LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087124.D
Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 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	1.724	10	12	61	rVB	4433301	9675995	100.00%	16.959%
2	3.976	205	209	212	rBV	3020734	5629302	58.18%	9.866%
3	4.741	270	276	278	rBV	3668412	7862374	81.26%	13.780%
4	5.176	312	314	334	rBV	1315280	1863258	19.26%	3.266%
5	5.576	347	349	352	rBV	1070884	1028103	10.63%	1.802%
6	6.250	406	408	415	rBV	1013753	1348454	13.94%	2.363%
7	6.364	415	418	420	rBV	2312205	2588387	26.75%	4.537%
8	6.593	435	438	444	rVB	730285	960395	9.93%	1.683%
9	6.742	449	451	454	rBV	2877191	2923779	30.22%	5.124%
10	7.165	485	488	499	rBV	2679928	2897289	29.94%	5.078%
11	7.873	548	550	553	rBV	993138	1218241	12.59%	2.135%
12	8.125	570	572	573	rBV	125603	141588	1.46%	0.248%
13	8.159	573	575	580	rVB	108966	233929	2.42%	0.410%
14	8.959	642	645	648	rBV	4301768	4442109	45.91%	7.786%
15	9.622	701	703	706	rBV2	1196882	1403283	14.50%	2.460%
16	10.056	739	741	744	rBV	199124	180825	1.87%	0.317%
17	10.411	770	772	775	rBV2	1544920	2134544	22.06%	3.741%
18	11.108	830	833	835	rBV	1276248	1451033	15.00%	2.543%
19	12.697	969	972	974	rBV	3640275	4640088	47.95%	8.133%
20	13.725	1060	1062	1065	rBV	980008	1280524	13.23%	2.244%
21	14.948	1166	1169	1172	rBV	138196	185545	1.92%	0.325%
22	15.085	1178	1181	1191	rBV	883915	1066718	11.02%	1.870%
23	15.360	1201	1205	1209	rBV	185801	313984	3.24%	0.550%
24	15.828	1242	1246	1250	rBV	207342	414273	4.28%	0.726%
25	16.400	1291	1296	1301	rBV	183250	433240	4.48%	0.759%
26	17.097	1351	1357	1364	rVB	121609	344349	3.56%	0.604%
27	17.943	1425	1431	1441	rVB2	63457	233700	2.42%	0.410%
28	18.983	1516	1522	1531	rBV3	37038	160131	1.65%	0.281%

Sum of corrected areas: 57055440

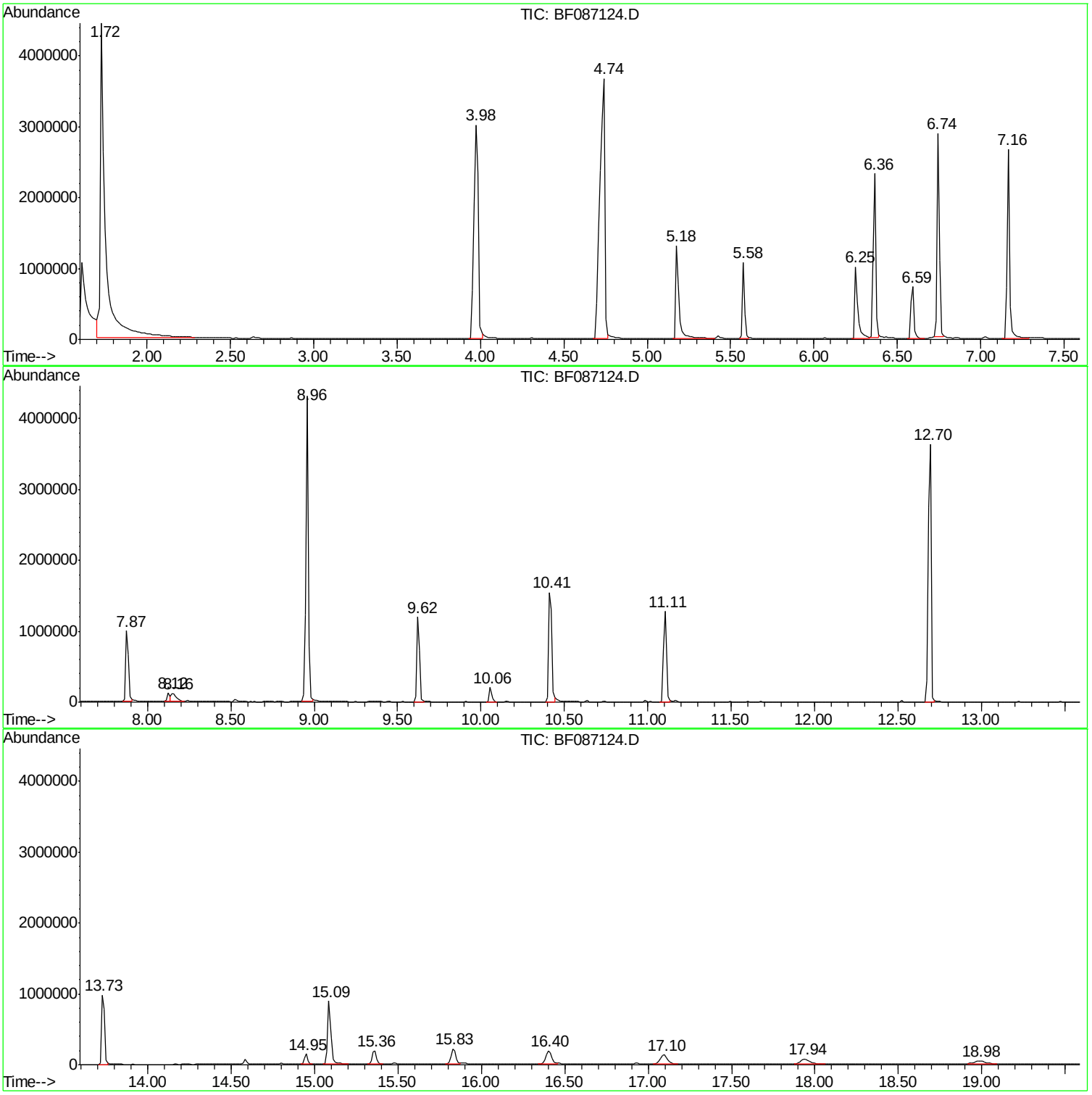
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087124.D
Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087124.D
Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 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

