

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038615.D
 Acq On : 31 Jan 2023 12:22
 Operator : CG/JU
 Sample : 01311-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBQM8

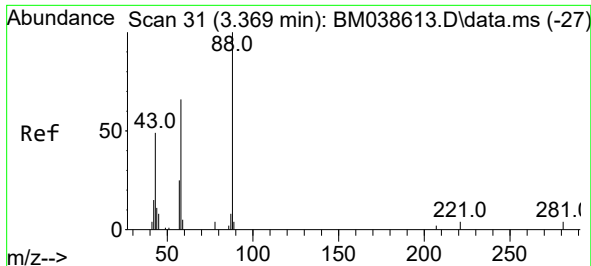
Quant Time: Feb 01 00:02:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	25304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	73787	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	51780	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.427	188	234984	20.000	ng/ul	0.09
79) Chrysene-d12	21.662	240	658	20.000	ng/ul	# 0.15
88) Perylene-d12	23.909	264	189610	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	4061	5.722	ng/uL	0.00
4) Pyridine-d5	3.763	84	48260	27.157	ng/ul	0.00
7) Phenol-d5	7.116	99	50738	30.039	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	31499	31.950	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	44821	31.998	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	40399	29.977	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	18695	33.425	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	26211	35.486	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	55871	34.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	46539	29.295	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	151156	35.339	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	153873	33.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	14700	24.843	ng/ul	0.00
60) Fluorene-d10	15.580	176	137893	36.049	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	122	0.061	ng/ul	0.06
73) Anthracene-d10	17.539	188	362	0.031	ng/ul	0.11
81) Pyrene-d10	19.721	212	304659	8985.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	437840	44.988	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.369	88	2656	3.473	ng/uL#	94
17) N-Nitroso-di-n-propyla...	8.663	70	1796	1.641	ng/ul#	1
23) Isophorone	9.851	82	4588	1.801	ng/ul#	65
82) Pyrene	19.715	202	417	9.999	ng/ul#	1
83) Butylbenzylphthalate	20.792	149	153	12.719	ng/ul#	12
84) 3,3'-Dichlorobenzidine	21.627	252	121	7.485	ng/ul#	23
85) Benzo(a)anthracene	21.503	228	460	9.869	ng/ul#	47
86) Bis(2-ethylhexyl)phtha...	21.562	149	138	8.062	ng/ul#	55

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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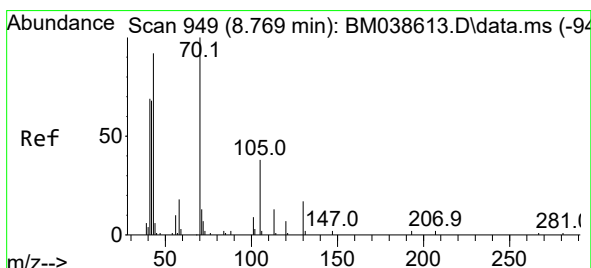
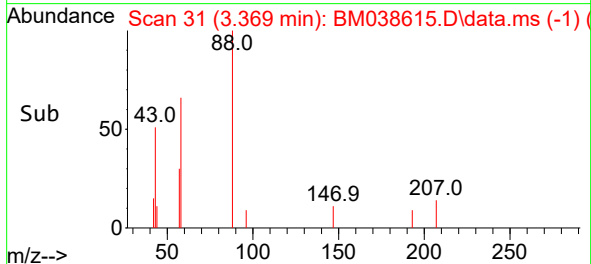
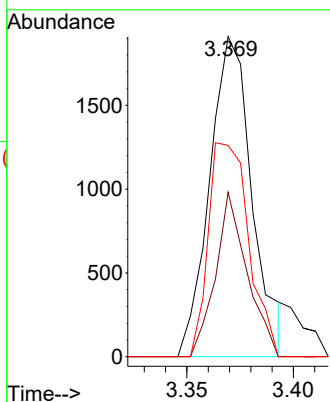
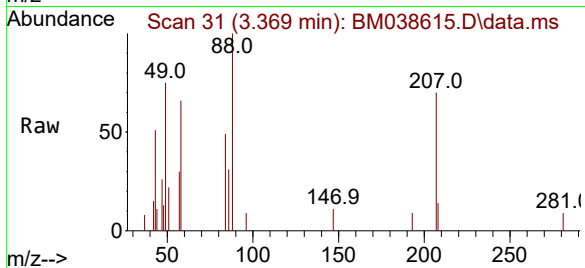




