LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104520.D
Acq On : 14 Apr 2018 12:00
Operator : JU/SJ
Sample : J2368-14
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-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-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	492	496	506	rVB	176326	178128	4.14%	0.697%
2	5.422	563	567	570	rBV	1448025	1268025	29.45%	4.960%
3	6.028	668	670	679	rBV	62570	69545	1.62%	0.272%
4	6.434	736	739	748	rBV	868624	815740	18.95%	3.191%
5	6.575	759	763	766	rBV	2622331	2321156	53.91%	9.080%
6	6.804	799	802	806	rBV	1039788	893409	20.75%	3.495%
7	6.963	825	829	833	rBV	3296790	3197825	74.28%	12.509%
8	7.375	893	899	902	rBV	2612251	2631940	61.13%	10.296%
9	8.092	1017	1021	1024	rBV	1345592	1153813	26.80%	4.514%
10	9.169	1199	1204	1207	rBV	4412497	4305220	100.00%	16.841%
11	9.557	1267	1270	1279	rVB	244764	224506	5.21%	0.878%
12	9.774	1302	1307	1310	rBV	67104	52846	1.23%	0.207%
13	9.845	1315	1319	1328	rVB2	1346077	1192932	27.71%	4.667%
14	10.274	1384	1392	1395	rBV	146336	121281	2.82%	0.474%
15	10.492	1423	1429	1432	rBV	38857	50142	1.16%	0.196%
16	10.633	1447	1453	1464	rBV	1458152	1435362	33.34%	5.615%
17	10.745	1469	1472	1478	rBV	142183	135391	3.14%	0.530%
