LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087145.D
Acq On : 18 May 2016 15:54
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SVOC-TTO

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-BF051716.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	1.712	10	11	59	rVB	2819738	6221168	80.86%	13.247%
2	3.953	203	207	210	rBV	2985692	4826786	62.73%	10.278%
3	4.718	269	274	277	rBV	3249768	7694149	100.00%	16.384%
4	5.164	311	313	327	rBV	1216709	1593001	20.70%	3.392%
5	5.564	346	348	351	rBV	978506	912953	11.87%	1.944%
6	6.239	405	407	414	rBV	677805	1163096	15.12%	2.477%
7	6.353	414	417	419	rBV	2158114	2280301	29.64%	4.856%
8	6.581	435	437	439	rBV	659502	832486	10.82%	1.773%
9	6.730	448	450	453	rBV	2616861	2608632	33.90%	5.555%
10	7.153	484	487	489	rBV	2524955	2502826	32.53%	5.330%
11	7.862	547	549	552	rBV	983641	1066374	13.86%	2.271%
12	8.102	568	570	572	rBV	86970	175563	2.28%	0.374%
13	8.136	572	573	579	rVB	149239	158406	2.06%	0.337%
14	8.947	641	644	646	rBV	4067632	4231972	55.00%	9.012%
15	9.610	700	702	705	rBV	1257479	1206915	15.69%	2.570%
16	10.045	737	740	742	rBV	190059	163366	2.12%	0.348%
17	10.399	768	771	774	rBV	1809742	1830758	23.79%	3.898%
18	11.085	829	831	834	rBV2	1086527	1198424	15.58%	2.552%
19	12.674	967	970	973	rBV	3641342	3753436	48.78%	7.993%
20	13.714	1059	1061	1064	rBV	1328920	1261193	16.39%	2.686%
21	14.697	1140	1147	1152	rBV3	26874	132819	1.73%	0.283%
22	15.062	1177	1179	1182	rBV	796281	1146998	14.91%	2.442%

Sum of corrected areas: 46961622

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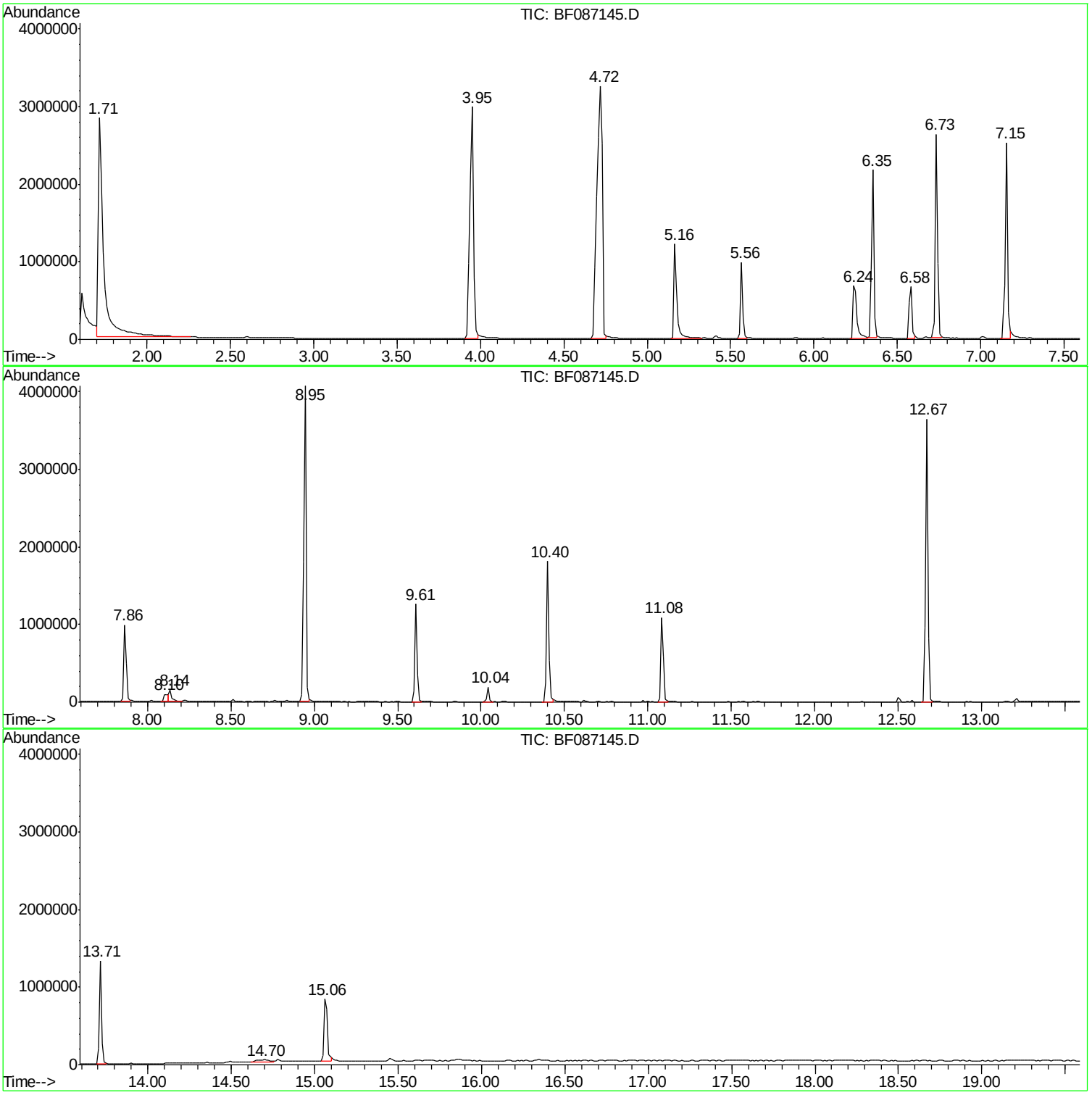
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087145.D
Acq On : 18 May 2016 15:54
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SVOC-TTO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

