LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104772.D
Acq On : 24 Apr 2018 22:22
Operator : JU/SJ
Sample : J2509-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

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	5.028	496	500	510	rBV	91977	122536	4.29%	0.502%
2	5.440	564	570	573	rBV	2549451	2715148	95.07%	11.130%
3	6.457	738	743	746	rBV	2398231	2741024	95.98%	11.236%
4	6.587	760	765	768	rBV	3062277	2855926	100.00%	11.708%
5	6.810	799	803	806	rBV	730082	593169	20.77%	2.432%
6	6.969	825	830	833	rBV	2485683	2245612	78.63%	9.206%
7	7.381	894	900	903	rBV	1643952	1711351	59.92%	7.015%
8	8.092	1017	1021	1027	rBV	883714	742448	26.00%	3.044%
9	9.169	1200	1204	1207	rBV	3235991	2851526	99.85%	11.689%
10	9.563	1267	1271	1279	rBV	329582	287655	10.07%	1.179%
11	9.769	1303	1306	1310	rBV	57325	44783	1.57%	0.184%
12	9.851	1316	1320	1328	rBV	889940	782681	27.41%	3.209%
13	10.269	1389	1391	1395	rVB	60535	48817	1.71%	0.200%
14	10.645	1451	1455	1463	rBV	1799301	1685553	59.02%	6.910%
15	10.745	1469	1472	1480	rVB2	61679	77959	2.73%	0.320%
16	11.339	1569	1573	1577	rBV	763737	706810	24.75%	2.897%
17	12.133	1705	1708	1715	rBV	96152	106059	3.71%	0.435%
18	12.357	1743	1746	1748	rBV2	30751	32342	1.13%	0.133%
19	12.927	1839	1843	1847	rBV	2366987	2356407	82.51%	9.660%
20	13.815	1990	1994	2000	rBV	221539	252097	8.83%	1.033%