#2
1,4-Dioxane
Concen: 3.473 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038615.D
Acq: 31 Jan 2023 12:22

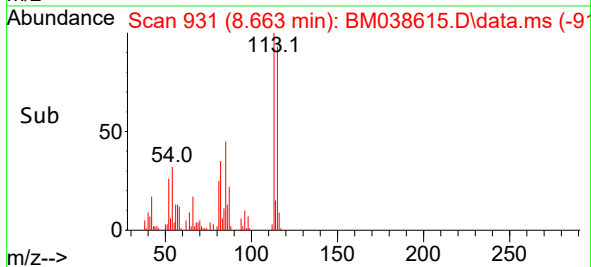
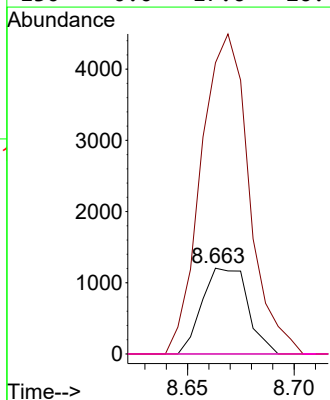
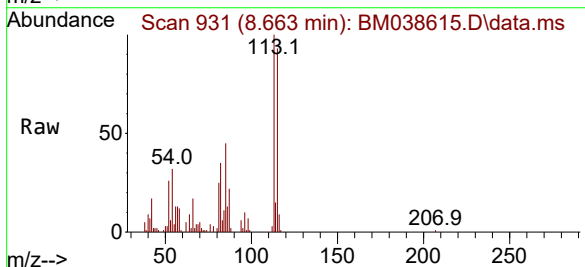
Instrument :
BNA_M
ClientSampleId :
GBQM8

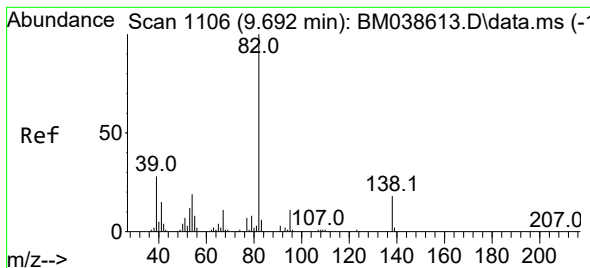
Tgt Ion: 88 Resp: 2656
Ion Ratio Lower Upper
88 100
43 51.4 33.8 50.8#
58 66.1 52.1 78.1



#17
N-Nitroso-di-n-propylamine
Concen: 1.641 ng/uL
RT: 8.663 min Scan# 931
Delta R.T. -0.106 min
Lab File: BM038615.D
Acq: 31 Jan 2023 12:22

Tgt Ion: 70 Resp: 1796
Ion Ratio Lower Upper
70 100
42 339.8 63.6 95.4#
101 0.0 6.3 9.5#
130 0.0 17.6 26.4#





#23

Isophorone

Concen: 1.801 ng/ul

RT: 9.851 min Scan# 1106

Delta R.T. 0.159 min

Lab File: BM038615.D

Acq: 31 Jan 2023 12:22

Instrument :

BNA_M

ClientSampleId :

