LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK80

Integration Parameters: events.e
Integrator: ChemStation
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN041918-PAH.M
Title : ??? S

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	35	39	46	rVB	49267	59125	1.87%	0.165%
2	6.799	642	648	659	rBV	703504	1071755	33.96%	2.994%
3	6.969	670	677	689	rBV	628226	921535	29.20%	2.574%
4	7.158	703	709	716	rBV	713034	1085456	34.40%	3.032%
5	7.622	781	788	796	rVB	530250	804485	25.49%	2.247%
6	8.322	900	907	918	rBV	916435	1371083	43.45%	3.830%
7	8.763	975	982	992	rBV	677420	1041257	33.00%	2.909%
8	9.481	1097	1104	1111	rBV	526629	847134	26.84%	2.367%
9	10.010	1187	1194	1205	rBV	854301	1341831	42.52%	3.749%
10	10.387	1251	1258	1267	rVB	753279	1202901	38.12%	3.360%
11	10.522	1274	1281	1292	rBV	886505	1448874	45.91%	4.048%
12	13.669	1810	1816	1826	rBV	1505900	2025589	64.19%	5.659%
13	13.945	1856	1863	1873	rBV	1694139	2486599	78.79%	6.947%
14	14.251	1909	1915	1923	rVB2	991260	1470668	46.60%	4.108%
15	14.451	1943	1949	1971	rBV	623901	864594	27.40%	2.415%
16	15.251	2078	2085	2093	rBV	2078664	2927631	92.77%	8.179%
17	15.369	2099	2105	2114	rBV	613680	832316	26.37%	2.325%
18	16.998	2376	2382	2389	rBV2	1173601	1563165	49.53%	4.367%
19	17.098	2392	2399	2412	rVV	2251945	3041415	96.38%	8.497%
20	19.398	2784	2790	2801	rBV2	2322816	3155800	100.00%	8.816%
21	21.204	3091	3097	3104	rBV	1121281	1432246	45.38%	4.001%
22	22.763	3359	3362	3368	rVB	46401	61619	1.95%	0.172%
23	23.257	3438	3446	3452	rBV	1627328	2929879	92.84%	8.185%
24	23.316	3453	3456	3461	rVV	70527	113262	3.59%	0.316%
25	23.386	3462	3468	3480	rVB2	798117	1450824	45.97%	4.053%
26	23.945	3559	3563	3570	rVB	66855	113352	3.59%	0.317%
27	24.668	3681	3686	3694	rVB	63807	131582	4.17%	0.368%

Sum of corrected areas: 35795977

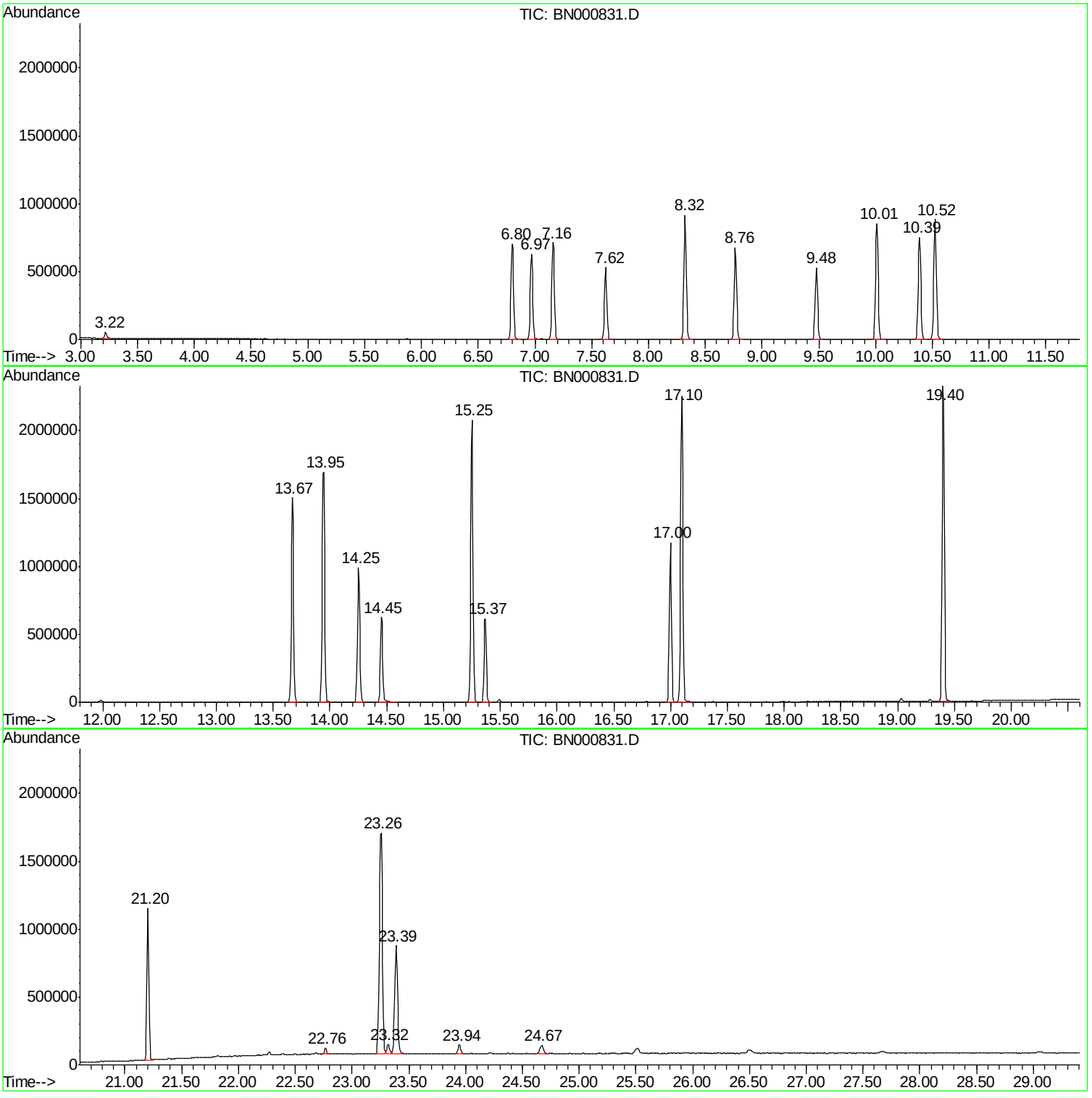
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

