LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089093.D
Acq On : 18 Jul 2016 20:41
Operator : UM/SJ
Sample : H4044-27 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B1(0-6)C

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-BF063016.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	1.633	3	4	13	rVV	102044	182952	7.58%	1.935%
2	1.747	13	14	36	rVB	1194722	2413354	100.00%	25.520%
3	4.764	276	278	281	rBB	29114	34989	1.45%	0.370%
4	5.233	316	319	321	rBV	439869	580742	24.06%	6.141%
5	6.296	409	412	414	rBV	594481	633239	26.24%	6.696%
6	6.410	420	422	424	rBV	776714	651653	27.00%	6.891%
7	6.479	426	428	431	rBV	158600	148587	6.16%	1.571%
8	6.639	440	442	444	rBB	396537	323326	13.40%	3.419%
9	6.799	453	456	458	rBB	522923	496897	20.59%	5.254%
10	7.210	489	492	494	rBV	317854	373554	15.48%	3.950%
11	7.930	552	555	557	rBV	444424	427414	17.71%	4.520%
12	9.005	646	649	651	rBV	844886	682409	28.28%	7.216%
13	9.405	681	684	686	rVB	107990	108216	4.48%	1.144%
14	9.679	705	708	709	rBV	308605	374769	15.53%	3.963%
15	10.456	774	776	779	rVB	296935	250583	10.38%	2.650%
16	11.154	834	837	840	rVB	226275	344550	14.28%	3.643%
17	12.354	940	942	944	rBV	68030	58265	2.41%	0.616%
18	12.571	959	961	964	rBV	38459	52265	2.17%	0.553%
19	12.731	973	975	977	rVB	520747	447614	18.55%	4.733%
20	13.771	1063	1066	1072	rBV	388611	411065	17.03%	4.347%
21	13.874	1072	1075	1078	rBV5	11679	30250	1.25%	0.320%
22	14.160	1095	1100	1101	rBV3	15654	39610	1.64%	0.419%
23	14.765	1151	1153	1156	rBV	25911	48902	2.03%	0.517%
24	15.017	1173	1175	1179	rBV2	23001	37089	1.54%	0.392%
25	15.131	1182	1185	1194	rVB	221445	304341	12.61%	3.218%