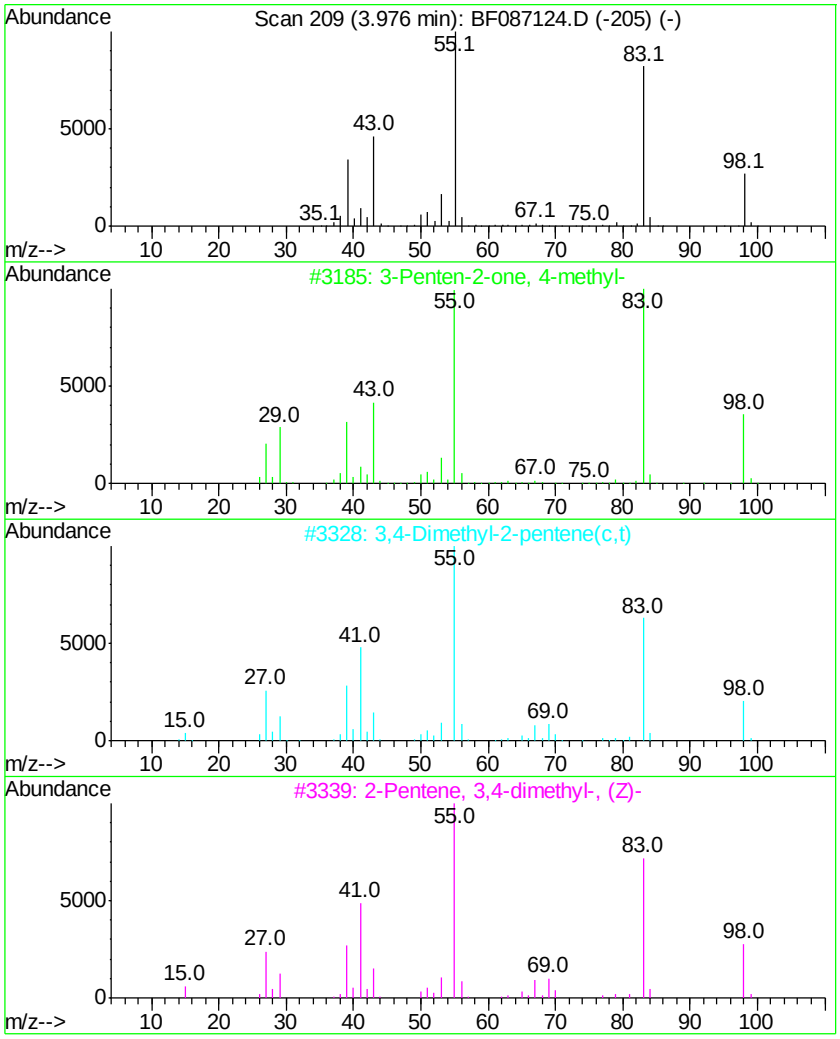
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

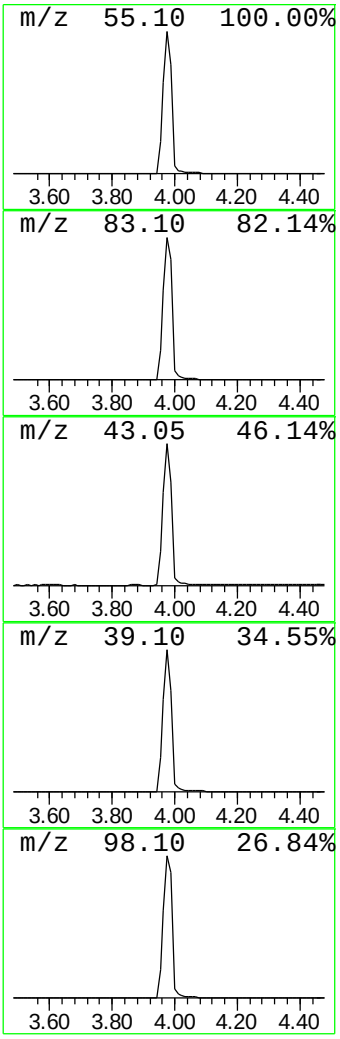
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	117.23 ng	5629300	1,4-Dichlorobenzene-d4	6.59

