LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094625.D
Acq On : 26 Apr 2017 1:33
Operator : SJ/MA
Sample : I2820-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB435B

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-BF041717.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	3.907	331	335	347	rBV	295275	341760	12.08%	1.449%
2	4.307	398	403	416	rBV	2646249	2691216	95.11%	11.408%
3	5.384	579	586	589	rBV	2629145	2685473	94.90%	11.383%
4	5.507	602	607	610	rBV	2987525	2780804	98.27%	11.787%
5	5.754	645	649	653	rBV	776324	671914	23.75%	2.848%
6	5.931	675	679	682	rBV	2347926	2128075	75.21%	9.021%
7	6.401	754	759	762	rBV	1572665	1628871	57.56%	6.905%
8	7.248	899	903	910	rBV	975388	888345	31.39%	3.766%
9	7.560	952	956	958	rBV	145576	143000	5.05%	0.606%
10	7.589	958	961	969	rVB	184100	182318	6.44%	0.773%
11	7.701	975	980	984	rBV	29917	34025	1.20%	0.144%
12	8.572	1123	1128	1131	rBV	2937035	2829658	100.00%	11.995%
13	8.760	1156	1160	1163	rBV	37048	36206	1.28%	0.153%
14	9.072	1209	1213	1217	rBV	324077	290101	10.25%	1.230%
15	9.383	1259	1266	1271	rBV	826548	842532	29.78%	3.571%
16	9.977	1364	1367	1371	rVB	37445	33459	1.18%	0.142%
17	10.360	1427	1432	1442	rBV	1111878	1202118	42.48%	5.096%
18	10.560	1462	1466	1469	rBV	49110	60482	2.14%	0.256%
19	11.118	1557	1561	1564	rBV	38784	35497	1.25%	0.150%
20	11.201	1571	1575	1579	rBV	658650	672512	23.77%	2.851%
21	11.554	1631	1635	1644	rBV	78452	101292	3.58%	0.429%
22	11.942	1696	1701	1708	rBV2	35085	53814	1.90%	0.228%
23	12.571	1802	1808	1814	rBV4	20720	29703	1.05%	0.126%
24	13.183	1907	1912	1916	rBV	1900726	1898417	67.09%	8.047%
25	14.348	2106	2110	2119	rBV	57144	94234	3.33%	0.399%
26	14.454	2123	2128	2137	rVV	639610	700080	24.74%	2.968%
27	16.083	2401	2405	2415	rBV	439496	535288	18.92%	2.269%