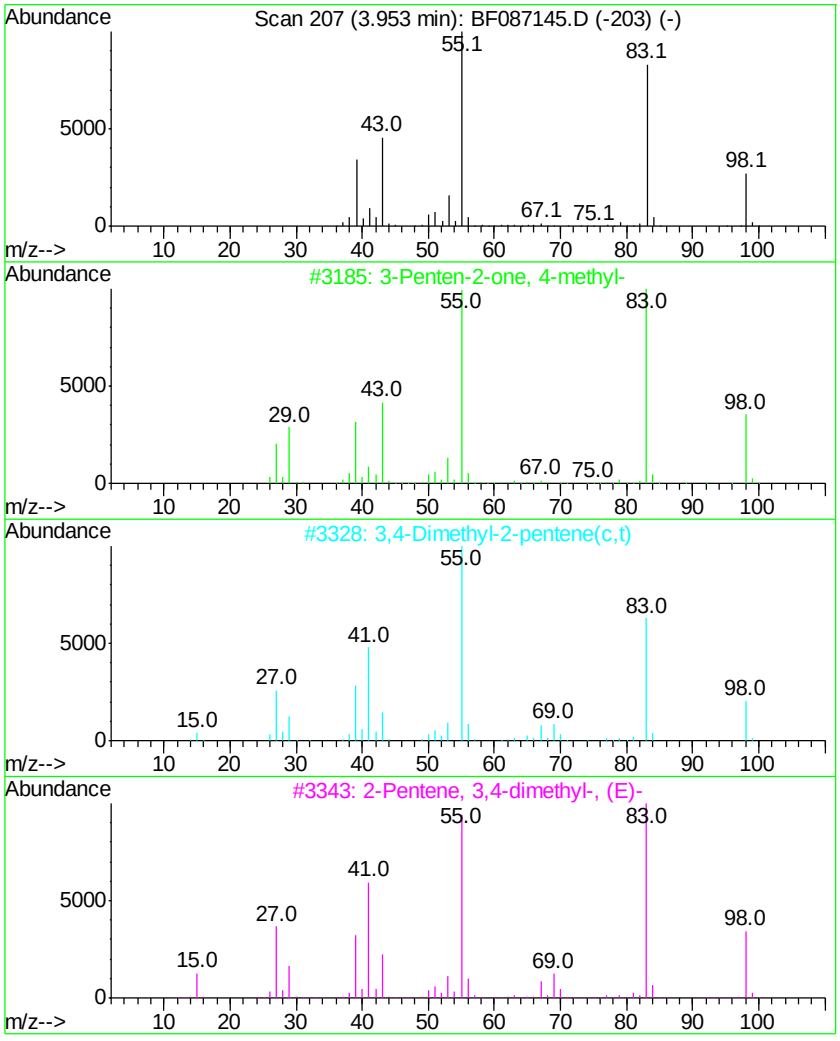
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