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-, (Z)-	98	C7H14	004914-91-4	86
4	3-Hexen-2-one	98	C6H10O	000763-93-9	80
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





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Data File : BF087124.D
Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 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

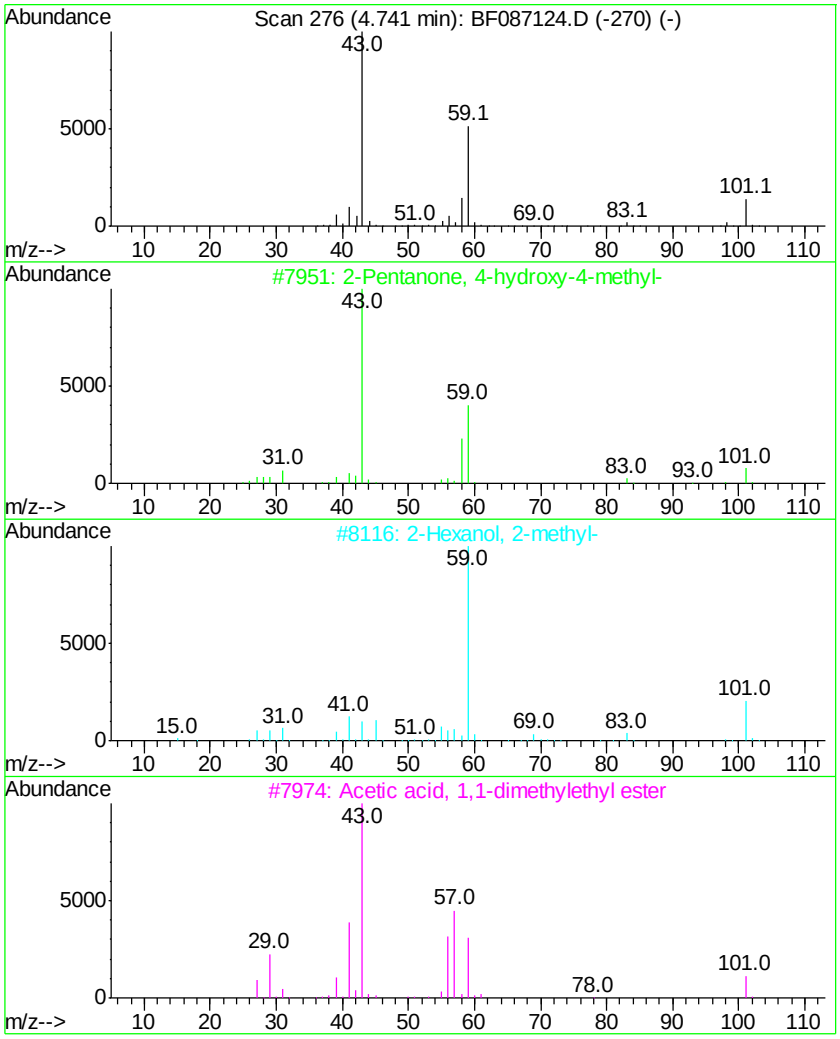
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

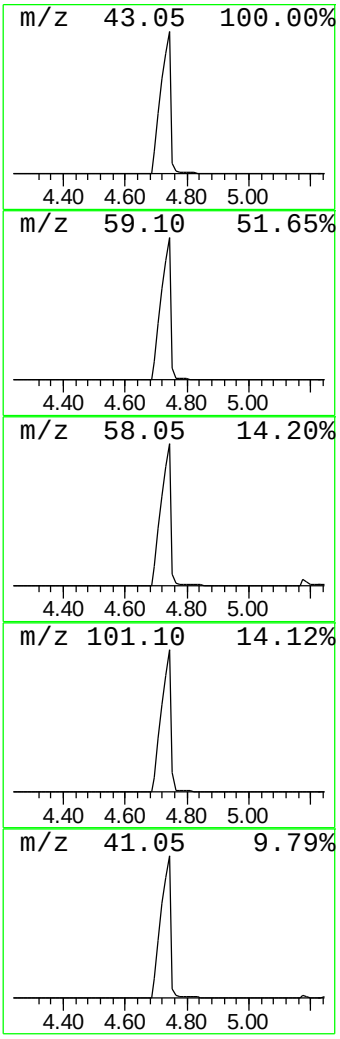
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	163.73 ng	7862370	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087124.D
Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 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

