LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081066.D
Acq On : 19 Aug 2015 4:50
Operator : UM/IZ
Sample : G3278-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB081215

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-BF081715.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	3.964	171	173	179	rBV	44474	77564	2.86%	0.473%
2	4.707	236	238	241	rBV	368058	566681	20.93%	3.456%
3	5.164	276	278	281	rBV	694764	854557	31.56%	5.211%
4	5.599	313	316	318	rBV	50945	59342	2.19%	0.362%
5	6.239	370	372	375	rBV	525147	504723	18.64%	3.078%
6	6.364	381	383	386	rBV	1260641	1486364	54.89%	9.064%
7	6.604	401	404	406	rBV	468540	390054	14.40%	2.379%
8	6.684	409	411	415	rBV	41304	39451	1.46%	0.241%
9	6.764	415	418	420	rBV	1503586	1525585	56.34%	9.303%
10	7.176	451	454	456	rBV	1399902	1363907	50.37%	8.317%
11	7.884	514	516	519	rVB	373466	474930	17.54%	2.896%
12	8.970	608	611	613	rBV	2479088	2238754	82.67%	13.652%
13	9.633	667	669	671	rBV	707530	587054	21.68%	3.580%
14	10.422	735	738	740	rBV	1412486	1532797	56.60%	9.347%
15	11.108	795	798	800	rBV	651792	635667	23.47%	3.876%
16	12.536	920	923	924	rBV	64777	69466	2.57%	0.424%
17	12.696	934	937	939	rBV	2549667	2707910	100.00%	16.513%