Sum of corrected areas: 23591194

LSC Report - Integrated Chromatogram

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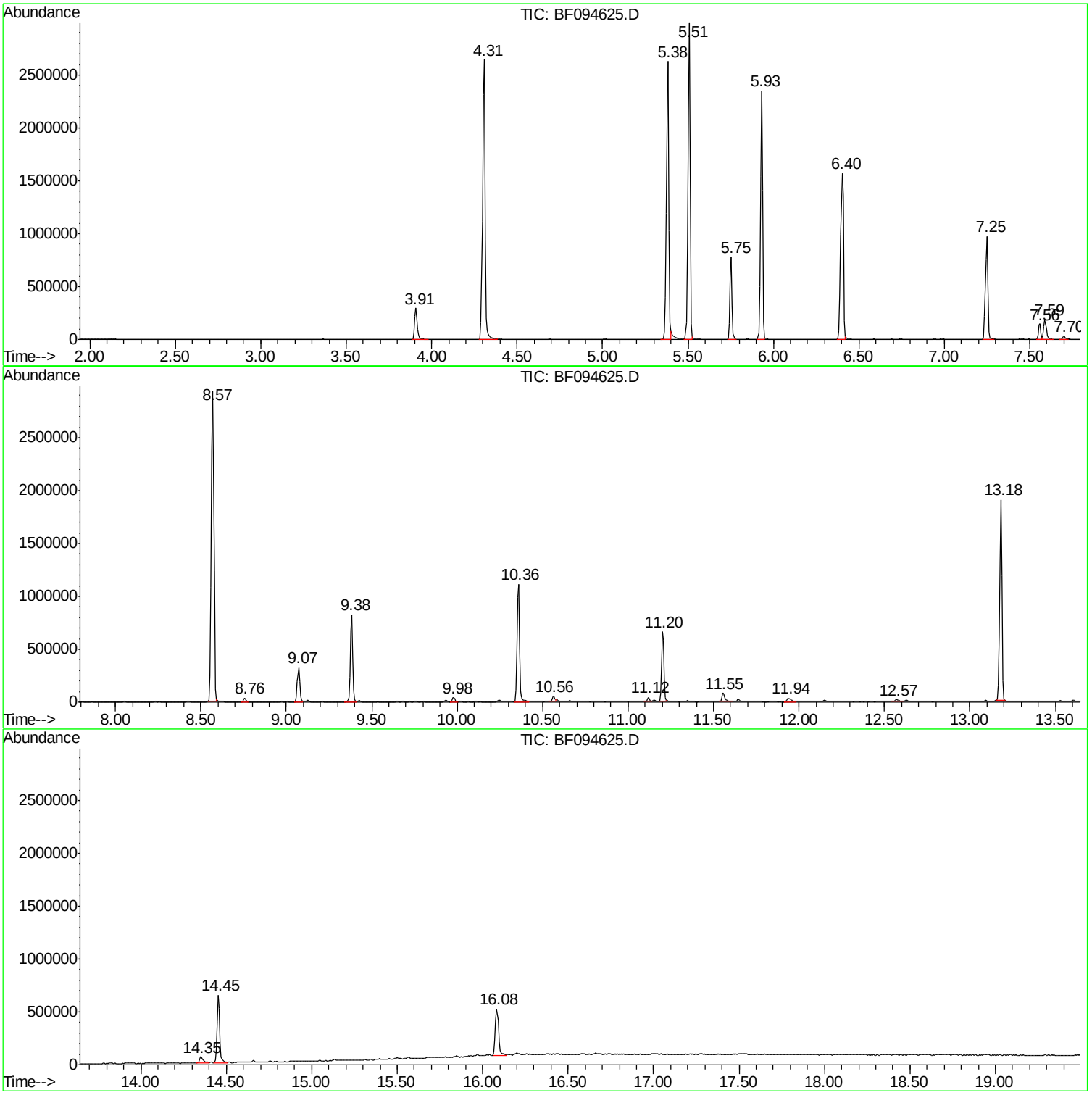
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB435B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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 : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094625.D
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Sample : I2820-04
Misc :
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ClientSampleId : HY-SB435B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

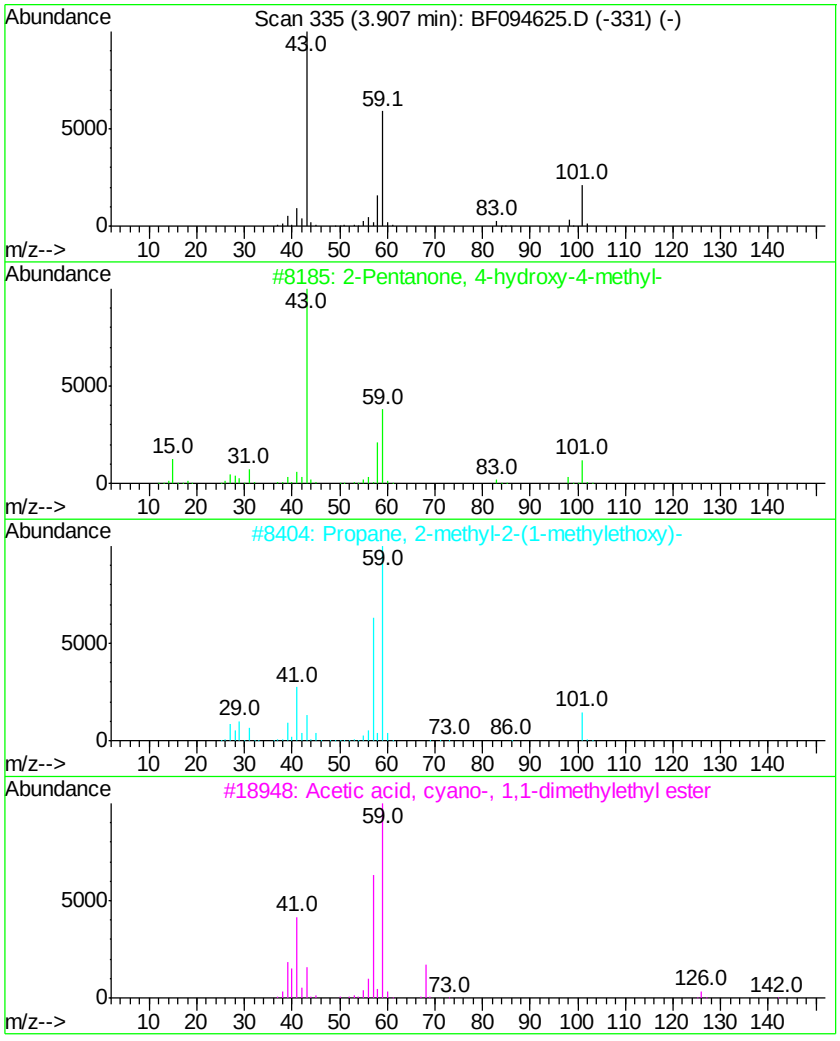
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