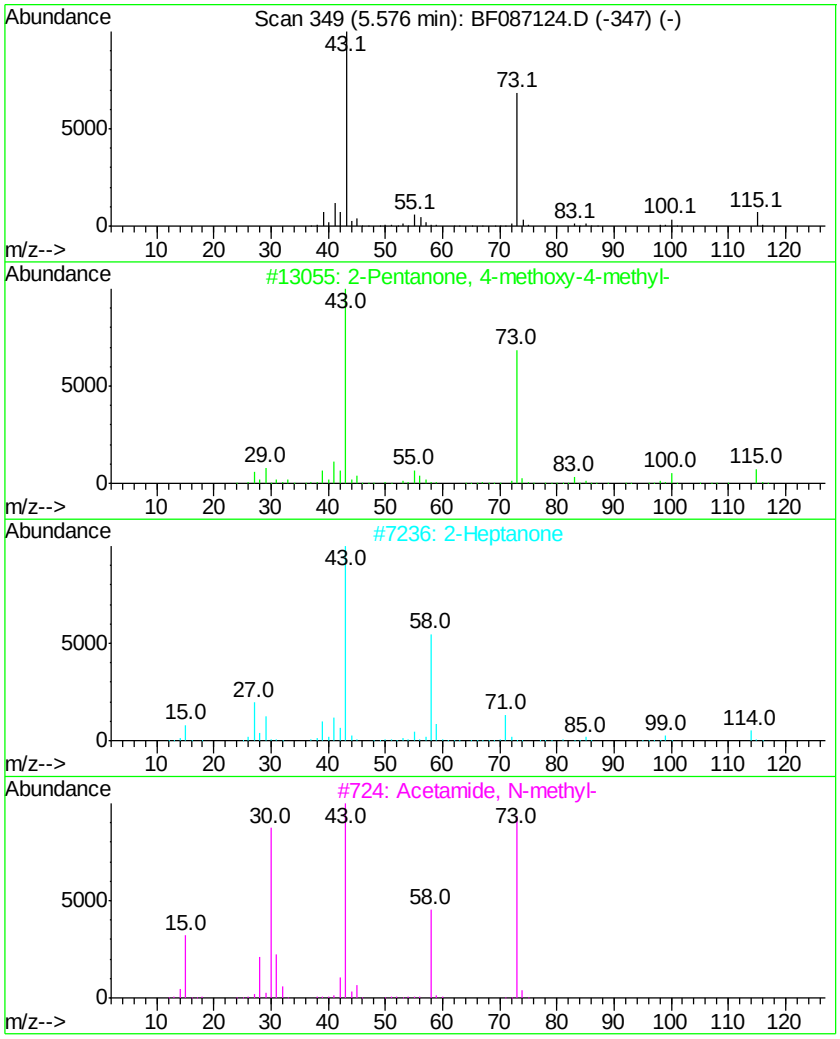
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

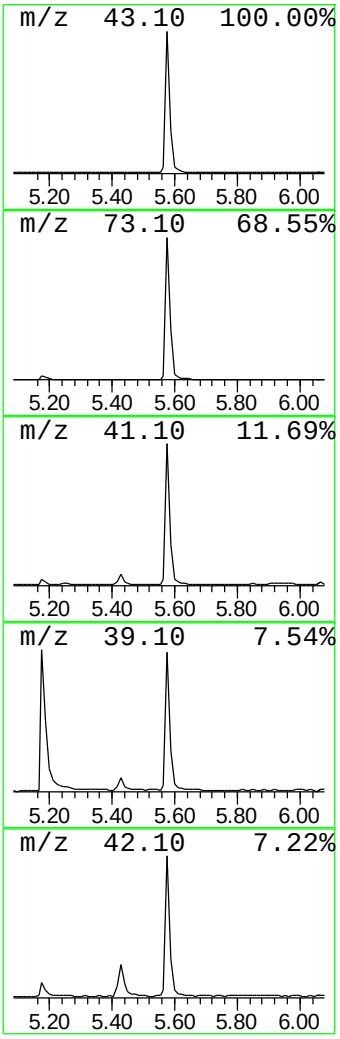
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	21.41 ng	1028100	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	64
2	2-Heptanone	114	C7H14O	000110-43-0	25
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
4	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	23
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087124.D
Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 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

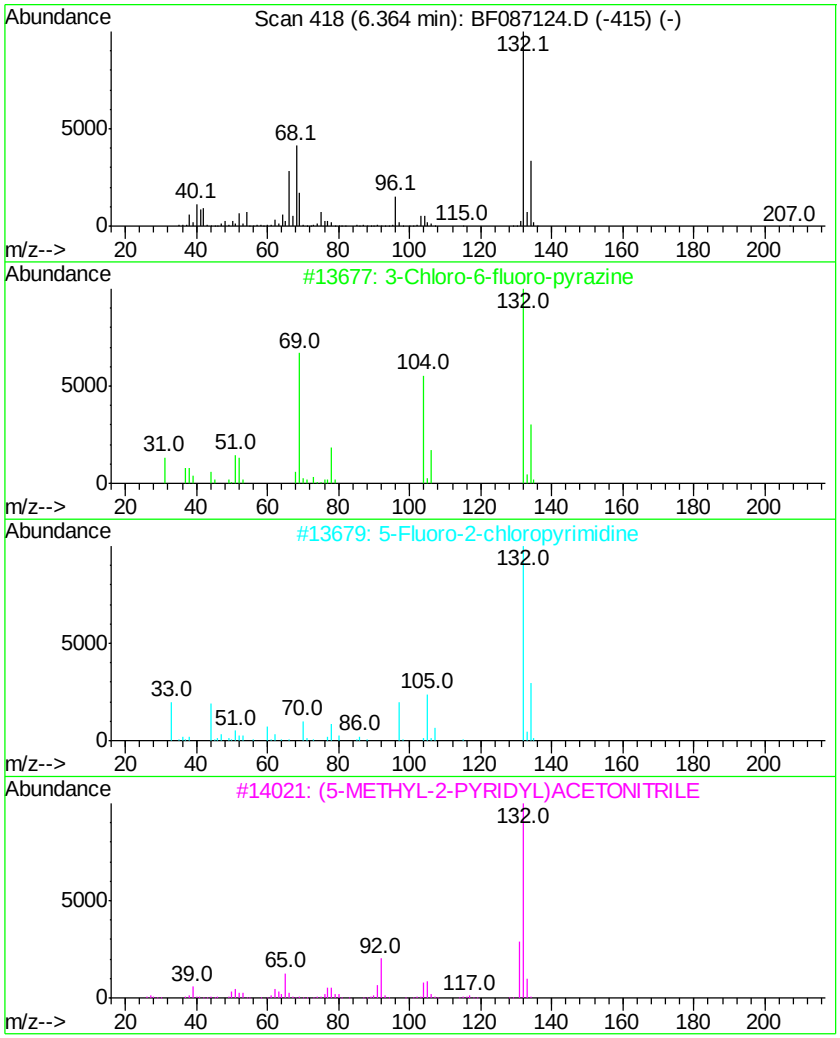
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