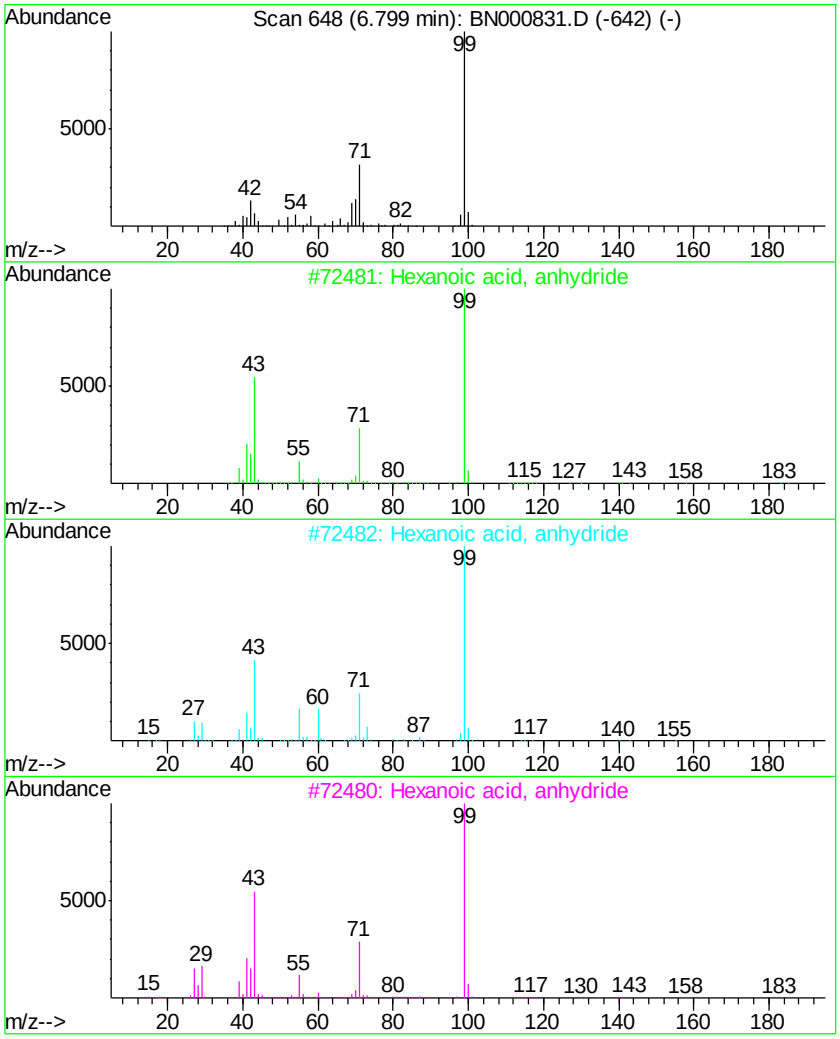
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

