LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010256.D
Acq On : 26 May 2017 14:35
Operator : SJ/MA
Sample : I3239-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PURGE-WATER-B

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_M\METHODS\8270-BM051917.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	5.057	331	335	350	rVB	435530	617809	5.07%	1.305%
2	5.522	407	414	423	rBV	1143136	1634740	13.42%	3.452%
3	6.010	493	497	503	rBV	97077	144680	1.19%	0.305%
4	7.128	680	687	703	rBV	603970	1067292	8.76%	2.254%
5	7.481	738	747	758	rBV	1944347	3099965	25.44%	6.546%
6	7.939	817	825	836	rBV	457754	723554	5.94%	1.528%
7	8.263	872	880	892	rVB	1787662	3024556	24.83%	6.386%
8	9.128	1019	1027	1035	rBV	1395546	2281449	18.73%	4.817%
9	10.745	1295	1302	1309	rBV	534410	889519	7.30%	1.878%
10	11.422	1410	1417	1425	rBV	81481	152019	1.25%	0.321%
11	13.192	1712	1718	1728	rBV	4141206	6031576	49.51%	12.736%
12	14.574	1944	1953	1959	rBV2	853328	1308245	10.74%	2.762%
13	14.633	1959	1963	1970	rVB	217237	318143	2.61%	0.672%
14	14.968	2013	2020	2026	rBV	80273	144740	1.19%	0.306%
15	15.615	2124	2130	2136	rBV	152470	227941	1.87%	0.481%
16	16.062	2196	2206	2216	rBV	3673361	5164059	42.39%	10.904%
17	16.615	2292	2300	2306	rBV3	78875	149209	1.22%	0.315%
18	17.315	2414	2419	2424	rBV	1188656	1759851	14.44%	3.716%
19	17.357	2424	2426	2433	rVB	319329	420762	3.45%	0.888%
20	19.374	2762	2769	2775	rBV2	129346	232244	1.91%	0.490%
21	19.756	2831	2834	2848	rVB	216308	377683	3.10%	0.797%
22	19.921	2856	2862	2873	rBV	10070610	12183504	100.00%	25.725%
23	21.480	3122	3127	3132	rBV	2049465	2502003	20.54%	5.283%
24	22.250	3255	3258	3264	rVB	210750	299333	2.46%	0.632%
25	23.833	3521	3527	3537	rVB2	1295548	2604895	21.38%	5.500%

