LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081716.D
Acq On : 21 Sep 2015 16:01
Operator : UM/IZ
Sample : G3717-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-4-9-16-15

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-BF090115.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	1.201	7	10	13	rBV	2427781	2626751	100.00%	16.121%
2	1.281	15	17	26	rVB3	12093	31258	1.19%	0.192%
3	1.441	29	31	37	rBV	52030	127028	4.84%	0.780%
4	1.533	37	39	84	rVB	677082	2488574	94.74%	15.273%
5	4.413	289	291	298	rBV	75658	192228	7.32%	1.180%
6	5.304	367	369	395	rBV	199043	515998	19.64%	3.167%
7	7.590	567	569	573	rBV	110981	260621	9.92%	1.600%
8	7.670	573	576	590	rVB	623353	1201487	45.74%	7.374%
9	8.162	615	619	626	rBB	138711	256510	9.77%	1.574%
10	8.482	643	647	657	rBV	641072	1090214	41.50%	6.691%
11	9.465	729	733	736	rBV	533702	933878	35.55%	5.732%
12	11.054	869	872	888	rBV	172117	321851	12.25%	1.975%
13	13.705	1099	1104	1107	rBV	972114	1730313	65.87%	10.620%
14	14.768	1194	1197	1207	rBB	22955	48332	1.84%	0.297%
15	15.191	1230	1234	1243	rBB	179187	333034	12.68%	2.044%
16	17.100	1397	1401	1412	rBB	565062	1087305	41.39%	6.673%
17	18.700	1537	1541	1548	rBV	184112	352206	13.41%	2.162%
18	20.460	1692	1695	1709	rBV	66603	147045	5.60%	0.902%
19	21.866	1816	1818	1826	rBV	52432	99335	3.78%	0.610%
20	22.072	1832	1836	1839	rBV	1274130	1661624	63.26%	10.198%
21	22.883	1904	1907	1909	rBV	199560	268288	10.21%	1.647%
22	23.352	1946	1948	1954	rVB	213551	310816	11.83%	1.908%
23	24.781	2071	2073	2078	rVB	157122	208871	7.95%	1.282%

