LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080640.D
Acq On : 24 Jul 2015 22:18
Operator : TP/UM
Sample : G3087-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM-EAST3-072315

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-BF072415.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	4.441	204	206	209	rBV	18015	26203	1.84%	0.203%
2	5.093	260	263	265	rBV	553326	725939	51.05%	5.616%
3	5.504	297	299	302	rBV	1240327	1218558	85.69%	9.426%
4	5.927	334	336	339	rVB	51125	51098	3.59%	0.395%
5	6.544	387	390	392	rBV	1535191	1422028	100.00%	11.000%
6	6.693	400	403	405	rVB	1468301	1341472	94.34%	10.377%
7	6.933	421	424	426	rBV	364767	341329	24.00%	2.640%
8	7.082	435	437	439	rVB	872020	904227	63.59%	6.995%
9	7.493	470	473	475	rBV	734672	767442	53.97%	5.937%
10	8.213	534	536	539	rBV	398710	410101	28.84%	3.172%
11	9.288	628	630	633	rVB	937009	1185974	83.40%	9.174%
12	9.688	663	665	667	rVB	333169	259270	18.23%	2.006%
13	9.973	688	690	692	rBV	596228	483538	34.00%	3.740%
14	10.751	756	758	761	rBV2	668531	849337	59.73%	6.570%
15	10.888	767	770	773	rBV	10727	19484	1.37%	0.151%
16	11.459	818	820	822	rBV	559801	464314	32.65%	3.592%
17	11.699	838	841	845	rBV	31407	49812	3.50%	0.385%
18	11.985	864	866	870	rBV	29978	33607	2.36%	0.260%
19	12.248	887	889	891	rBV	103125	82940	5.83%	0.642%
20	13.071	959	961	964	rBV	1237423	1221586	85.90%	9.450%
21	13.597	1001	1007	1010	rBV	78585	98002	6.89%	0.758%
22	14.077	1047	1049	1053	rVB	23216	36183	2.54%	0.280%
23	14.237	1060	1063	1065	rBV	311443	431277	30.33%	3.336%
24	15.105	1137	1139	1143	rBV3	20423	35869	2.52%	0.277%
25	15.288	1152	1155	1158	rBV	95149	98368	6.92%	0.761%
26	15.883	1204	1207	1210	rBV	295197	369249	25.97%	2.856%

Sum of corrected areas: 12927207

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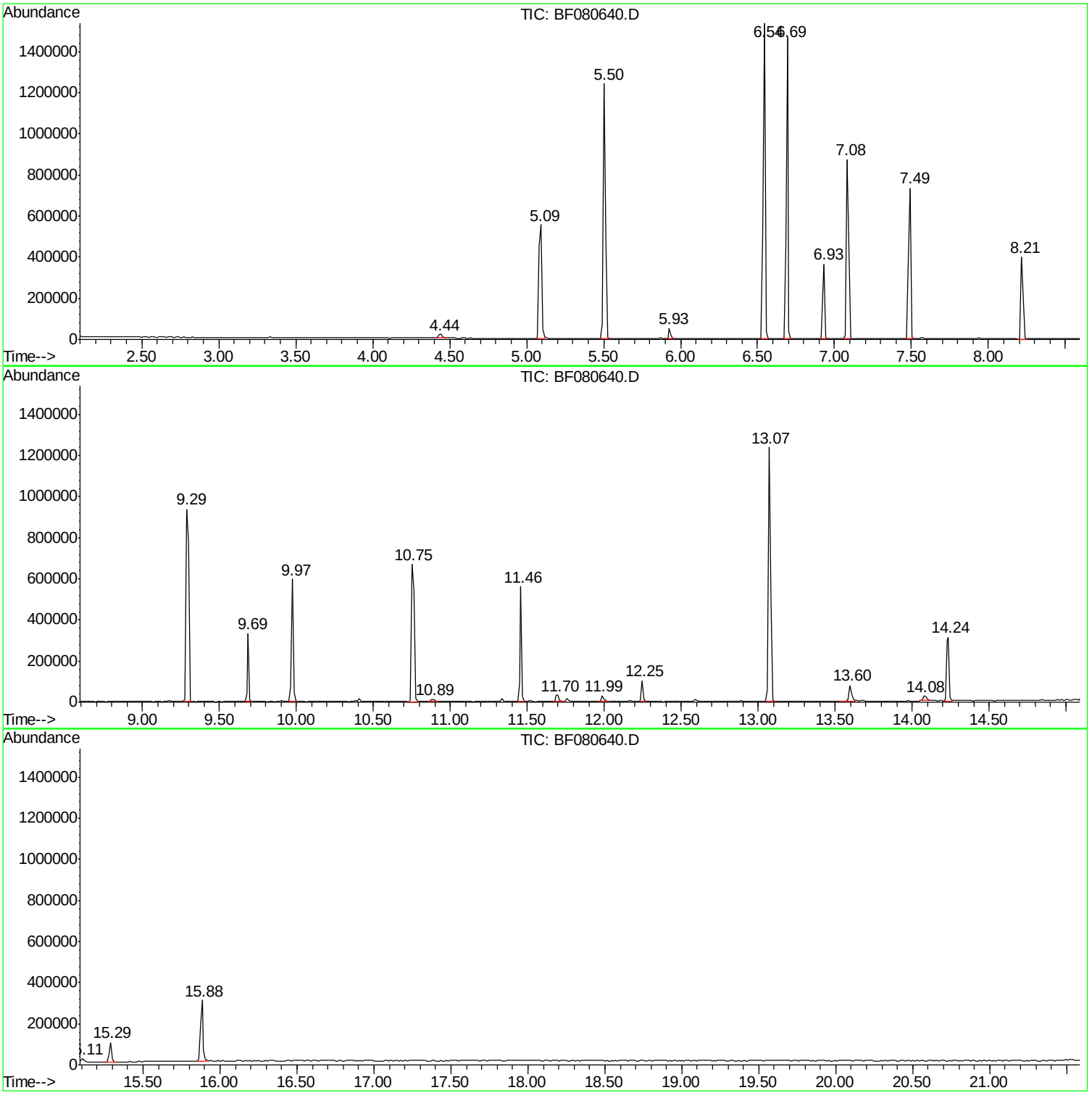
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST3-072315