21	13.986	2019	2023	2027	rBV	595157	604454	21.16%	2.478%
22	14.457	2099	2103	2112	rBV8	34992	82688	2.90%	0.339%
23	15.086	2207	2210	2214	rVB	144188	153007	5.36%	0.627%
24	15.462	2269	2274	2279	rBV2	343308	446782	15.64%	1.832%
25	15.892	2343	2347	2352	rBV	100534	147122	5.15%	0.603%

Sum of corrected areas: 24393956

LSC Report - Integrated Chromatogram

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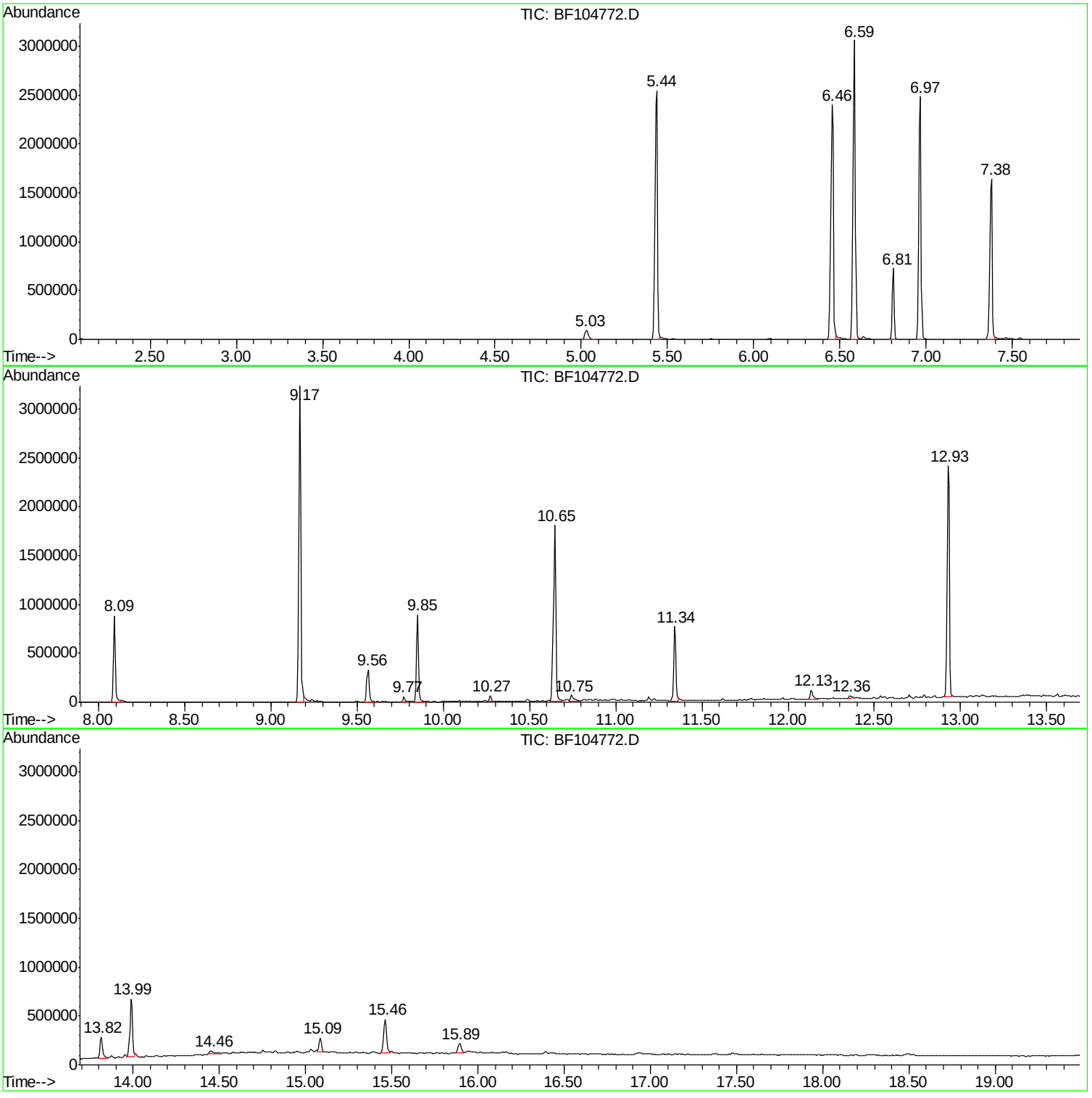
Instrument : BNA_F
ClientSampleId : WS-DRUM

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

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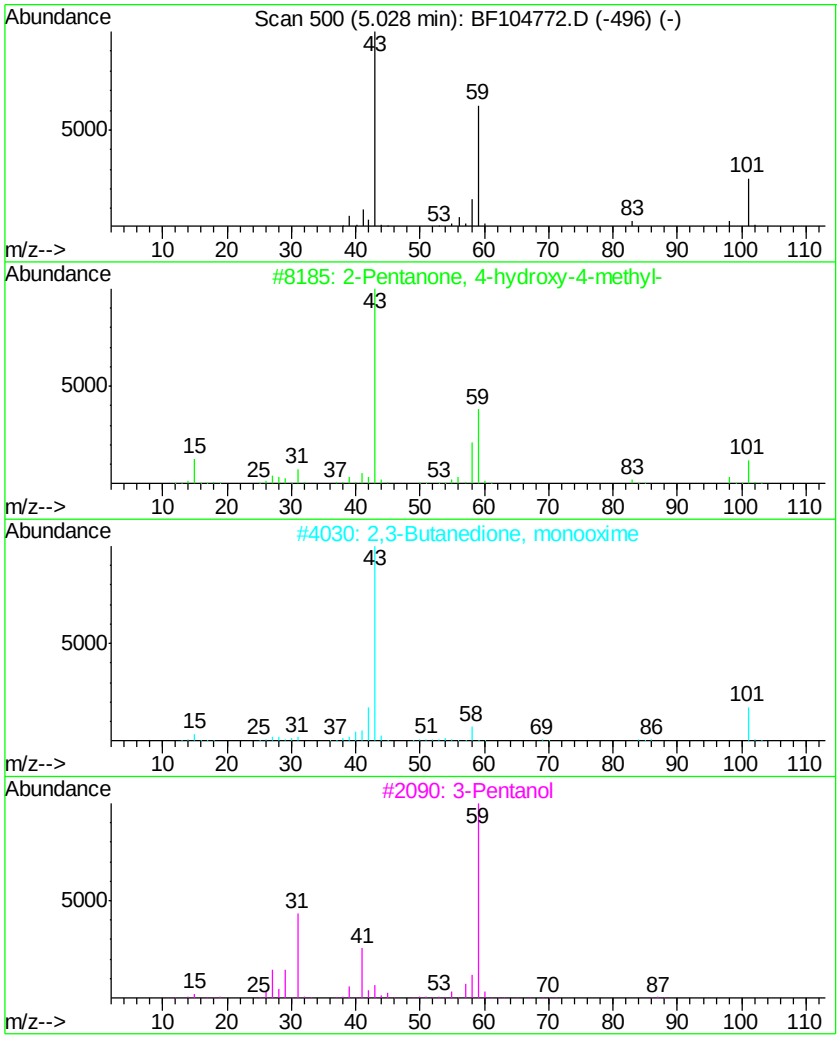