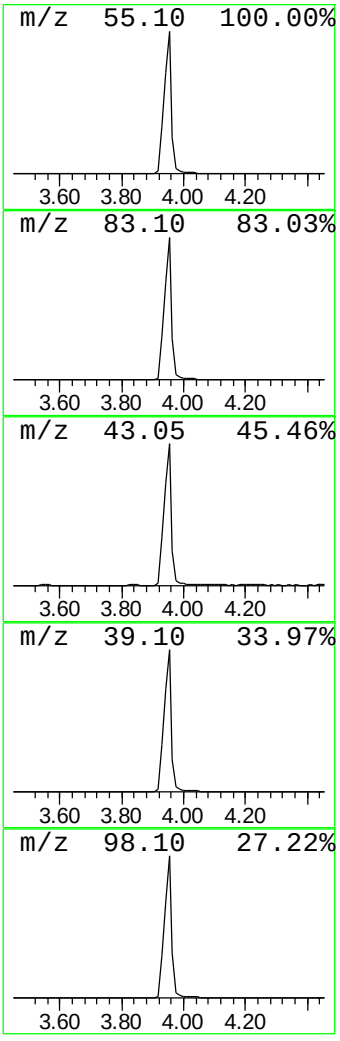
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	115.96 ng	4826790	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72
5	3-Hexen-2-one	98	C6H10O	000763-93-9	72





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Data File : BF087145.D
Acq On : 18 May 2016 15:54
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SVOC-TTO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

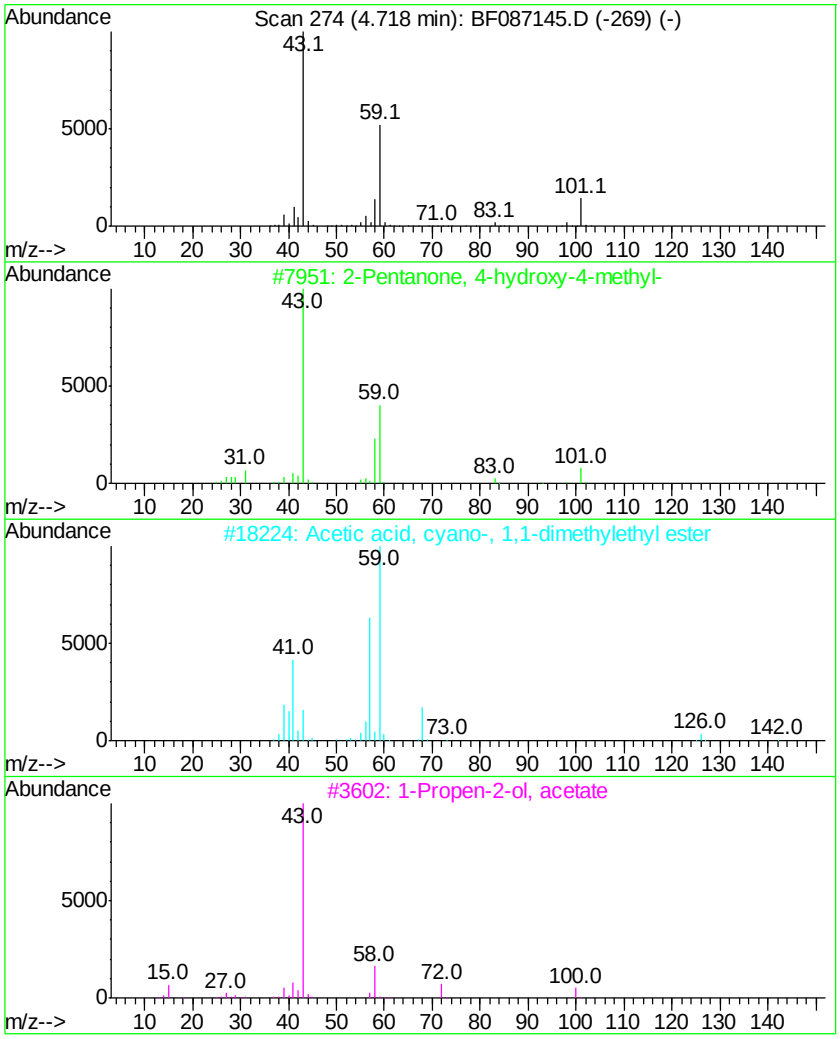
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