Sum of corrected areas: 16293567

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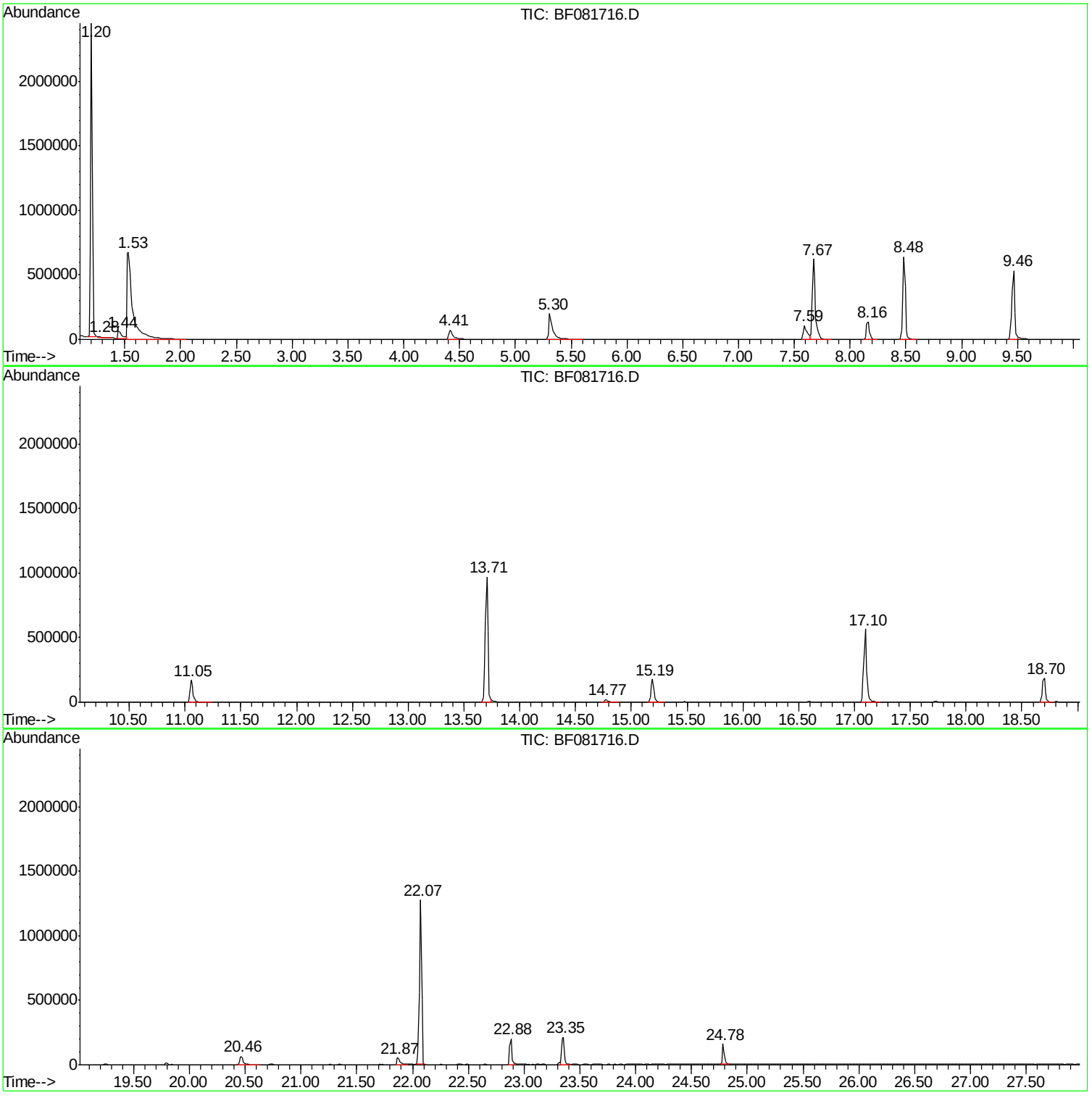
Instrument :
BNA_F
ClientSampleId :
PZ-4-9-16-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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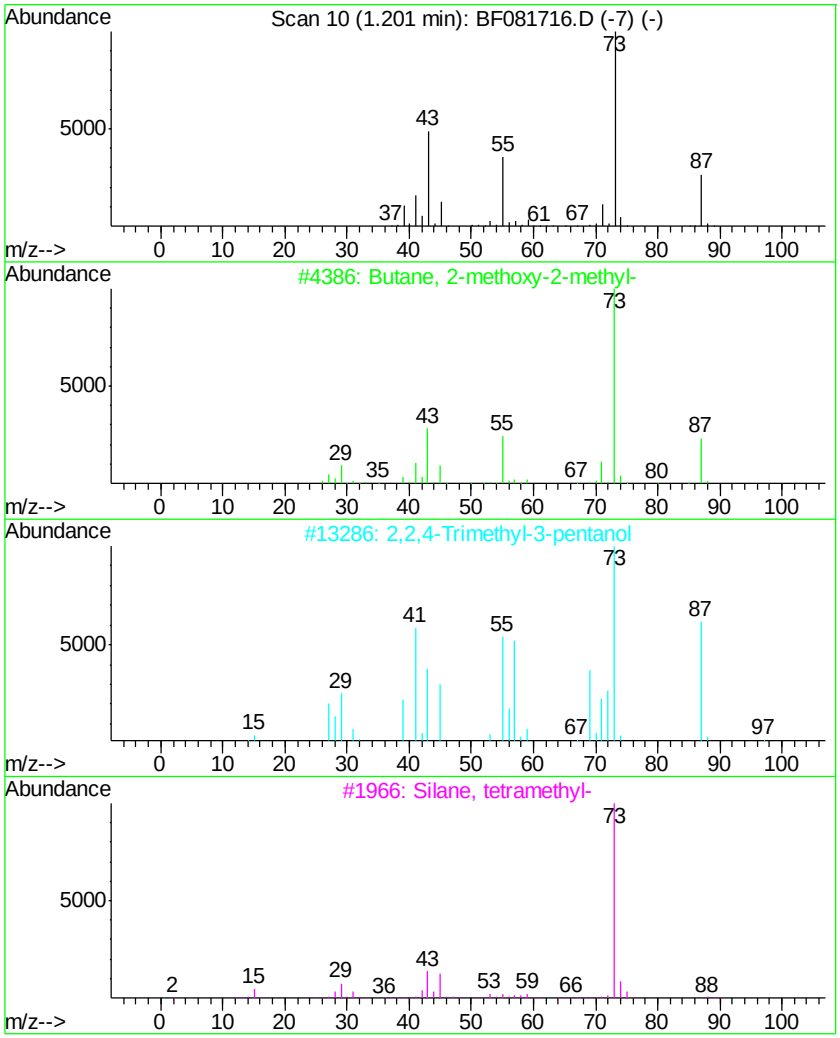
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