18	13.234	982	984	987	rBV2	76390	79451	2.93%	0.484%
19	13.725	1024	1027	1029	rBV	603163	685790	25.33%	4.182%
20	15.062	1142	1144	1147	rBV	423166	518645	19.15%	3.163%

Sum of corrected areas: 16398692

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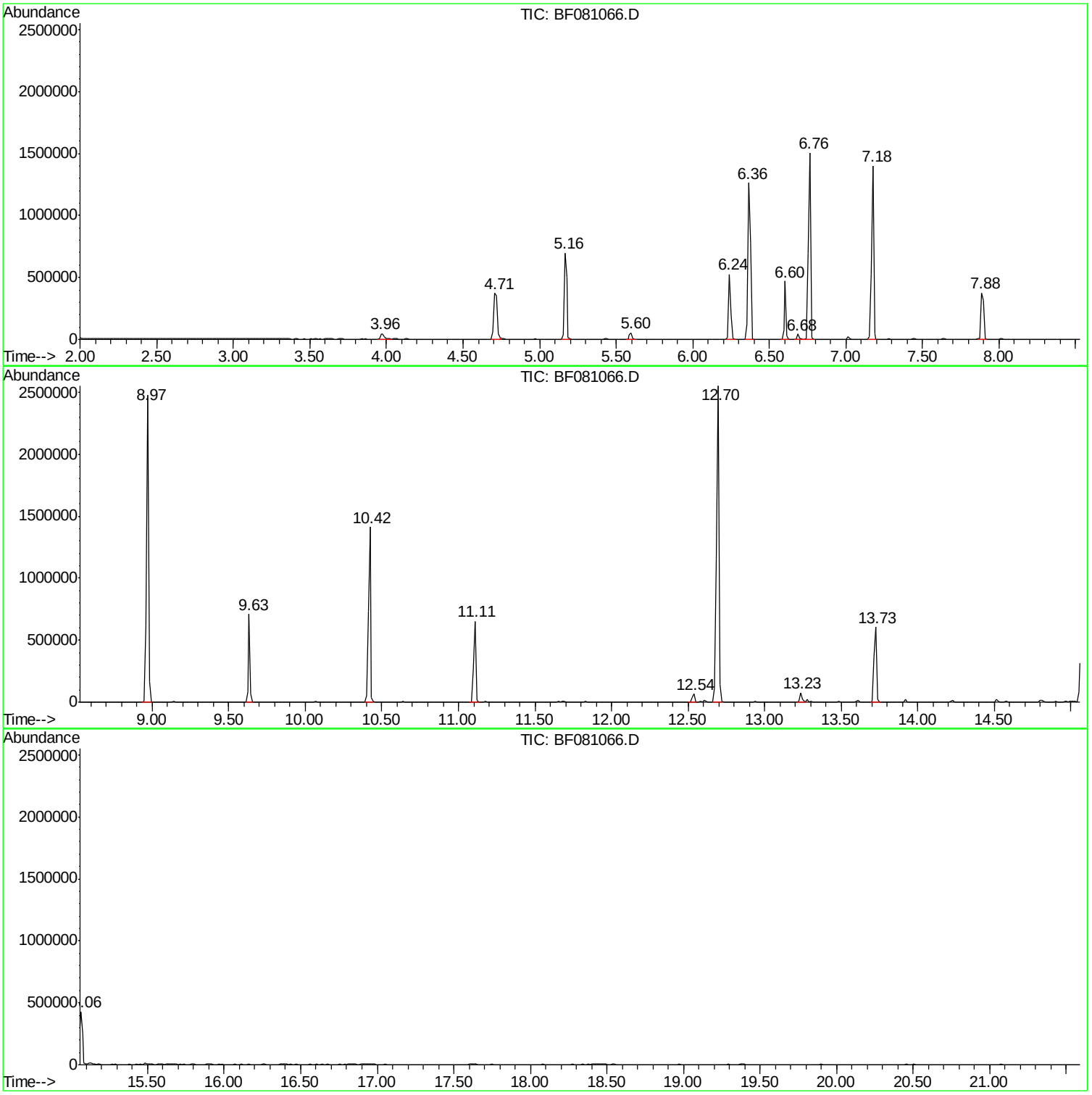
Instrument :
BNA_F
ClientSampleId :
FB081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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TIC Integration Parameters: LSCINT.P

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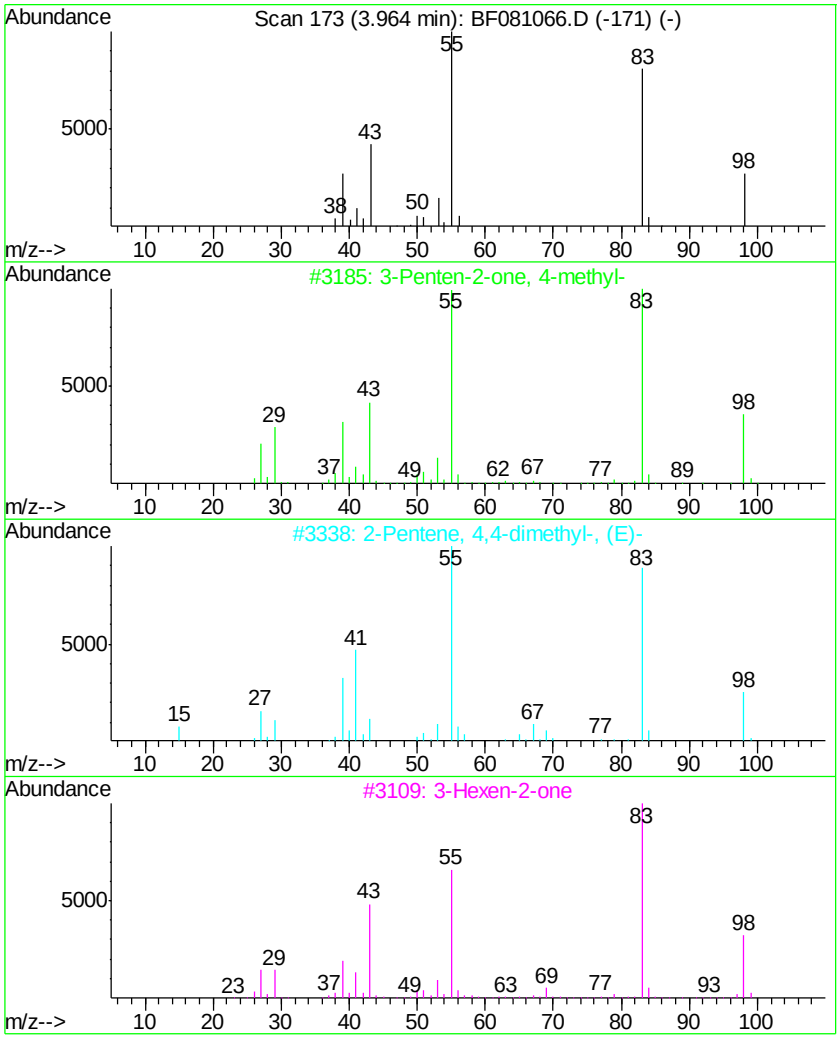
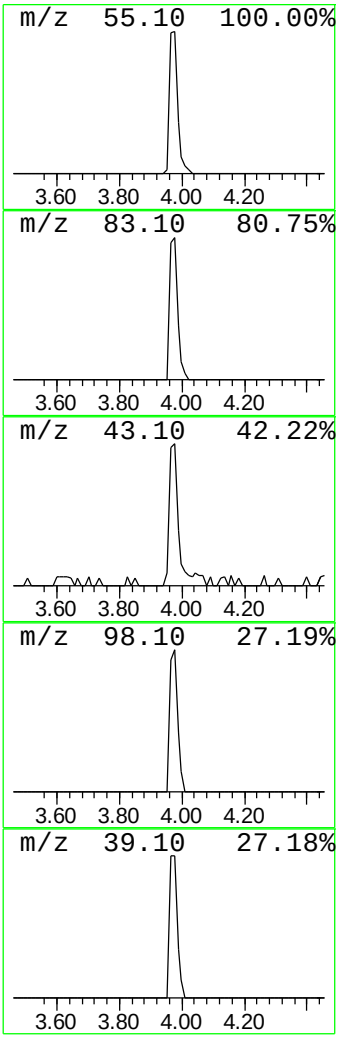