Sum of corrected areas: 9456635

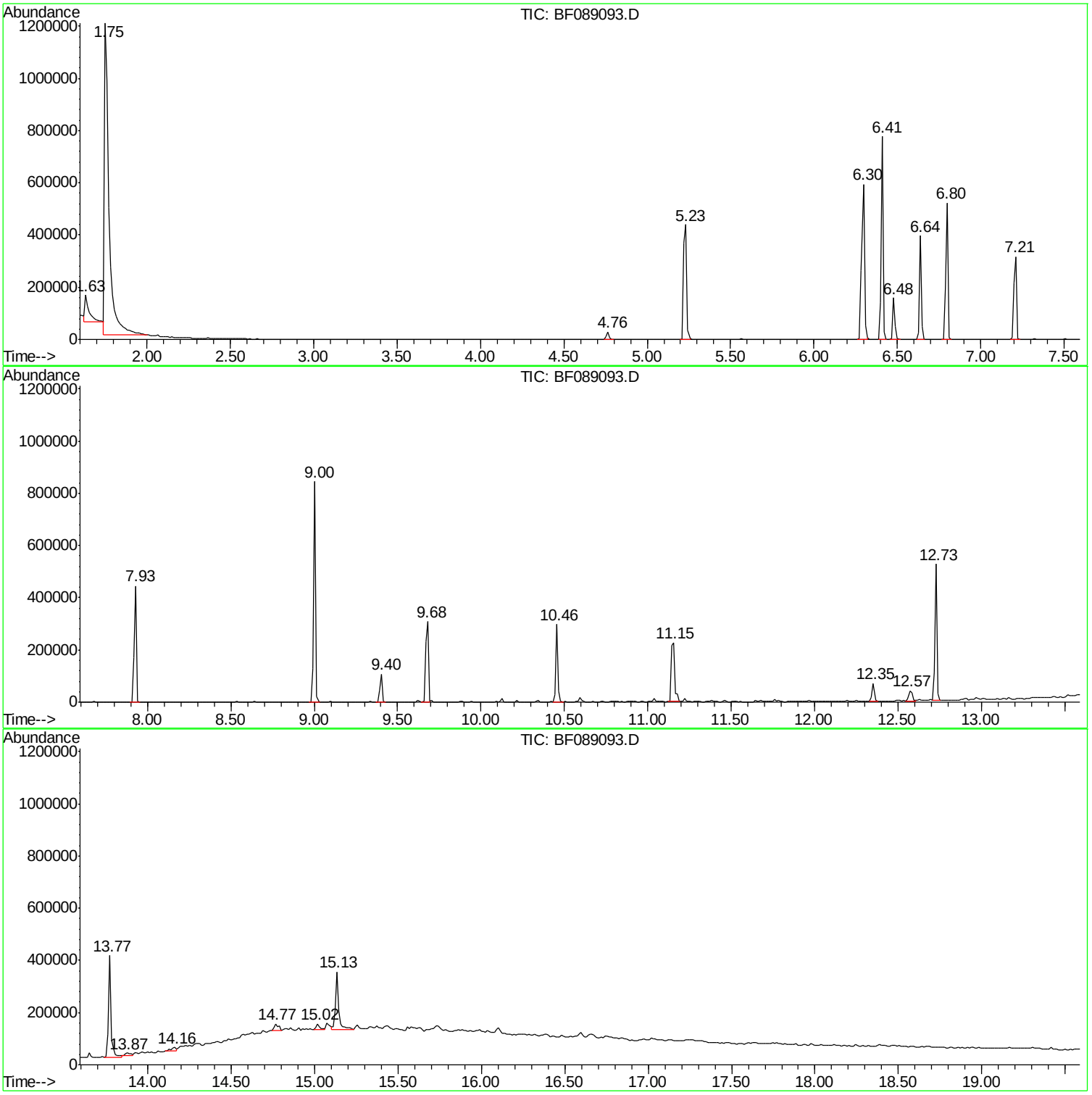
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089093.D
Acq On : 18 Jul 2016 20:41
Operator : UM/SJ
Sample : H4044-27 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H10-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089093.D
Acq On : 18 Jul 2016 20:41
Operator : UM/SJ
Sample : H4044-27 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

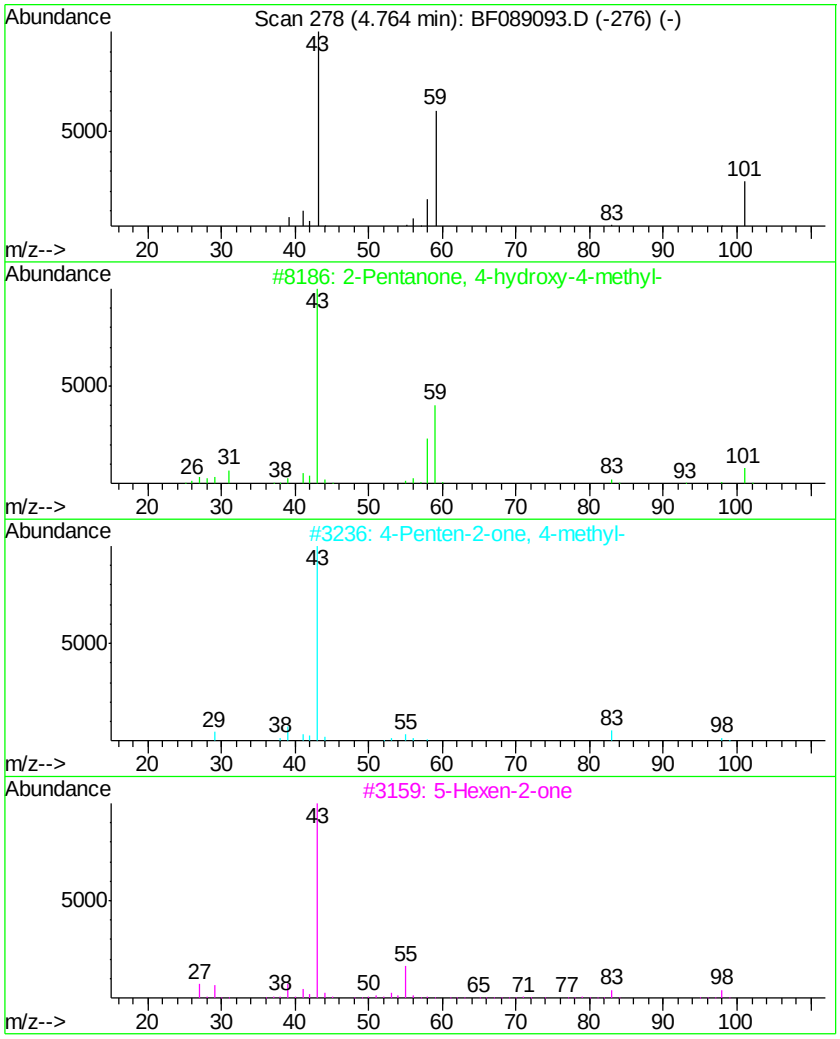
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