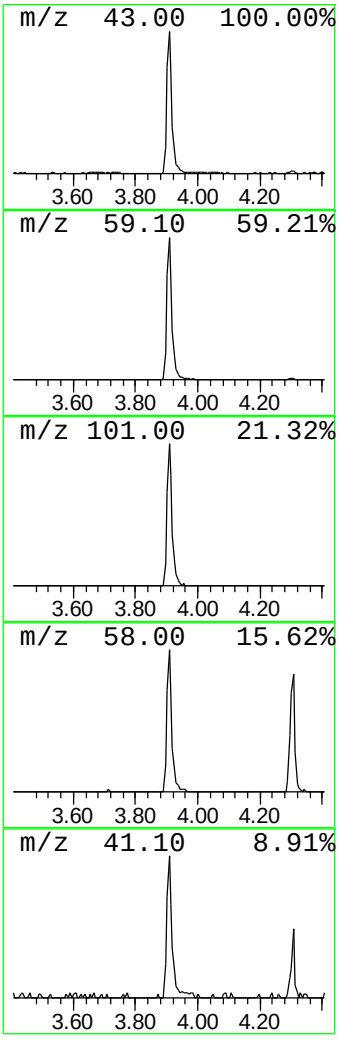
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	10.17 ng	341760	1,4-Dichlorobenzene-d4	5.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BF094625.D
Acq On : 26 Apr 2017 1:33
Operator : SJ/MA
Sample : I2820-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB435B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

