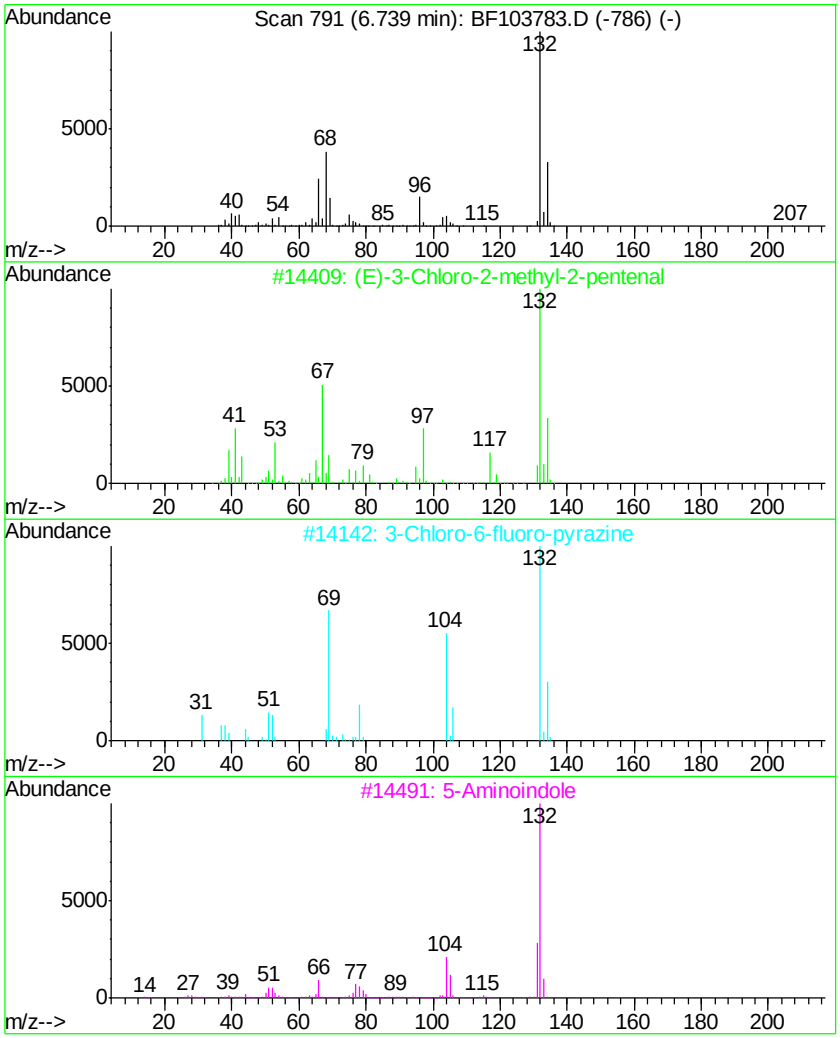
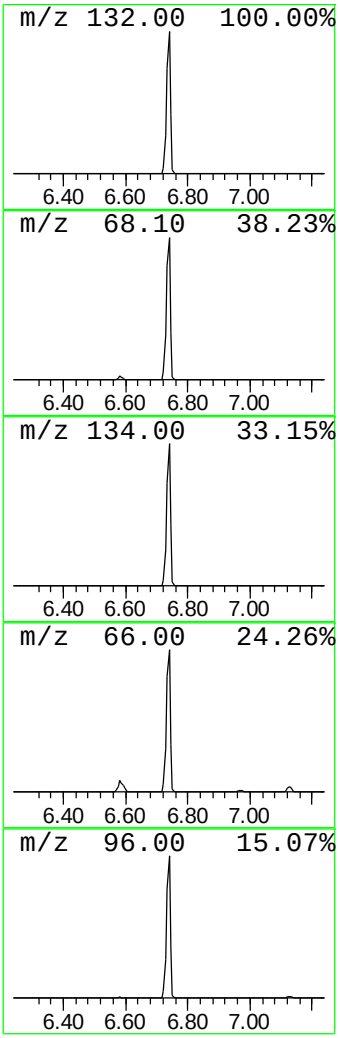
Peak Number 4 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	58.13 ng	2487680	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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ClientSampleId : 031518-TIDO-F-U-S

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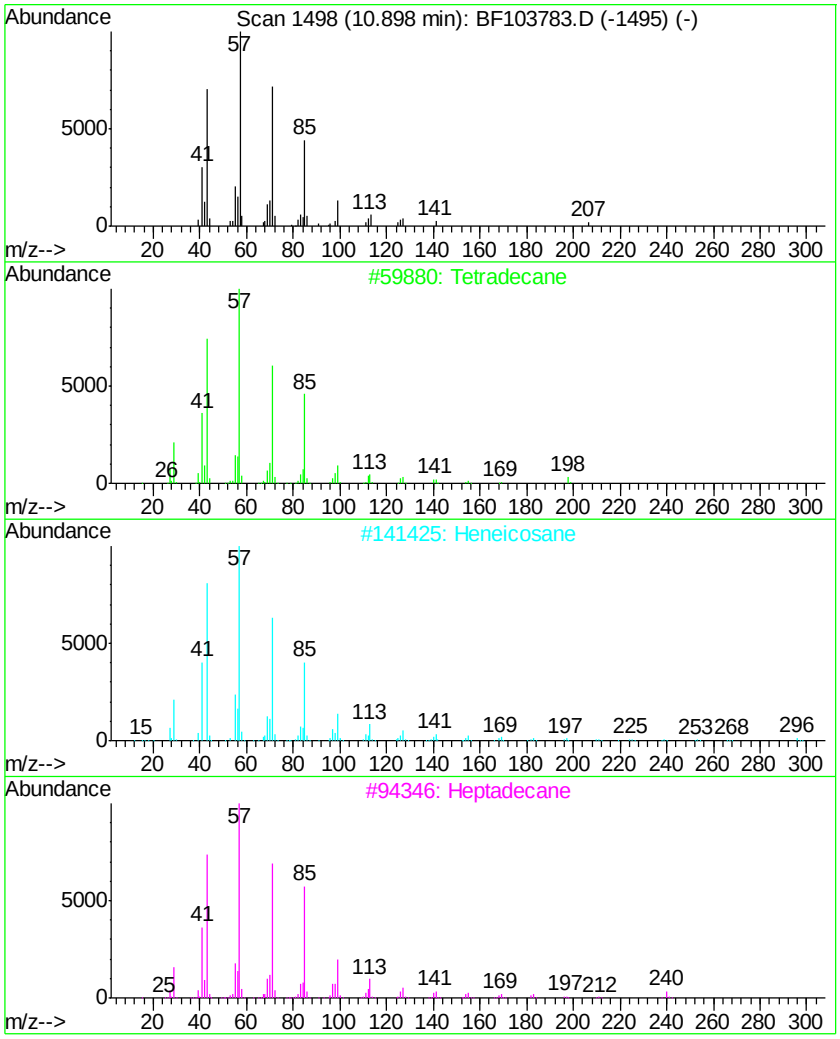
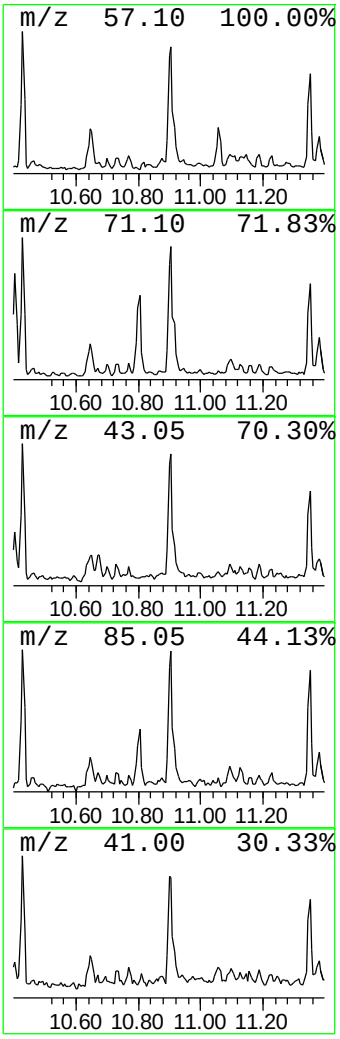