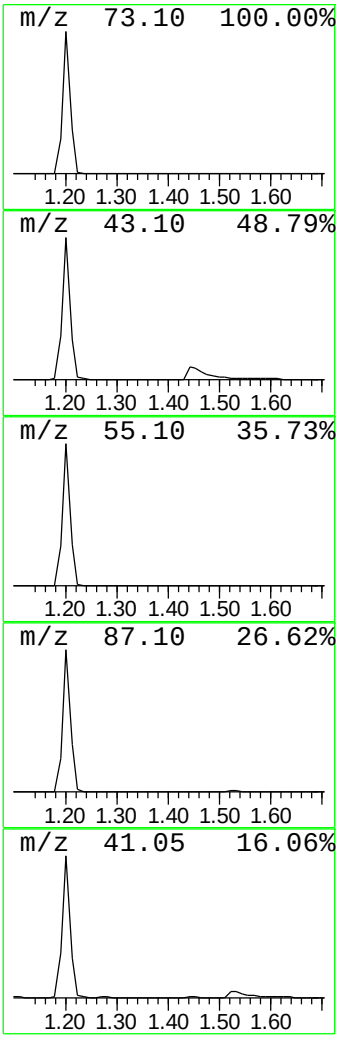
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.20	204.81 ng	2626750	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Sample : G3717-01
Misc :
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Instrument : BNA_F
ClientSampleId : PZ-4-9-16-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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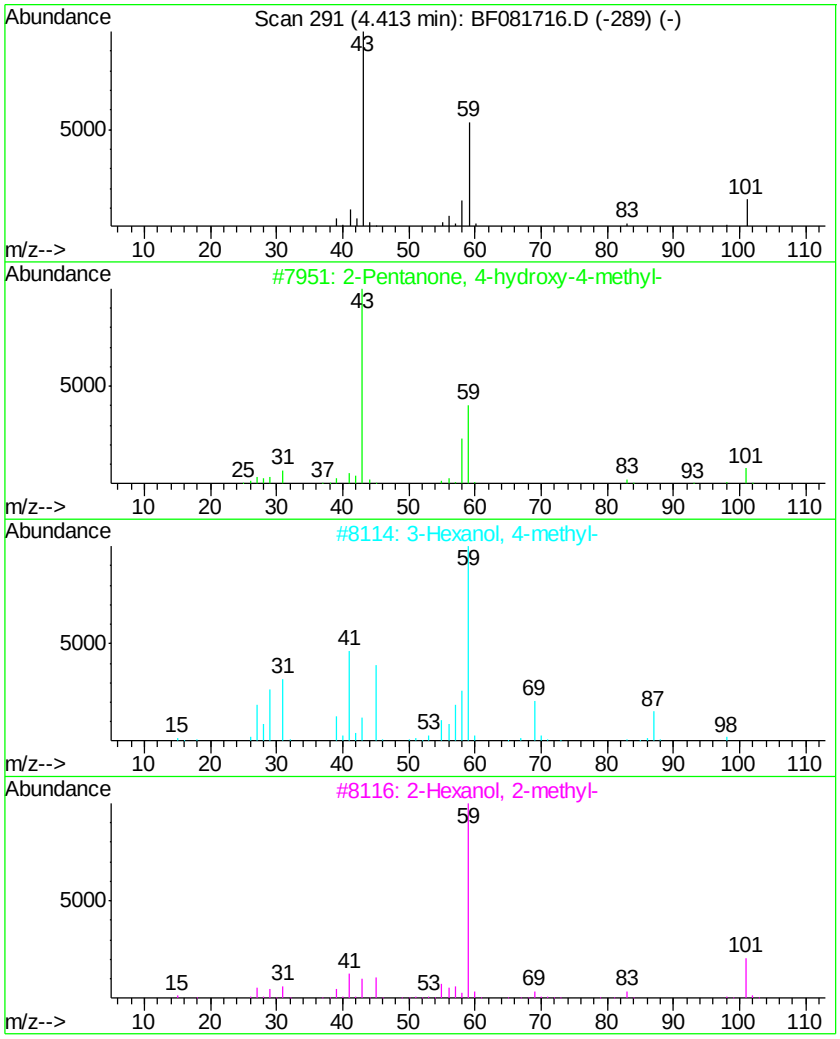
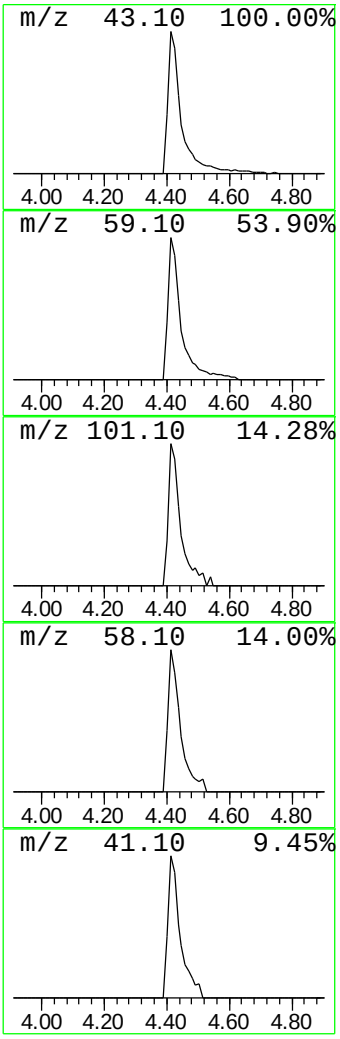