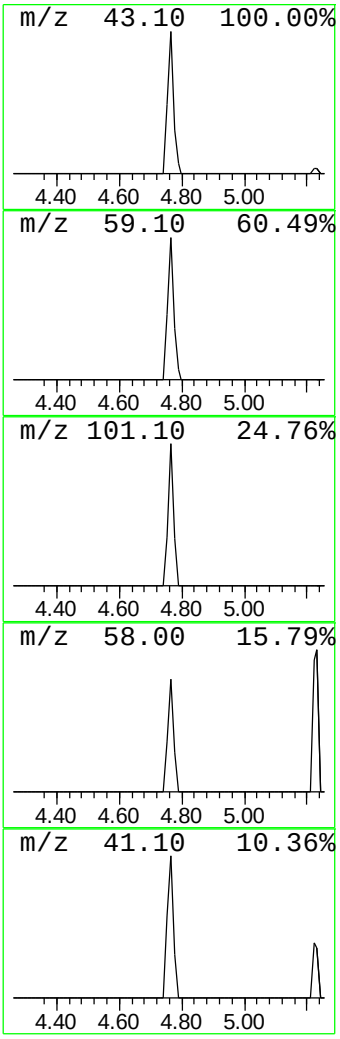
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	2.16 ng	34989	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089093.D
Acq On : 18 Jul 2016 20:41
Operator : UM/SJ
Sample : H4044-27 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

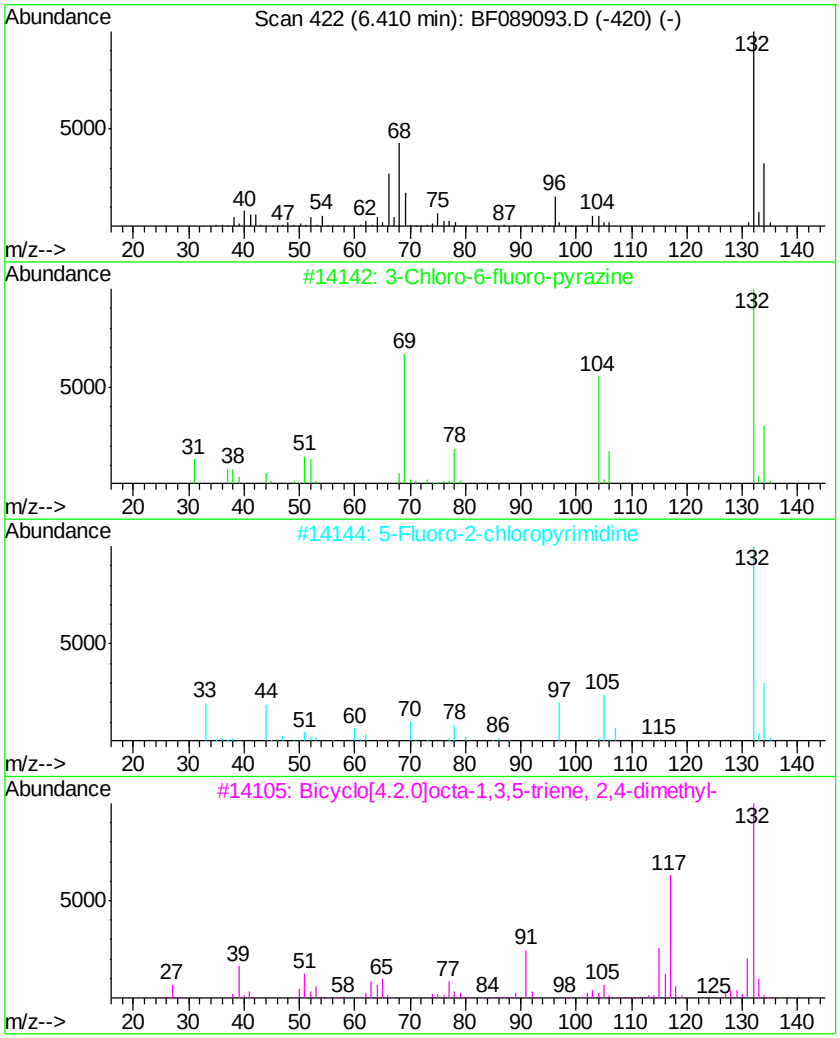
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