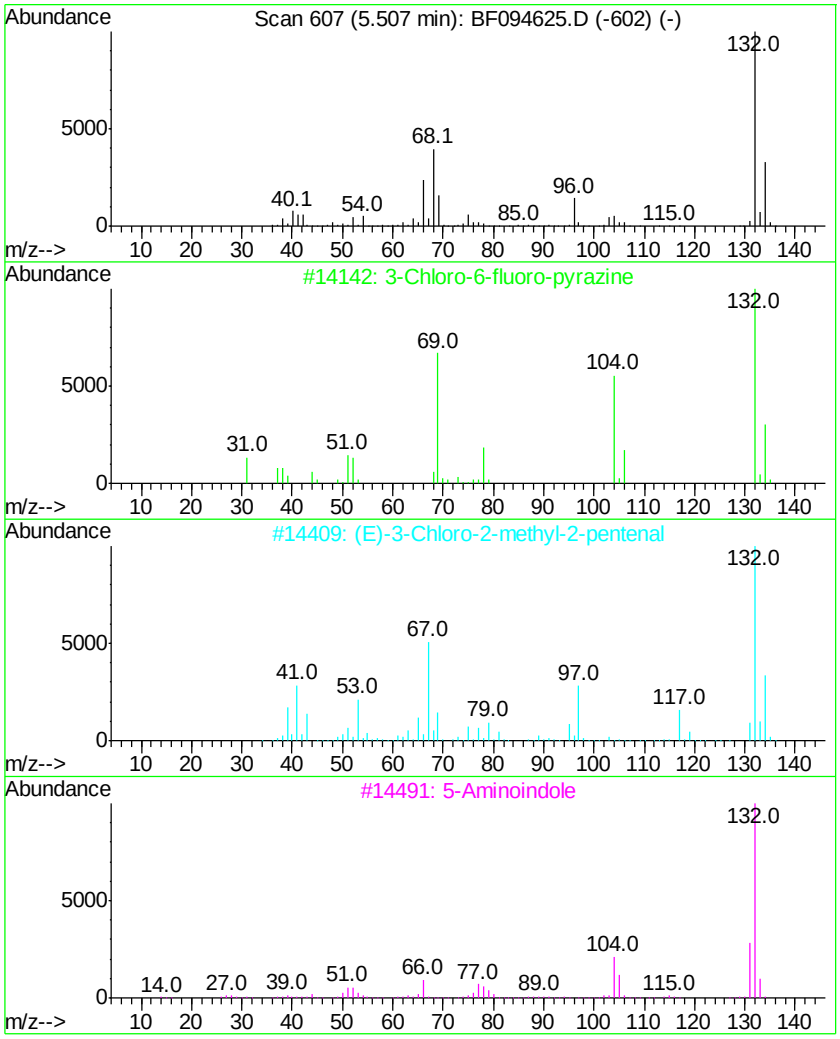
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

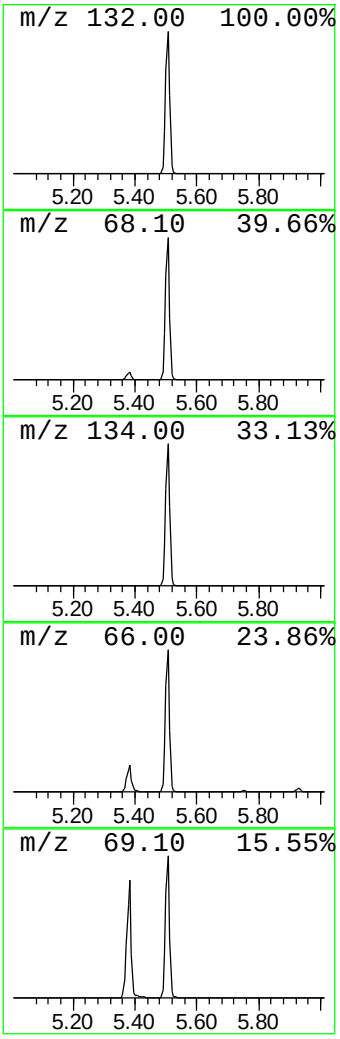
****

Peak Number 2 unknown5.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	82.77 ng	2780800	1,4-Dichlorobenzene-d4	5.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : SJ/MA
Sample : I2820-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB435B