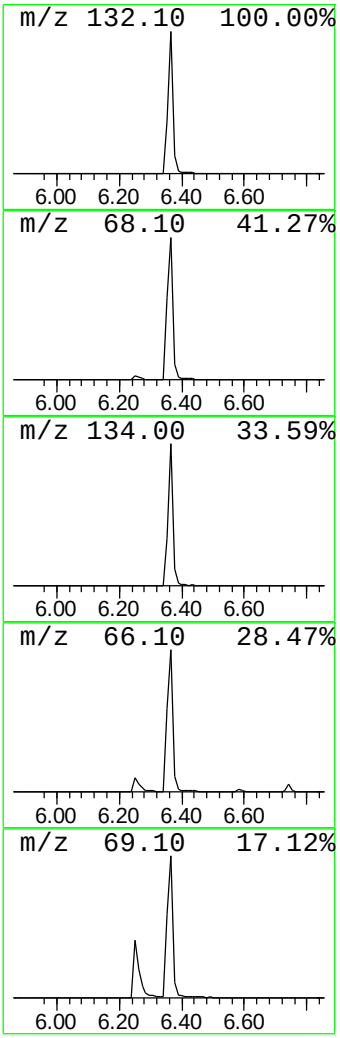
****

Peak Number 5 unknown6.36 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	53.90 ng	2588390	1,4-Dichlorobenzene-d4	6.59

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
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Sample : H3100-03
Misc :
ALS Vial : 26 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

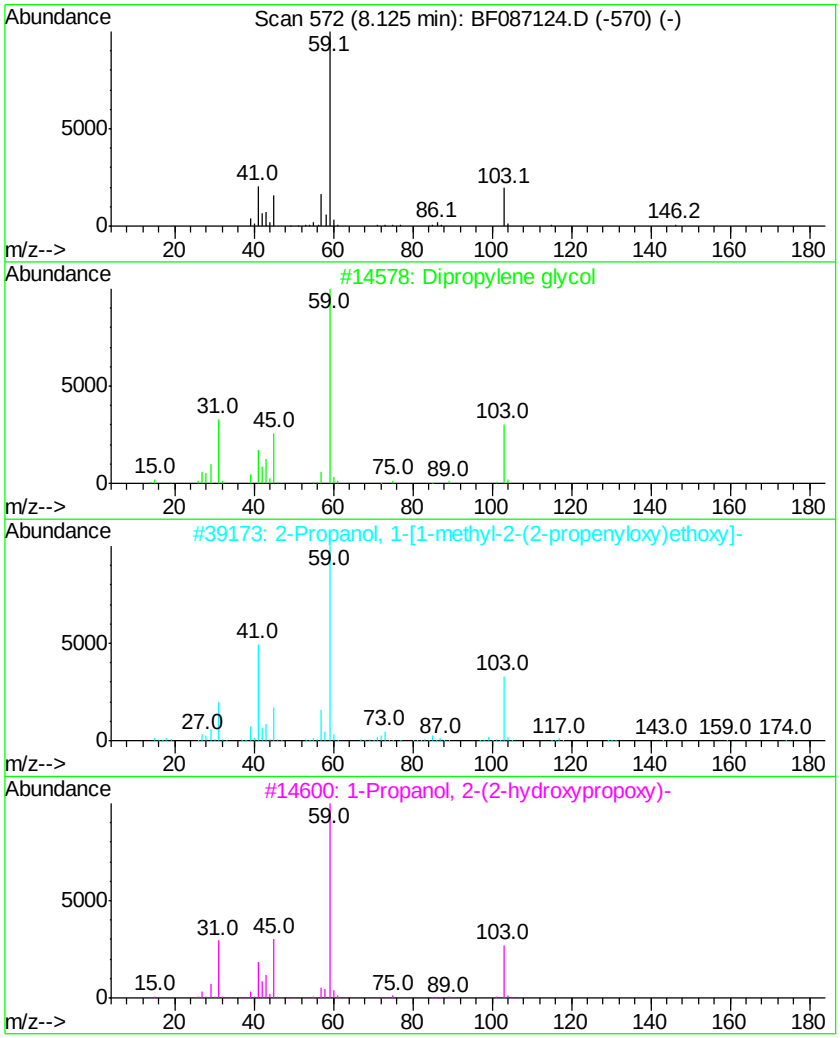
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