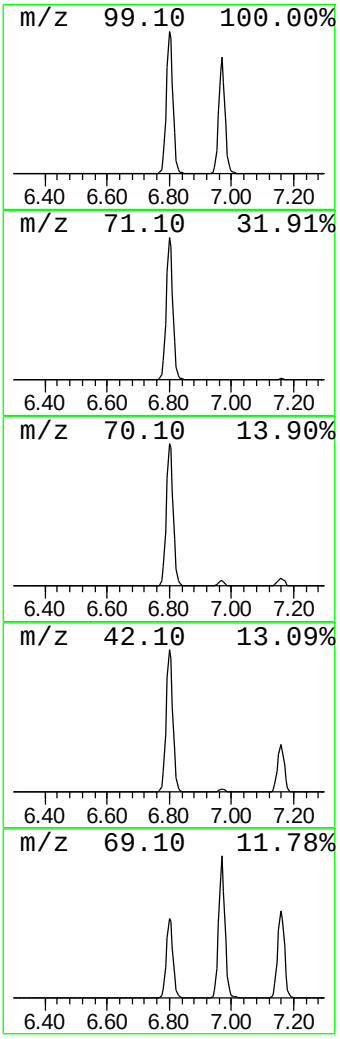
****

Peak Number 1 Hexanoic acid, anhydride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	26.64 ng/ul	1071760	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
4	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	45
5	Phenol-d6-	100	C6D6O	013127-88-3	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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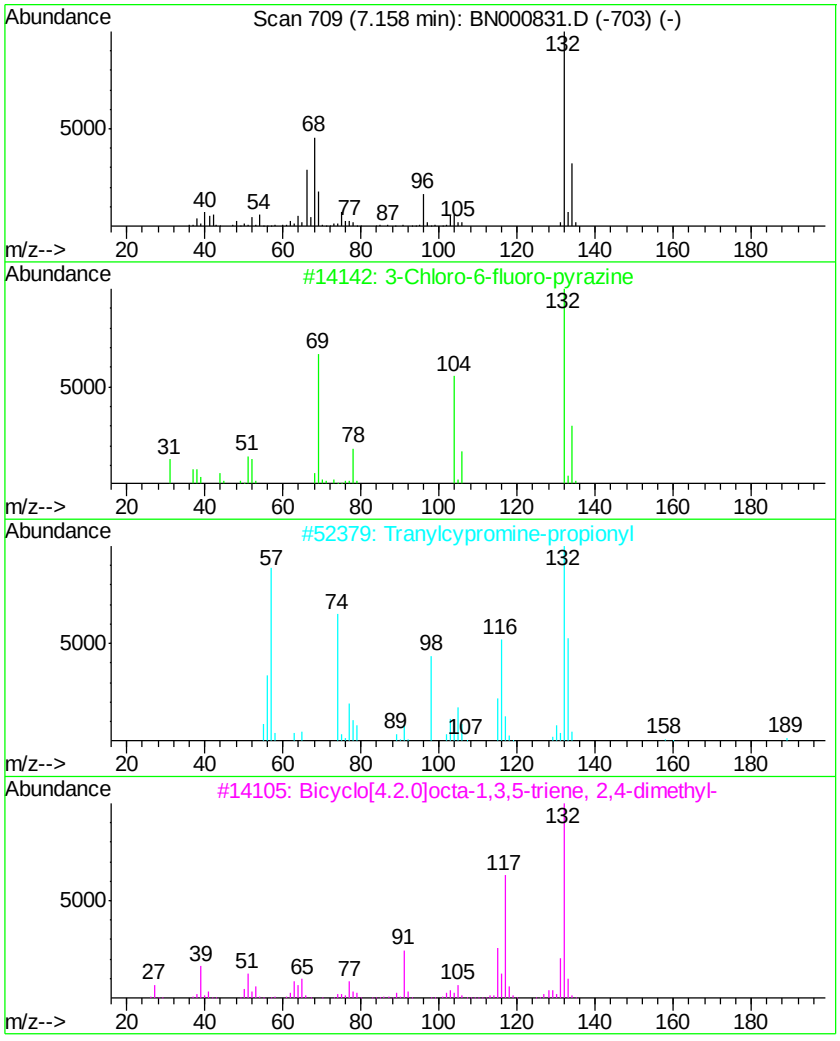
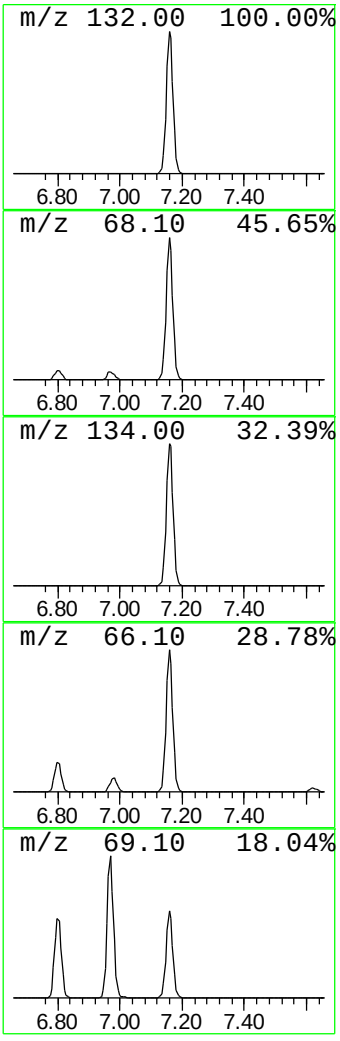
Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	26.99 ng/ul	1085460	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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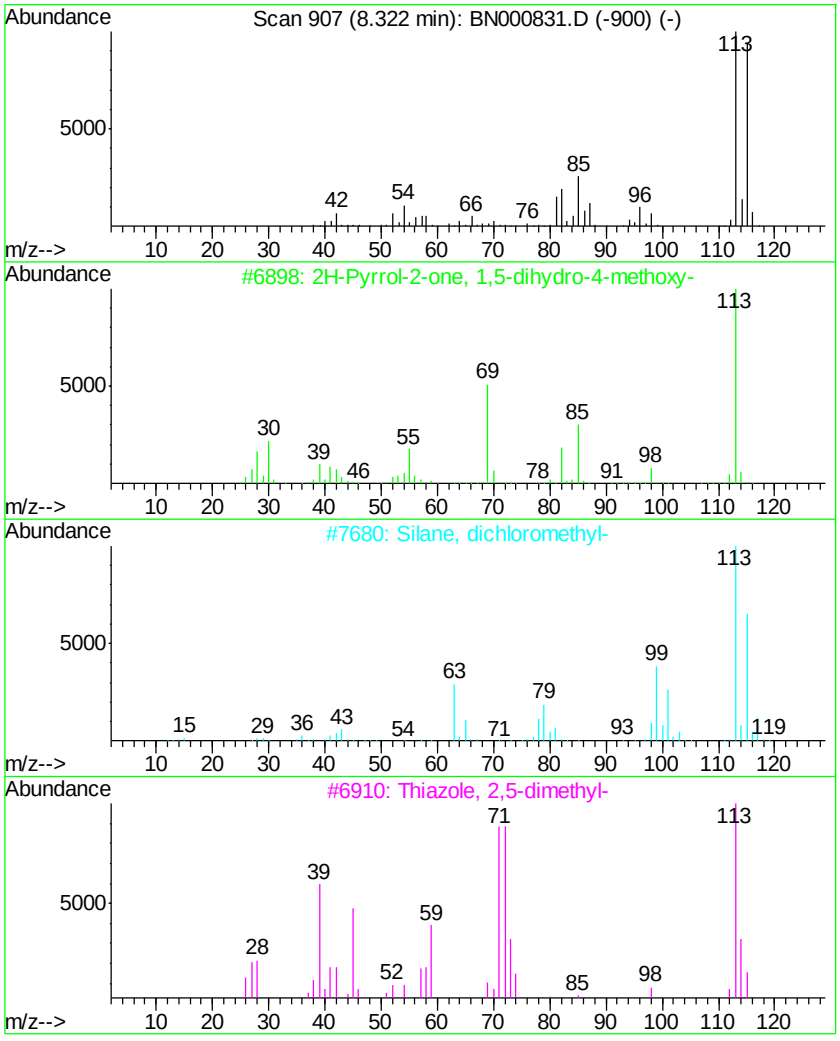
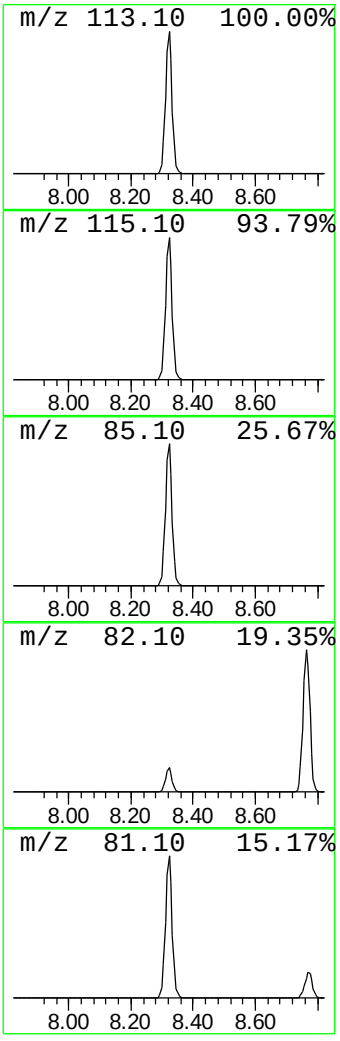
Peak Number 4 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	34.09 ng/ul	1371080	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	37
2	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	36
3	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	25
4	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	17
5	2-Pyrrolidinethione, 1-methyl-	115	C5H9NS	010441-57-3	17