Sum of corrected areas: 47359771

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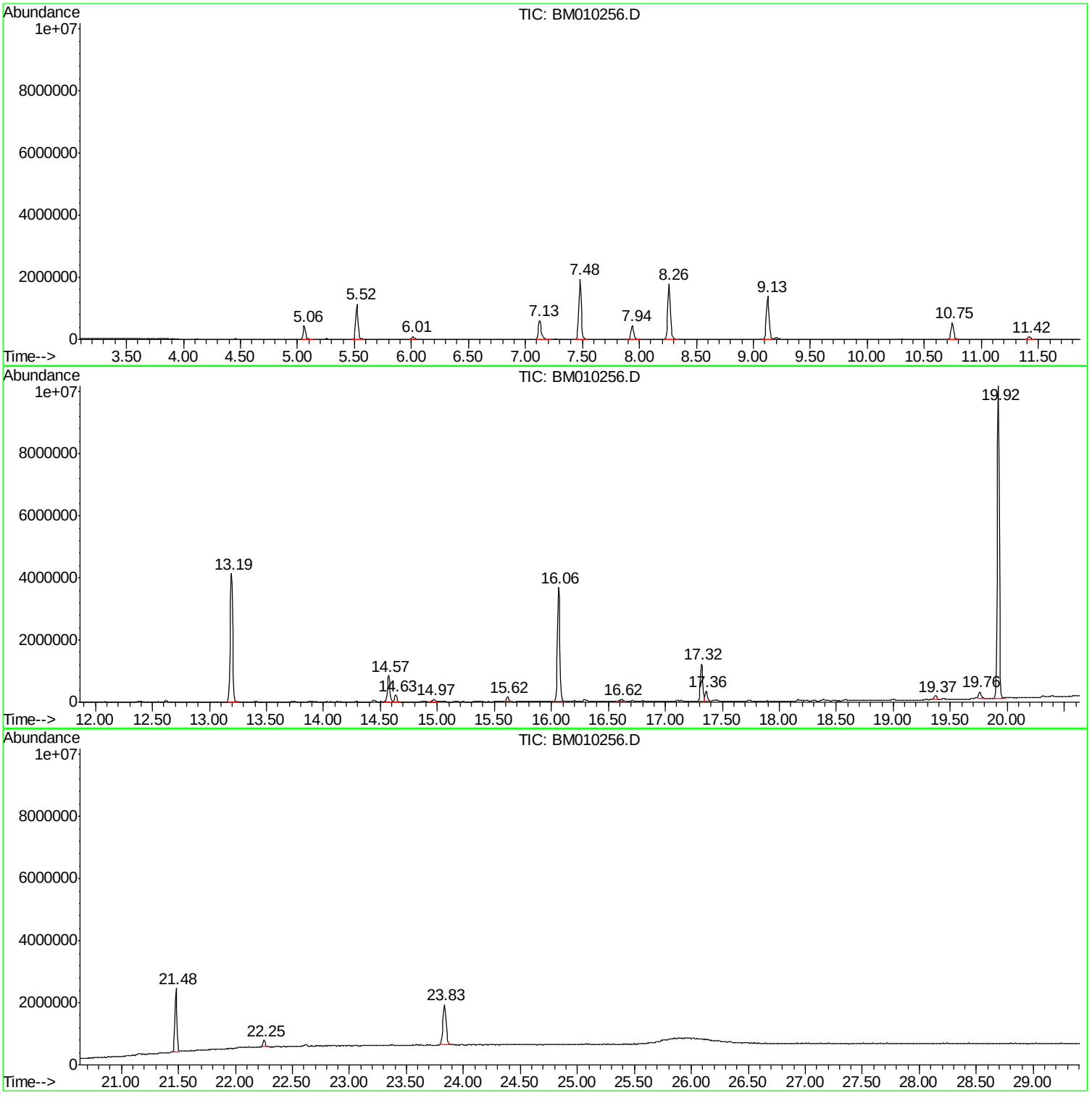
Instrument :
BNA_M
ClientSampleId :
PURGE-WATER-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.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

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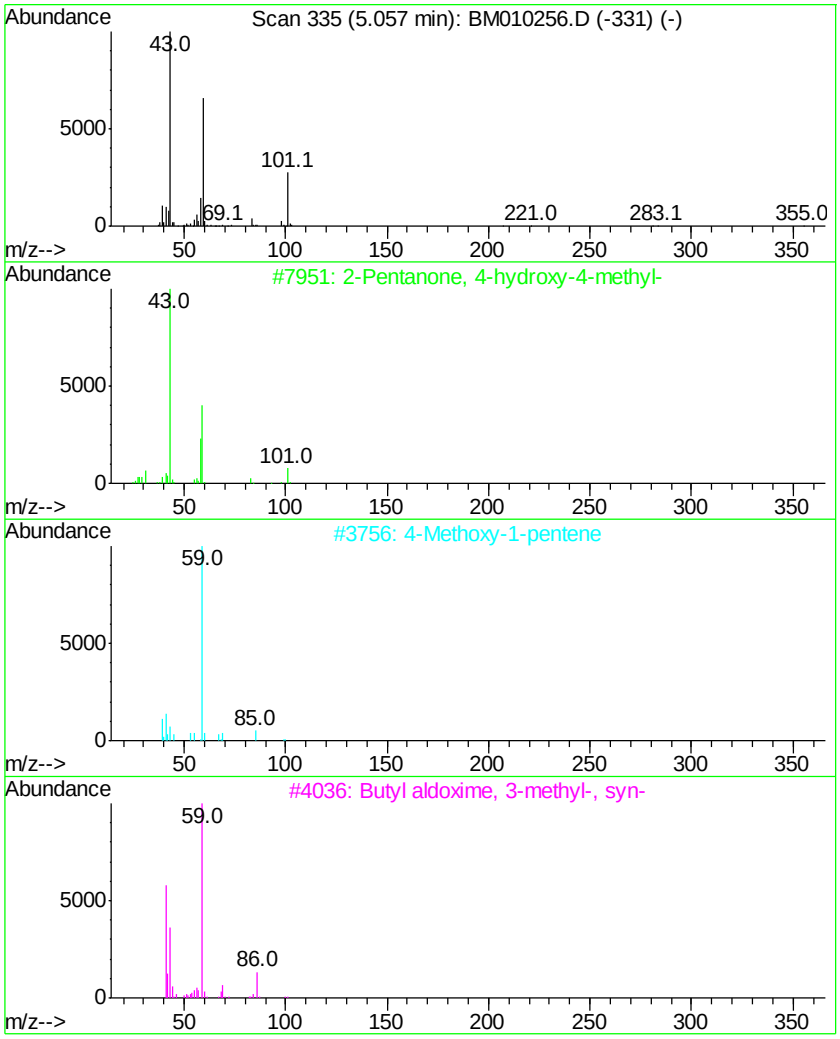
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

