LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089473.D
Acq On : 31 Jul 2016 16:19
Operator : UM/SJ
Sample : H4257-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-3

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-BF072716.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	1.655	5	6	47	rVB	1035877	2447017	100.00%	16.795%
2	4.593	260	263	279	rBV	327080	589161	24.08%	4.044%
3	5.061	302	304	328	rBV	923458	1292614	52.82%	8.872%
4	5.473	338	340	347	rVB	25603	32761	1.34%	0.225%
5	6.159	397	400	402	rBV	1141754	1388455	56.74%	9.529%
6	6.262	407	409	411	rBV	1424126	1430373	58.45%	9.817%
7	6.490	427	429	440	rVB	212970	245134	10.02%	1.682%
8	6.650	440	443	445	rBV	753709	993887	40.62%	6.821%
9	7.062	477	479	490	rBV	580772	823864	33.67%	5.654%
10	7.782	540	542	553	rBV	215372	331956	13.57%	2.278%
11	8.856	634	636	639	rBV	1400967	1403065	57.34%	9.630%
12	9.256	669	671	674	rBV	218681	202263	8.27%	1.388%
13	9.519	692	694	697	rBV	446913	395891	16.18%	2.717%
14	10.308	761	763	773	rVV	875406	935032	38.21%	6.417%
15	10.445	773	775	779	rVV	31167	34916	1.43%	0.240%
16	10.993	820	823	833	rVV	362633	378878	15.48%	2.600%
17	11.553	869	872	878	rBV2	41973	55086	2.25%	0.378%
18	12.571	959	961	964	rBV	1008113	1033078	42.22%	7.090%