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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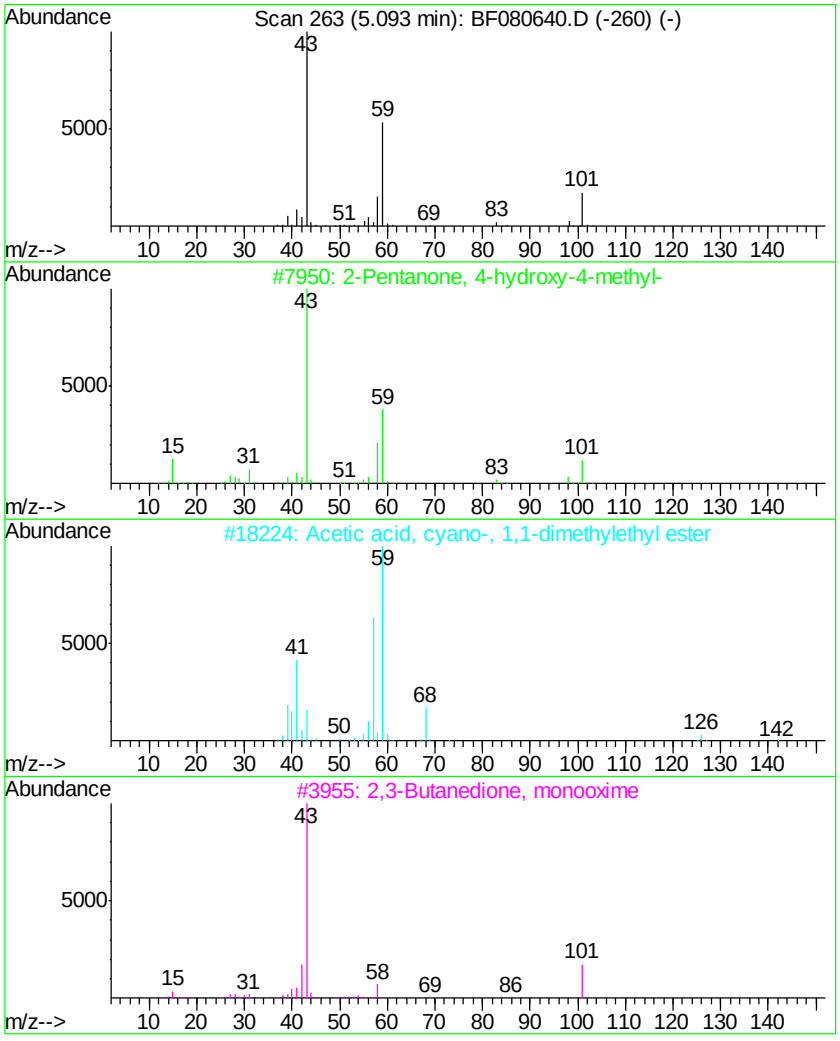
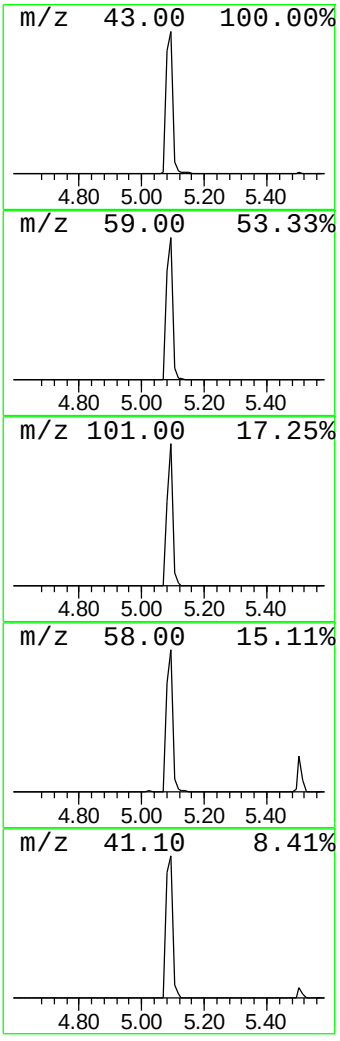
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	42.54 ng	725939	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