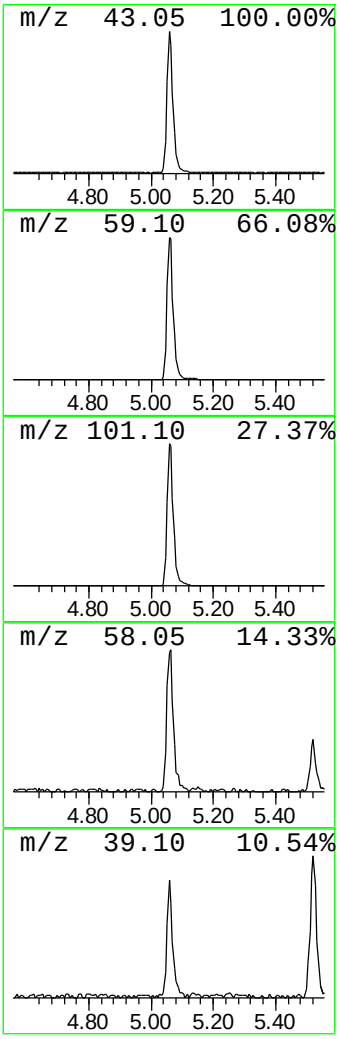
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	17.08 ng	617809	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	35
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

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Operator : SJ/MA
Sample : I3239-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PURGE-WATER-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

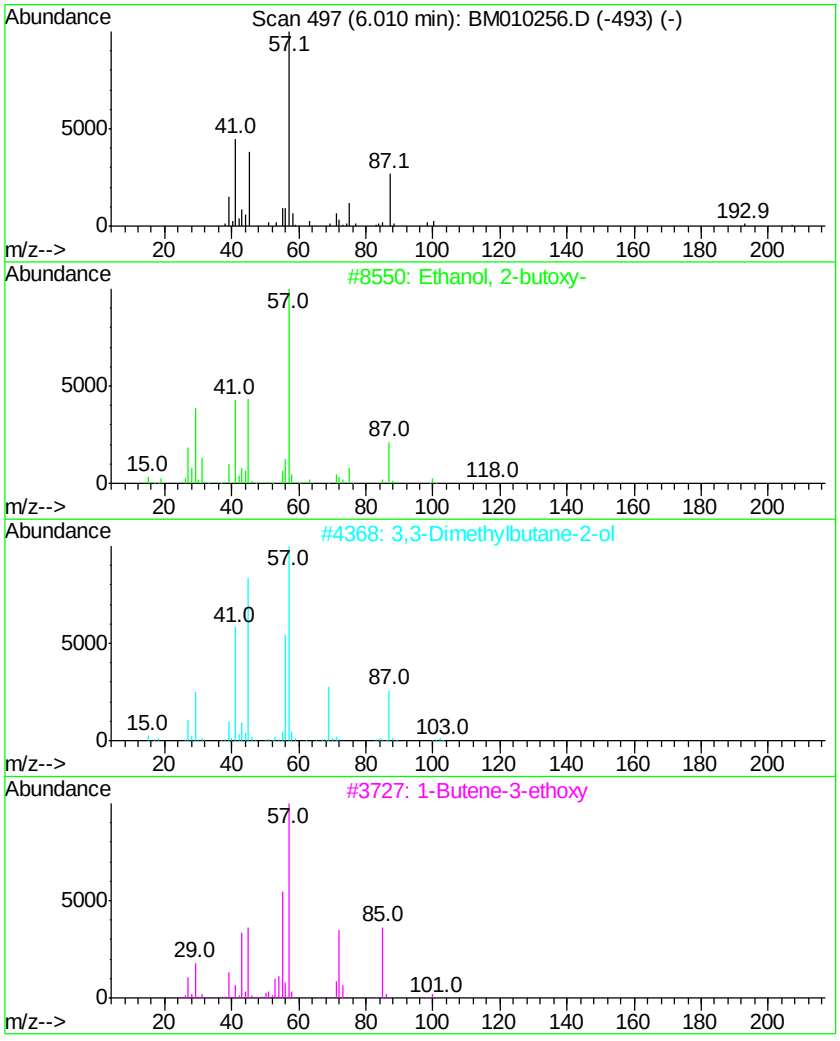
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