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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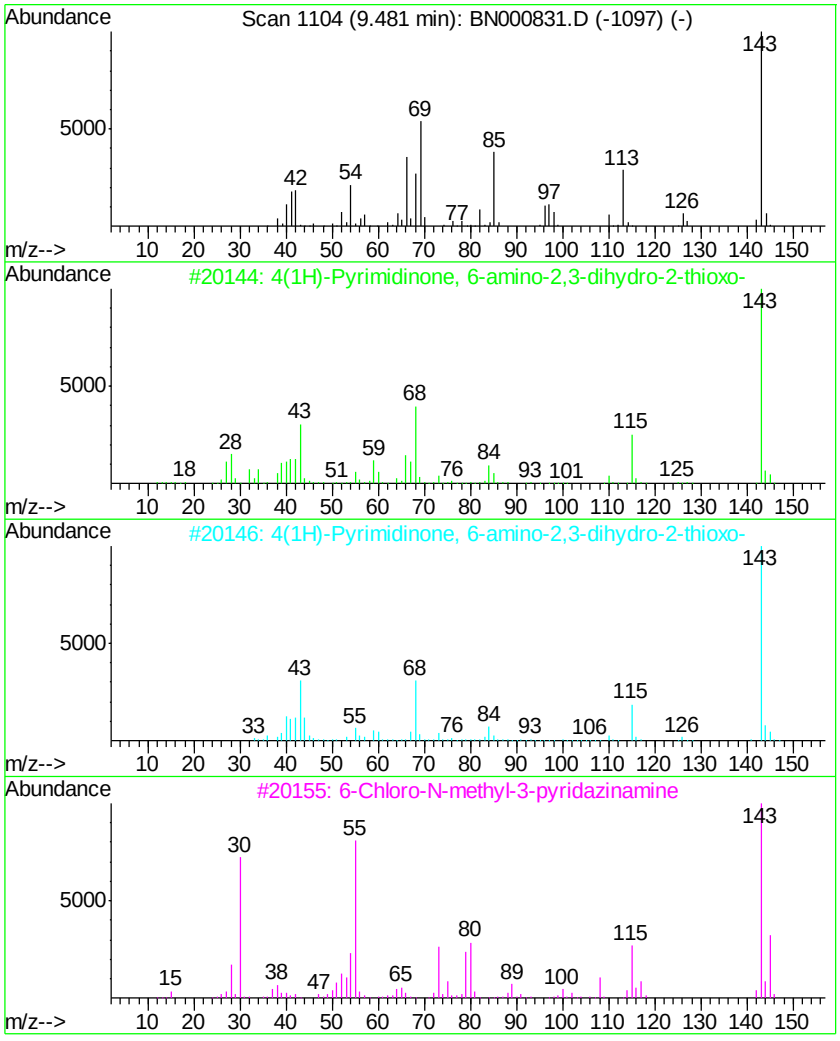
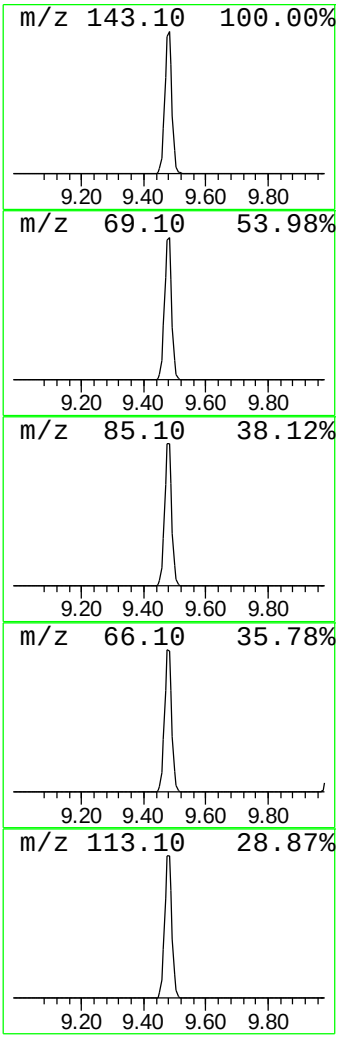
Peak Number 6 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	14.08 ng/ul	847134	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
3	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	10
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	10