Library Search Compound Report

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

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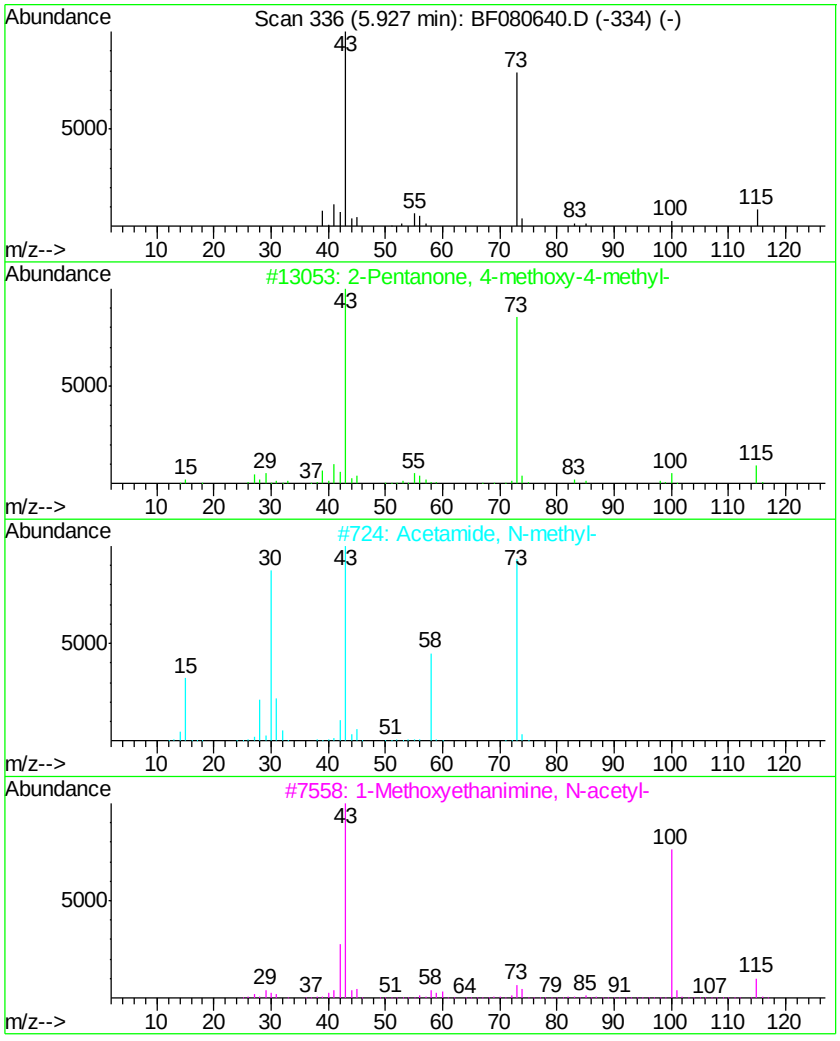
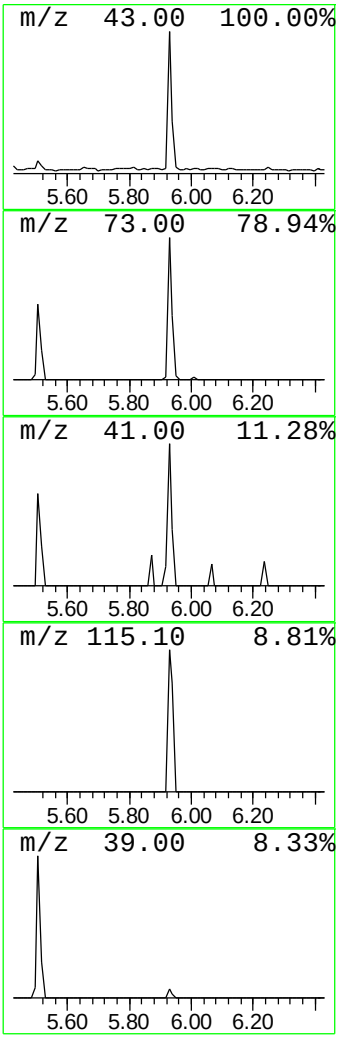
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.99 ng	51098	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	58
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	28
4	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9
5	Guanidine, methyl-	73	C2H7N3	000471-29-4	9