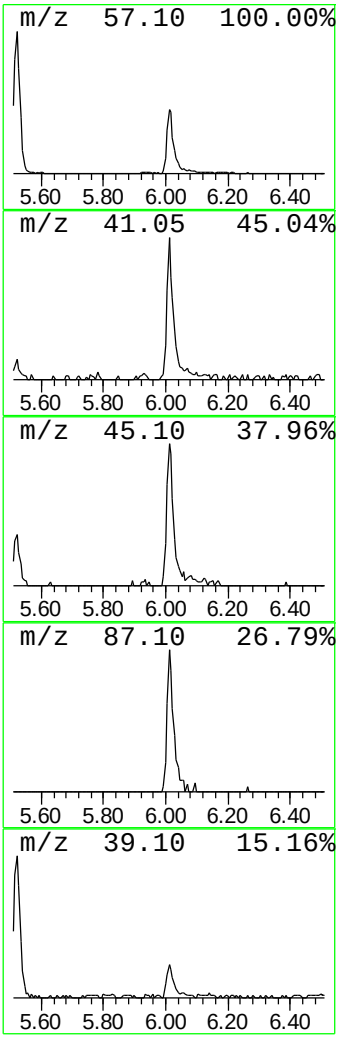
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	4.00 ng	144680	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	25
3	1-Butene-3-ethoxy	100	C6H12O	001476-08-0	25
4	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	22
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	17