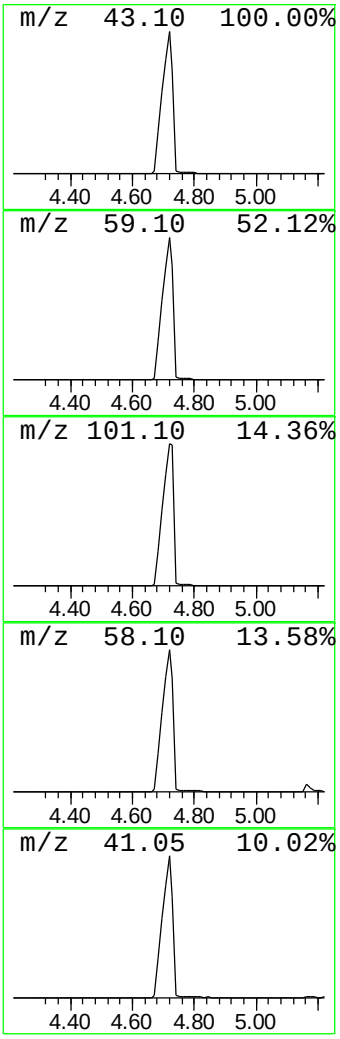
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	184.85 ng	7694150	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087145.D
Acq On : 18 May 2016 15:54
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SVOC-TTO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

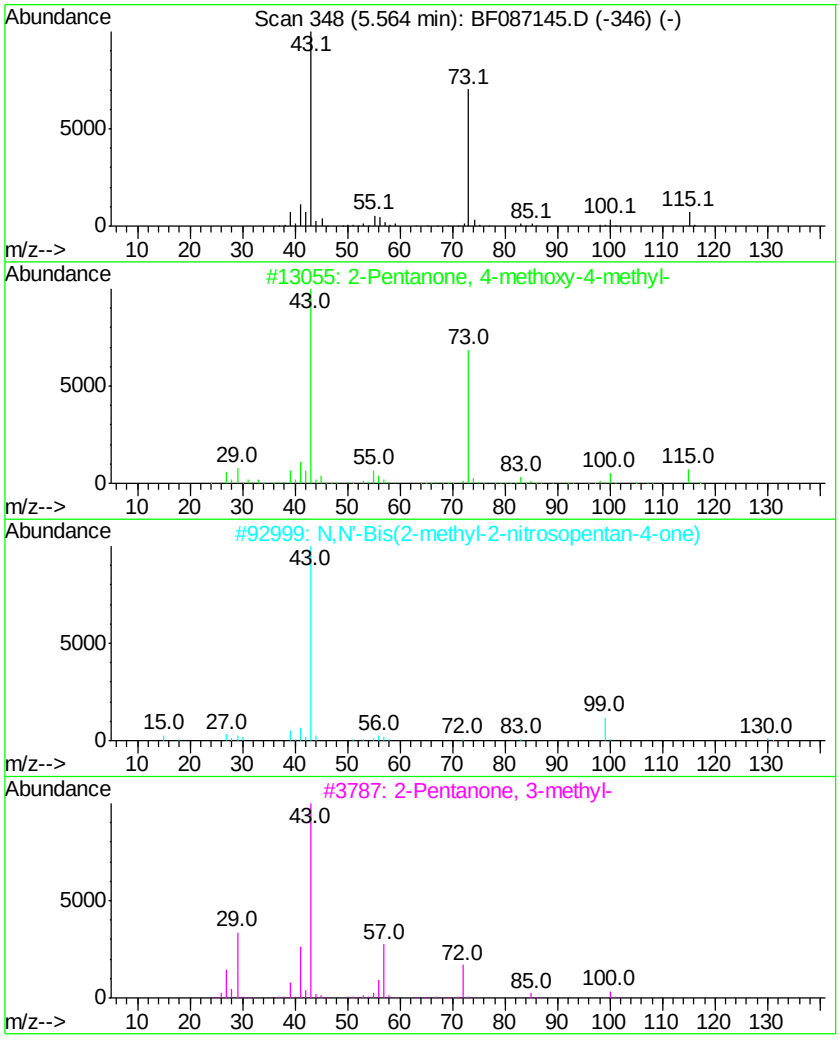
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

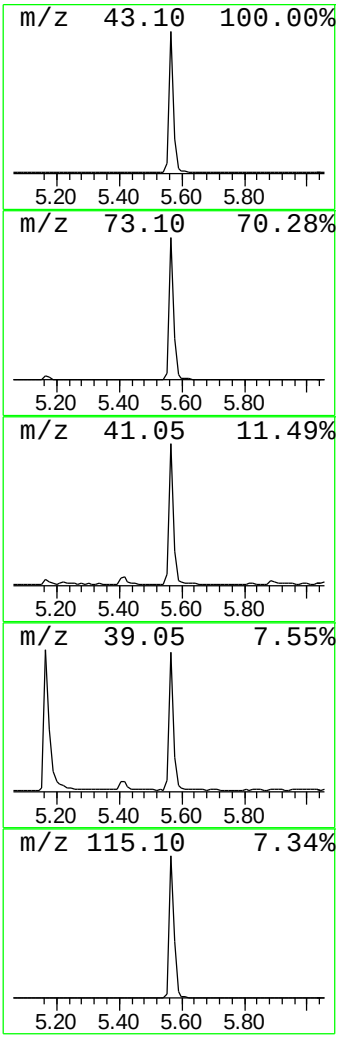
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	21.93 ng	912953	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	25
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	23
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	17
5	2-Heptanone	114	C7H14O	000110-43-0	17