18	11.198	1546	1549	1551	rBV	67076	57390	1.33%	0.224%
19	11.333	1568	1572	1576	rBV	1067232	905469	21.03%	3.542%
20	12.739	1808	1811	1816	rVB	126568	103544	2.41%	0.405%
21	12.927	1838	1843	1846	rBV	2948657	2896781	67.29%	11.332%
22	13.445	1928	1931	1935	rBV	89502	79326	1.84%	0.310%
23	13.821	1991	1995	2001	rBV	54086	68083	1.58%	0.266%
24	13.974	2017	2021	2025	rBV	806530	780253	18.12%	3.052%
25	15.439	2265	2270	2282	rBV	475359	625400	14.53%	2.446%

Sum of corrected areas: 25563507

LSC Report - Integrated Chromatogram

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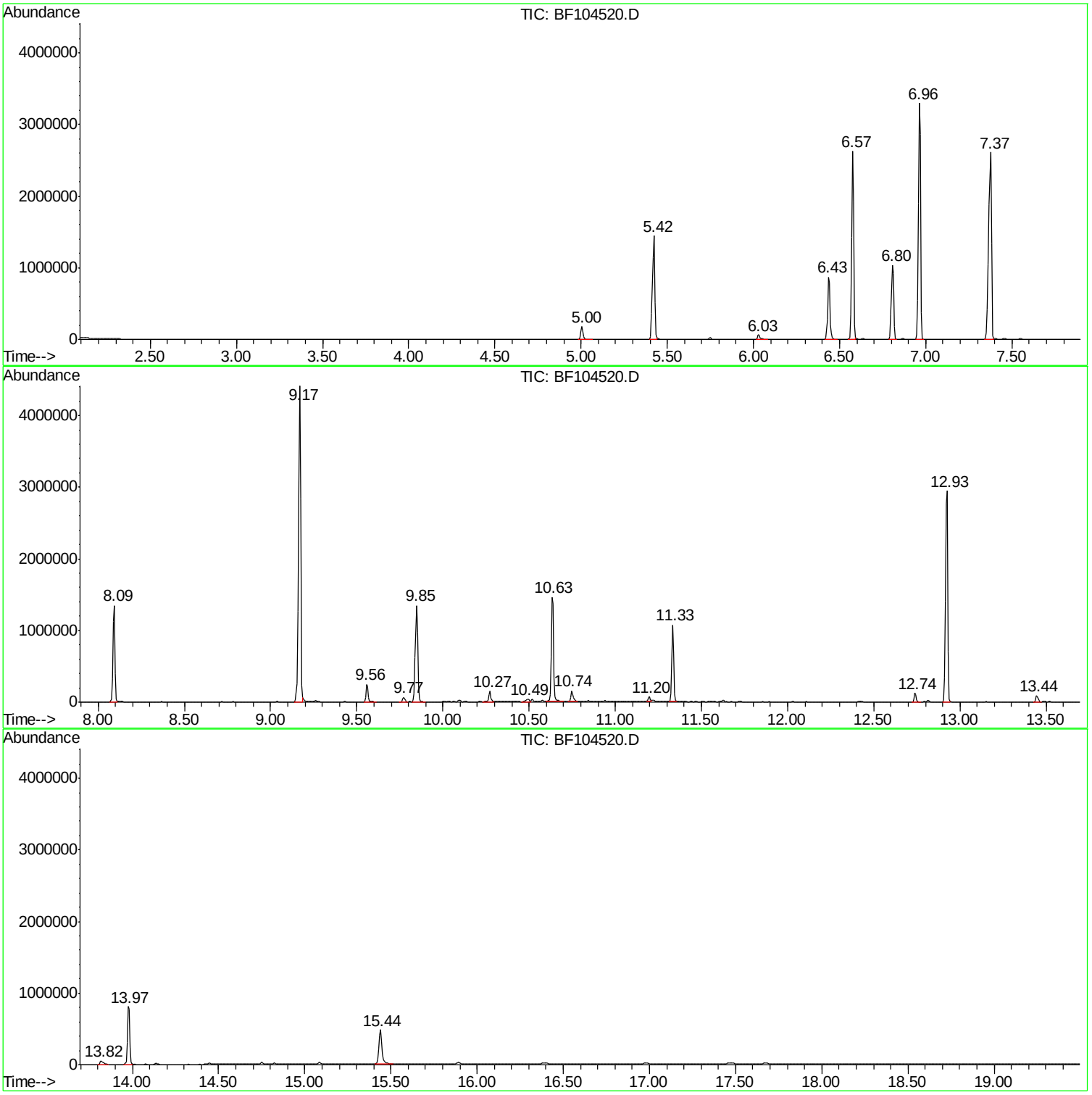