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Data File : BM010256.D
Acq On : 26 May 2017 14:35
Operator : SJ/MA
Sample : I3239-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PURGE-WATER-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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TIC Library : C:\DATABASE\NIST02.L
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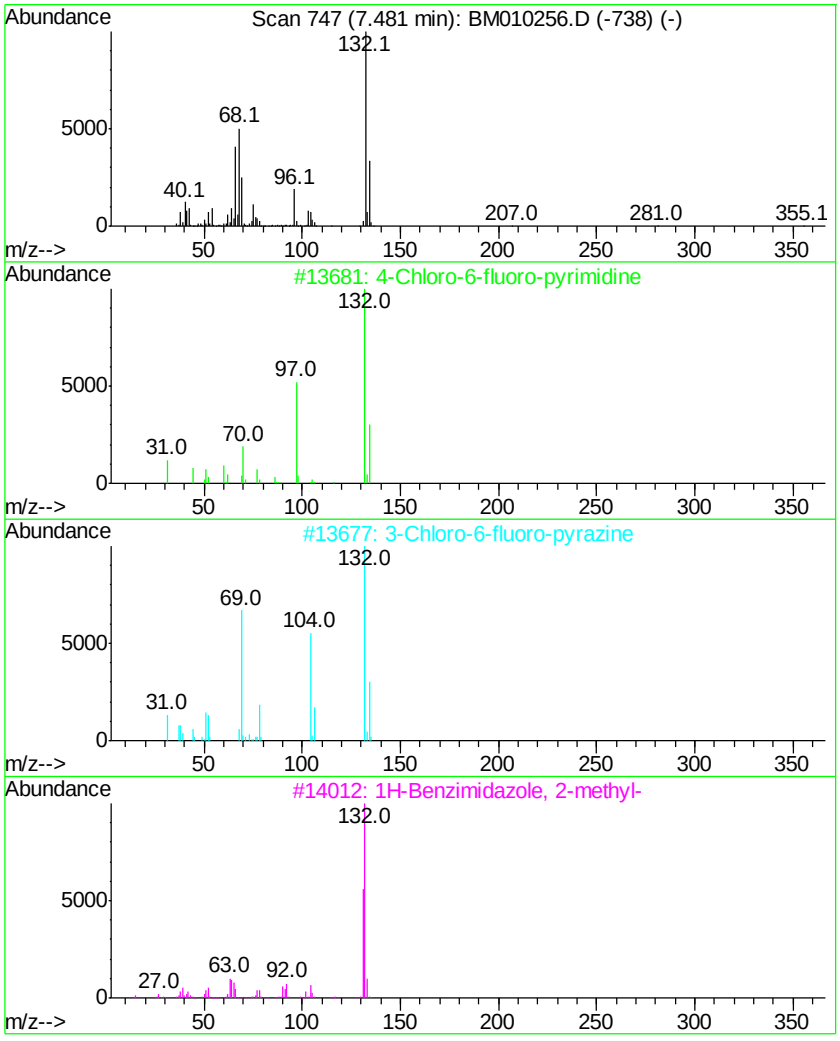
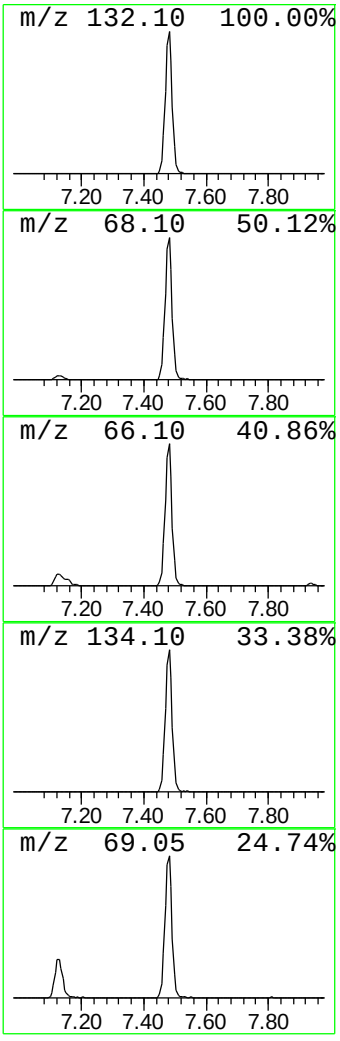
Peak Number 3 unknown7.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	85.69 ng	3099970	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10