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	3.98 ng	77564	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
3	3-Hexen-2-one	98	C6H10O	000763-93-9	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
5	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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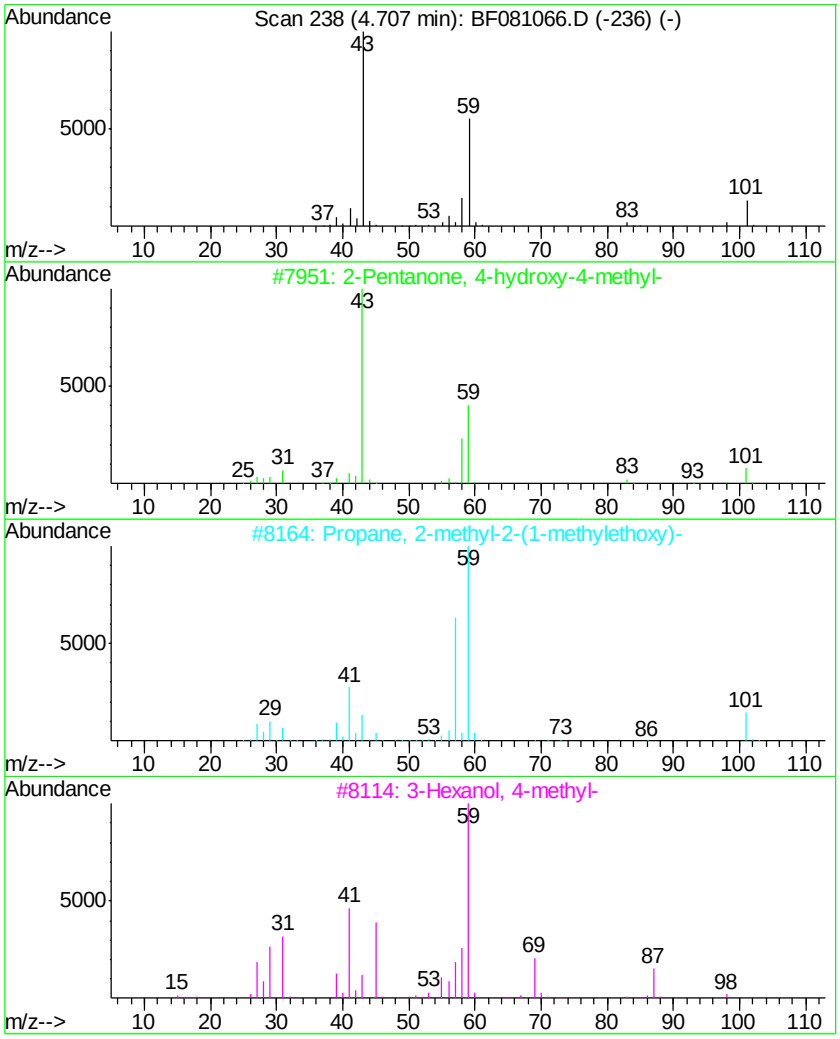
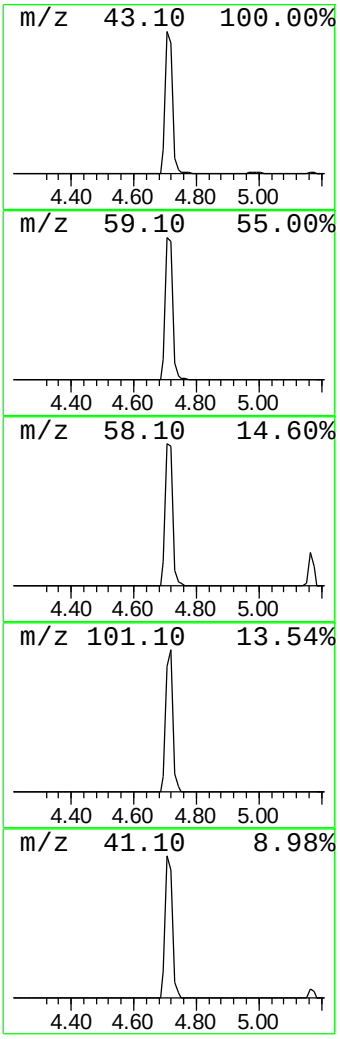
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	29.06 ng	566681	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





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Sample : G3278-05