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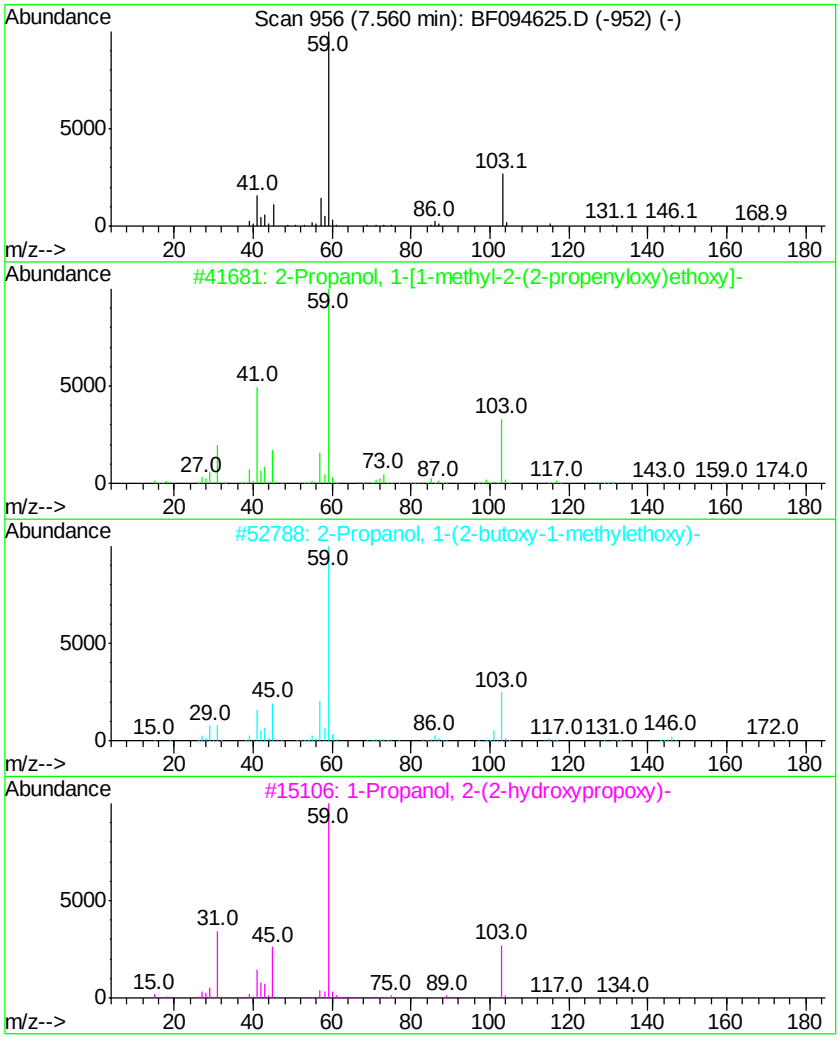
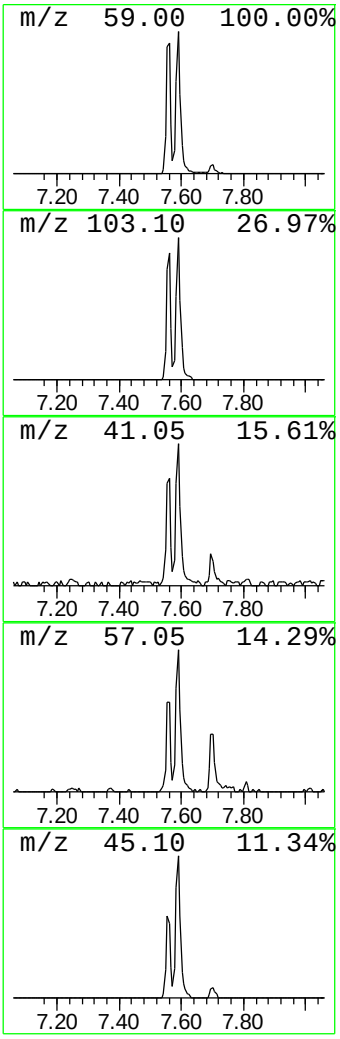
Peak Number 4 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	3.22 ng	143000	Naphthalene-d8	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
2	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	74
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	64
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64