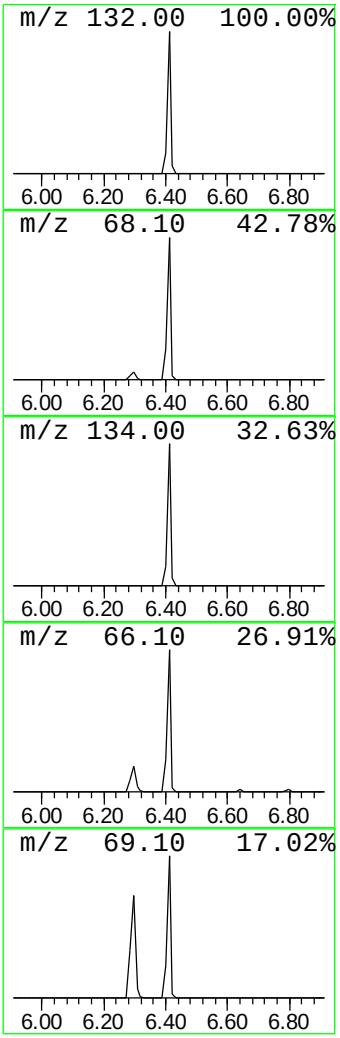
****

Peak Number 4 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	40.31 ng	651653	1,4-Dichlorobenzene-d4	6.64

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	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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089093.D
Acq On : 18 Jul 2016 20:41
Operator : UM/SJ
Sample : H4044-27 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