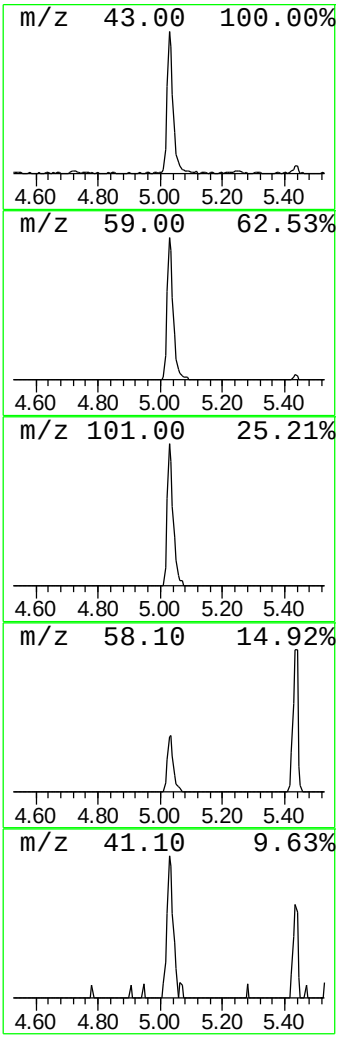
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.13 ng	122536	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	3-Pentanol	88	C5H12O	000584-02-1	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId : WS-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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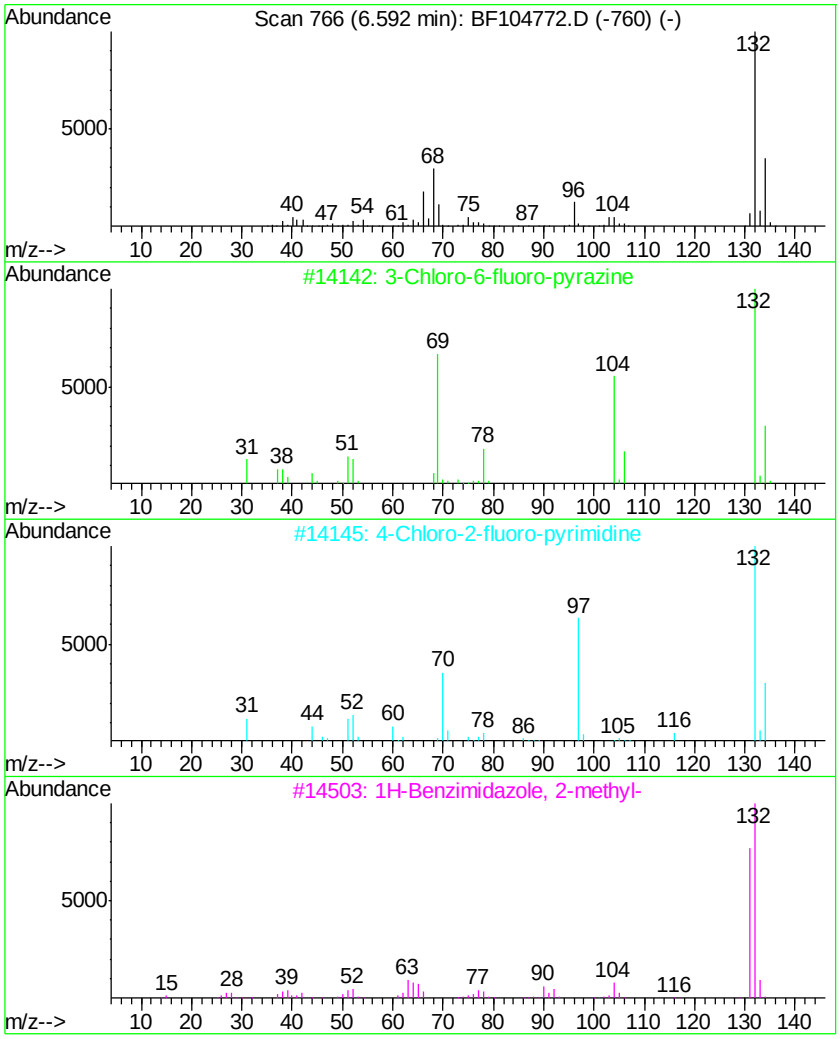
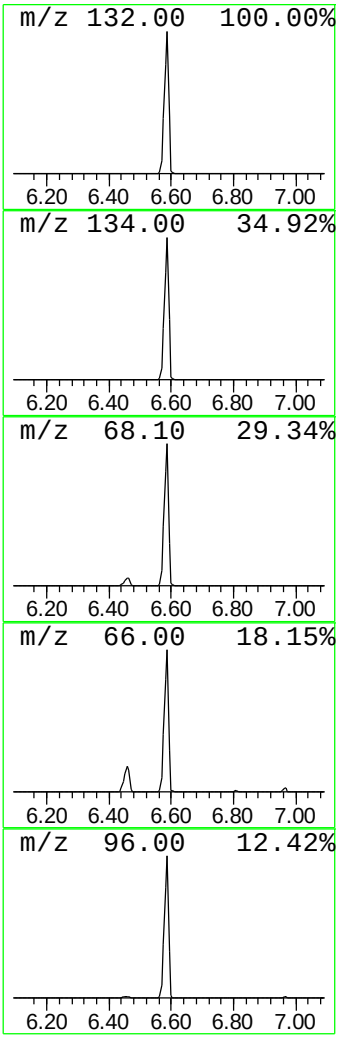
Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	96.29 ng	2855930	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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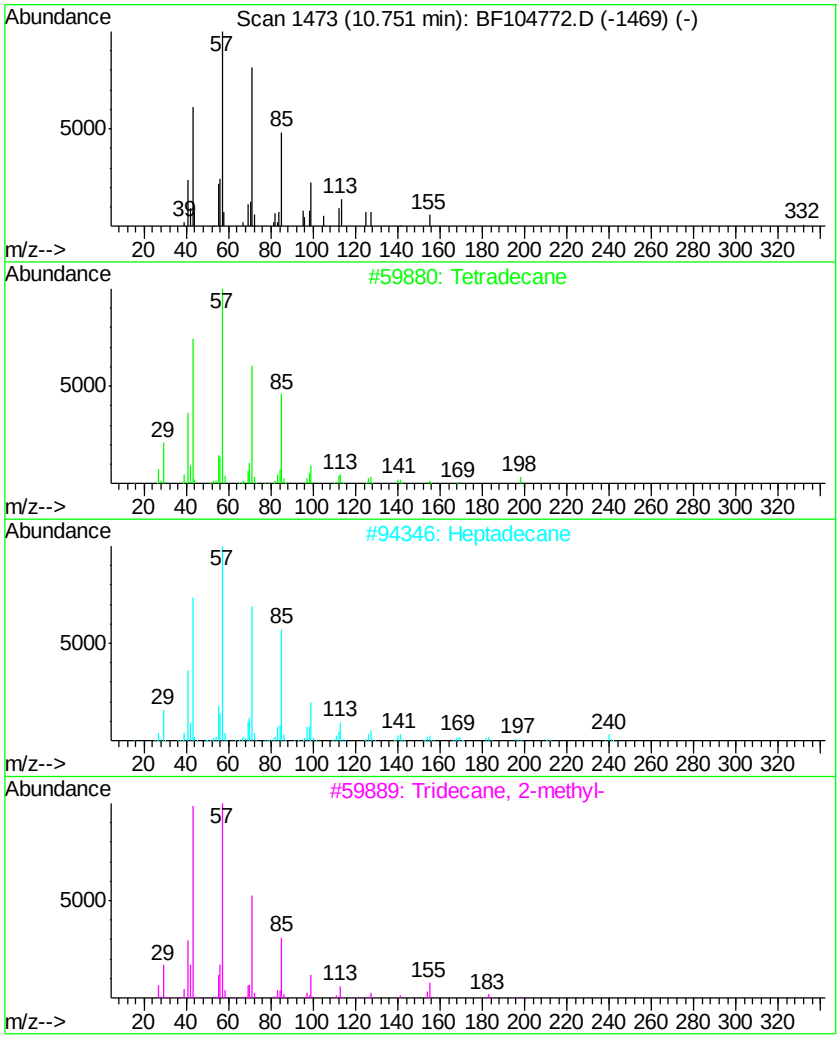