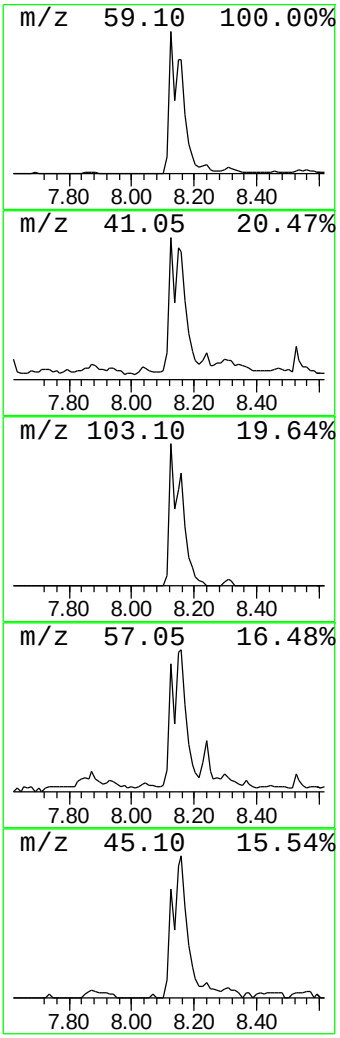
****

Peak Number 7 Dipropylene glycol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.32 ng	141588	Naphthalene-d8	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol	134	C6H14O3	025265-71-8	78
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	56





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
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Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 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

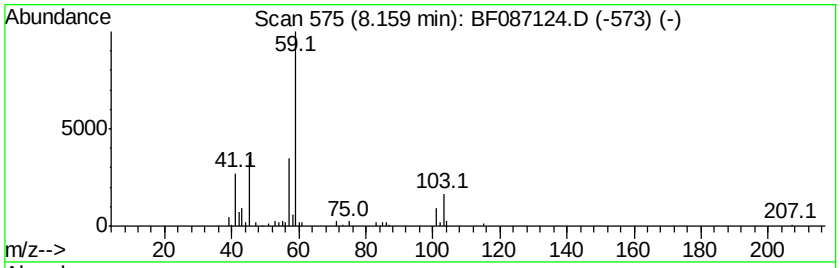
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

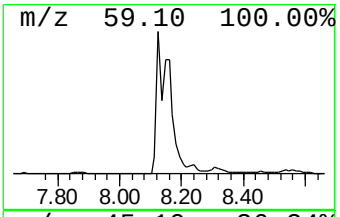
****

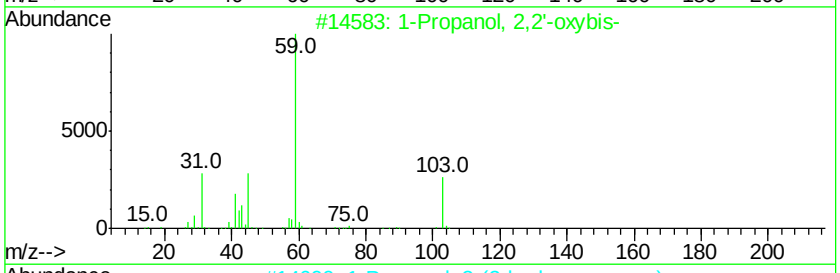
Peak Number 8 1-Propanol, 2,2'-oxybis- Concentration Rank 12

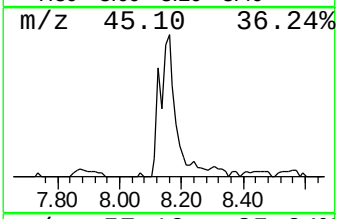
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	3.84 ng	233929	Naphthalene-d8	7.87

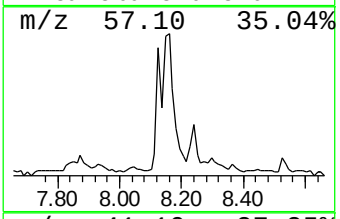
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
3	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	40
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39
5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	39