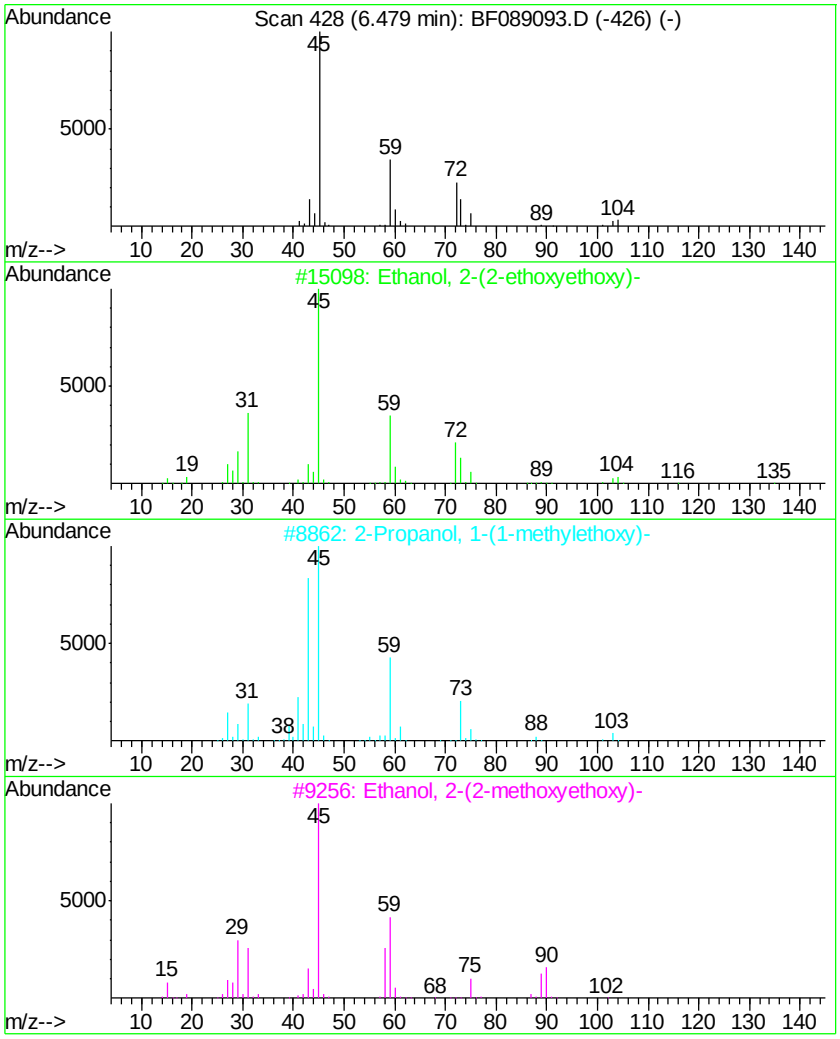
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

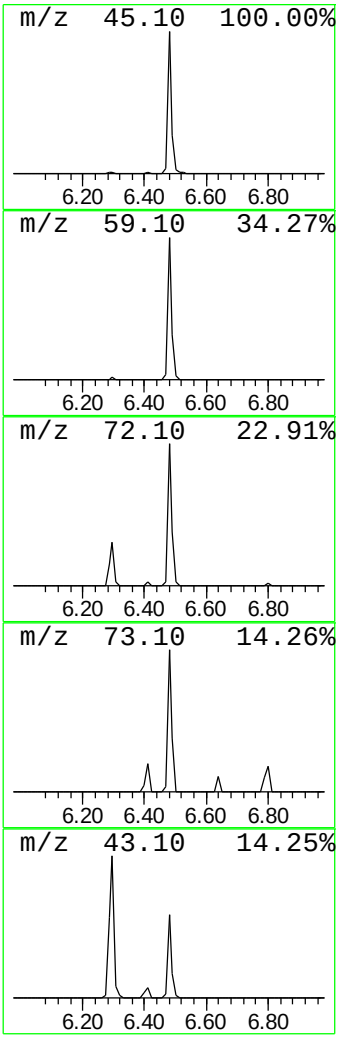
****

Peak Number 5 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	9.19 ng	148587	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
5	Diethyl carbitol	162	C8H18O3	000112-36-7	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089093.D
Acq On : 18 Jul 2016 20:41
Operator : UM/SJ
Sample : H4044-27 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