ClientSampleId : 041118-DBRC-E-U-S

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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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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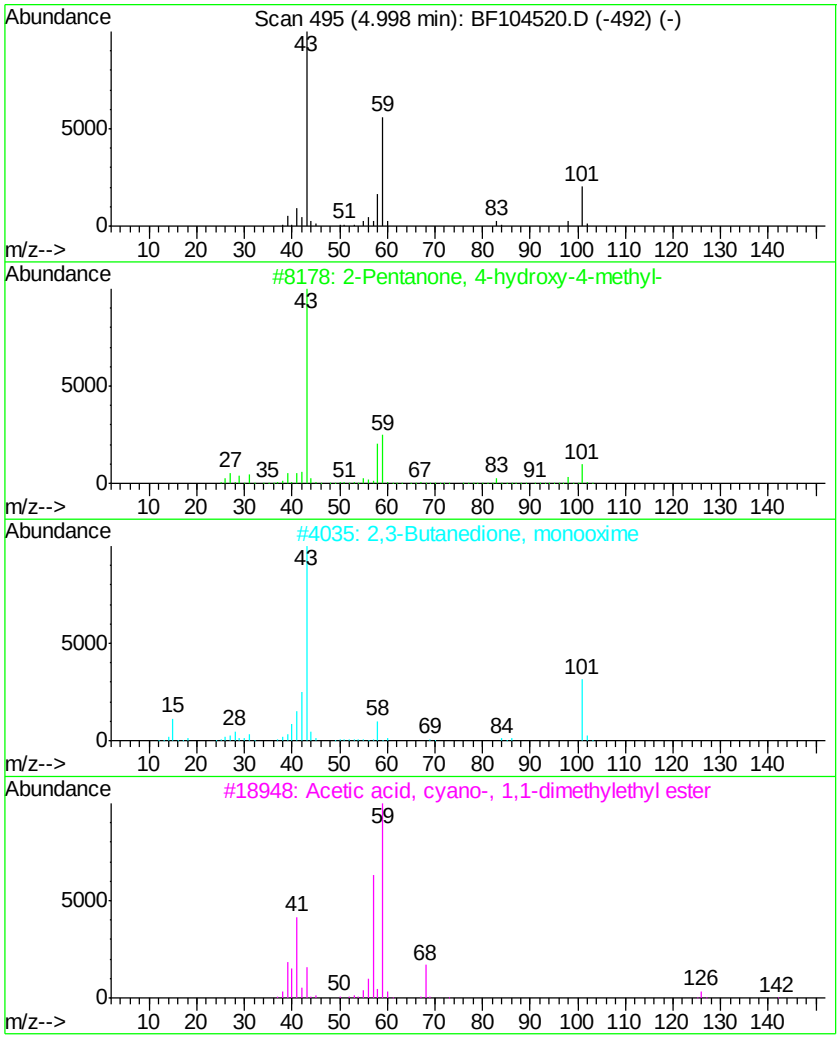
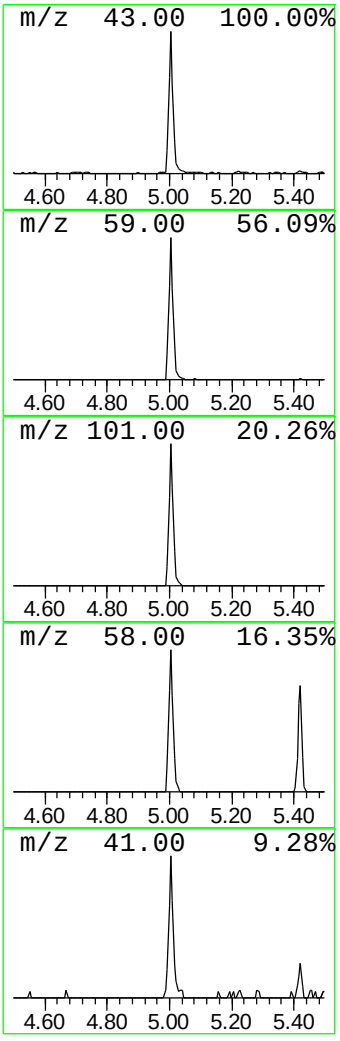
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.99 ng	178128	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-S

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
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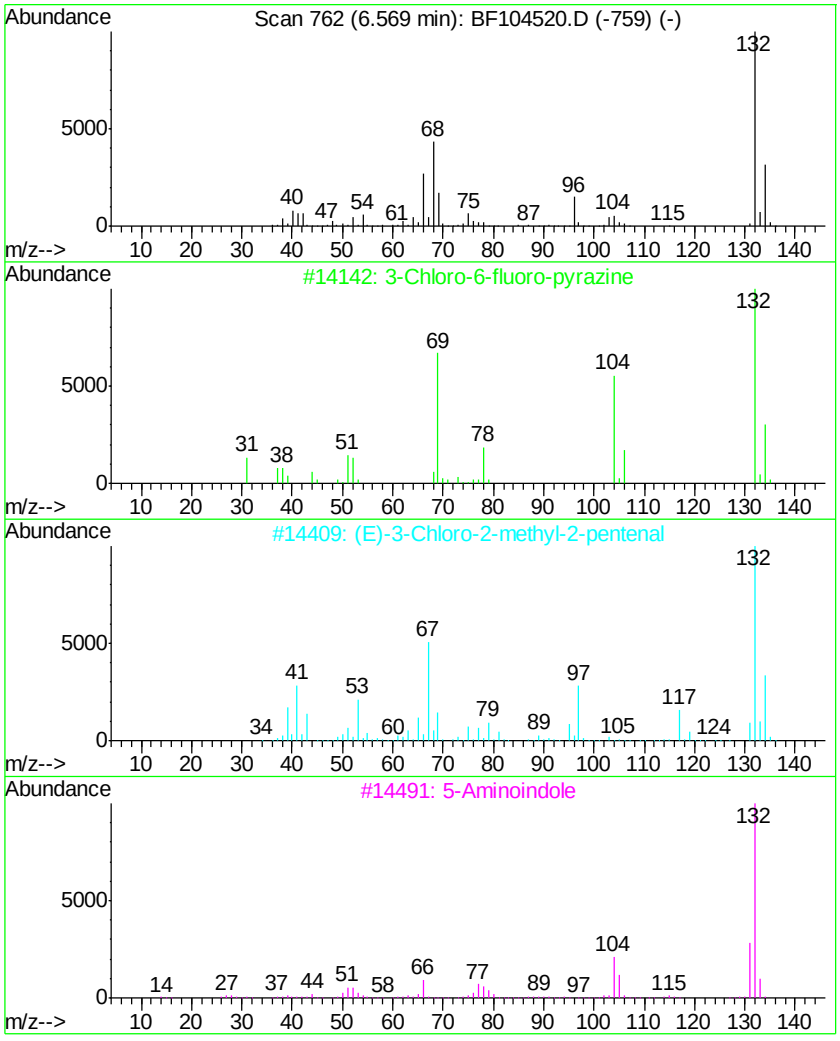