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Data File : BF080640.D
Acq On : 24 Jul 2015 22:18
Operator : TP/UM
Sample : G3087-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST3-072315

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
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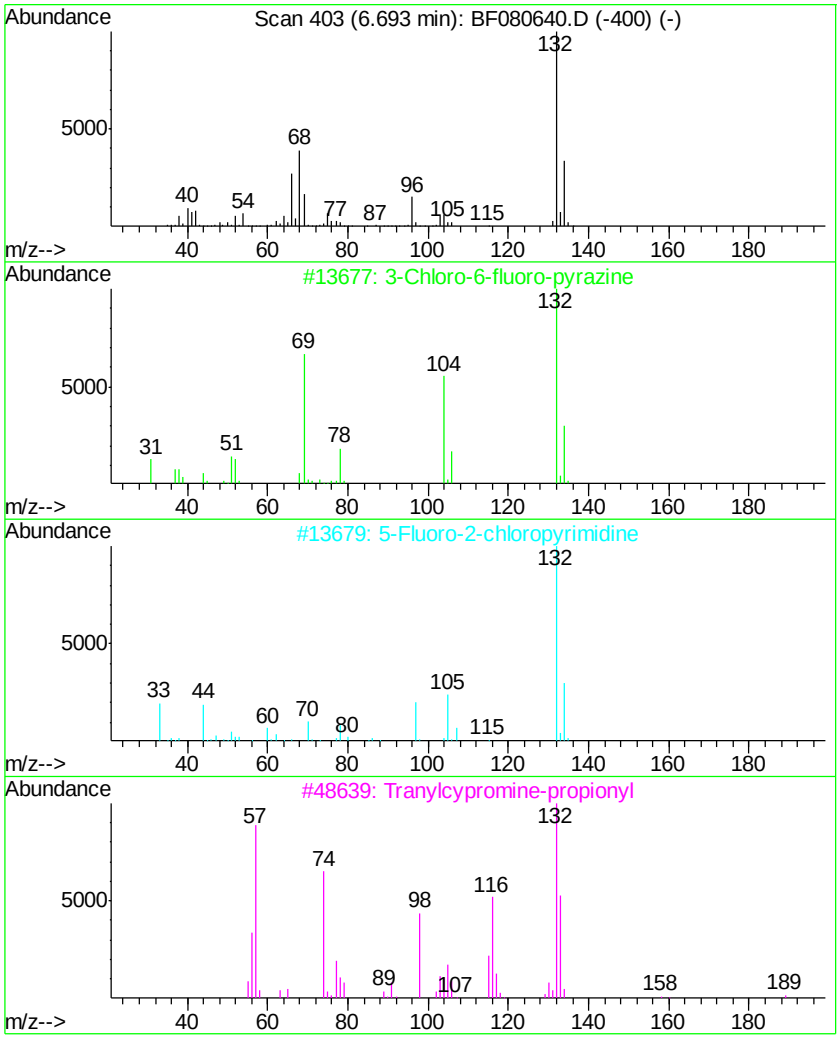
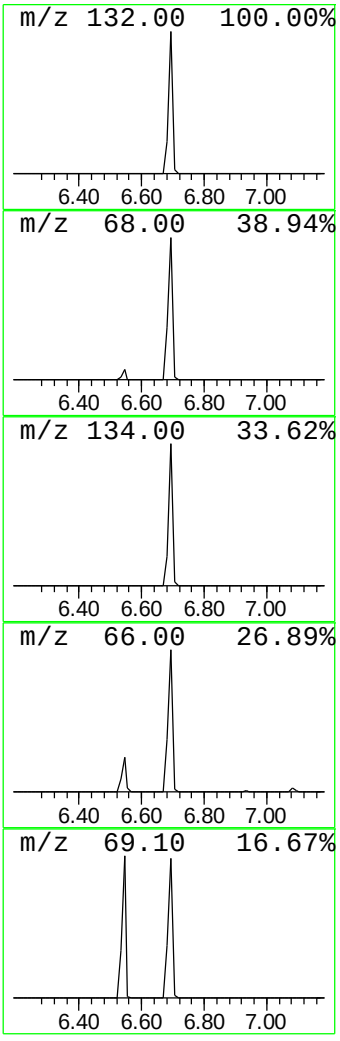
Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	78.60 ng	1341470	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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ClientSampleId : BOTTOM-EAST3-072315