Peak Number 6 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.06 ng	107634	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Tridecane	184	C13H28	000629-50-5	58





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TIC Library : C:\DATABASE\NIST11.L
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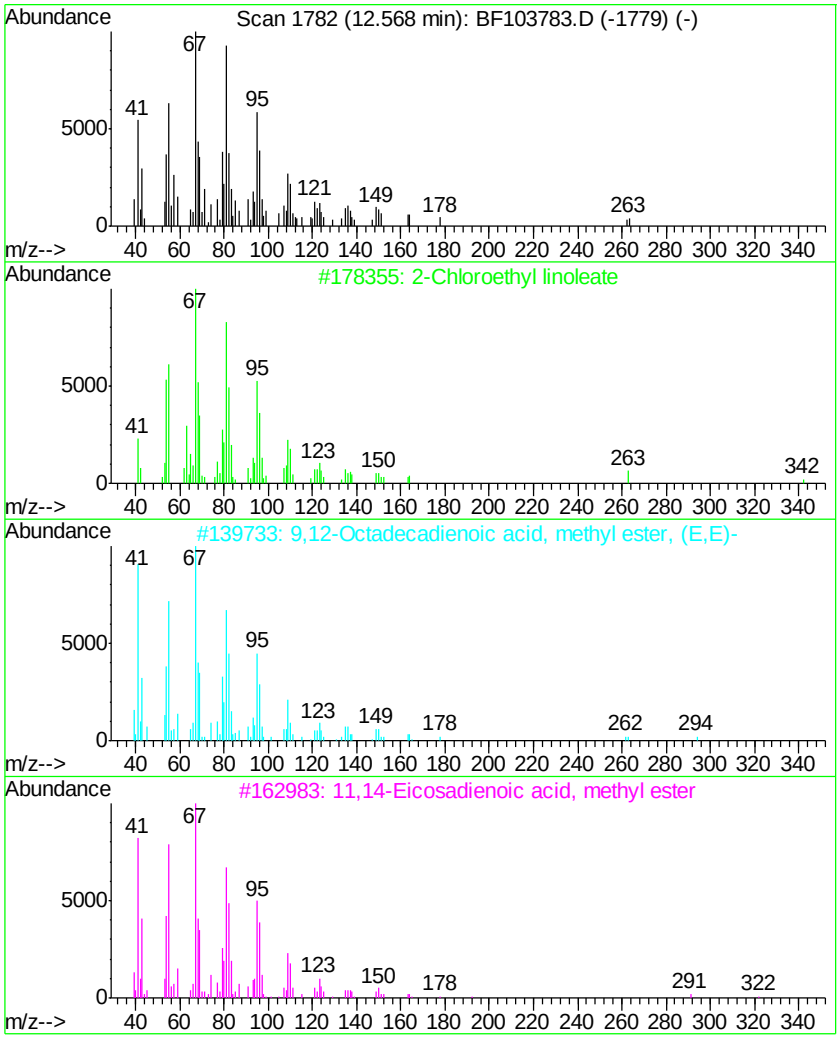
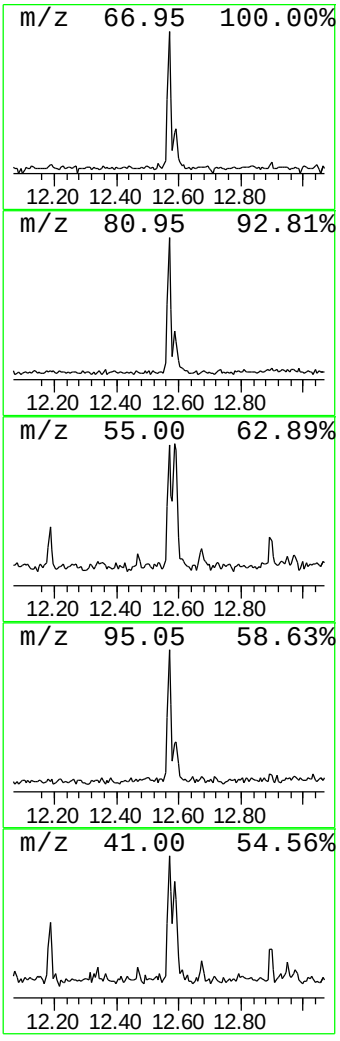
Peak Number 7 2-Chloroethyl linoleate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.10 ng	109805	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	87