GBQM8

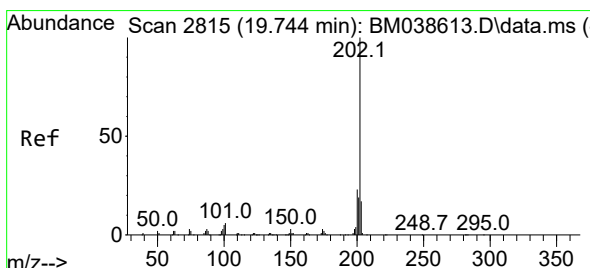
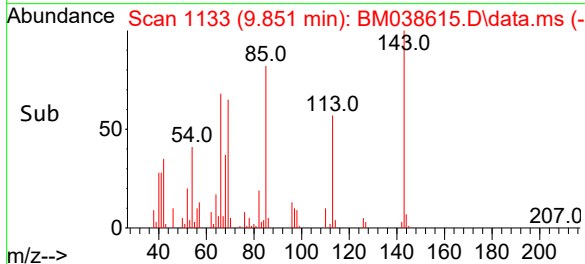
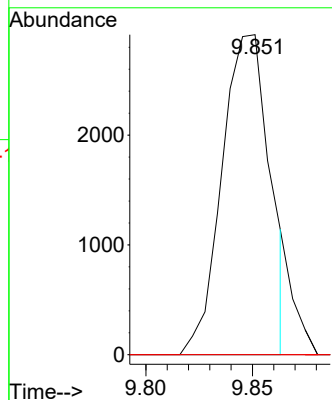
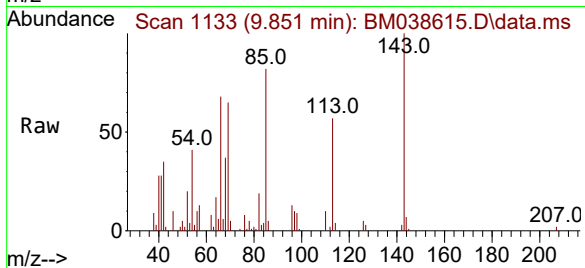
Tgt Ion: 82 Resp: 4588

Ion Ratio Lower Upper

82 100

95 0.0 9.3 13.9#

138 0.0 13.4 20.0#



#82

Pyrene

Concen: 9.999 ng/ul

RT: 19.715 min Scan# 2810

Delta R.T. -0.035 min

Lab File: BM038615.D

Acq: 31 Jan 2023 12:22

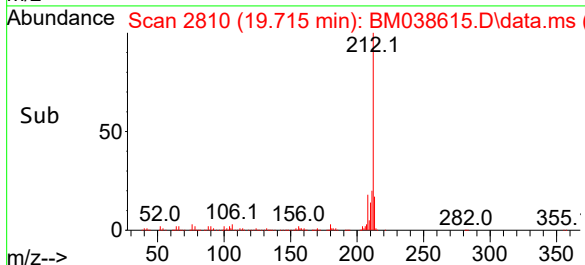
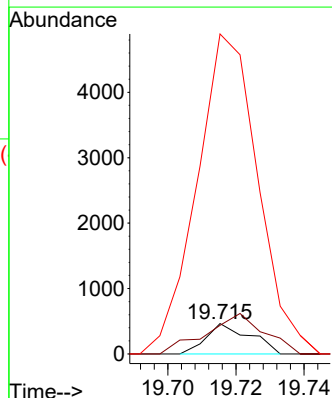
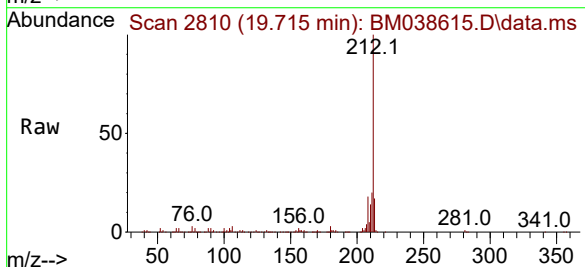
Tgt Ion: 202 Resp: 417

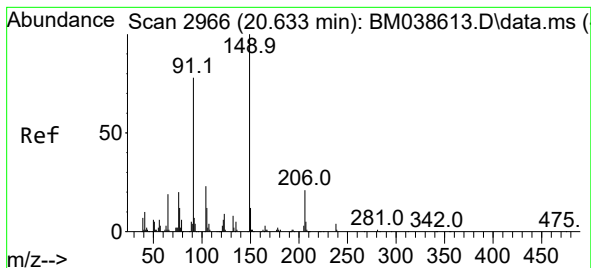
Ion Ratio Lower Upper

202 100

101 94.4 3.3 4.9#

100 1054.3 2.8 4.2#





#83

Butylbenzylphthalate

Concen: 12.719 ng/ul

RT: 20.792 min Scan# 2966

Delta R.T. 0.153 min

Lab File: BM038615.D

Acq: 31 Jan 2023 12:22

Instrument :