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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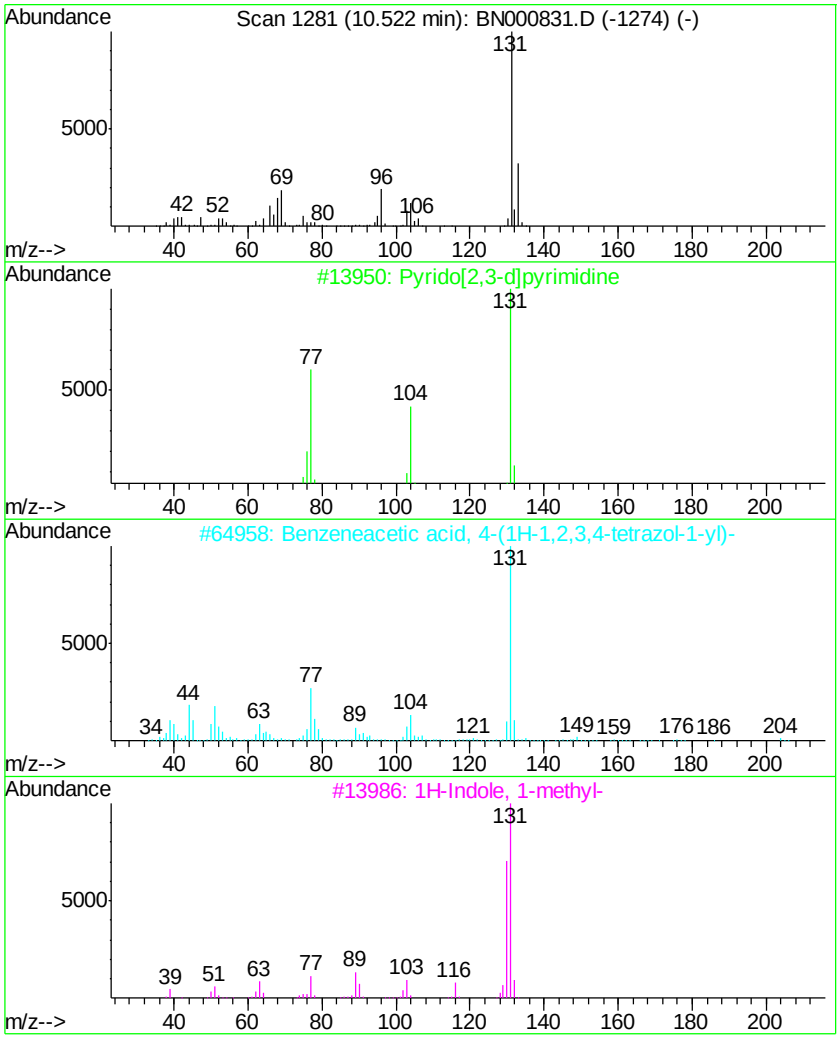
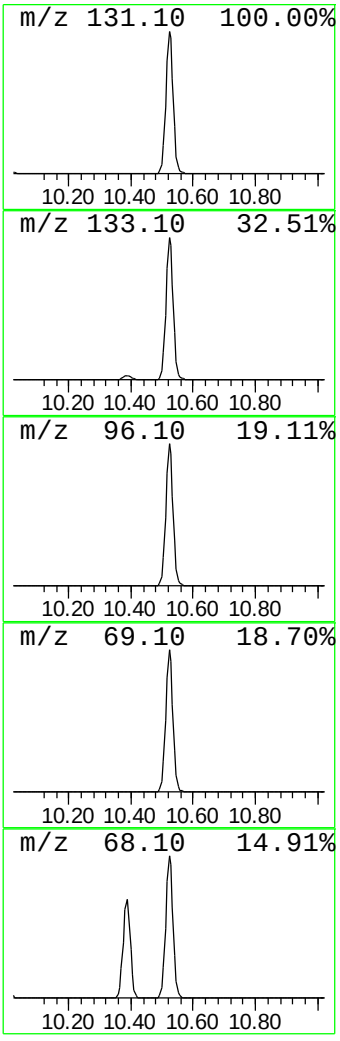
Peak Number 7 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	24.09 ng/ul	1448870	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	28
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	25
4	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
5	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
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Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