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Data File : BF087145.D
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Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SVOC-TTO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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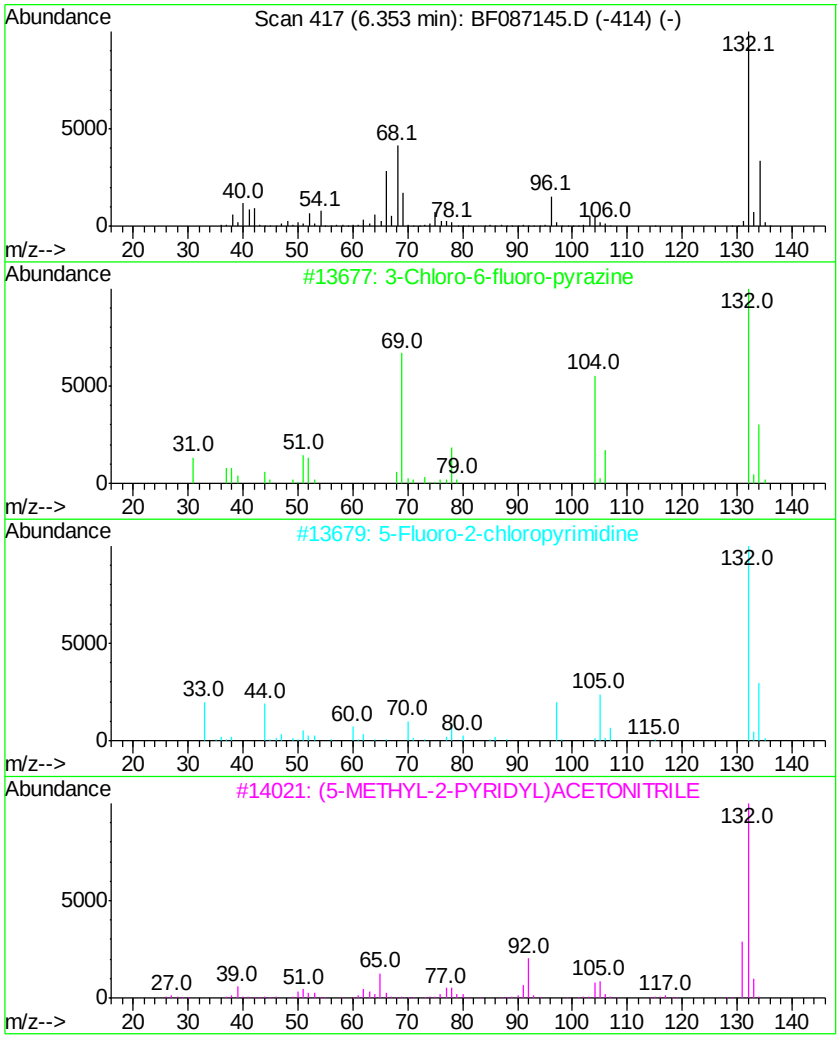
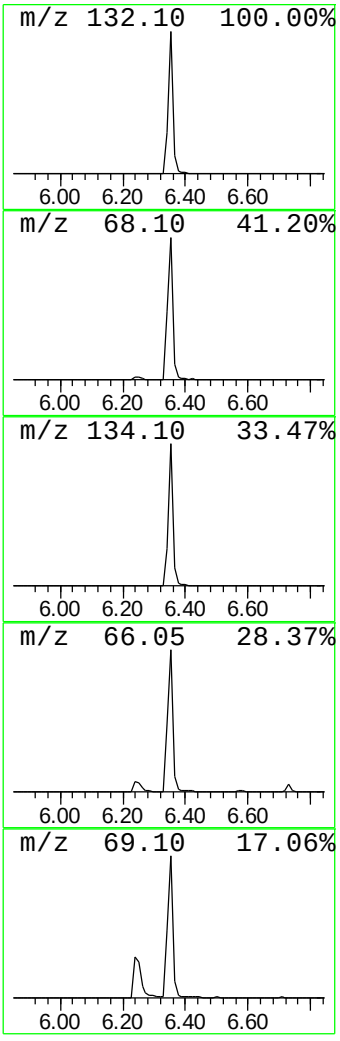
Peak Number 5 unknown6.35 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	54.78 ng	2280300	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Sample : H3100-03
Misc :
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Instrument : BNA_F
ClientSampleId : SVOC-TTO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