19	13.485	1038	1041	1049	rBV2	58930	90783	3.71%	0.623%
20	13.611	1049	1052	1057	rBV	214633	254510	10.40%	1.747%
21	14.937	1166	1168	1174	rBV	180909	211437	8.64%	1.451%

Sum of corrected areas: 14570161

LSC Report - Integrated Chromatogram

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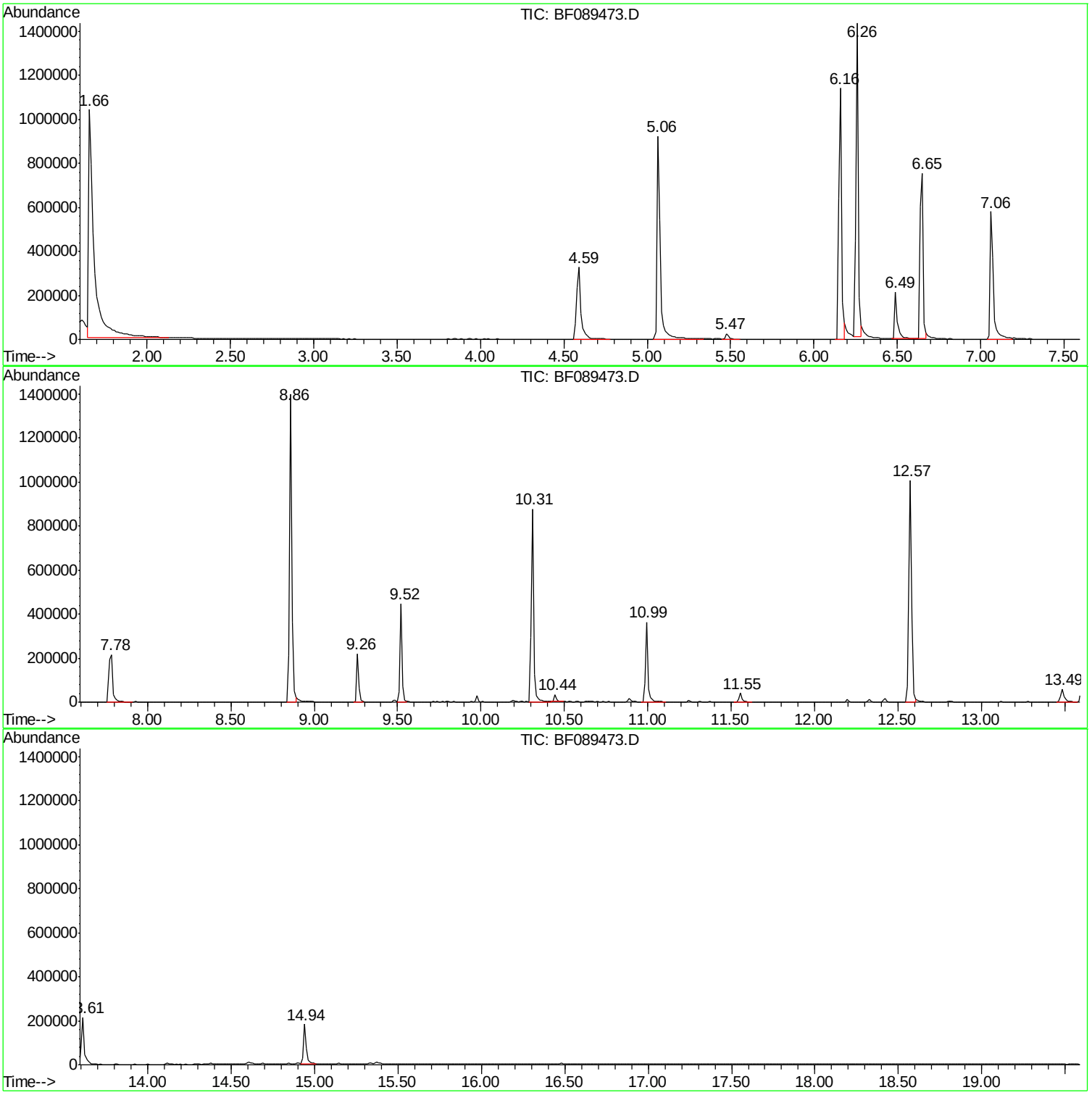
Instrument : BNA_F
ClientSampleId : TEC-COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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Acq On : 31 Jul 2016 16:19
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Sample : H4257-03