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	14.99 ng	192228	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Data File : BF081716.D
Acq On : 21 Sep 2015 16:01
Operator : UM/IZ
Sample : G3717-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-4-9-16-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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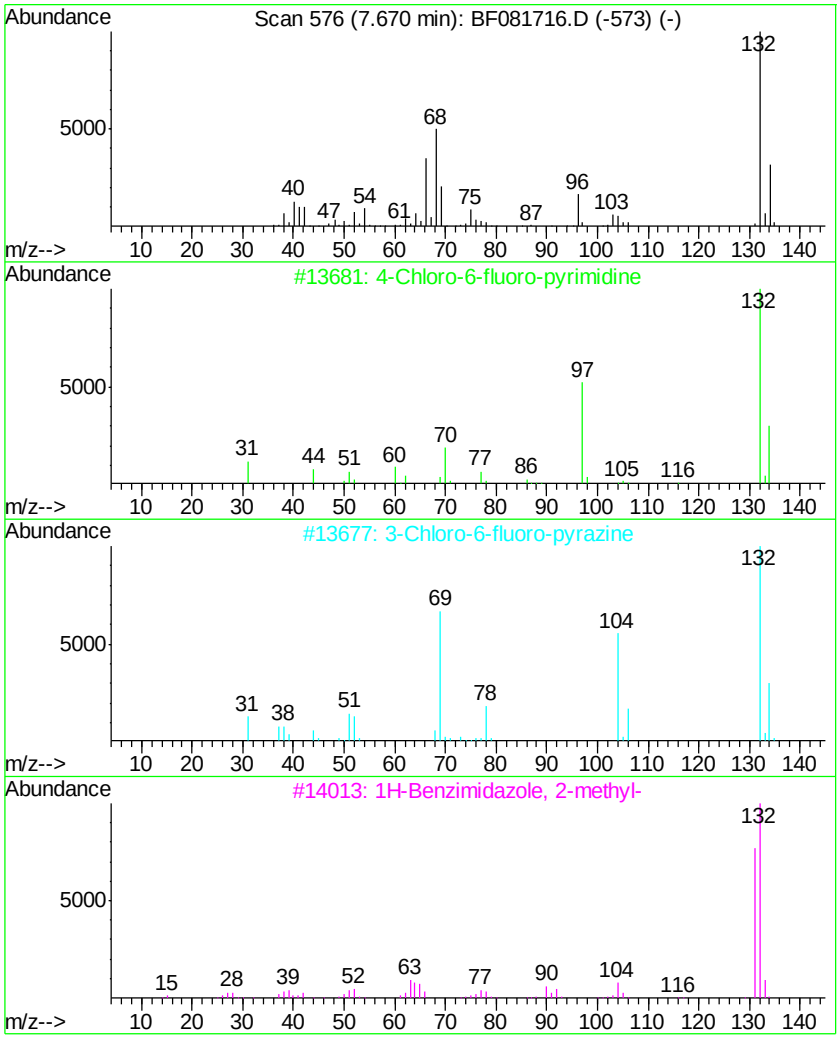
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