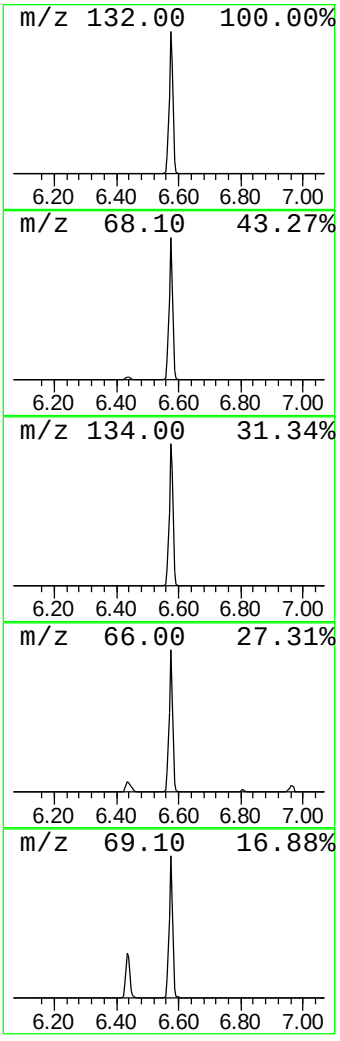
Peak Number 2 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	51.96 ng	2321160	1,4-Dichlorobenzene-d4	6.80

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : J2368-14
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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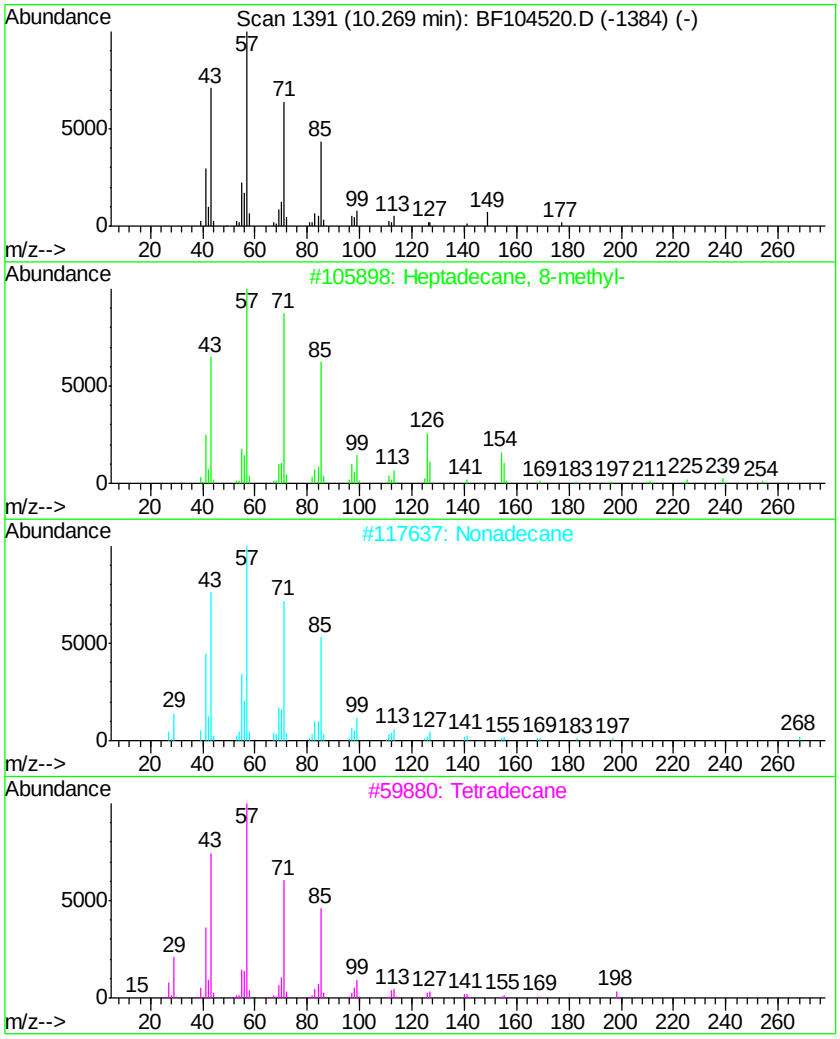
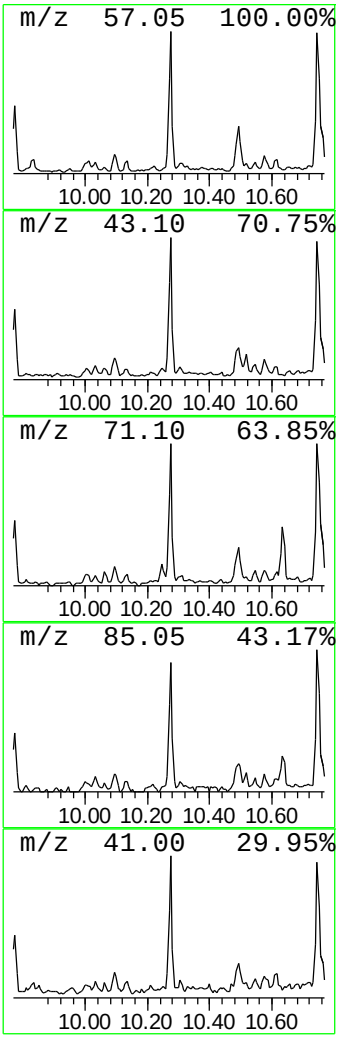
Peak Number 4 Heptadecane, 8-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.03 ng	121281	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Heneicosane	296	C21H44	000629-94-7	83