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ClientSampleId : FB081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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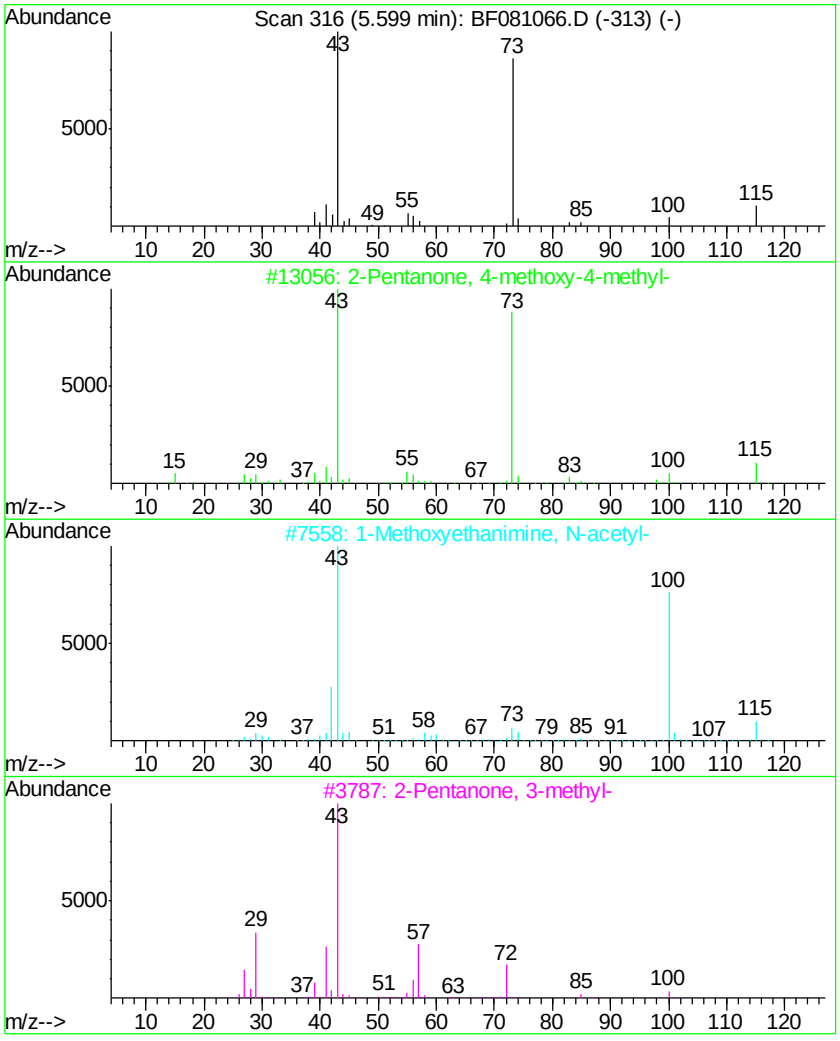
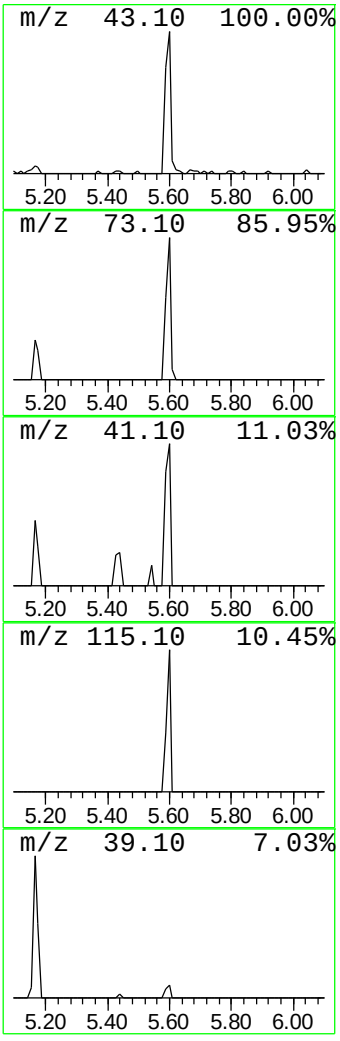
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	3.04 ng	59342	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
4	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Sample : G3278-05
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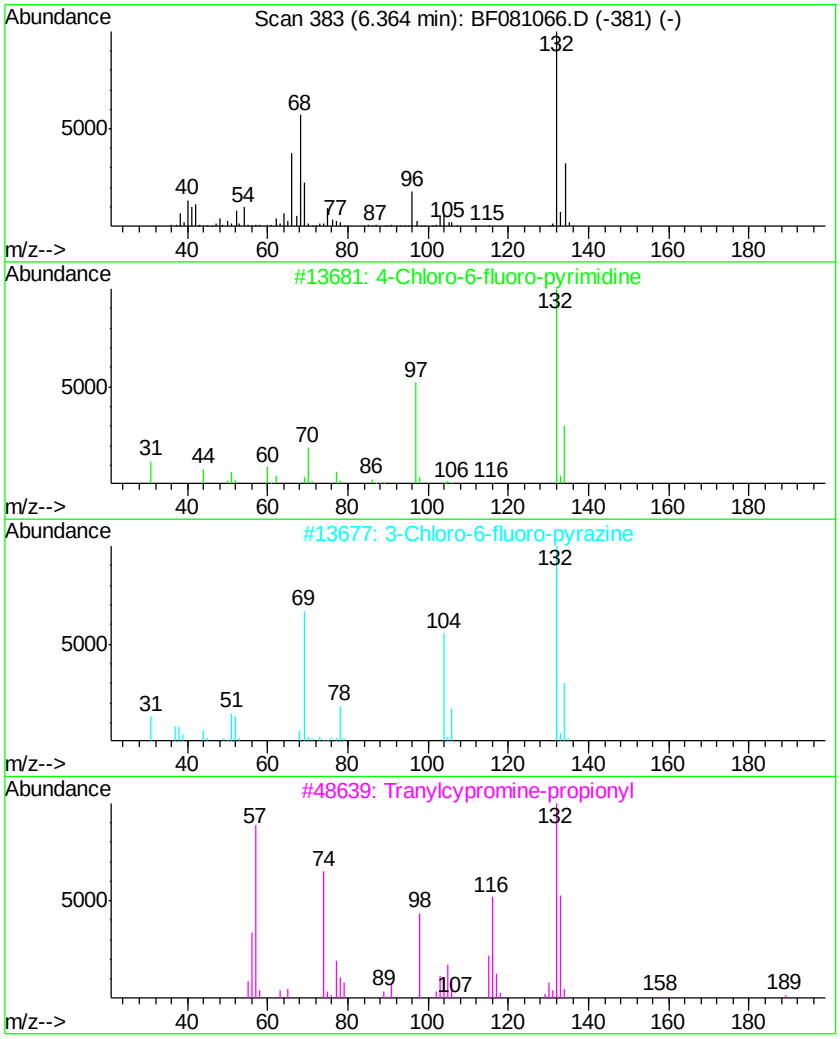
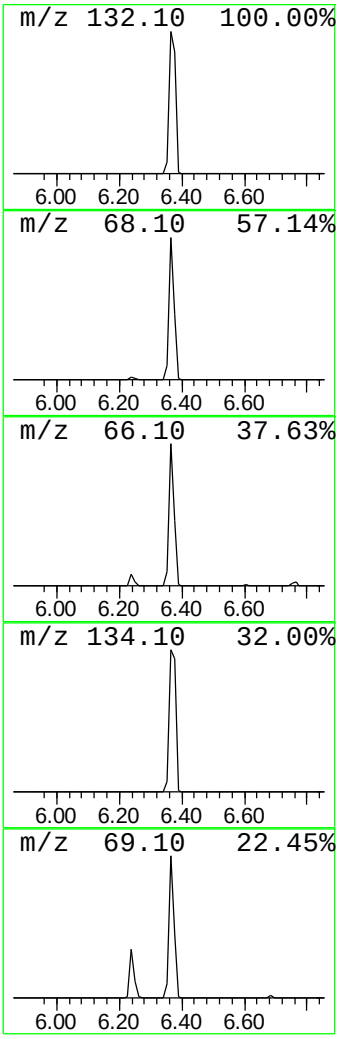