BNA_M

ClientSampleId :

GBQM8

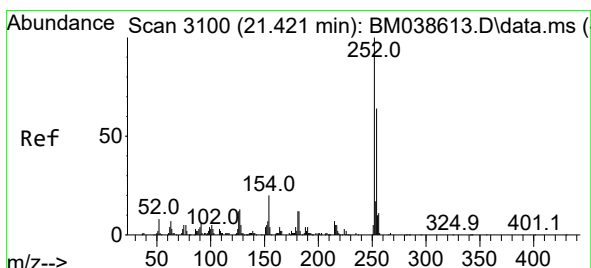
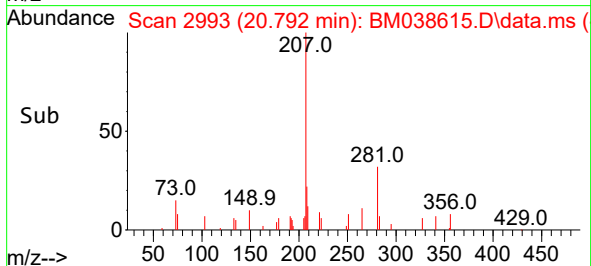
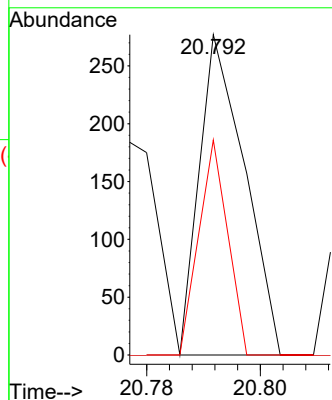
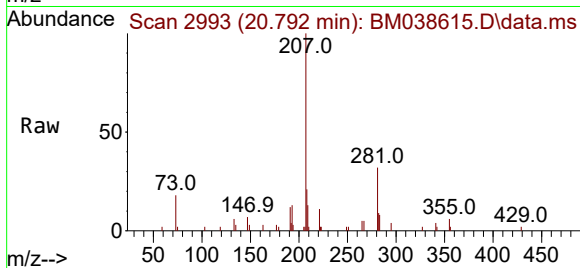
Tgt Ion:149 Resp: 153

Ion Ratio Lower Upper

149 100

91 0.0 59.0 88.4#

206 67.1 19.0 28.6#



#84

3,3'-Dichlorobenzidine

Concen: 7.485 ng/ul

RT: 21.627 min Scan# 3135

Delta R.T. 0.200 min

Lab File: BM038615.D

Acq: 31 Jan 2023 12:22

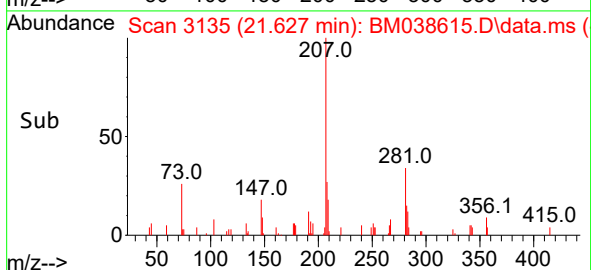
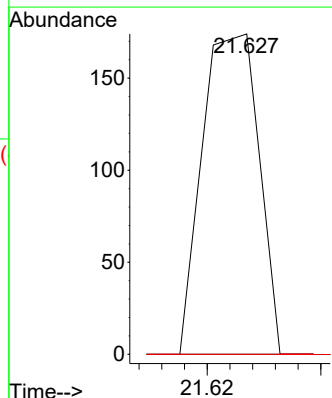
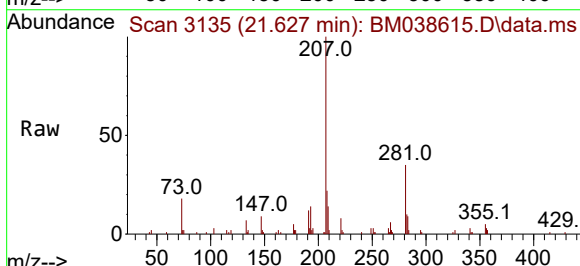
Tgt Ion:252 Resp: 121