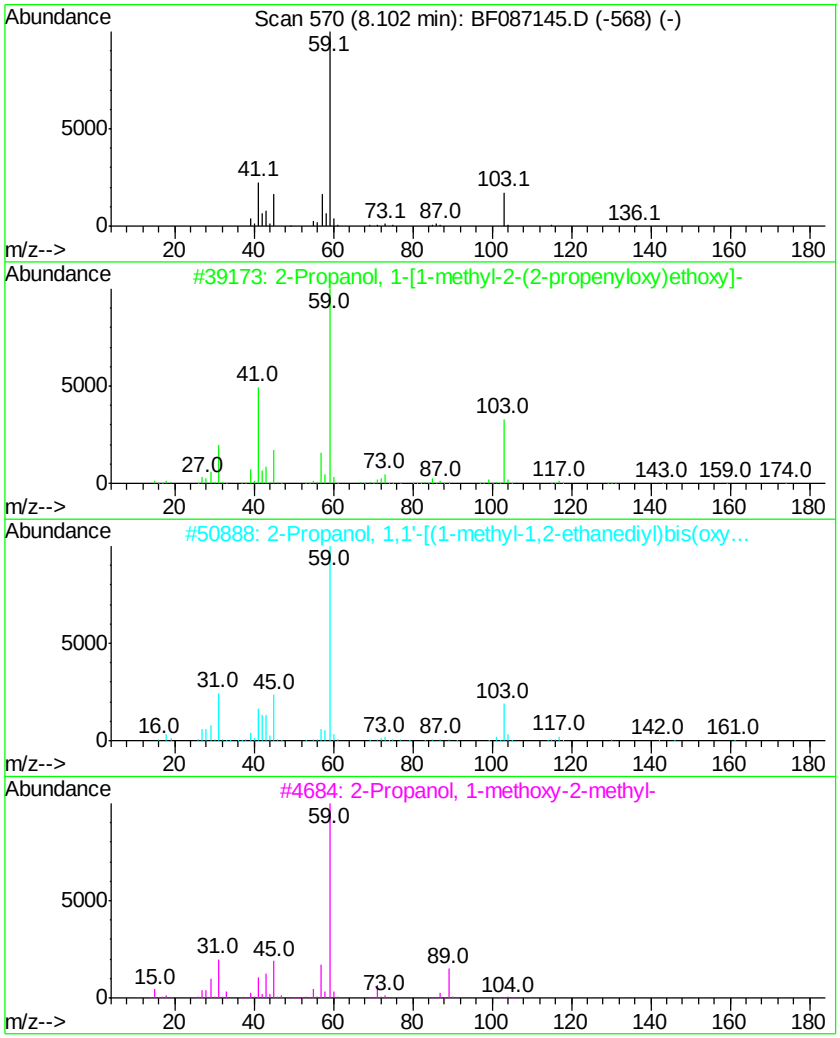
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

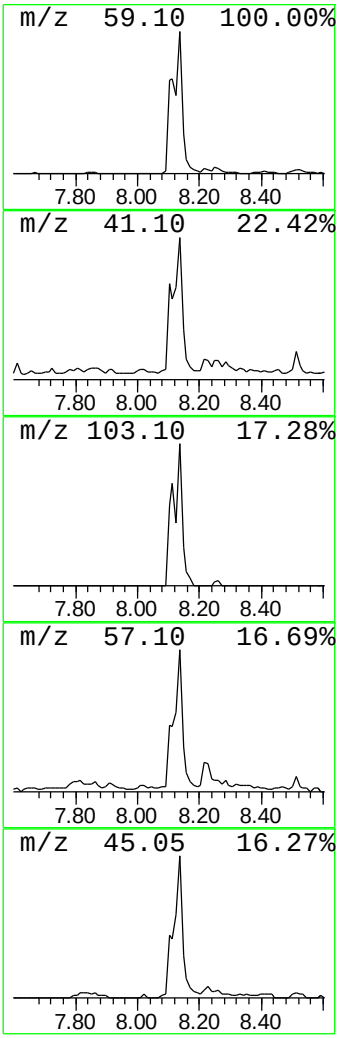
****

Peak Number 7 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	3.29 ng	175563	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	83
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
3	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	64
4	Dipropylene glycol	134	C6H14O3	025265-71-8	56
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	45