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TIC Library : C:\DATABASE\NIST02.L
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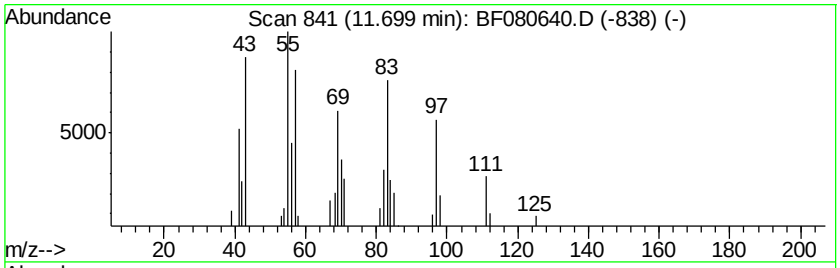
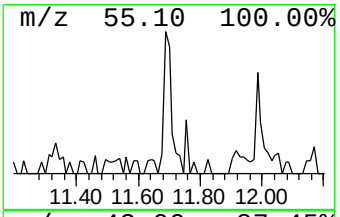
****

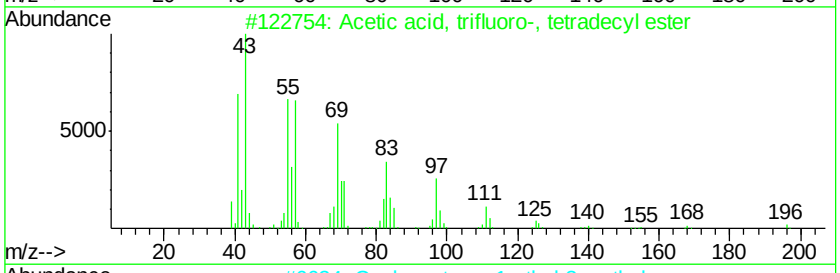
Peak Number 5 Acetic acid, trifluoro-, te... Concentration Rank 8

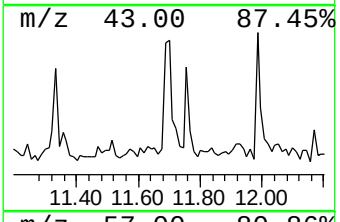
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.15 ng	49812	Phenanthrene-d10	11.46

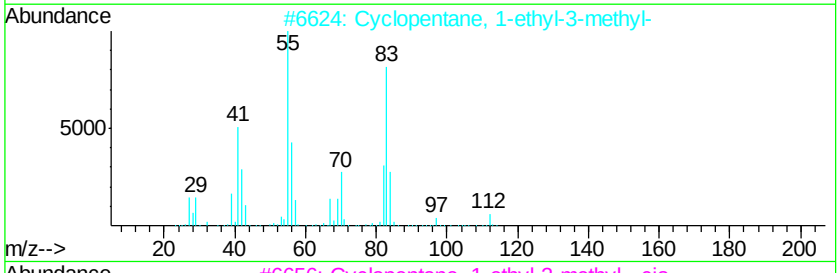
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	72
2	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	64
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	64
4	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	64
5	Cyclotetradecane	196	C14H28	000295-17-0	52