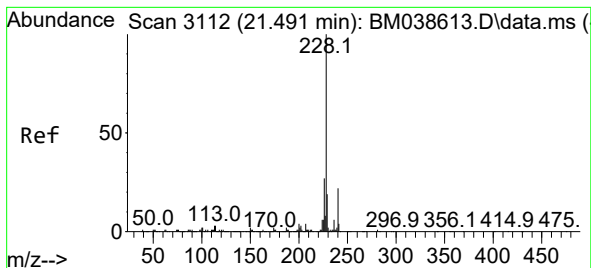
Ion Ratio Lower Upper

252 100

254 0.0 52.7 79.1#

126 0.0 5.0 7.4#





#85

Benzo(a)anthracene

Concen: 9.869 ng/ul

RT: 21.503 min Scan# 3114

Delta R.T. 0.012 min

Lab File: BM038615.D

Acq: 31 Jan 2023 12:22

Instrument :

BNA_M

ClientSampleId :

GBQM8

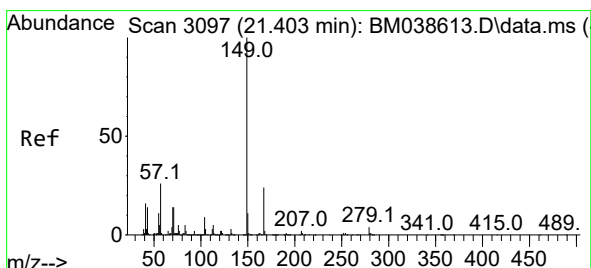
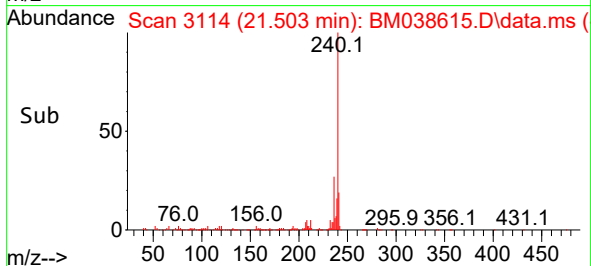
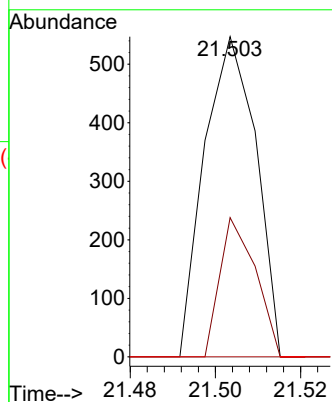
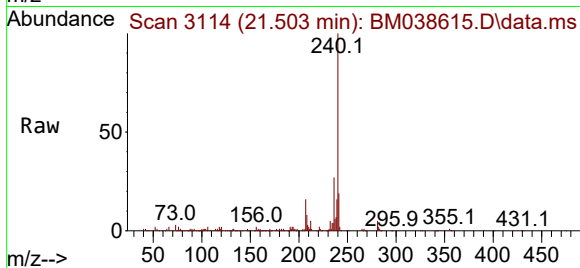
Tgt Ion:228 Resp: 460

Ion Ratio Lower Upper

228 100

229 43.5 15.8 23.6#

226 0.0 22.2 33.4#



#86

Bis(2-ethylhexyl)phthalate

Concen: 8.062 ng/ul

RT: 21.562 min Scan# 3124

Delta R.T. 0.159 min

Lab File: BM038615.D

Acq: 31 Jan 2023 12:22

Tgt Ion:149 Resp: 138

Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.4#

279 0.0 5.1 7.7#