Library Search Compound Report

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ClientSampleId : SVOC-TTO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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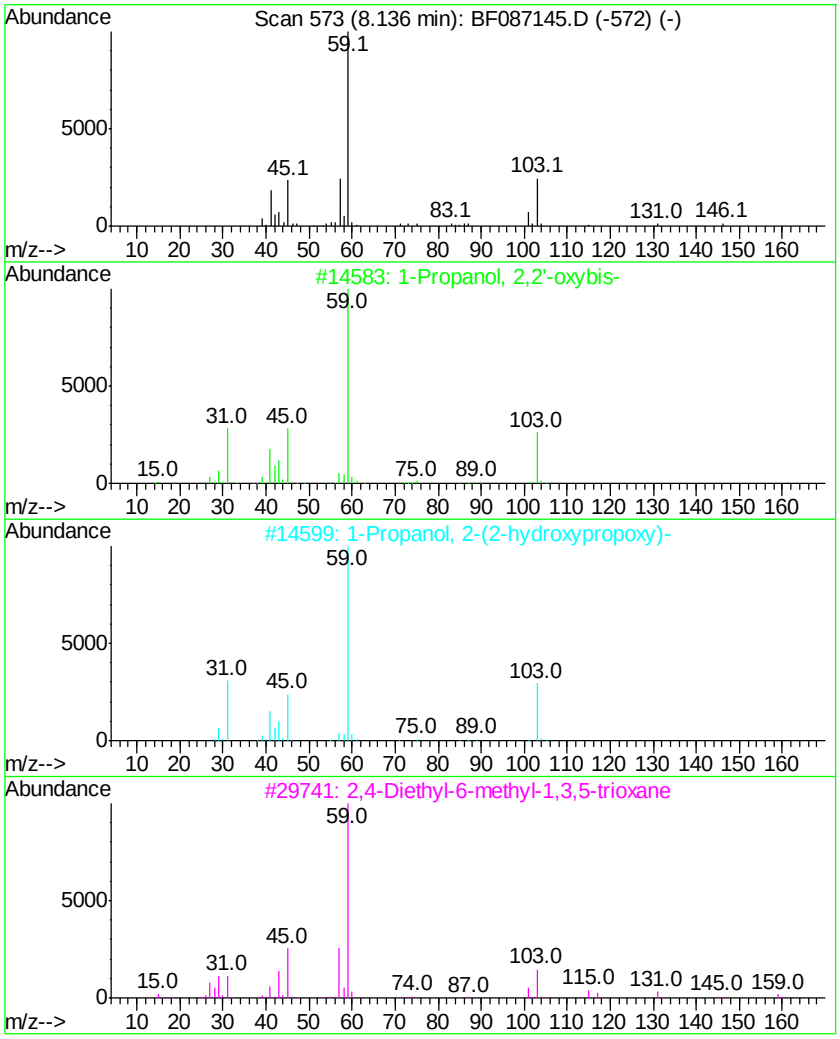
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

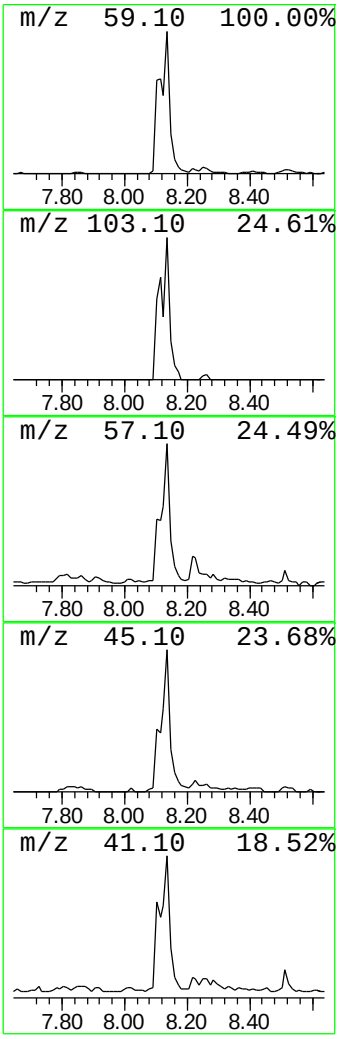
****

Peak Number 8 1-Propanol, 2,2'-oxybis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	2.97 ng	158406	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
3	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	64
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	42
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	40