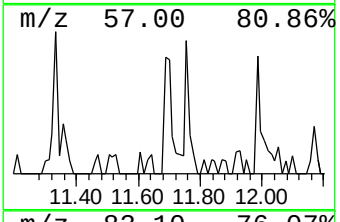


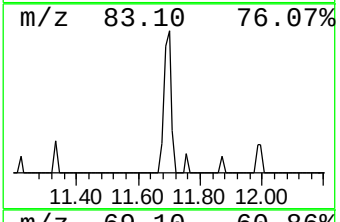


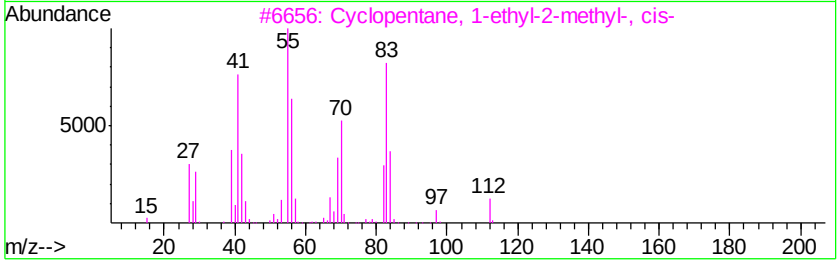


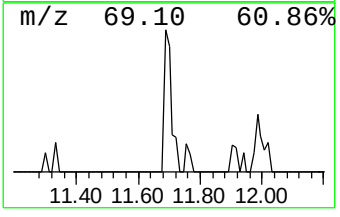












Library Search Compound Report

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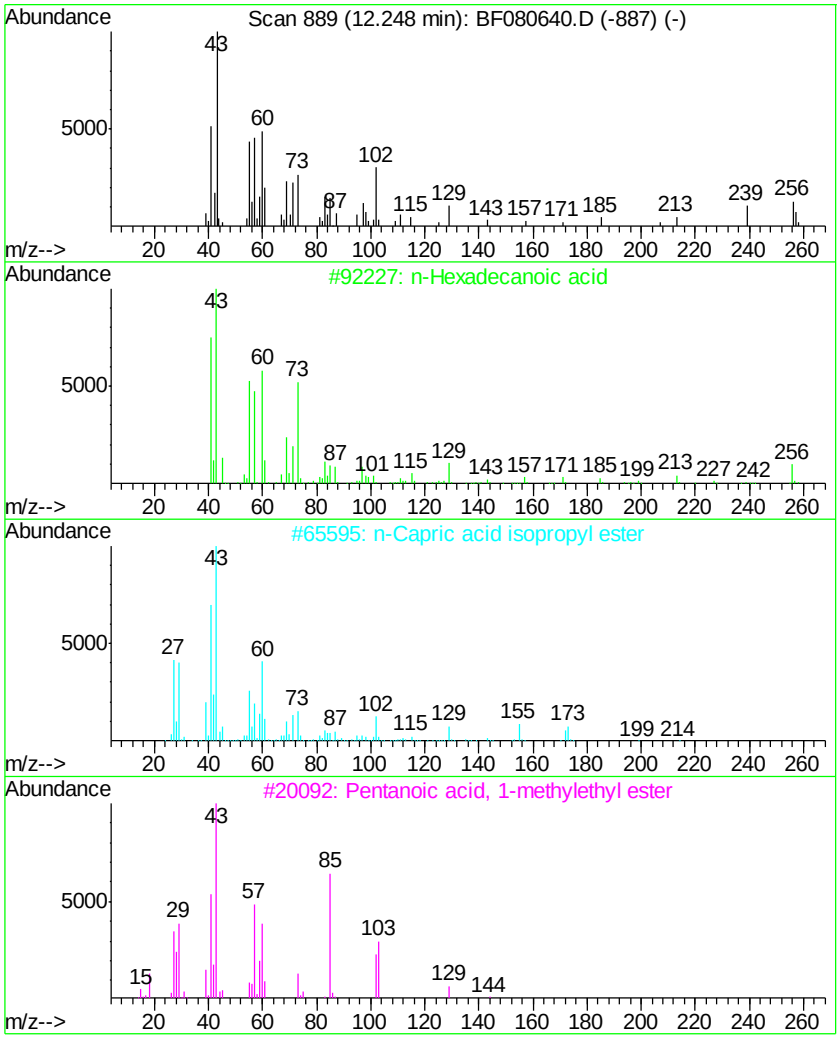
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

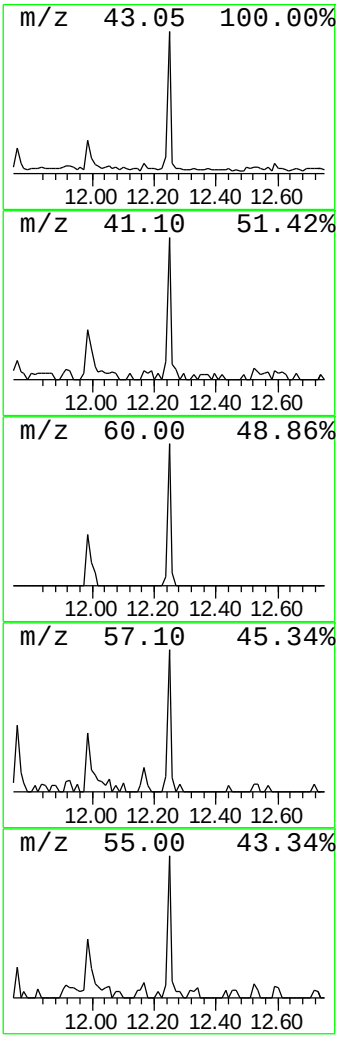
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.57 ng	82940	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	40
3	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	32
4	Vitamin d3	384	C27H44O	001406-16-2	32
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	32