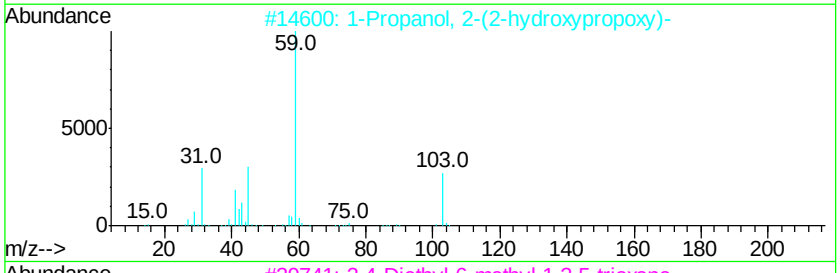


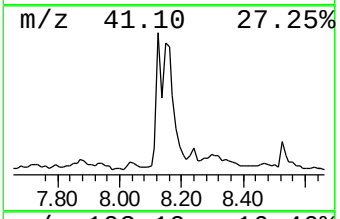


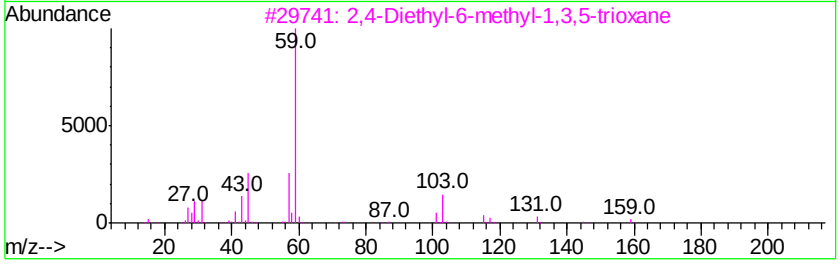


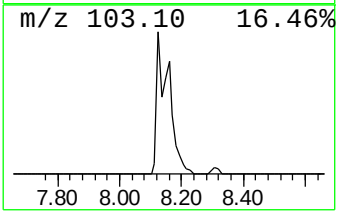












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Instrument : BNA_F
ClientSampleId : SVOC-TTO

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

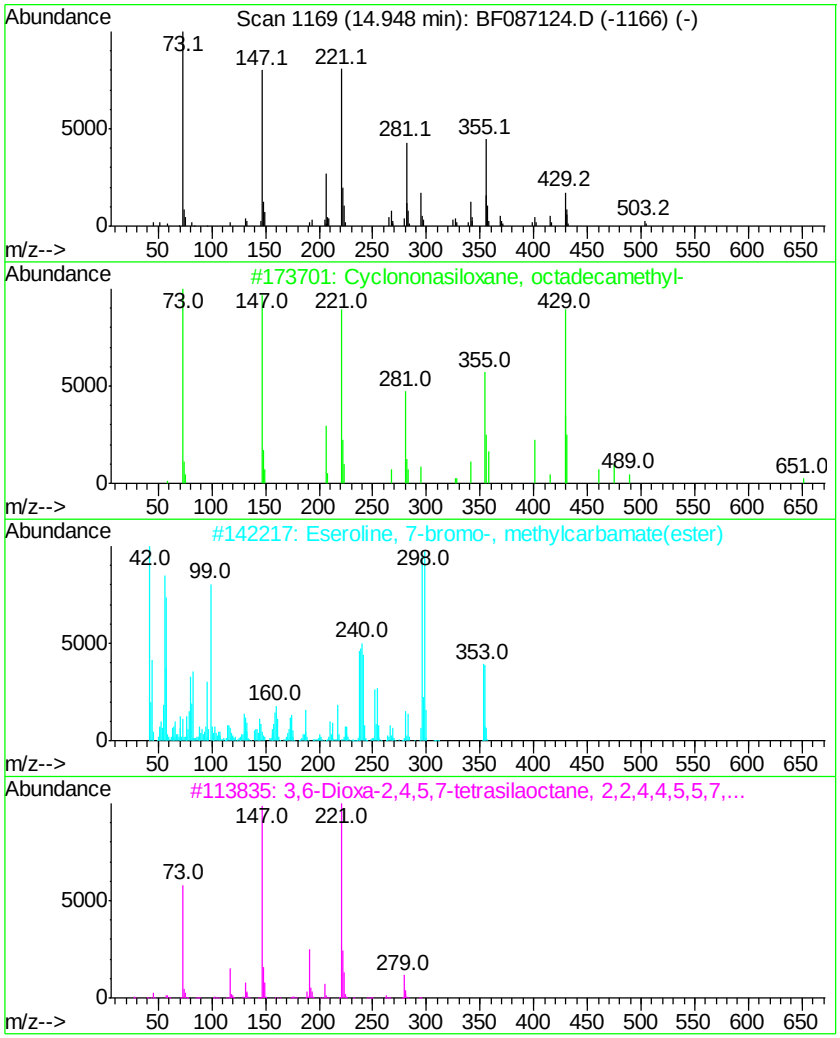
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

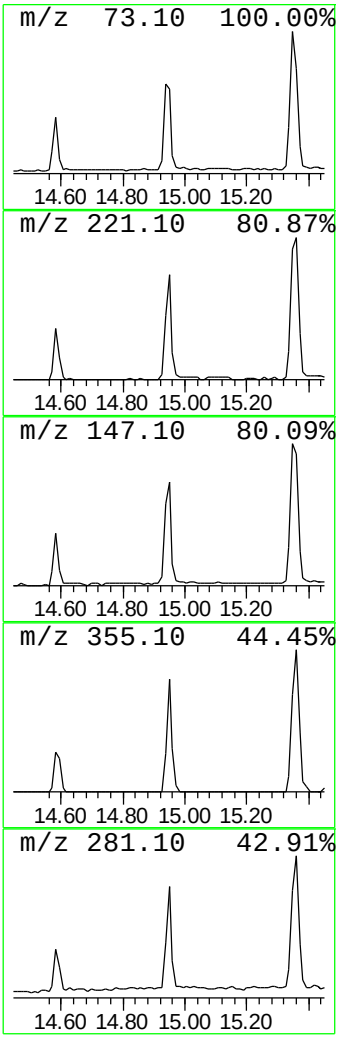
****

Peak Number 9 Cyclononasiloxane, octadeca... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.48 ng	185545	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	86
2	Eseroline, 7-bromo-, methylcarba...	353	C15H20BrN3O2	114546-23-5	59
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	50
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	35