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Operator : SJ/MA
Sample : I2820-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB435B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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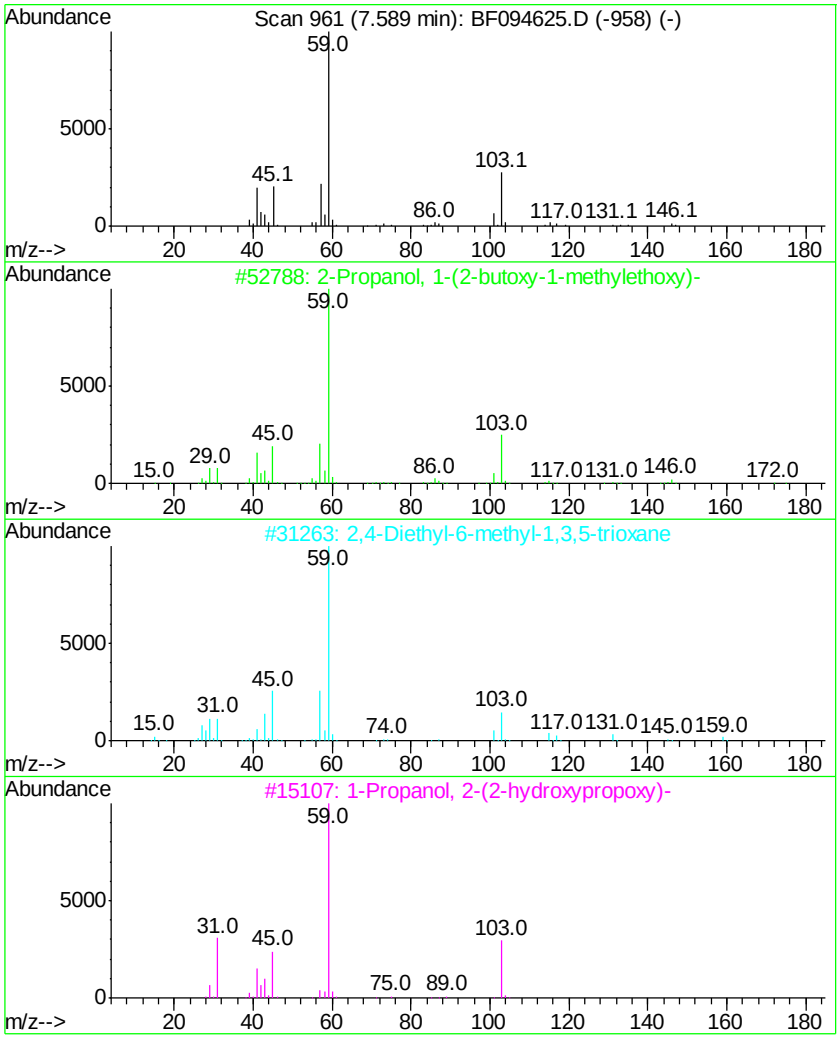
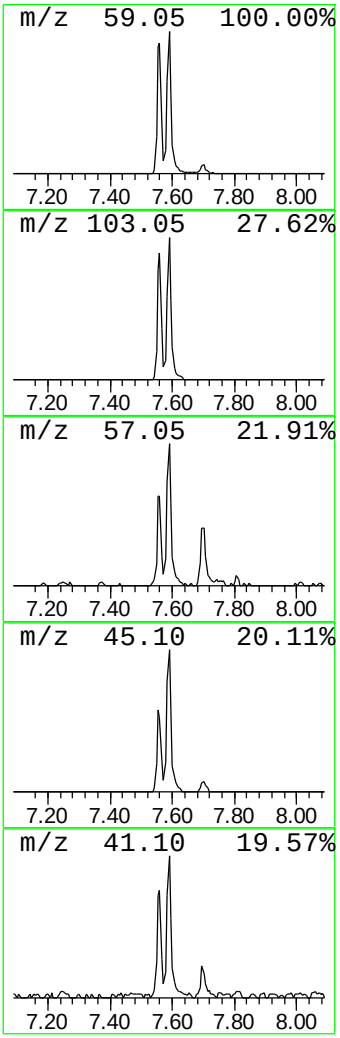
Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.10 ng	182318	Naphthalene-d8	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	90
2	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	78
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64