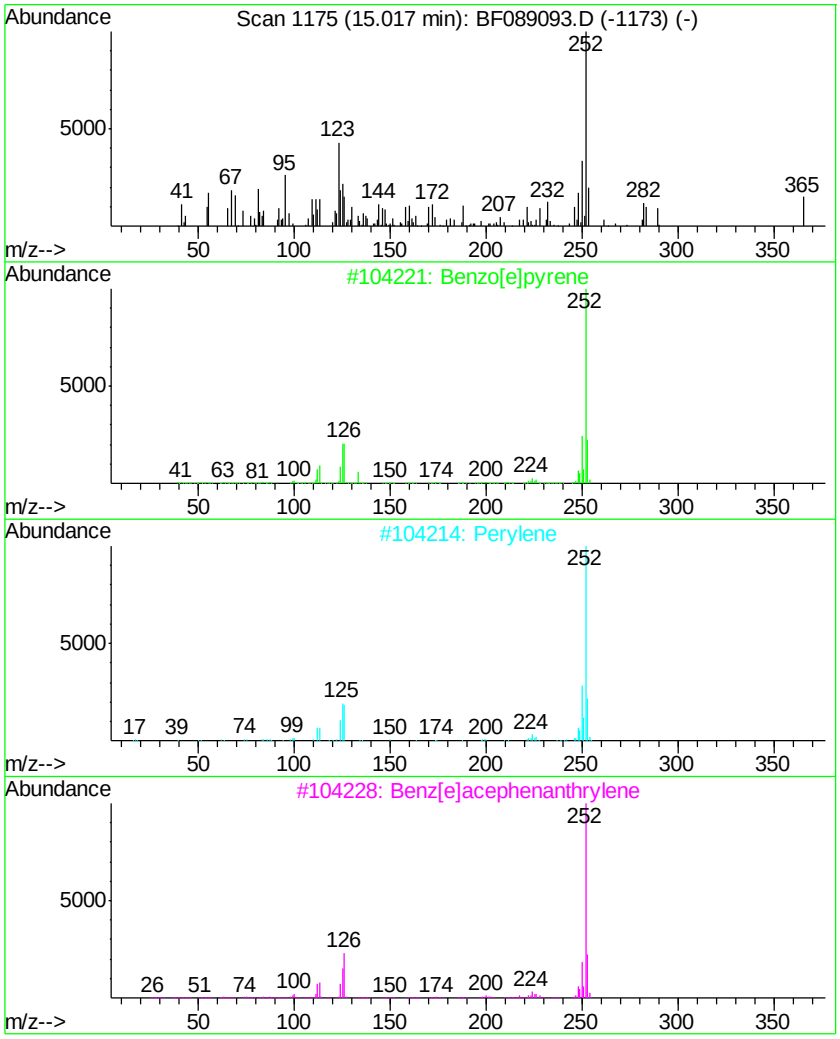
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

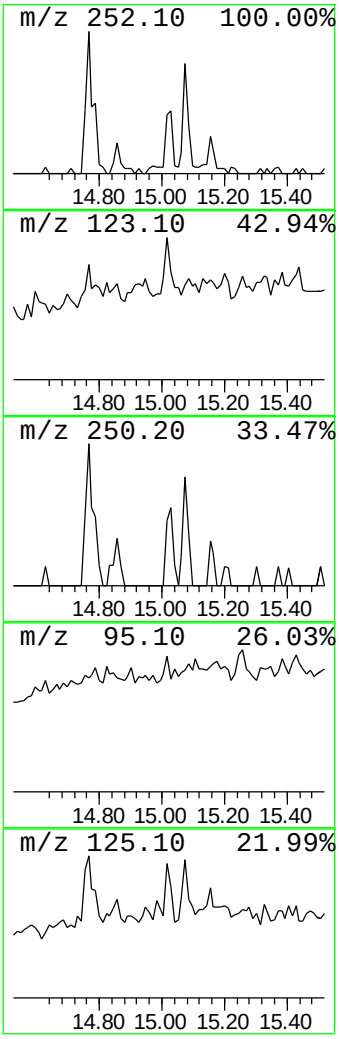
****

Peak Number 7 unknown15.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	2.44 ng	37089	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	46
2	Perylene	252	C20H12	000198-55-0	41
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	38
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	38
5	4H-1-Benzopyran-4-one, 8-methoxy...	252	C16H12O3	026964-26-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089093.D
Acq On : 18 Jul 2016 20:41
Operator : UM/SJ
Sample : H4044-27 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B1(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	4.76	2.2	ng	34989	1	6.64	323326	20.0
unknown6.41	6.41	40.3	ng	651653	1	6.64	323326	20.0
Ethanol, 2-(2-eth...	6.48	9.2	ng	148587	1	6.64	323326	20.0
unknown15.02	15.02	2.4	ng	37089	6	15.13	304341	20.0