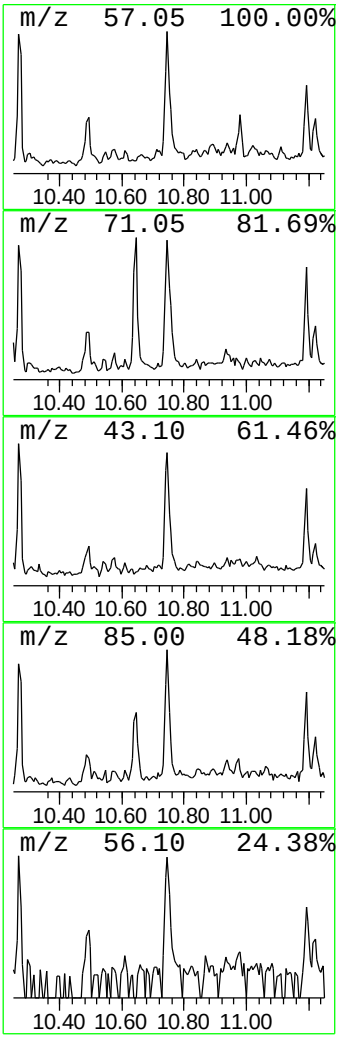
Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.21 ng	77959	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Hexadecane	226	C16H34	000544-76-3	78





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Sample : J2509-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

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TIC Library : C:\DATABASE\NIST11.L
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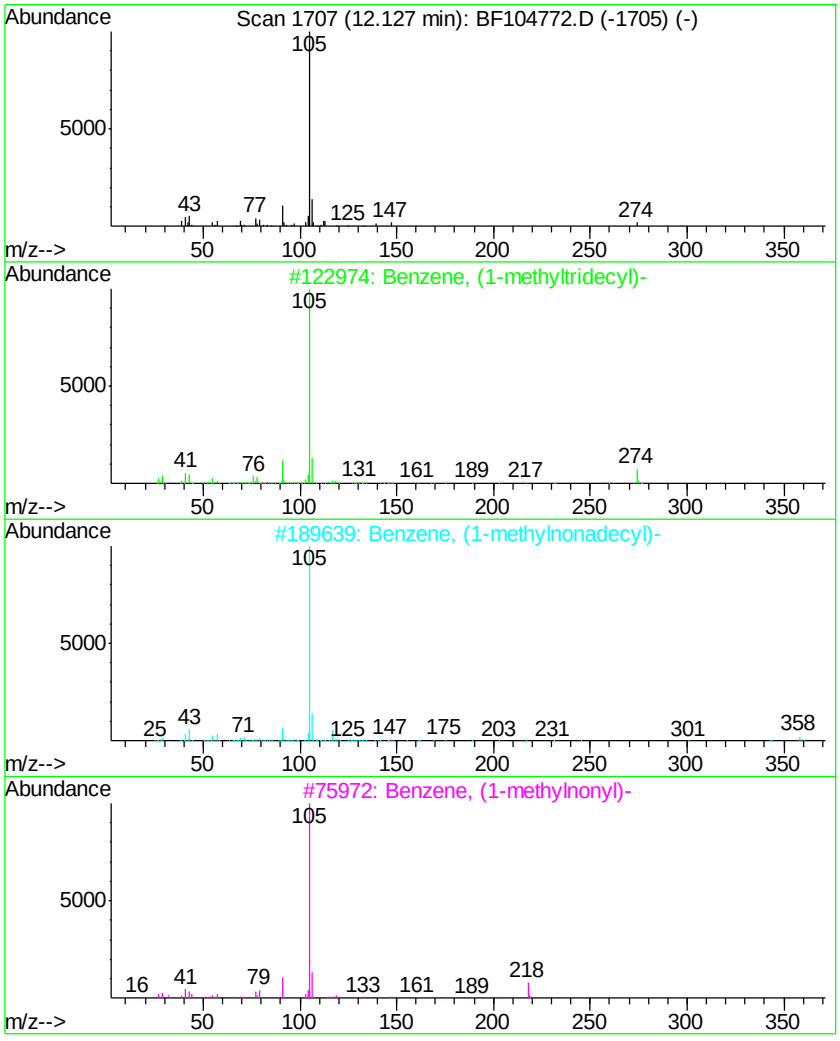
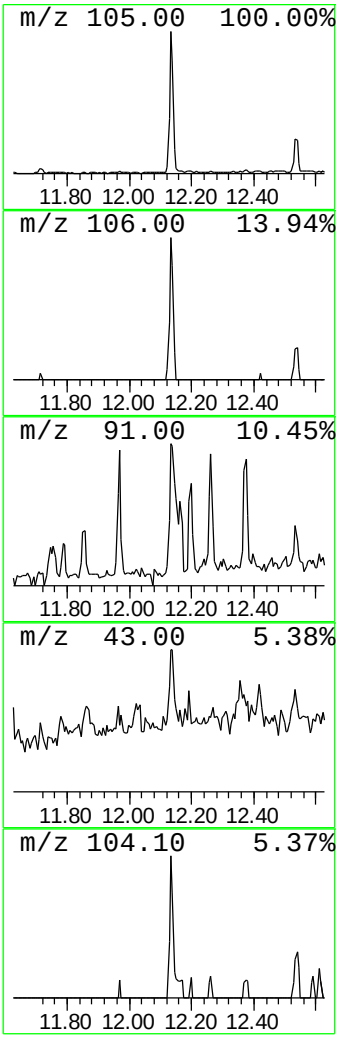
Peak Number 5 Benzene, (1-methyltridecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.00 ng	106059	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	72