Library Search Compound Report

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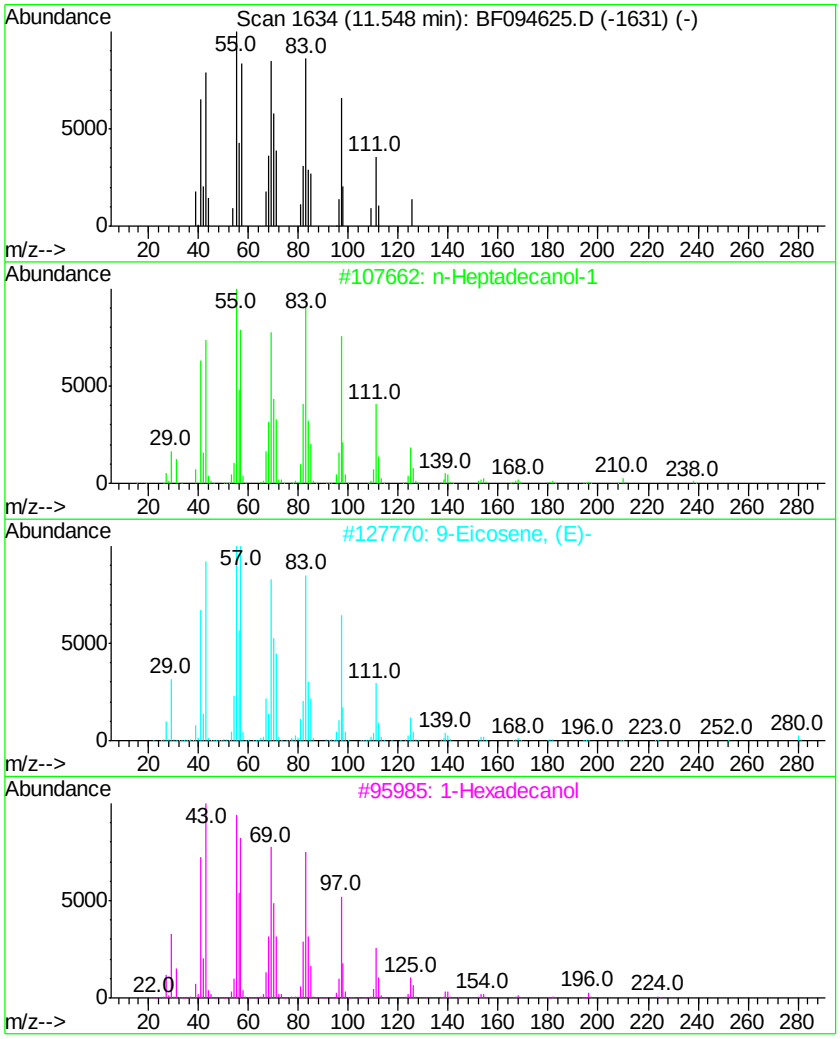
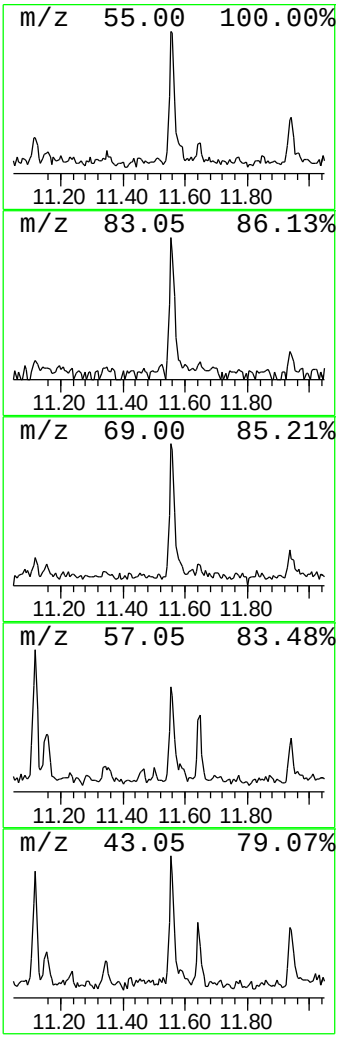
****