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	76
3	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	70
4	7-Hexadecyne	222	C16H30	074685-28-2	64
5	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	60





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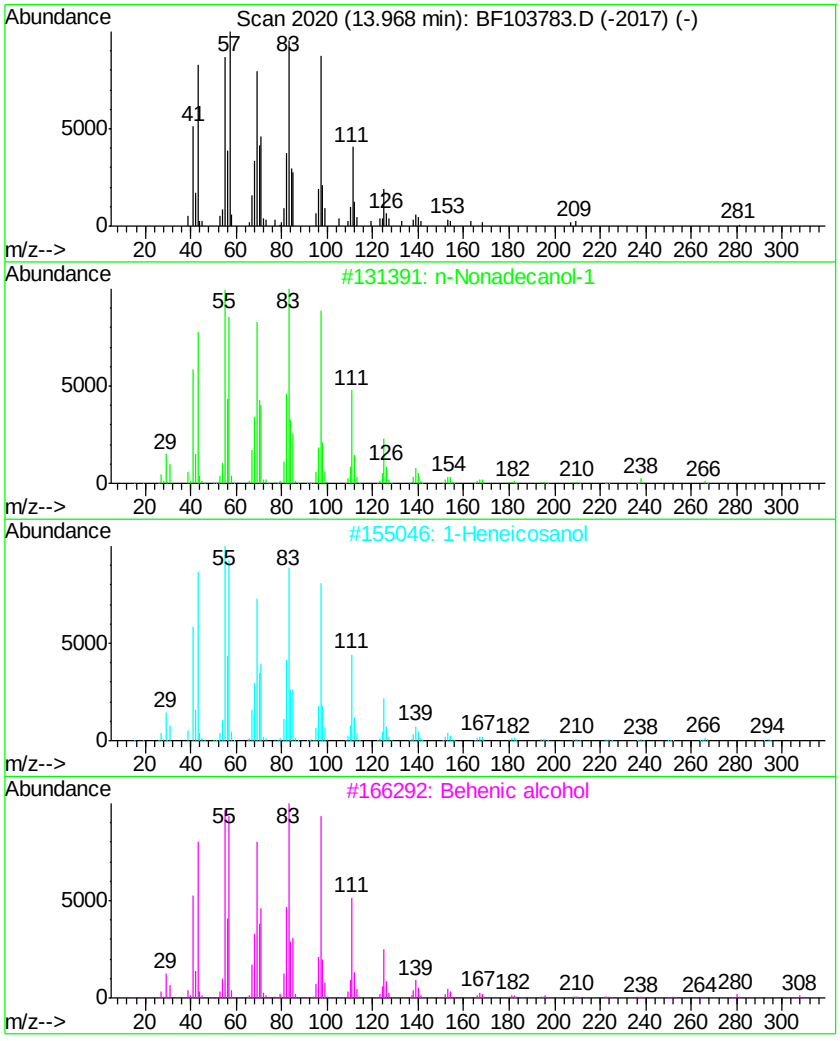
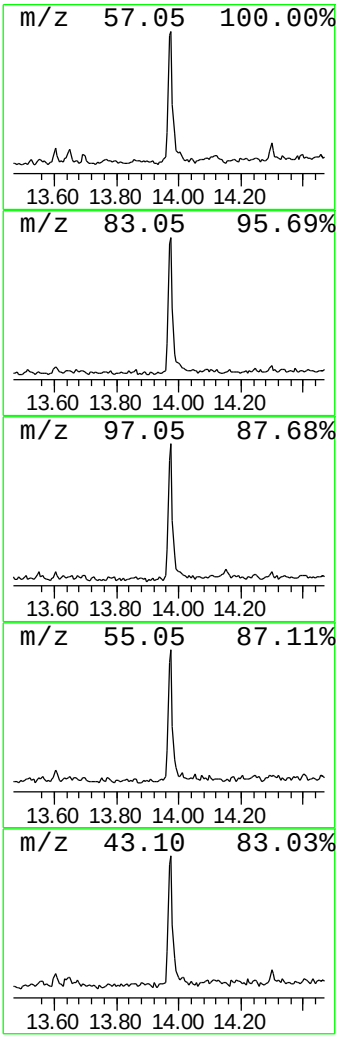
Peak Number 8 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.54 ng	187377	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.30	10.3	ng	439154	1	6.97	855878	20.0
2-Pentanone, 4-hy...	5.20	2.6	ng	111760	1	6.97	855878	20.0
Ethanol, 2-butoxy-	5.92	2.4	ng	102595	1	6.97	855878	20.0
unknown6.74	6.74	58.1	ng	2487680	1	6.97	855878	20.0
Tetradecane	10.90	2.1	ng	107634	4	11.50	1045010	20.0
2-Chloroethyl lin...	12.57	2.1	ng	109805	4	11.50	1045010	20.0
n-Nonadecanol-1	13.97	4.5	ng	187377	5	14.16	825169	20.0