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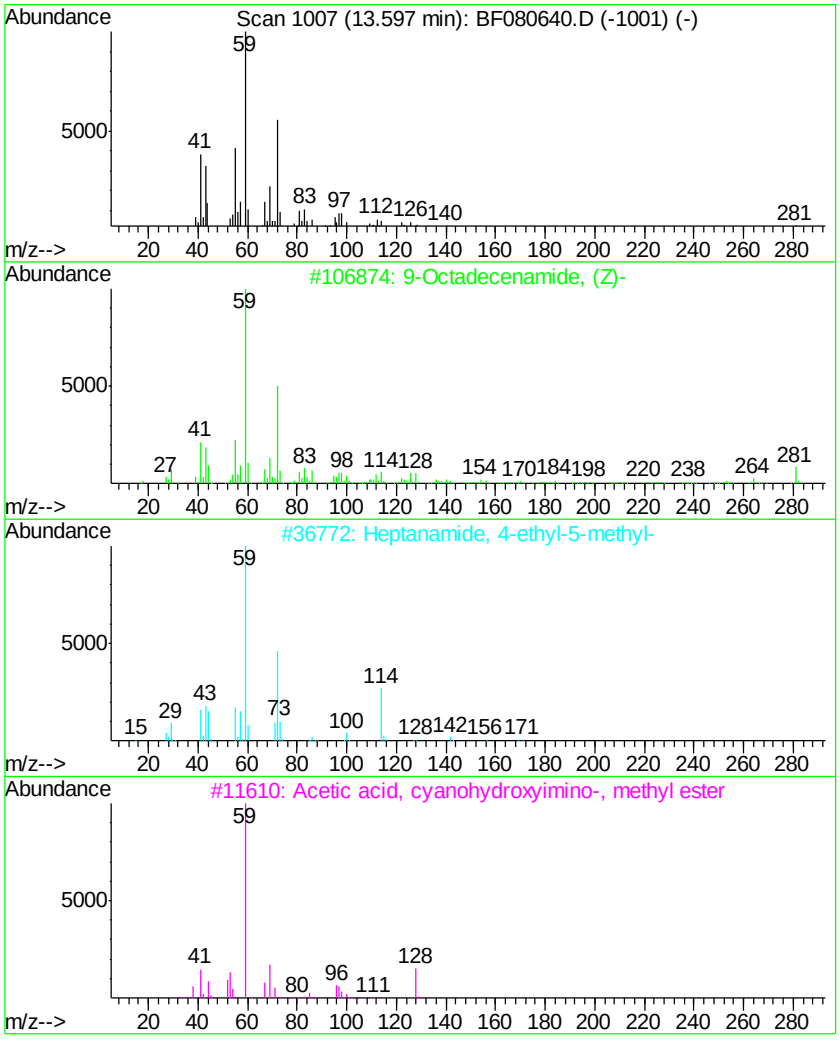
TIC Integration Parameters: LSCINT.P

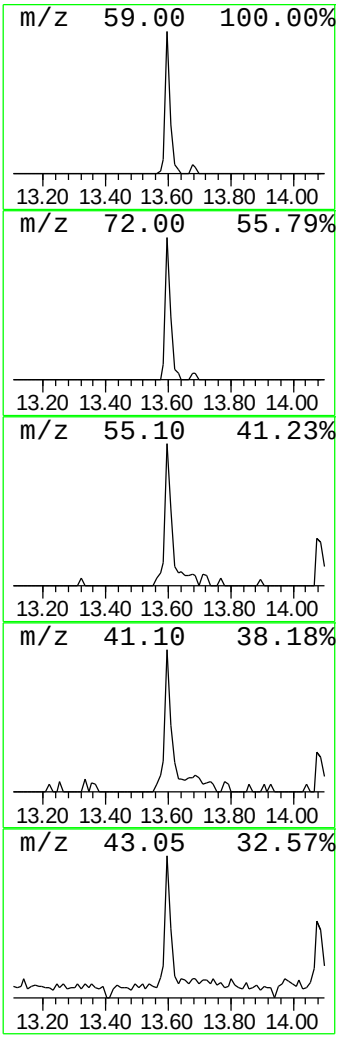
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.54 ng	98002	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	56
3	Acetic acid, cyanohydroxyimino-,...	128	C4H4N2O3	061295-92-9	43
4	Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	43
5	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	43