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Instrument : BNA_M
ClientSampleId : PURGE-WATER-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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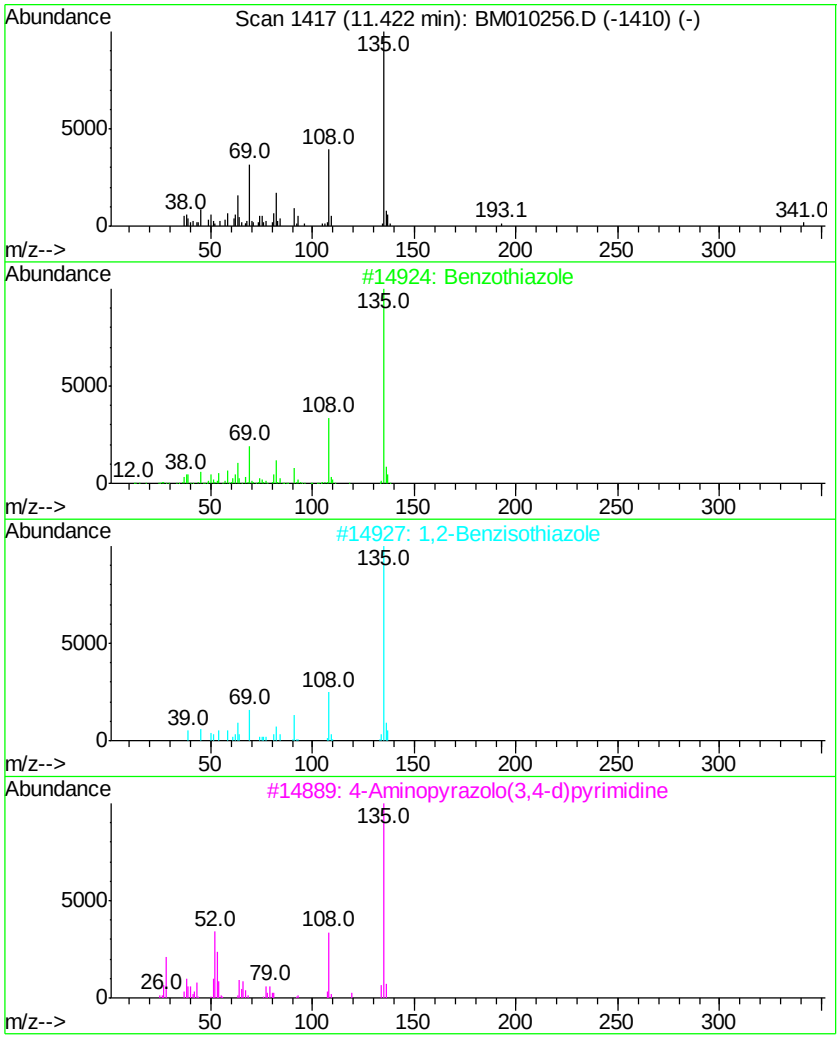
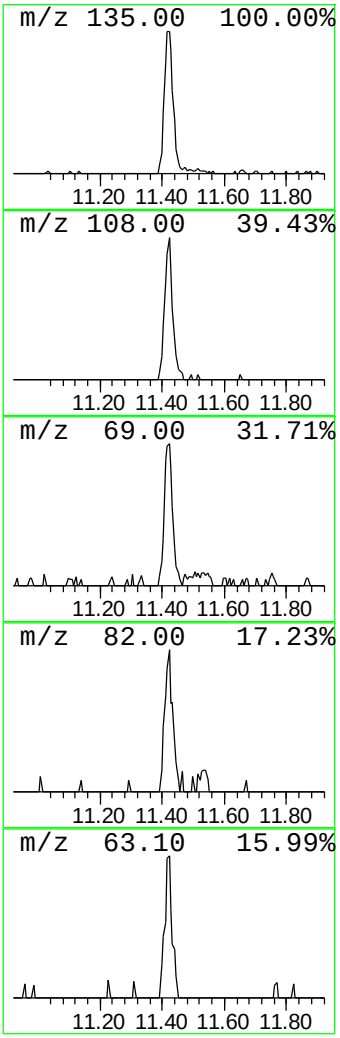
Peak Number 4 Benzothiazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.42 ng	152019	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	96
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	74
3	4-Aminopyrazolo(3,4-d)pyrimidine	135	C5H5N5	020289-44-5	72
4	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	64
5	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	64