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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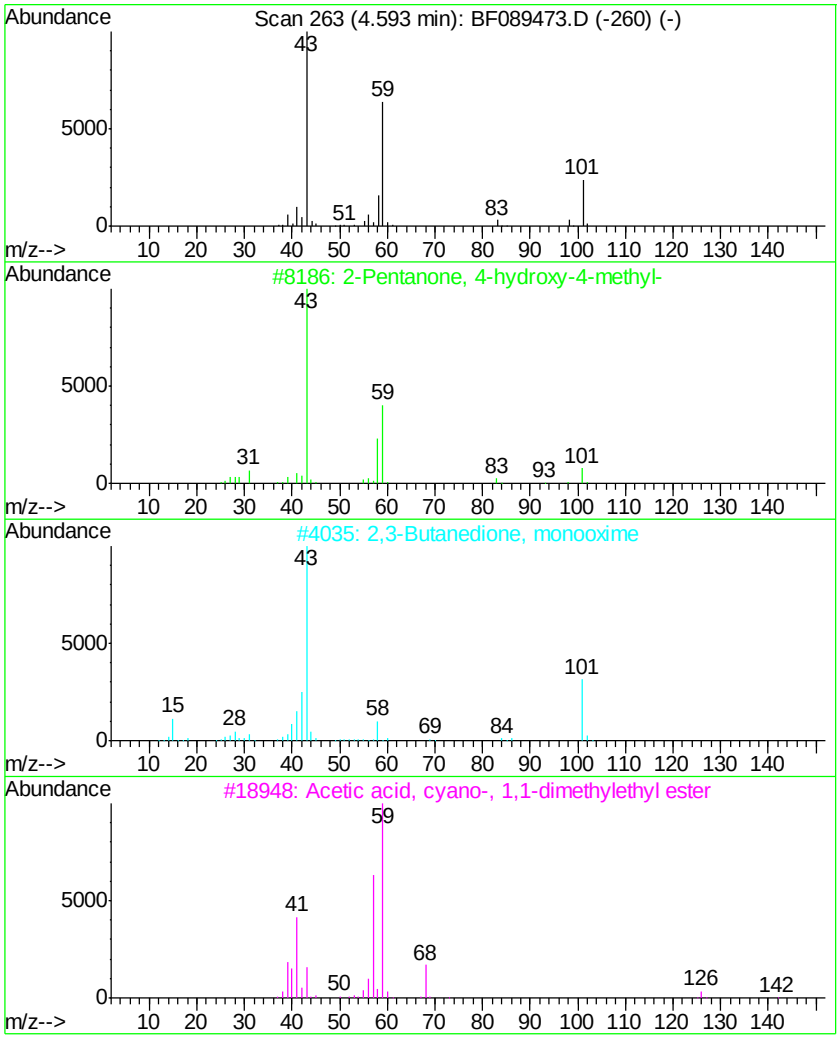
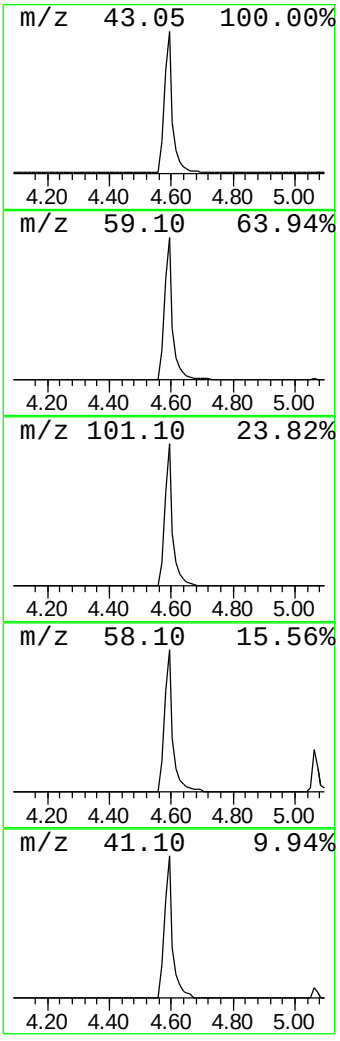
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	48.07 ng	589161	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Operator : UM/SJ
Sample : H4257-03
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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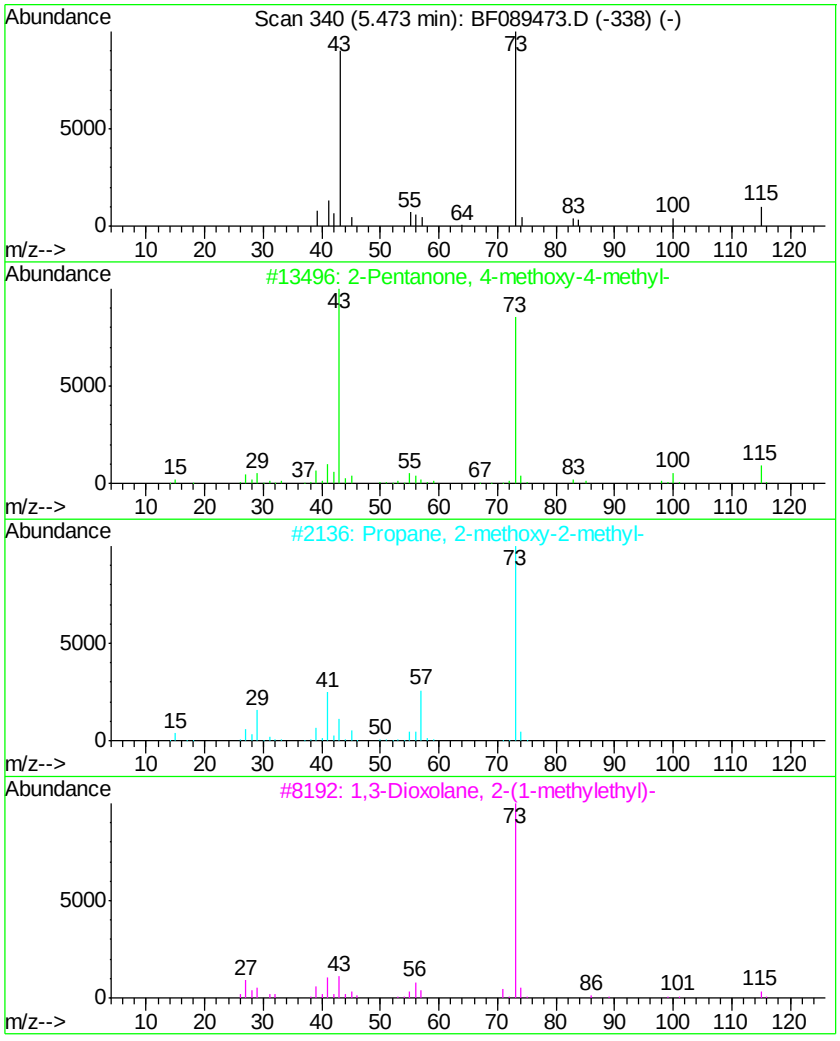
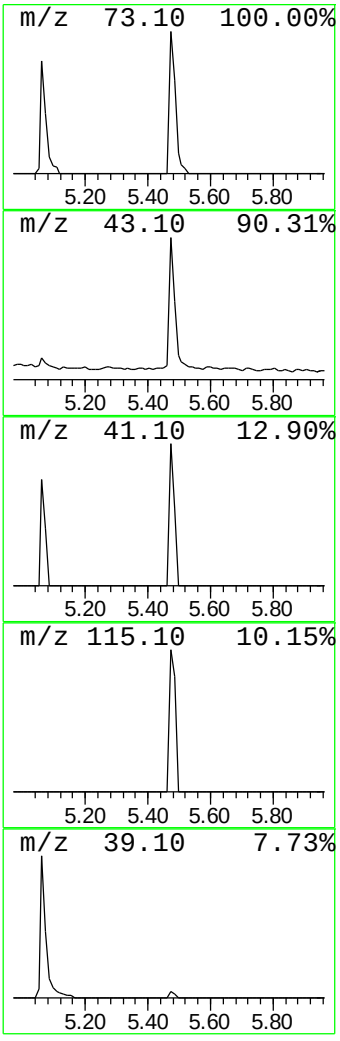
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	2.67 ng	32761	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	59