2	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	64
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	59
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	59





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Instrument : BNA_F
ClientSampleId : WS-DRUM

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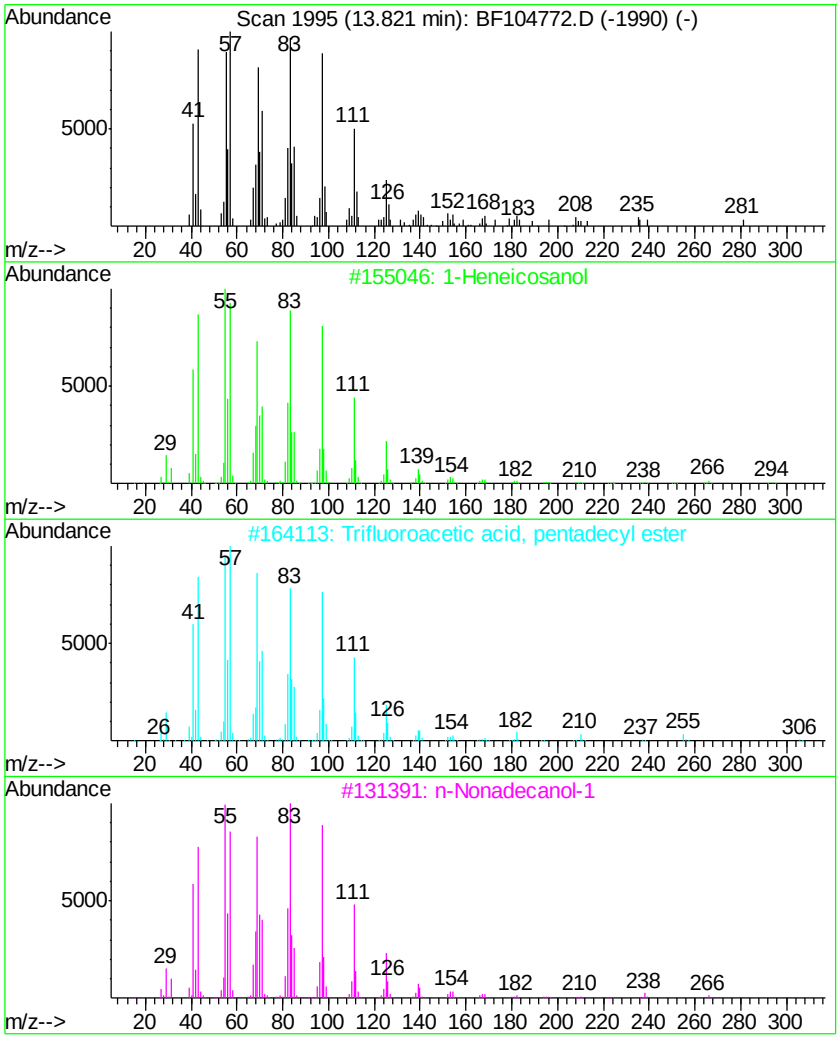
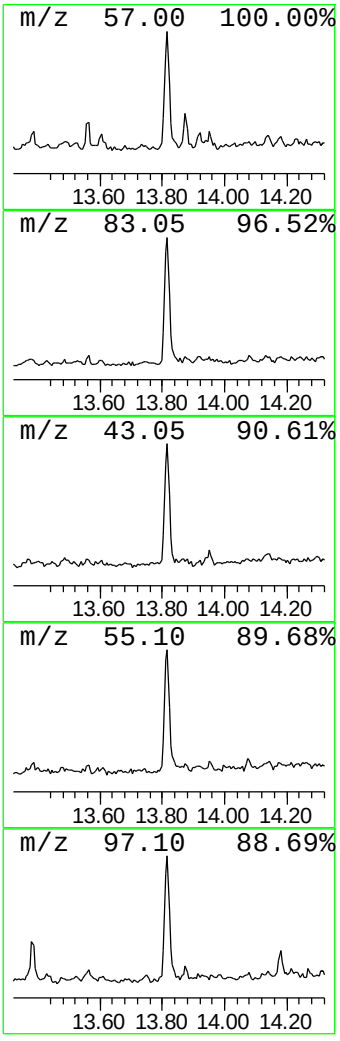
Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.34 ng	252097	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