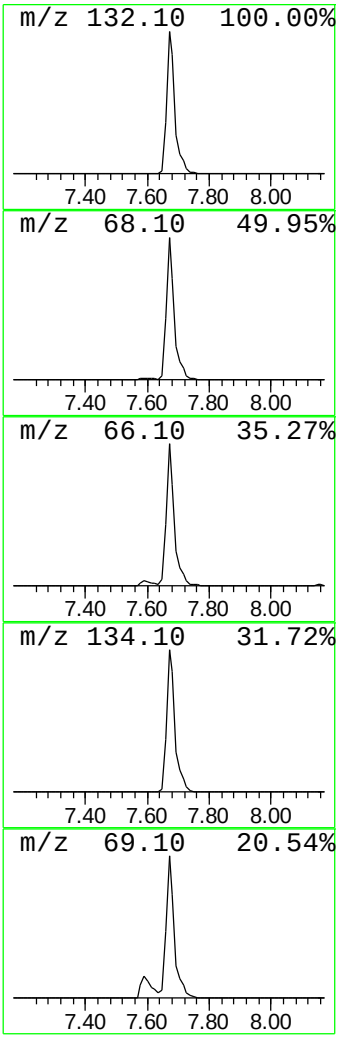
****

Peak Number 6 unknown7.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	93.68 ng	1201490	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	12