Peak Number 4 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	76.21 ng	1486360	1,4-Dichlorobenzene-d4	6.60

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : G3278-05
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Instrument : BNA_F
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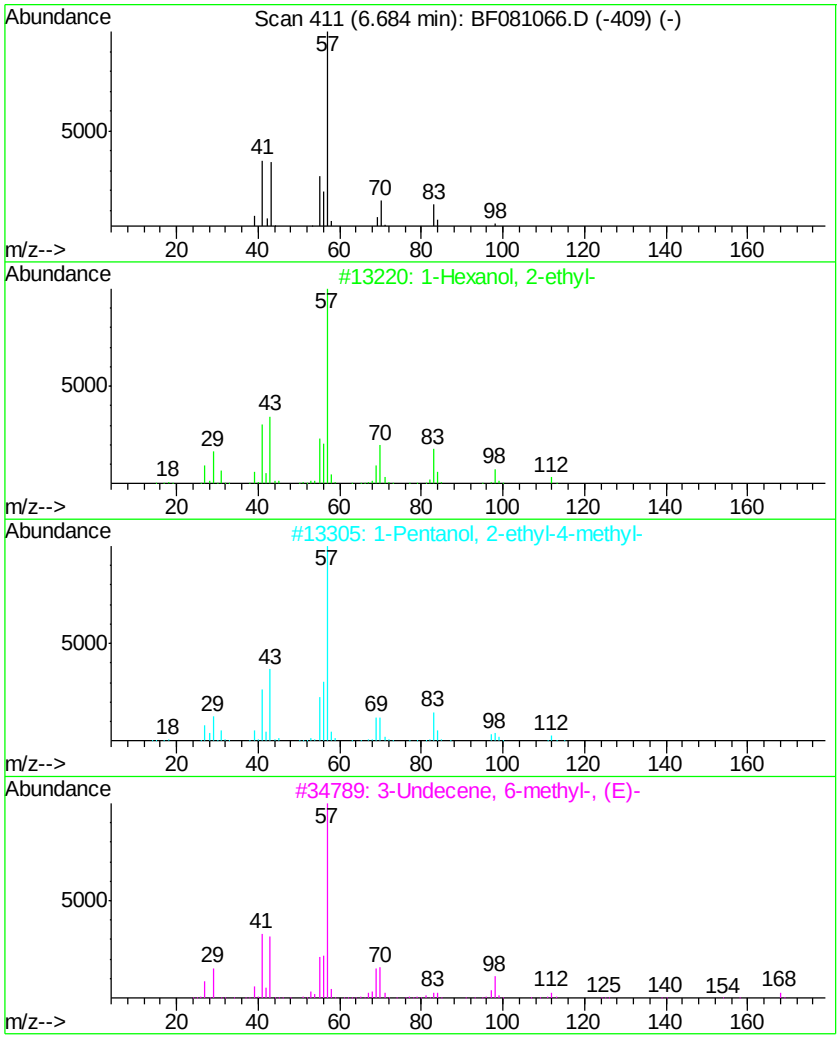
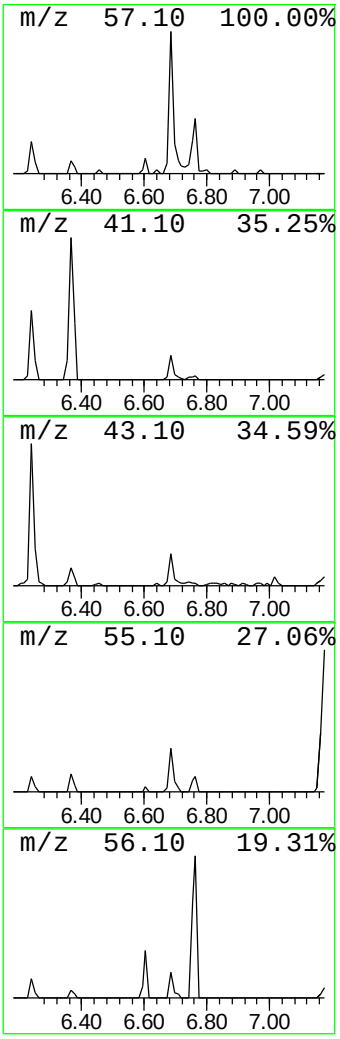
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	2.02 ng	39451	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	42
3	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	39