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	7
5	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	7





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Sample : H4257-03
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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TIC Library : C:\Database\NIST11.L
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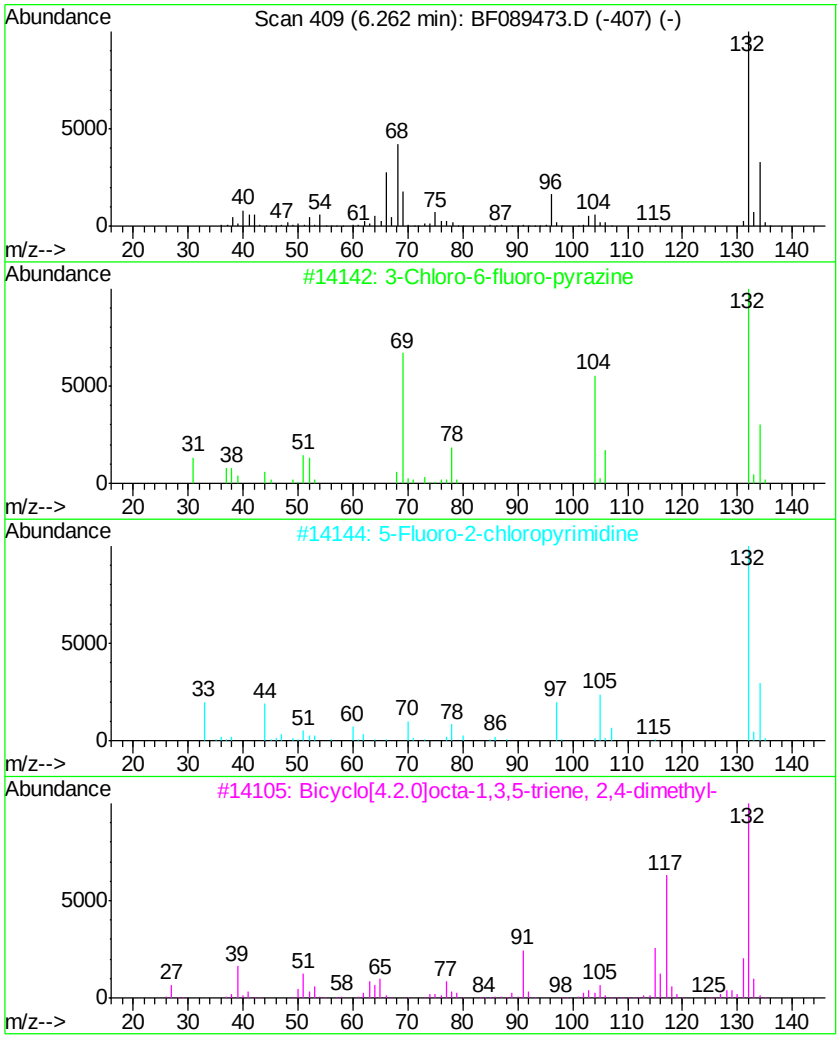
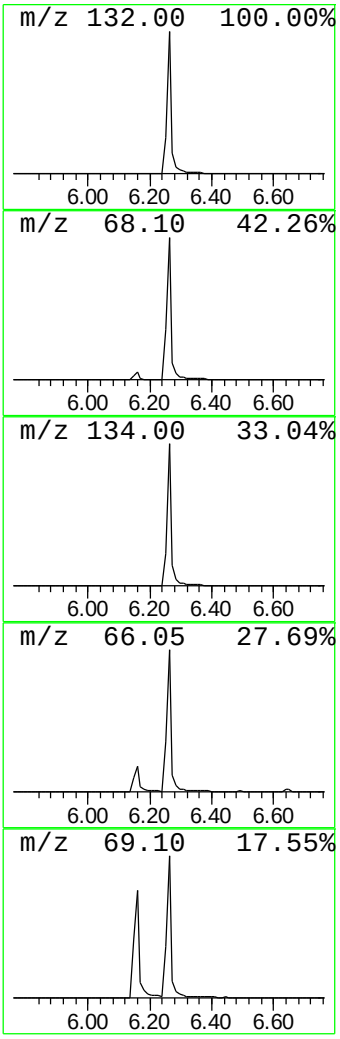
Peak Number 4 unknown6.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	116.70 ng	1430370	1,4-Dichlorobenzene-d4	6.49