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ClientSampleId : WS-DRUM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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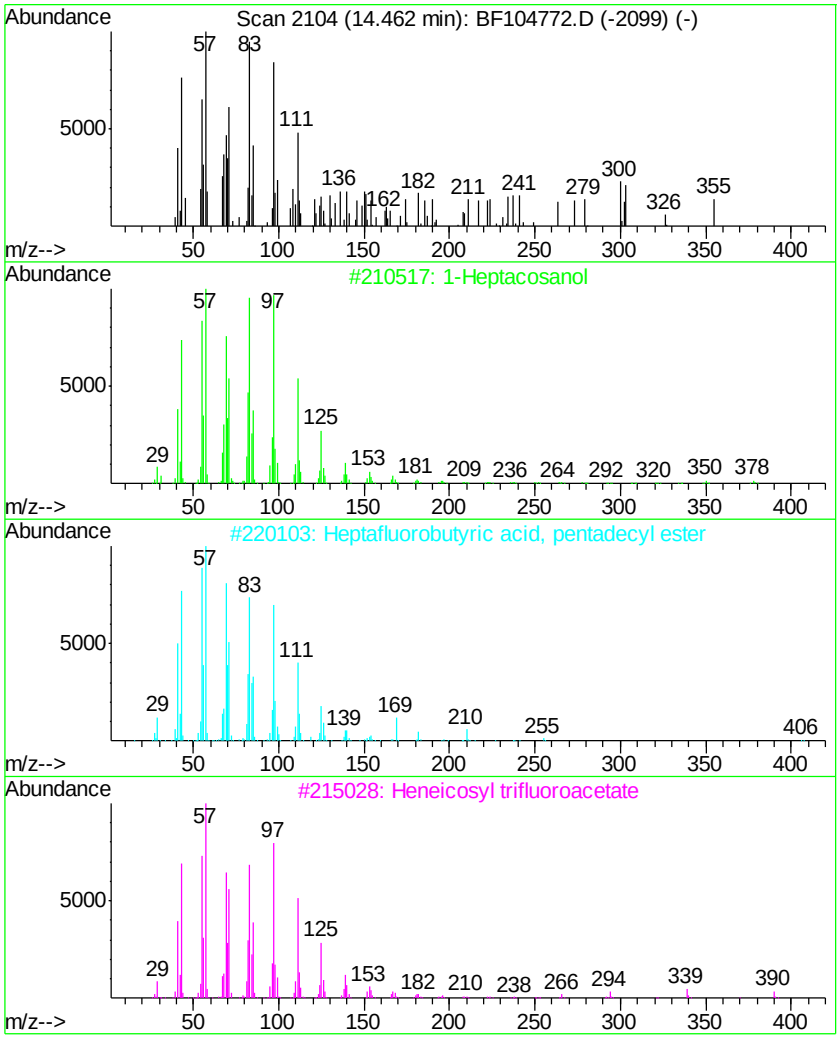
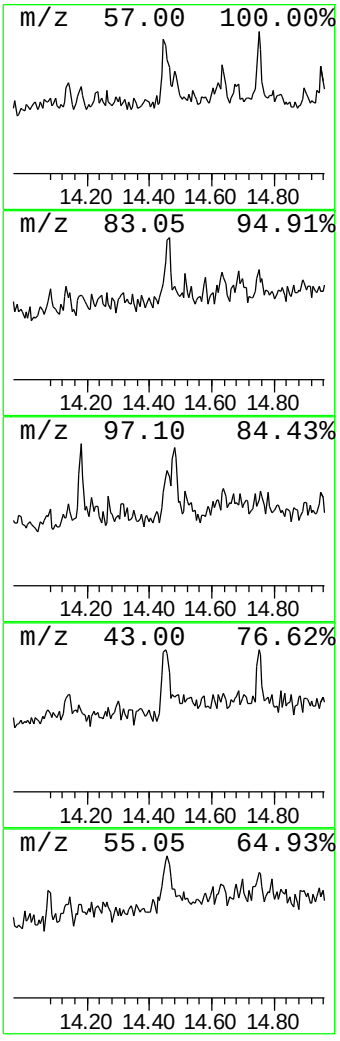
Peak Number 7 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.74 ng	82688	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	68
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	64
3	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	60
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	60
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	60





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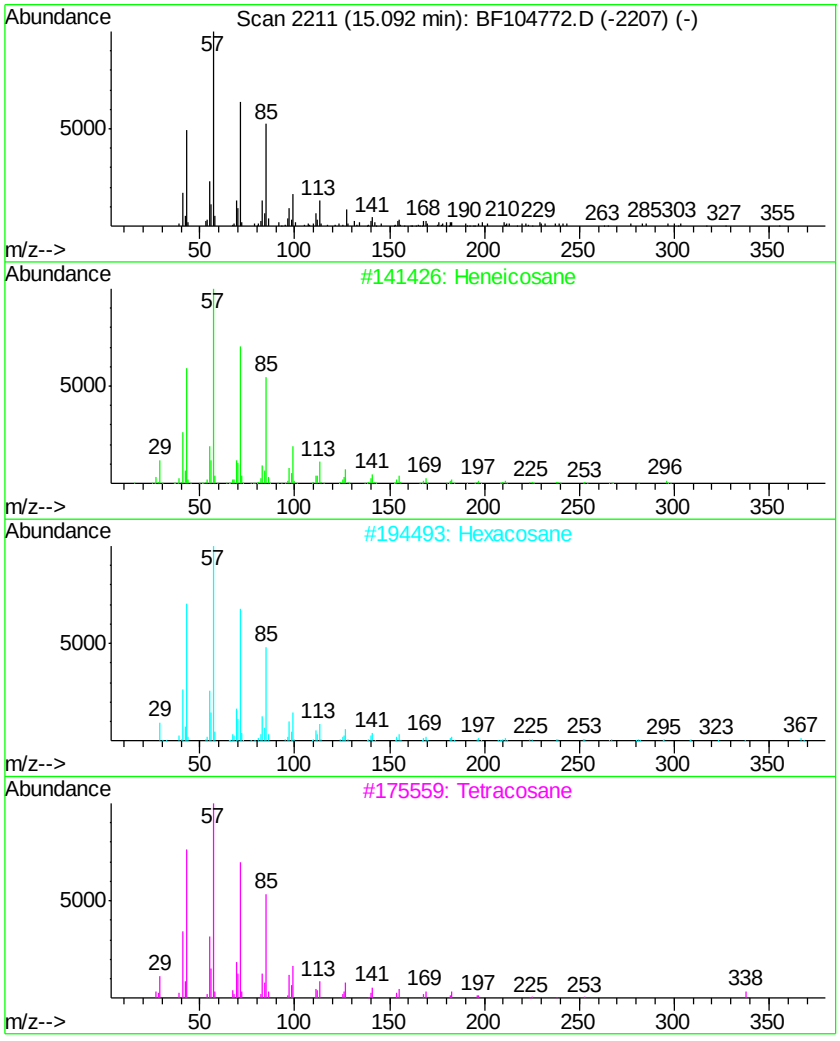