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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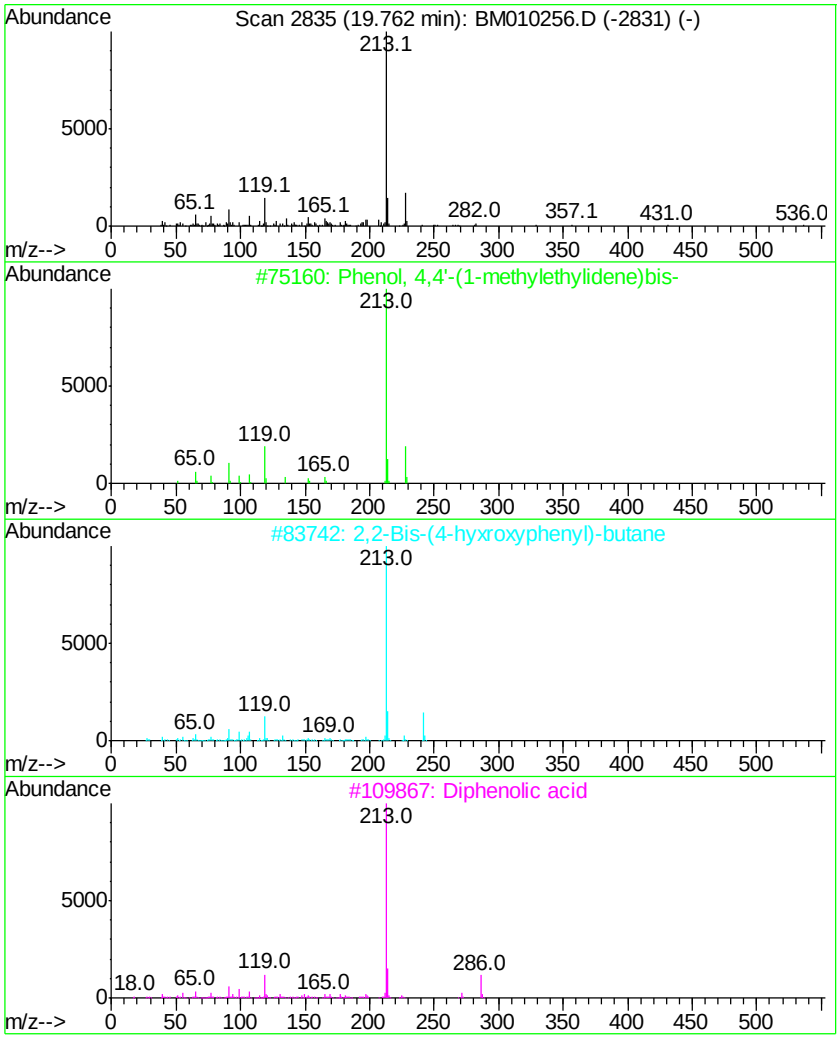
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

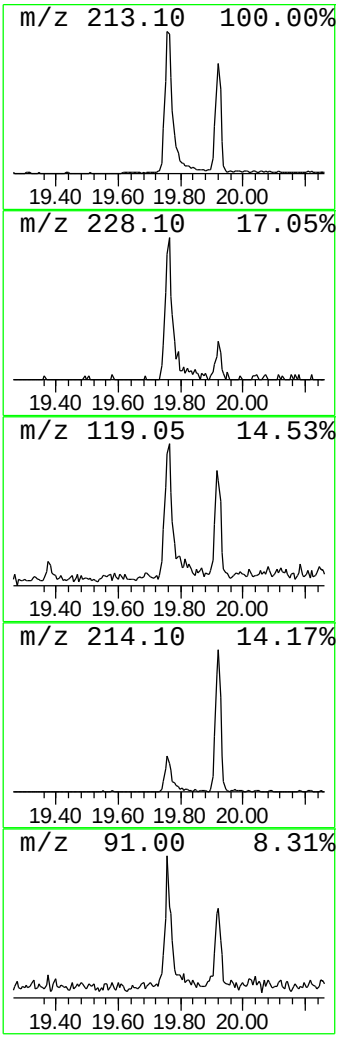
****

Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.02 ng	377683	Chrysene-d12	21.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
3	Diphenolic acid	286	C17H18O4	000126-00-1	64
4	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	64
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	59