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	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

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Sample : H4257-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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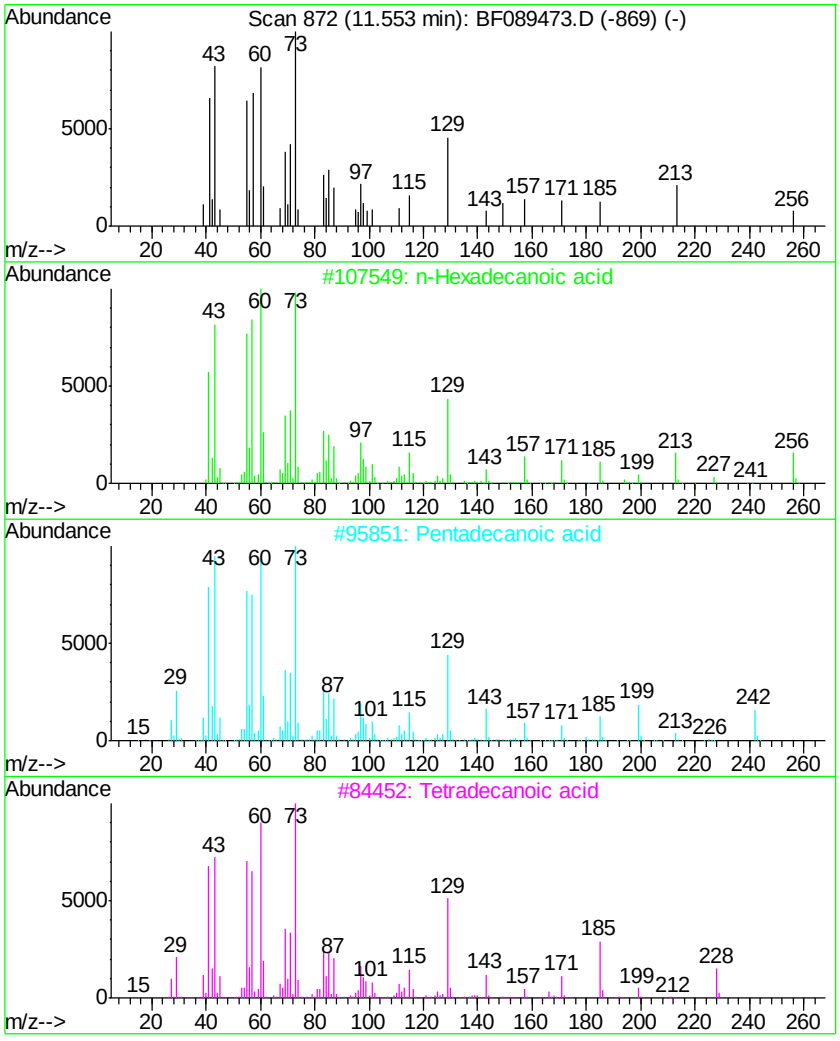
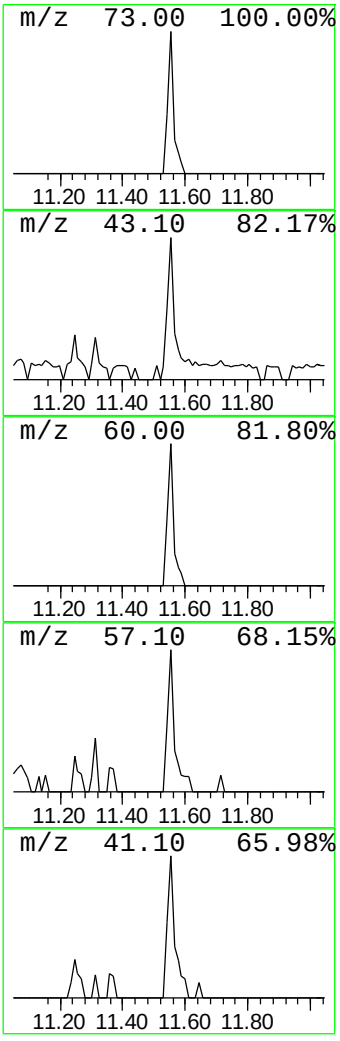
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.91 ng	55086	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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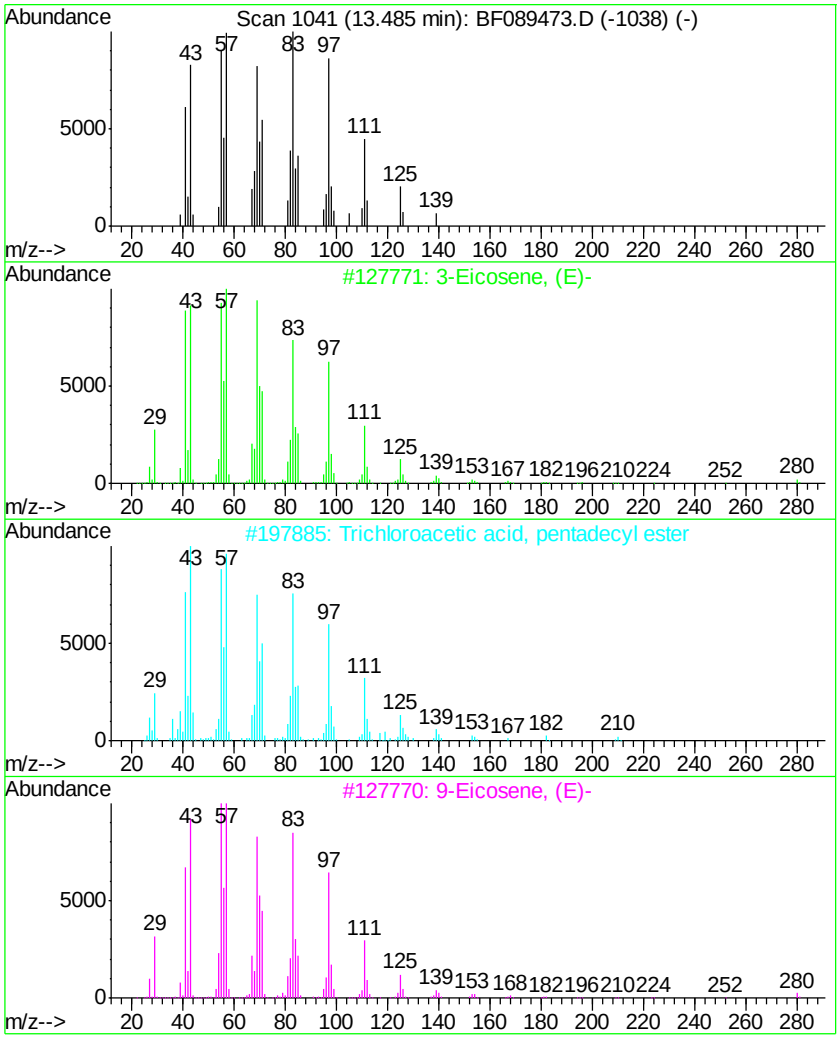
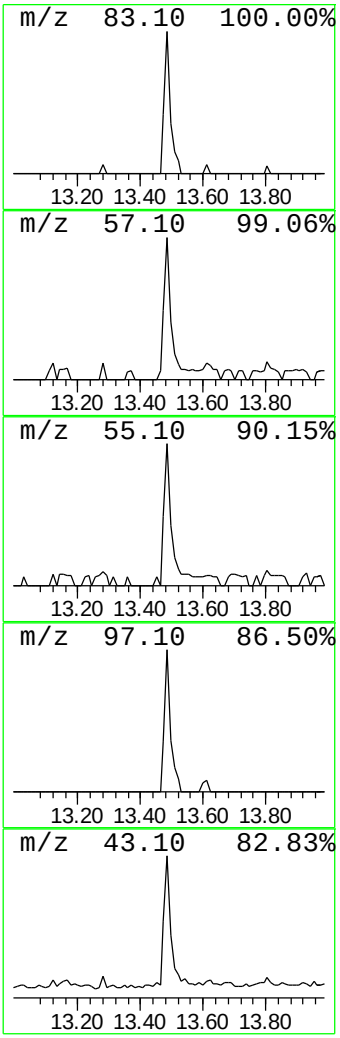
Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	7.13 ng	90783	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
4	1-Hexacosanol	382	C26H54O	000506-52-5	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	86





Tentatively Identified Compound (LSC) summary

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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...	4.59	48.1	ng	589161	1	6.49	245134	20.0
2-Pentanone, 4-me...	5.47	2.7	ng	32761	1	6.49	245134	20.0
unknown6.26	6.26	116.7	ng	1430370	1	6.49	245134	20.0
n-Hexadecanoic acid	11.55	2.9	ng	55086	4	10.99	378878	20.0
3-Eicosene, (E)-	13.49	7.1	ng	90783	5	13.61	254510	20.0