Peak Number 6 n-Heptadecanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	3.01 ng	101292	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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Sample : I2820-04
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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
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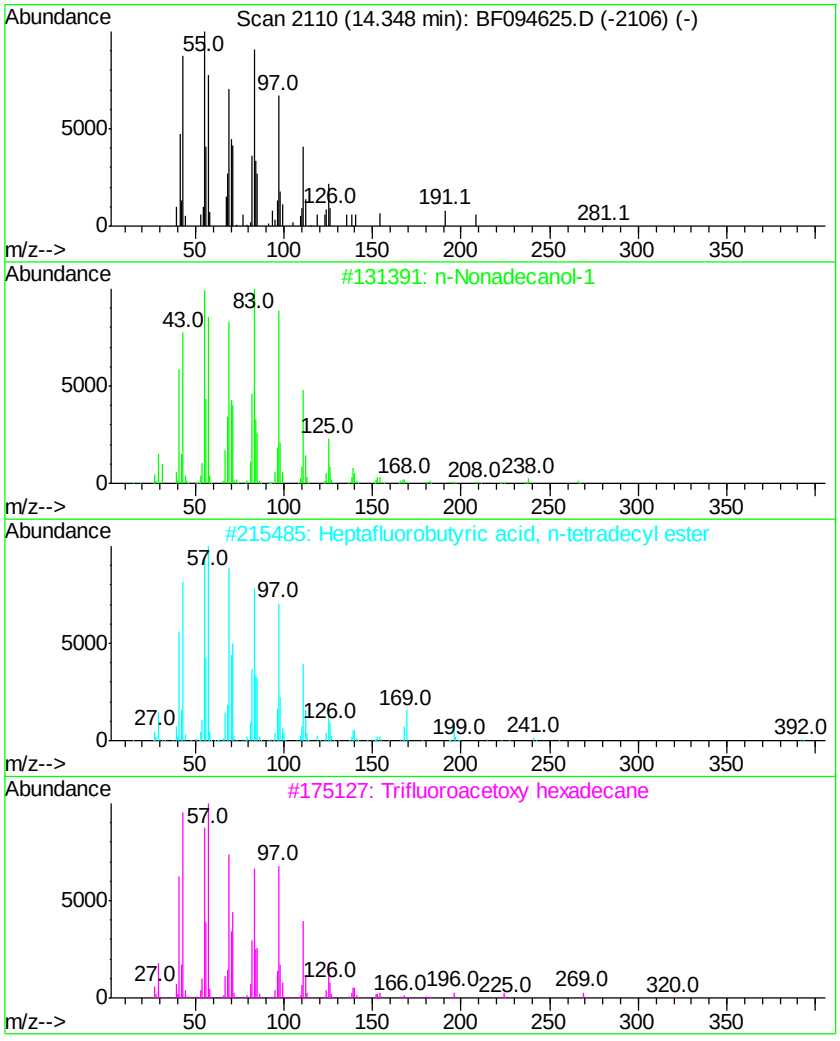
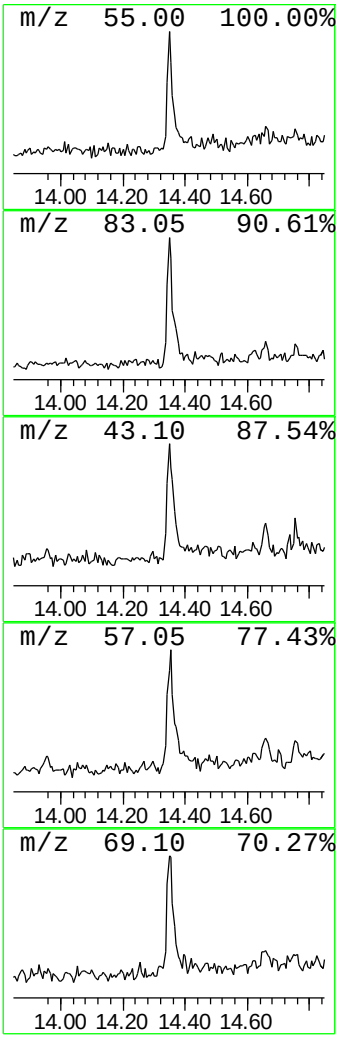
Peak Number 7 n-Nonadecanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.69 ng	94234	Chrysene-d12	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	94
5	11-Tricosene	322	C23H46	052078-56-5	91





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	3.91	10.2	ng	341760	1	5.75	671914	20.0
unknown5.51	5.51	82.8	ng	2780800	1	5.75	671914	20.0
2-Propanol, 1-[1-...	7.56	3.2	ng	143000	2	7.25	888345	20.0
2-Propanol, 1-(2-...	7.59	4.1	ng	182318	2	7.25	888345	20.0
n-Heptadecanol-1	11.55	3.0	ng	101292	4	11.20	672512	20.0
n-Nonadecanol-1	14.35	2.7	ng	94234	5	14.45	700080	20.0