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TIC Library : C:\DATABASE\NIST02.L
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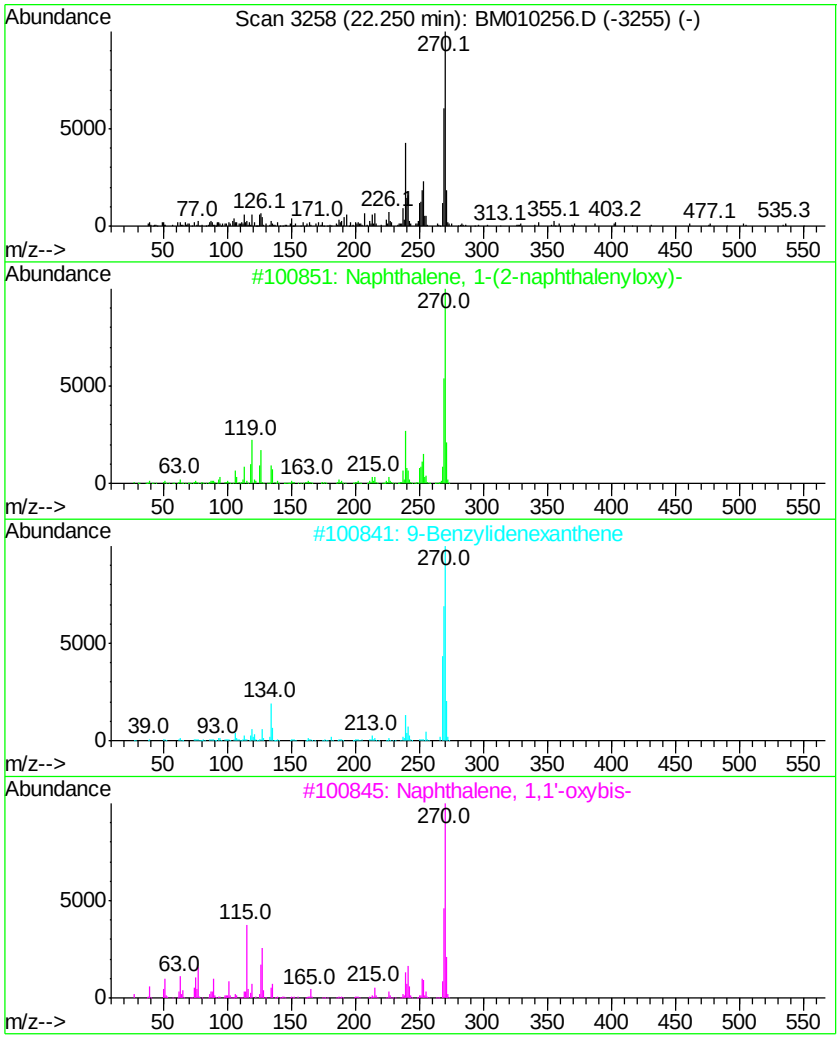
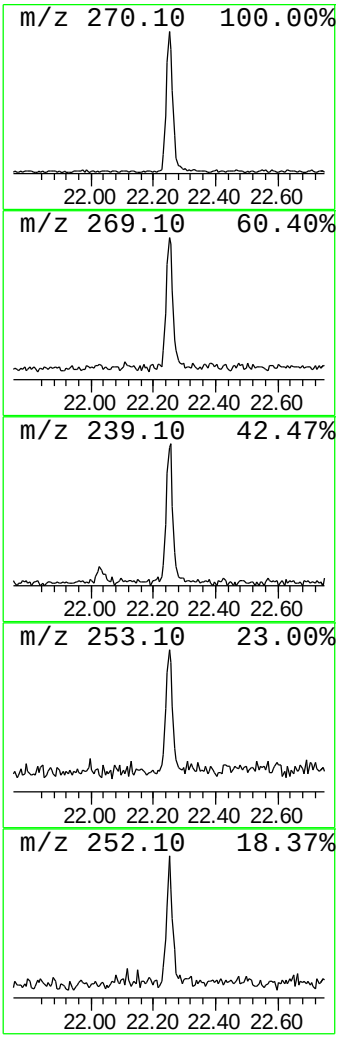
Peak Number 8 Naphthalene, 1-(2-naphthale... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.39 ng	299333	Chrysene-d12	21.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	94
2	9-Benzylidenexanthene	270	C20H14O	027980-52-5	60
3	Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	58
4	Indeno[1,2-b]pyridine, 4-methyl-...	270	C19H14N2	070740-31-7	49
5	4,6-Diamino-3-[p-methoxyphenyl]-...	270	C13H14N6O	058791-70-1	46





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	17.1	ng	617809	1	7.94	723554	20.0
Ethanol, 2-butoxy-	6.01	4.0	ng	144680	1	7.94	723554	20.0
unknown7.48	7.48	85.7	ng	3099970	1	7.94	723554	20.0
Benzothiazole	11.42	3.4	ng	152019	2	10.75	889519	20.0
Phenol, 4,4'-(1-m...	19.76	3.0	ng	377683	5	21.48	2502000	20.0
Naphthalene, 1-(2...	22.25	2.4	ng	299333	5	21.48	2502000	20.0