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Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-S

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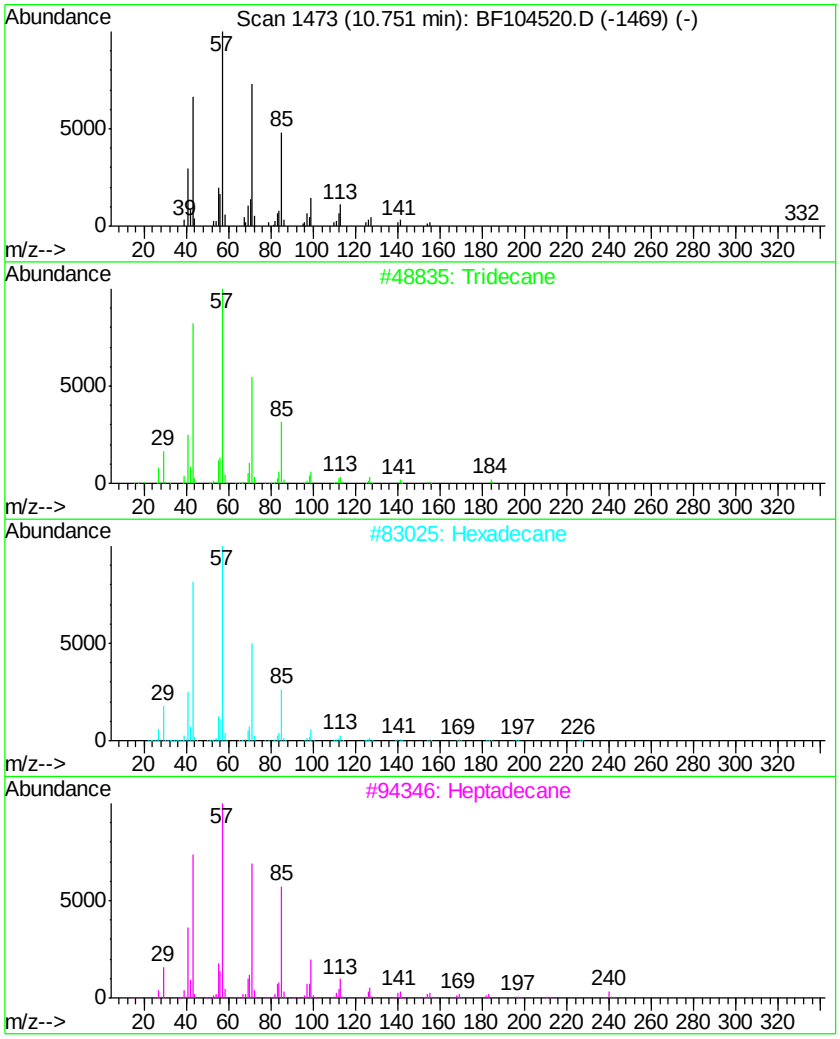
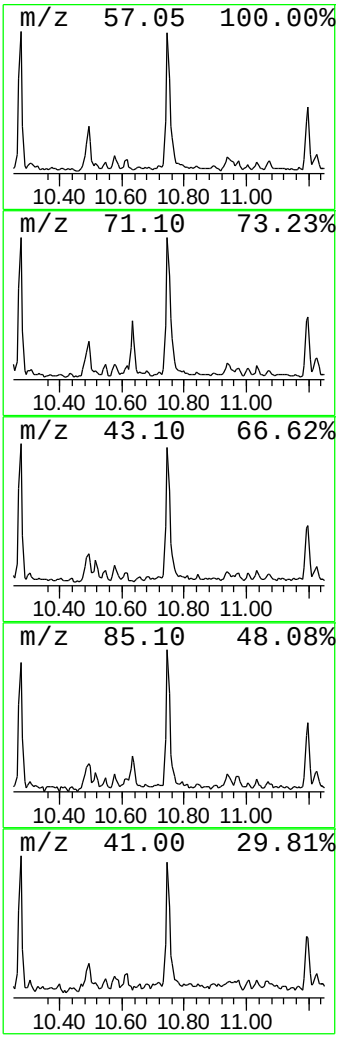
Peak Number 5 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.99 ng	135391	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Instrument : BNA_F
ClientSampleId : 041118-DBRC-E-U-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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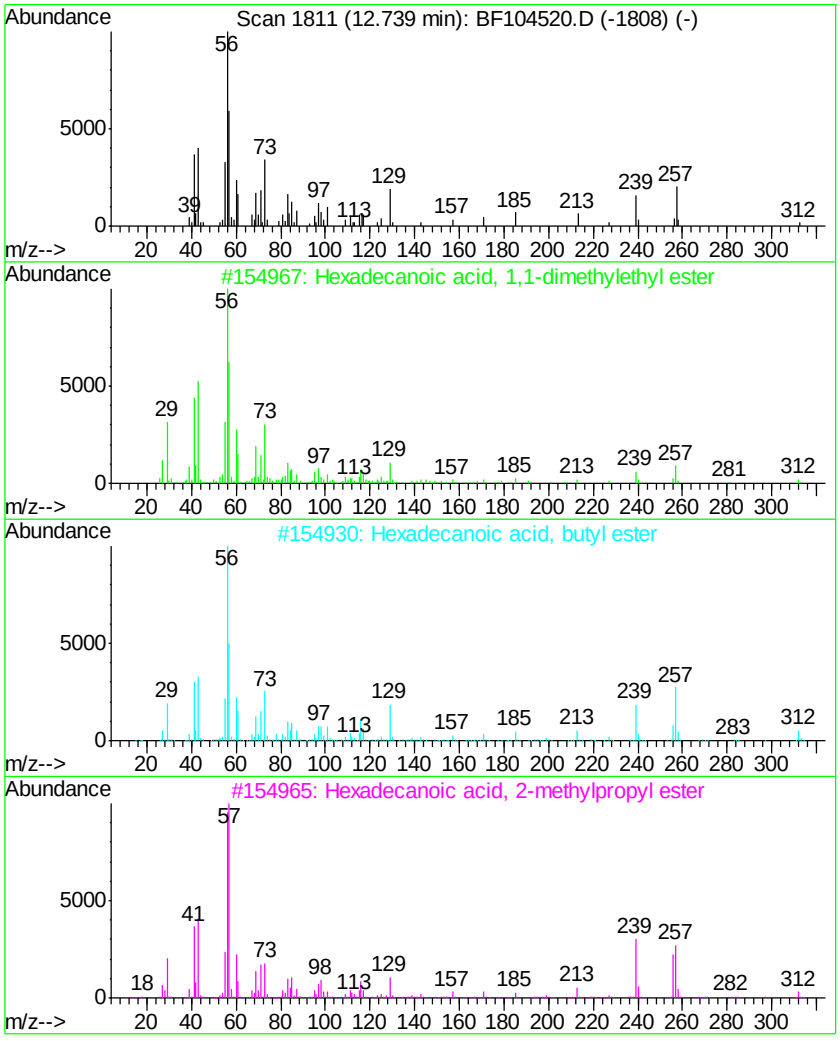