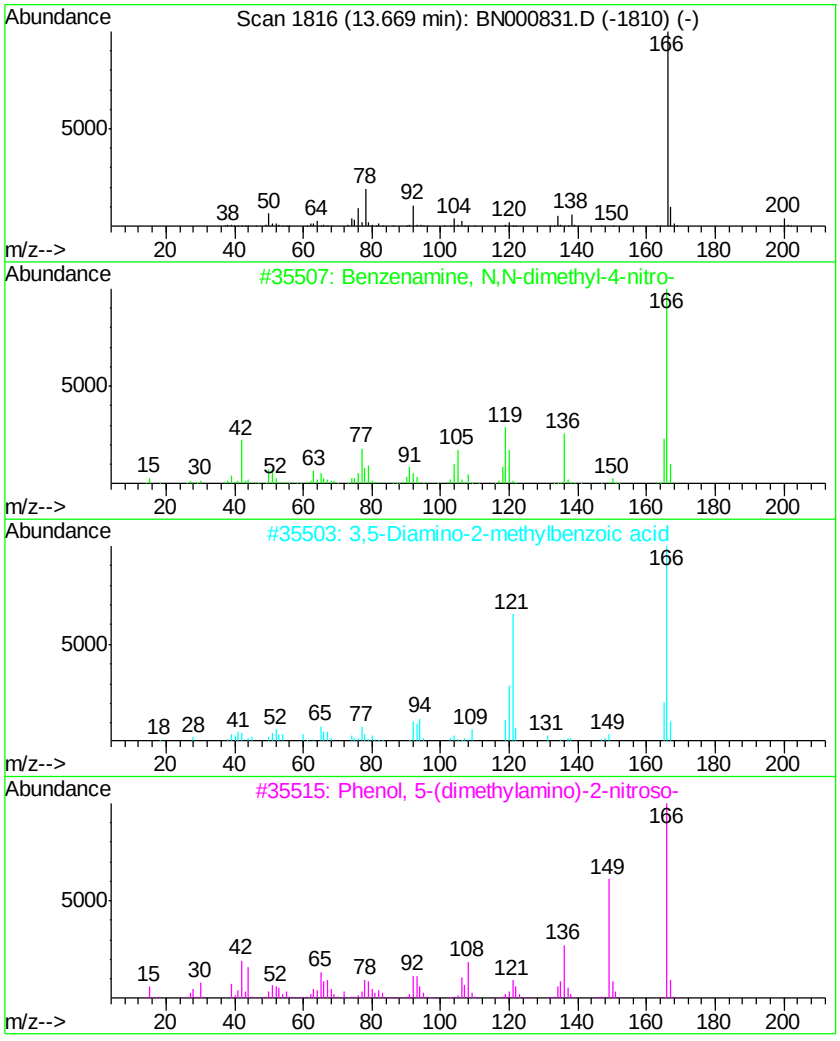
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