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Operator : UM/IZ
Sample : G3717-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-4-9-16-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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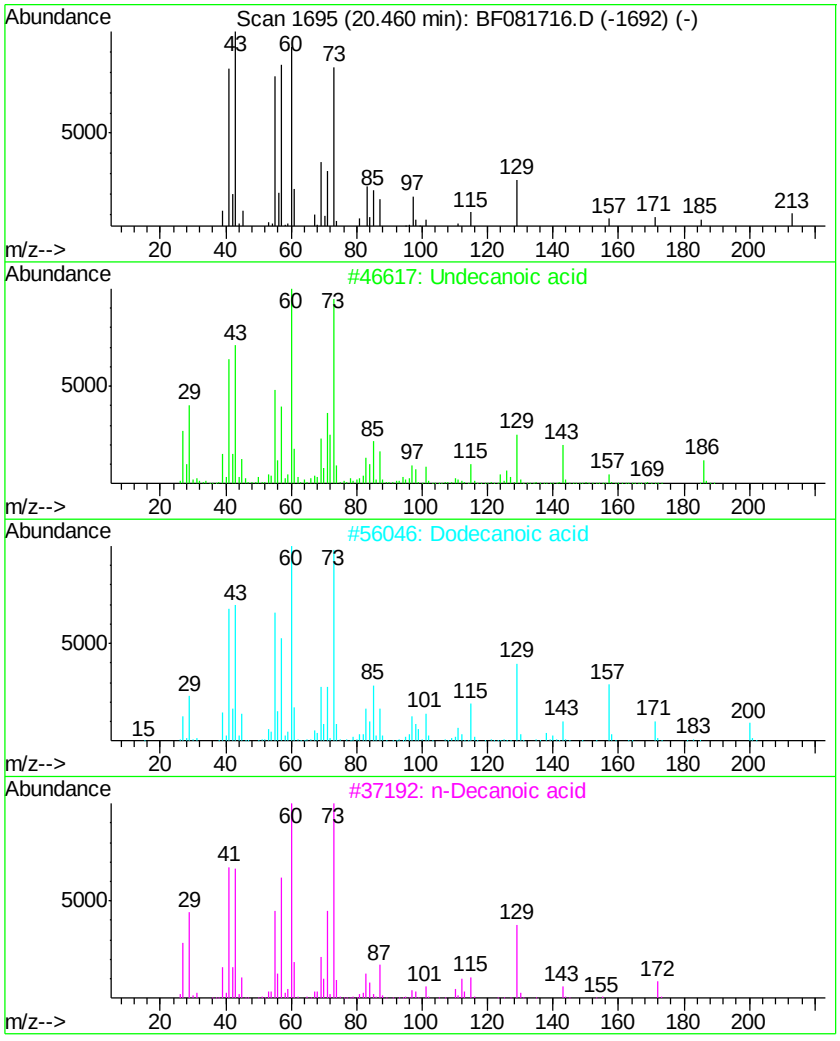
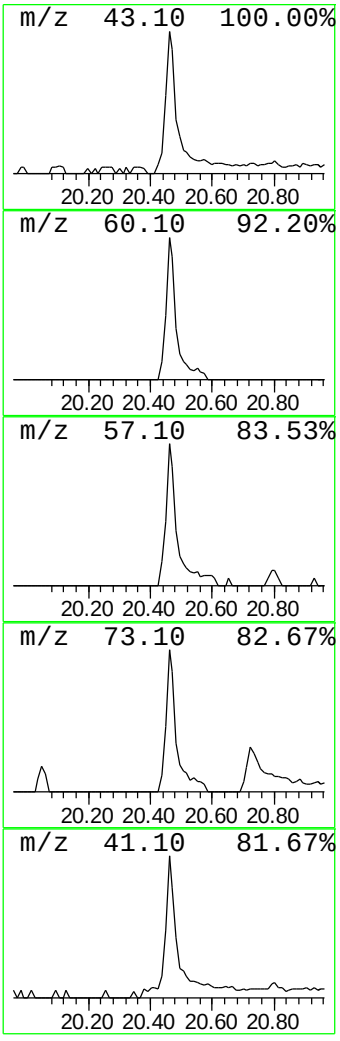
****

Peak Number 8 Undecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	8.35 ng	147045	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	64
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Nonanoic acid	158	C9H18O2	000112-05-0	47
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	42





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Operator : UM/IZ
Sample : G3717-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-4-9-16-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