4	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	38
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	28





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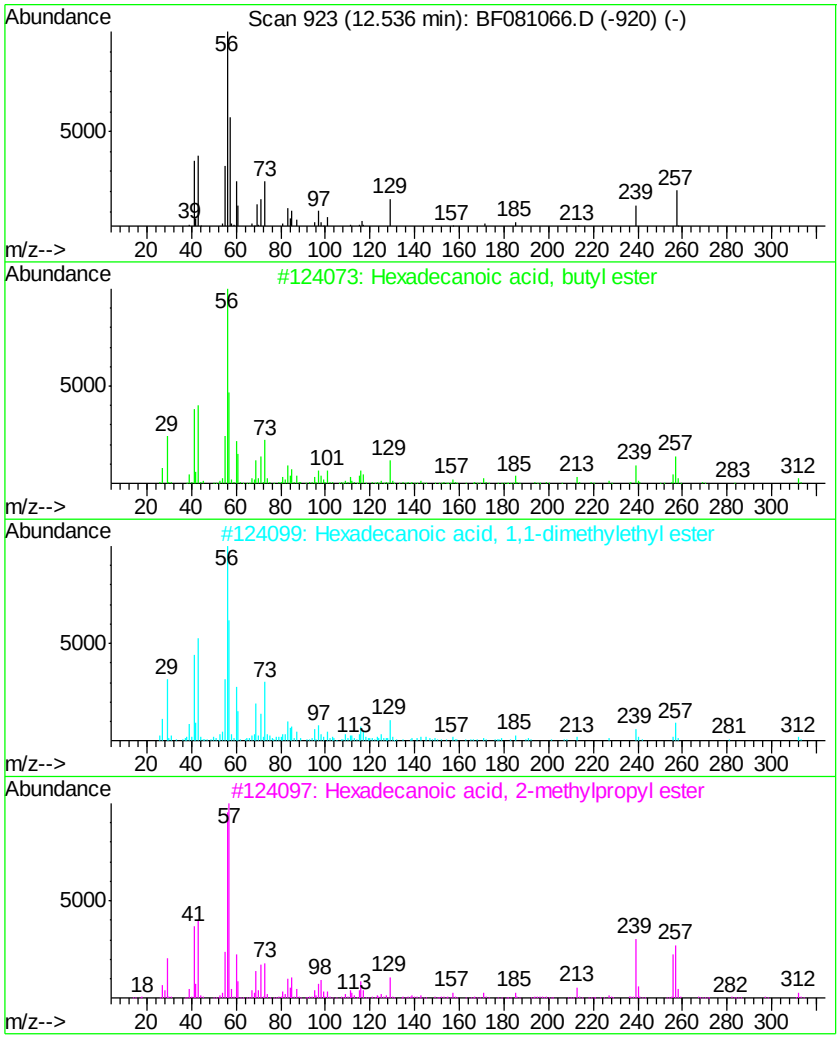
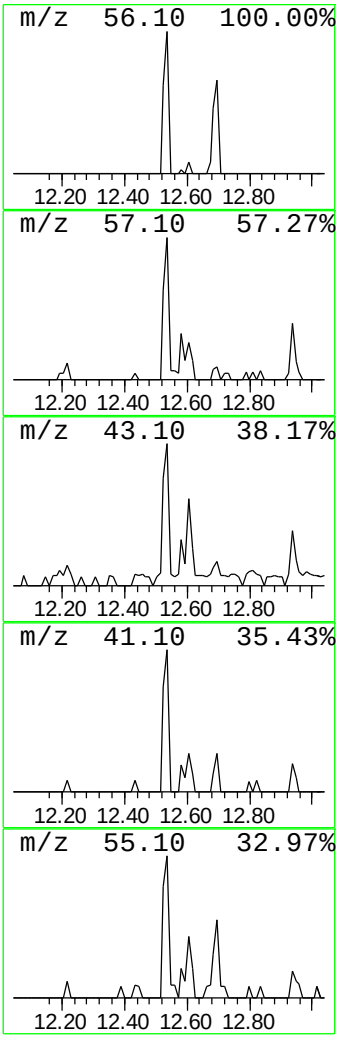
Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.03 ng	69466	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	35
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	32
5	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32





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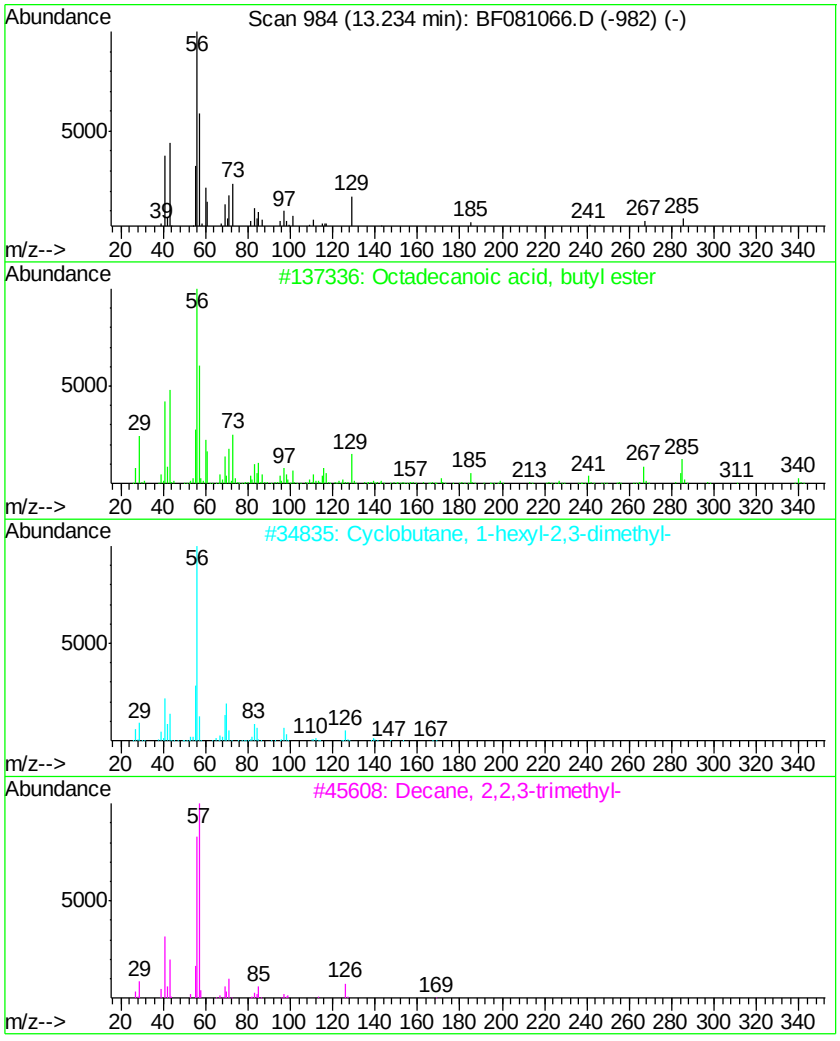
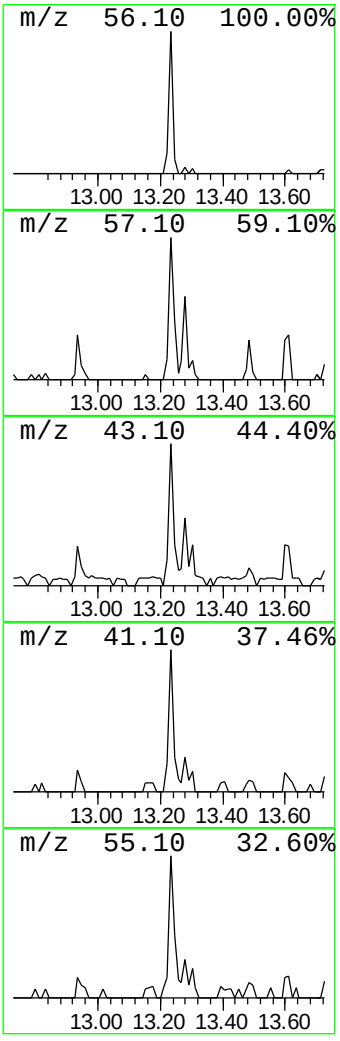
Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.32 ng	79451	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35





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
3-Penten-2-one, 4...	3.96	4.0	ng	77564	1	6.60	390054	20.0
2-Pentanone, 4-hy...	4.71	29.1	ng	566681	1	6.60	390054	20.0
2-Pentanone, 4-me...	5.60	3.0	ng	59342	1	6.60	390054	20.0
unknown6.36	6.36	76.2	ng	1486360	1	6.60	390054	20.0
1-Hexanol, 2-ethyl-	6.68	2.0	ng	39451	1	6.60	390054	20.0
Hexadecanoic acid...	12.54	2.0	ng	69466	5	13.73	685790	20.0
Octadecanoic acid...	13.23	2.3	ng	79451	5	13.73	685790	20.0