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Data File : BF087124.D
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Operator : UM/SJ
Sample : H3100-03
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ALS Vial : 26 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

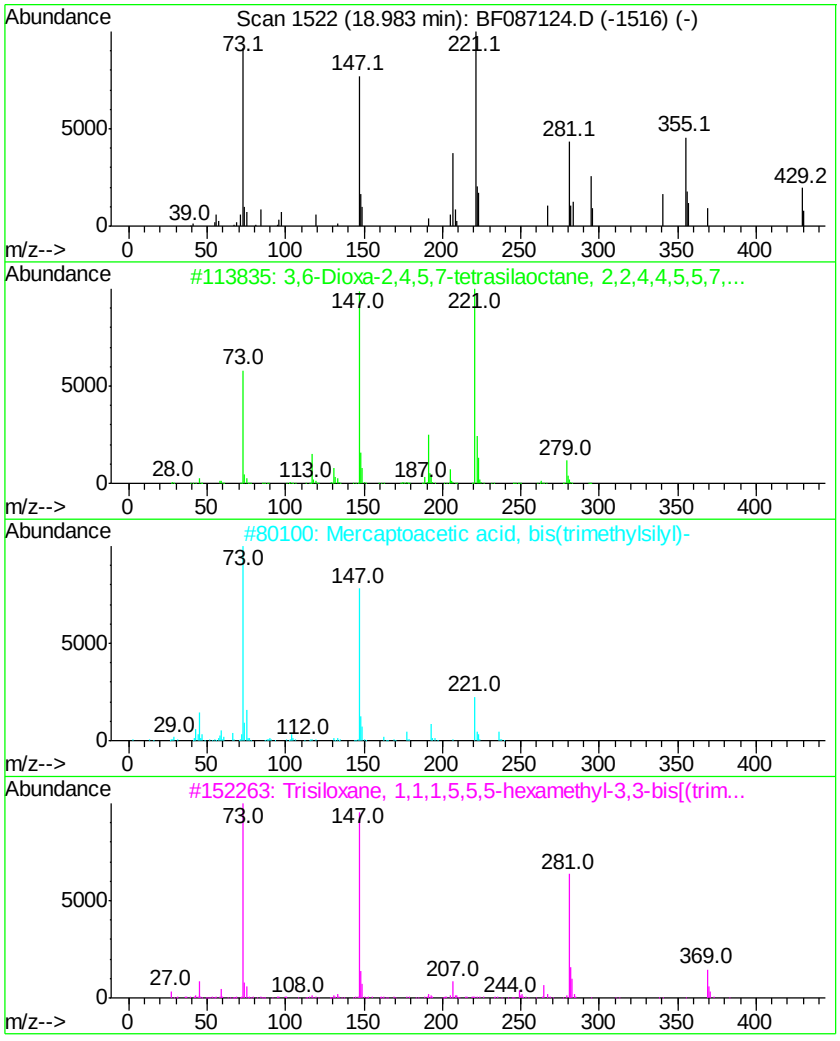
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

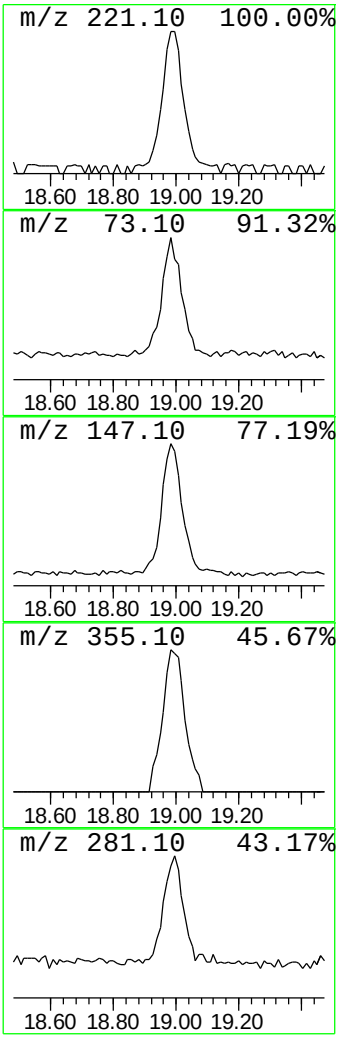
****

Peak Number 15 unknown18.98 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	3.00 ng	160131	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	27
5	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087124.D
Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	3.98	117.2	ng	5629300	1	6.59	960395	20.0
2-Pentanone, 4-hy...	4.74	163.7	ng	7862370	1	6.59	960395	20.0
2-Pentanone, 4-me...	5.58	21.4	ng	1028100	1	6.59	960395	20.0
unknown6.36	6.36	53.9	ng	2588390	1	6.59	960395	20.0
Dipropylene glycol	8.12	2.3	ng	141588	2	7.87	1218240	20.0
1-Propanol, 2,2'-...	8.16	3.8	ng	233929	2	7.87	1218240	20.0
Cyclononasiloxane...	14.95	3.5	ng	185545	6	15.09	1066720	20.0
unknown18.98	18.98	3.0	ng	160131	6	15.09	1066720	20.0