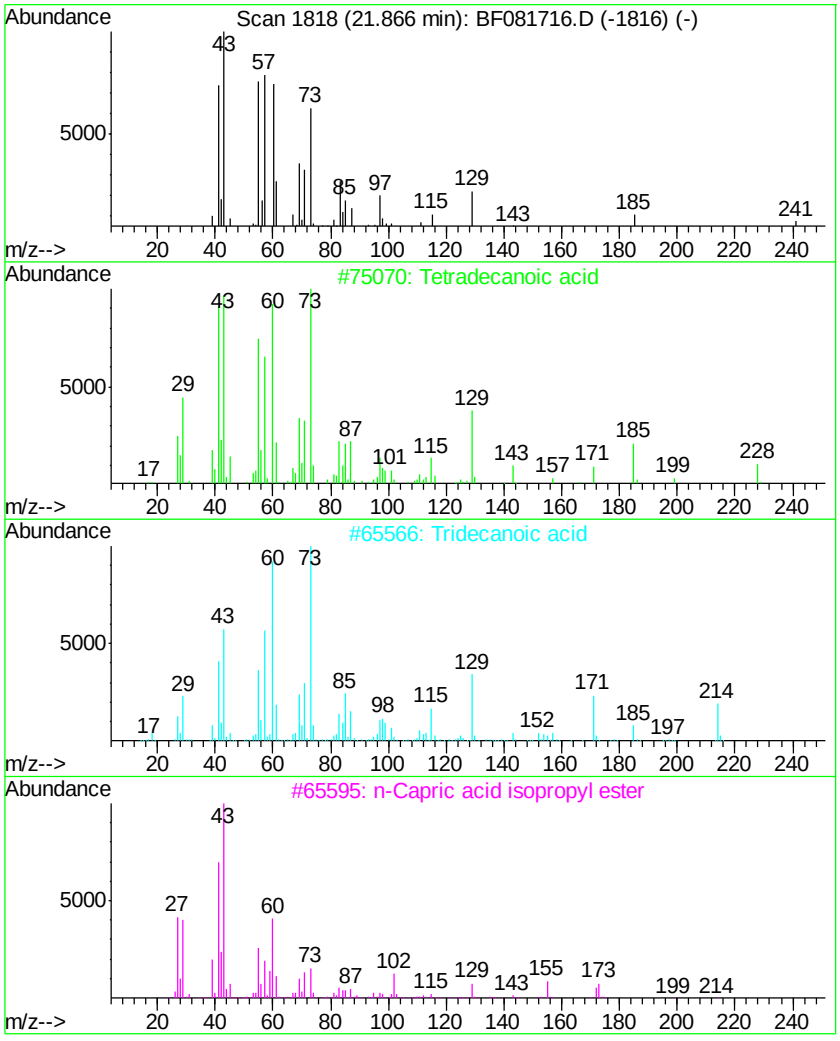
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

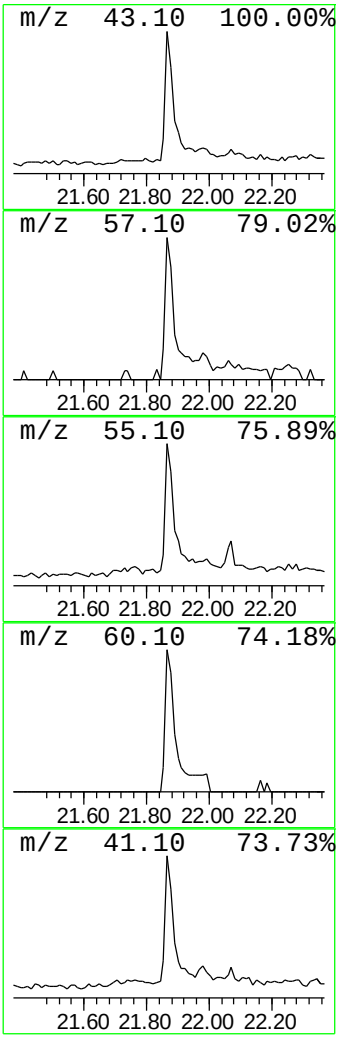
****

Peak Number 9 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	6.39 ng	99335	Chrysene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	59
3	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-4-9-16-15

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TIC Integration Parameters: LSCINT.P