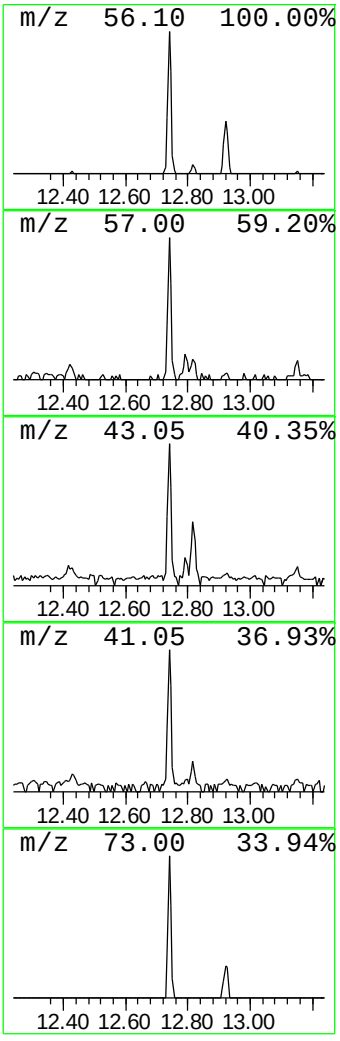
Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	2.65 ng	103544	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	97
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30
5	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	27





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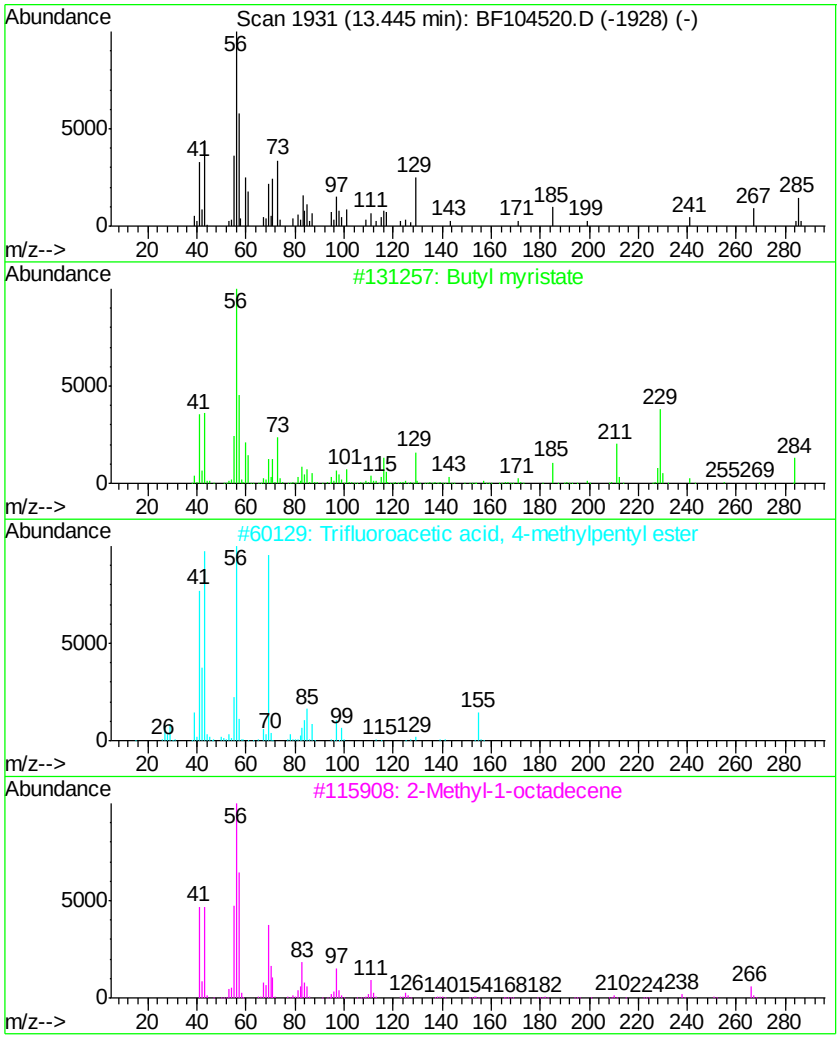
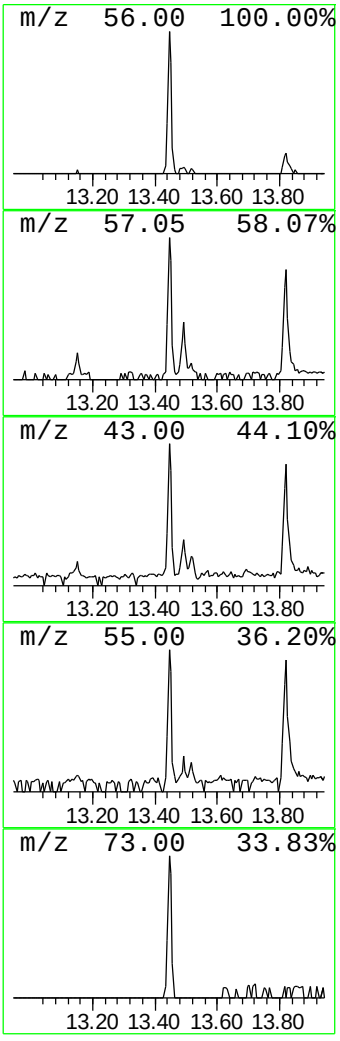
Peak Number 7 Butyl myristate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.03 ng	79326	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	59
2	Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	35
3	2-Methyl-1-octadecene	266	C19H38	061868-20-0	35
4	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	32
5	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	32





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	4.0	ng	178128	1	6.80	893409	20.0
unknown6.57	6.57	52.0	ng	2321160	1	6.80	893409	20.0
Heptadecane, 8-me...	10.27	2.0	ng	121281	3	9.85	1192930	20.0
Tridecane	10.75	3.0	ng	135391	4	11.33	905469	20.0
Hexadecanoic acid...	12.74	2.7	ng	103544	5	13.98	780253	20.0
Butyl myristate	13.44	2.0	ng	79326	5	13.98	780253	20.0