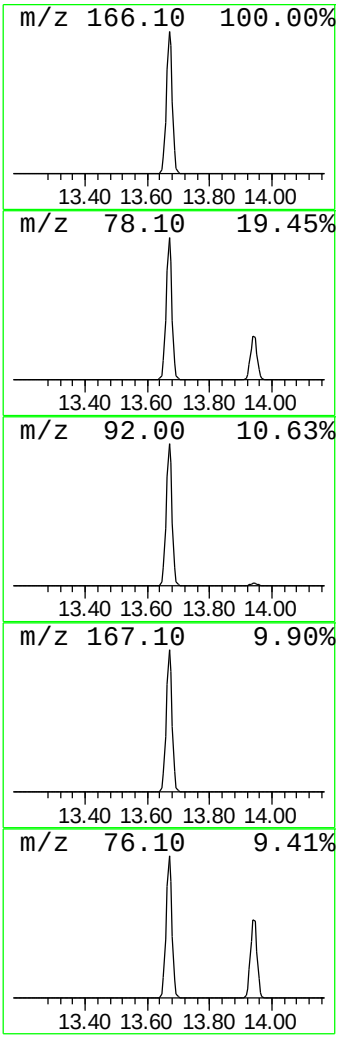
****

Peak Number 8 unknown-05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	27.55 ng/ul	2025590	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	36
2	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	33
3	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	33
4	6H-Purine-6-thione, 1,7-dihydro-...	166	C6H6N4S	001126-23-4	9
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9





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Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

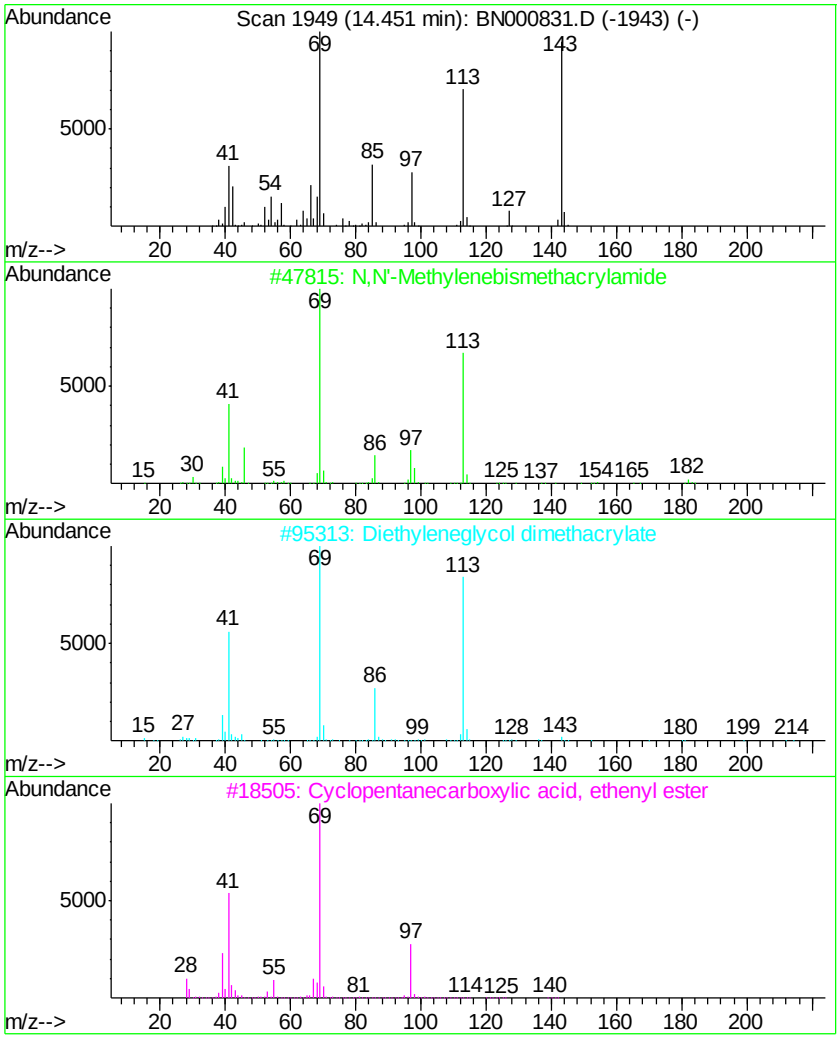
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

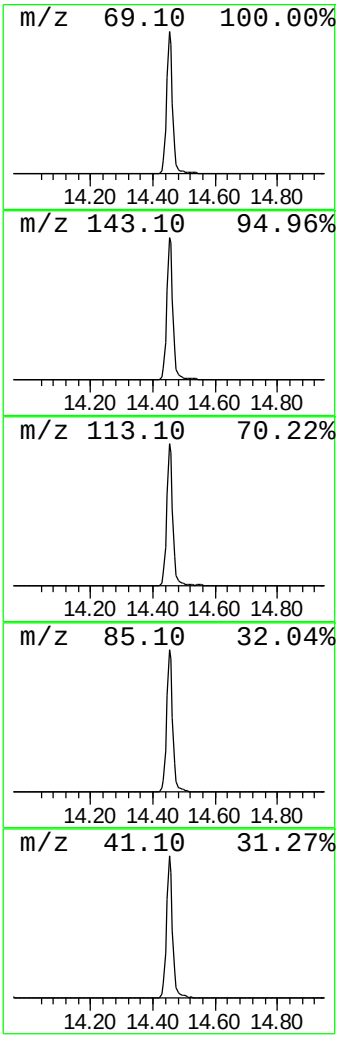
****

Peak Number 9 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	11.76 ng/ul	864594	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	22
2	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	22
3	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	14
4	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	10
5	Phenol, 3-amino-2-chloro-	143	C6H6ClNO	056962-01-7	10





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000831.D
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Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK80