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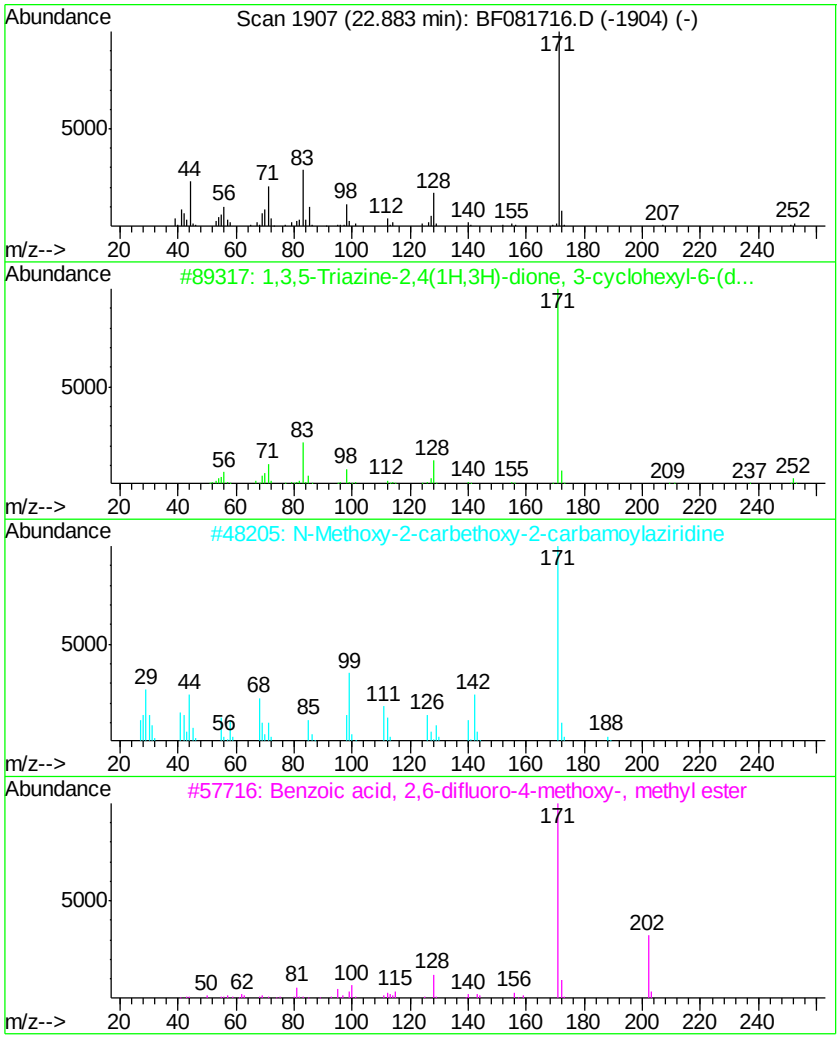
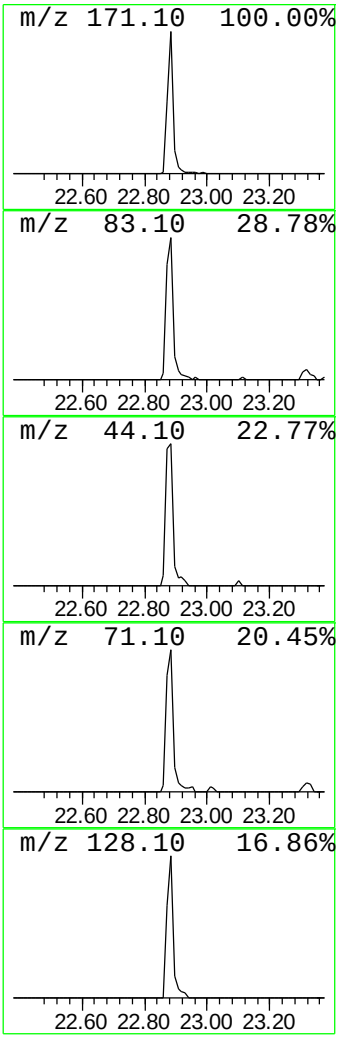
Peak Number 10 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	17.26 ng	268288	Chrysene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	93
2	N-Methoxy-2-carbethoxy-2-carbamo...	188	C7H12N2O4	063859-03-0	42
3	Benzoic acid, 2,6-difluoro-4-met...	202	C9H8F2O3	084937-82-6	32
4	2-Ethoxydecylphthalimide	331	C20H29NO3	1000227-42-3	28
5	Pyrimidin-4(3H)-one, 6-amino-3-m...	171	C6H9N3OS	102363-06-4	25





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.20	204.8	ng	2626750	1	8.16	256510	20.0
2-Pentanone, 4-hy...	4.41	15.0	ng	192228	1	8.16	256510	20.0
unknown7.67	7.67	93.7	ng	1201490	1	8.16	256510	20.0
Undecanoic acid	20.46	8.3	ng	147045	4	18.70	352206	20.0
Tetradecanoic acid	21.87	6.4	ng	99335	5	23.35	310816	20.0
1,3,5-Triazine-2,...	22.88	17.3	ng	268288	5	23.35	310816	20.0