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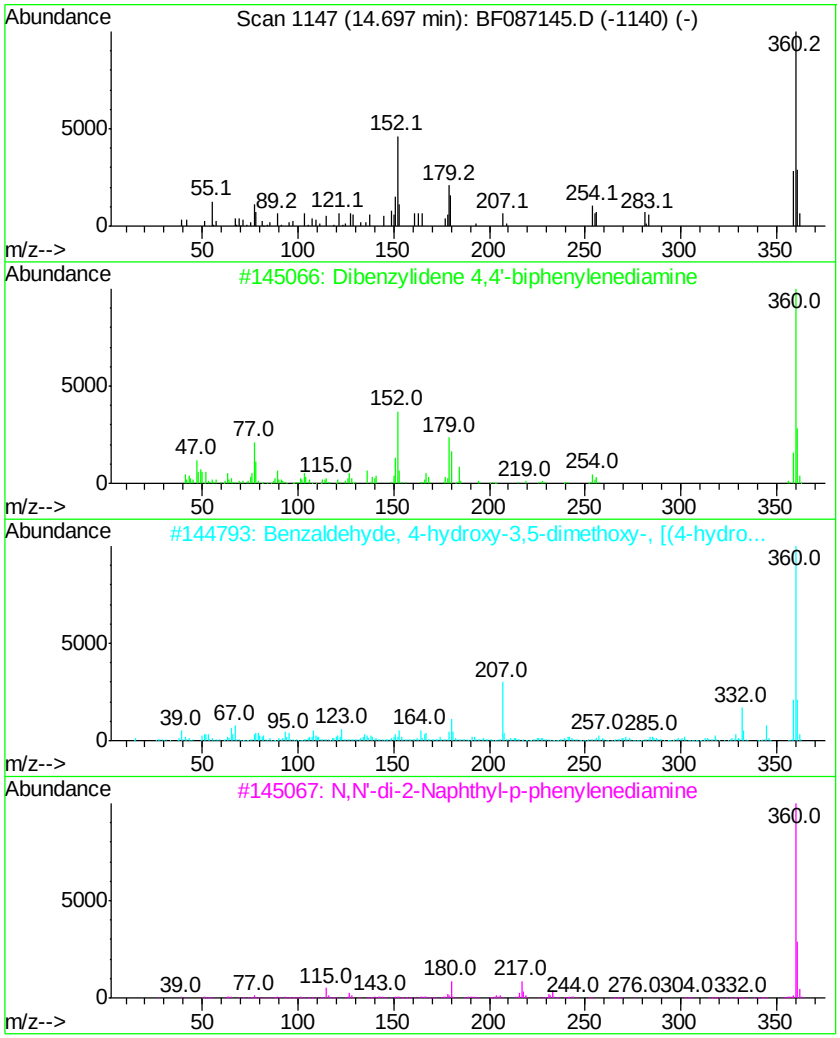
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

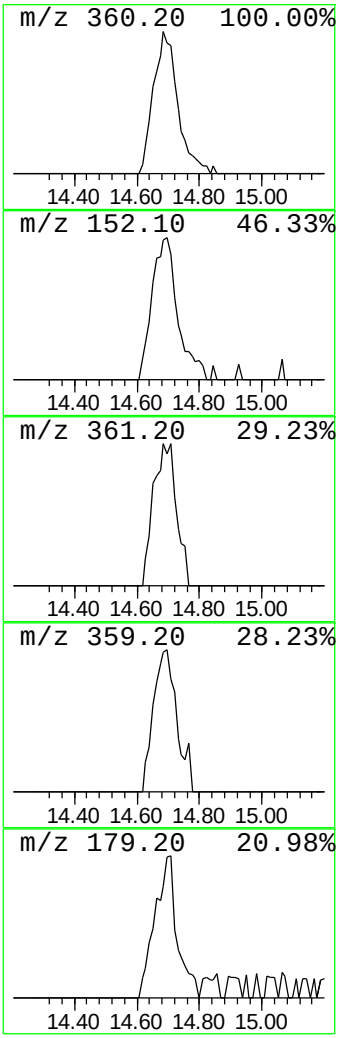
****

Peak Number 9 Dibenzylidene 4,4'-biphenyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.32 ng	132819	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzylidene 4,4'-biphenylenedi...	360	C26H20N2	006311-48-4	93
2	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
3	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	43
4	Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	43
5	1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13BO6	1000150-23-7	43





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	3.95	116.0	ng	4826790	1	6.58	832486	20.0
2-Pentanone, 4-hy...	4.72	184.8	ng	7694150	1	6.58	832486	20.0
2-Pentanone, 4-me...	5.56	21.9	ng	912953	1	6.58	832486	20.0
unknown6.35	6.35	54.8	ng	2280300	1	6.58	832486	20.0
2-Propanol, 1-[1-...	8.10	3.3	ng	175563	2	7.86	1066370	20.0
1-Propanol, 2,2'-...	8.14	3.0	ng	158406	2	7.86	1066370	20.0
Dibenzylidene 4,4...	14.70	2.3	ng	132819	6	15.07	1147000	20.0