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

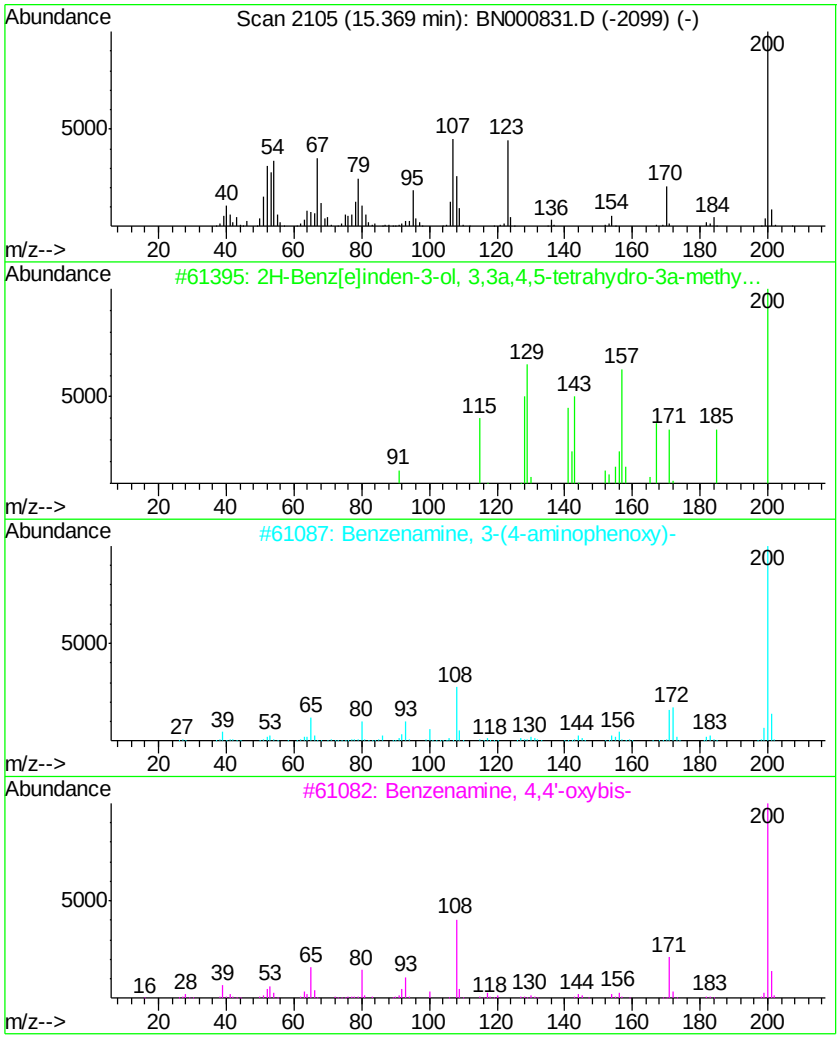
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

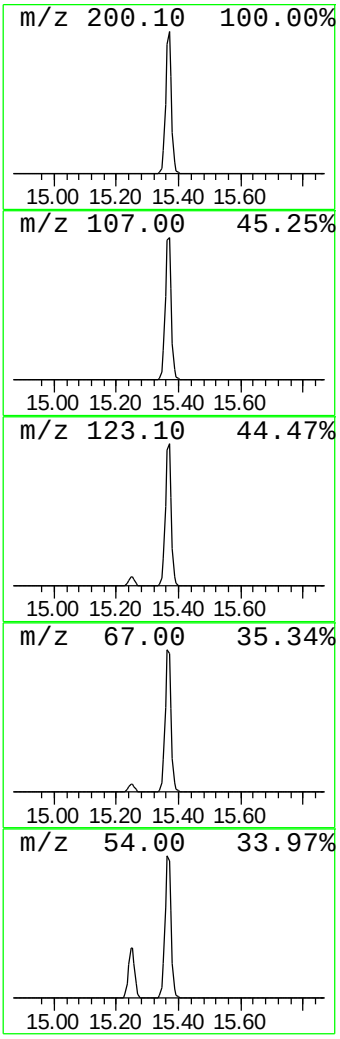
****

Peak Number 10 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	11.32 ng/ul	832316	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	25
2	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	10
3	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	10
4	l-Isoleucine, N-neopentyloxycarb...	483	C29H57NO4	1000328-13-3	10
5	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042318\
Data File : BN000831.D
Acq On : 23 Apr 2018 17:32
Operator : JU/SJ
Sample : PB108480BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA 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
Hexanoic acid, an...	6.80	26.6	ng/ul	1071760	1	7.62	804485	20.0
unknown-01	7.16	27.0	ng/ul	1085460	1	7.62	804485	20.0
unknown-02	8.32	34.1	ng/ul	1371080	1	7.62	804485	20.0
unknown-03	9.48	14.1	ng/ul	847134	2	10.39	1202900	20.0
unknown-04	10.52	24.1	ng/ul	1448870	2	10.39	1202900	20.0
unknown-05	13.67	27.6	ng/ul	2025590	3	14.25	1470670	20.0
unknown-06	14.45	11.8	ng/ul	864594	3	14.25	1470670	20.0
unknown-07	15.37	11.3	ng/ul	832316	3	14.25	1470670	20.0