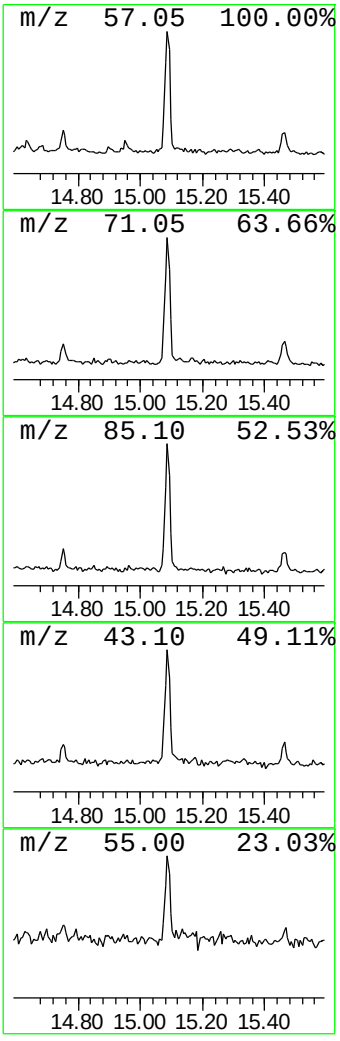
Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	6.85 ng	153007	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Heptadecane	240	C17H36	000629-78-7	87





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...	5.03	4.1	ng	122536	1	6.81	593169	20.0
unknown6.59	6.59	96.3	ng	2855930	1	6.81	593169	20.0
Tetradecane	10.75	2.2	ng	77959	4	11.34	706810	20.0
Benzene, (1-methy...	12.13	3.0	ng	106059	4	11.34	706810	20.0
1-Heneicosanol	13.82	8.3	ng	252097	5	13.99	604454	20.0
1-Heptacosanol	14.46	2.7	ng	82688	5	13.99	604454	20.0
Heneicosane	15.09	6.8	ng	153007	6	15.46	446782	20.0