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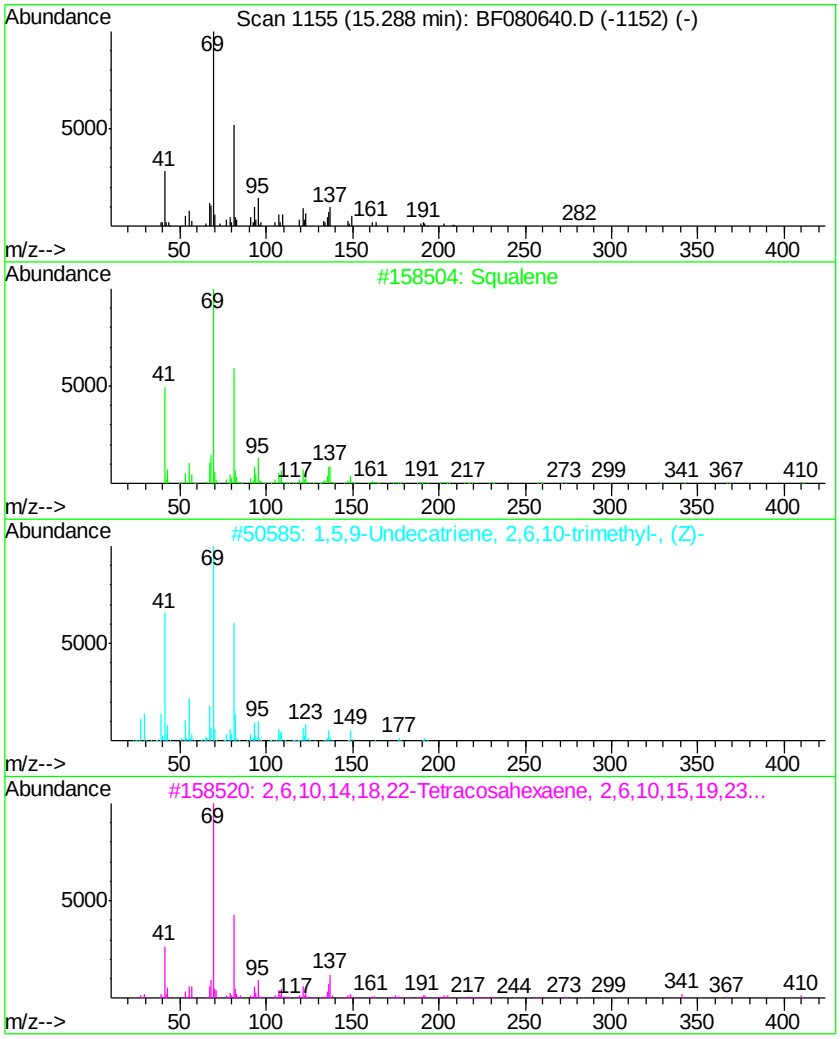
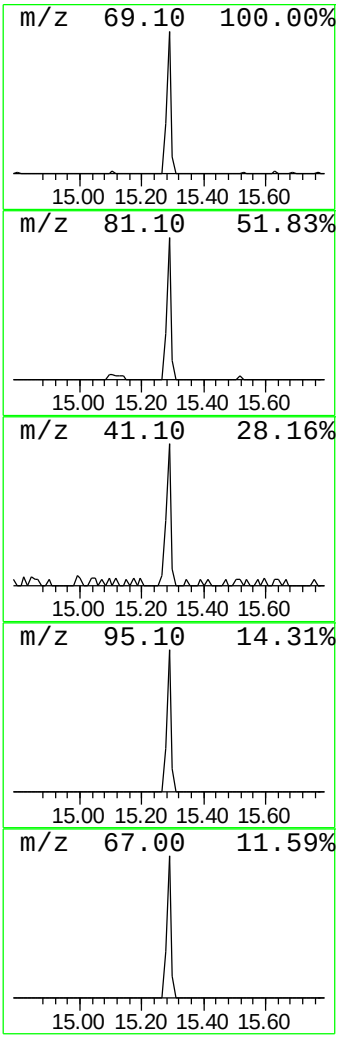
****

Peak Number 8 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	5.33 ng	98368	Perylene-d12	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	90
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	83
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83





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
2-Pentanone, 4-hy...	5.09	42.5	ng	725939	1	6.93	341329	20.0
2-Pentanone, 4-me...	5.93	3.0	ng	51098	1	6.93	341329	20.0
unknown6.69	6.69	78.6	ng	1341470	1	6.93	341329	20.0
Acetic acid, trif...	11.70	2.1	ng	49812	4	11.46	464314	20.0
n-Hexadecanoic acid	12.25	3.6	ng	82940	4	11.46	464314	20.0
9-Octadecenamide,...	13.60	4.5	ng	98002	5	14.24	431277	20.0
Squalene	15.29	5.3	ng	98368	6	15.88	369249	20.0