

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042012.D
 Acq On : 23 Sep 2023 07:01
 Operator : MA/JU
 Sample : 04378-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBKA9

Quant Time: Sep 25 01:03:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5290	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	14734	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	6683	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	13826	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	5196	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	4862	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	28526	3.957	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	6610	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	11128	0.520	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	1091	0.144	ng/ul#	32
5) Naphthalene	10.818	128	1924	0.039	ng/ul#	84
11) Acenaphthene	14.657	153	2157	0.063	ng/ul#	30
20) Pyrene	19.738	202	2924	0.051	ng/ul#	1
26) Benzo(a)pyrene	23.772	252	4008	0.130	ng/ul#	50

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

BBKA9

Abundance

TIC: BM042012.D\data.ms

Time-->

1,4-Dichlorobenzene-d4, I

1,4-Dichlorobenzene-d4, II

Naphthalene-d8, I

2-Methylnaphthalene-d10, SURR

Acenaphthene-d10, I

Acenaphthene-d10, II

Phenanthrene-d10, I

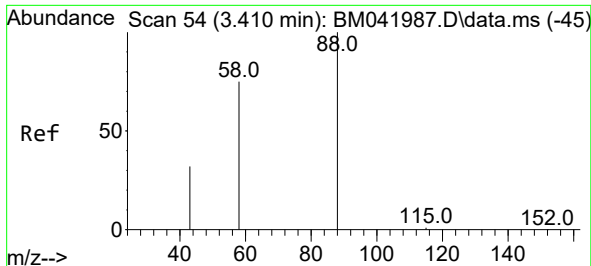
Fluoranthene-d10, SURR

Pyrene

Chrysene-d12

Benzo(a)pyrene C

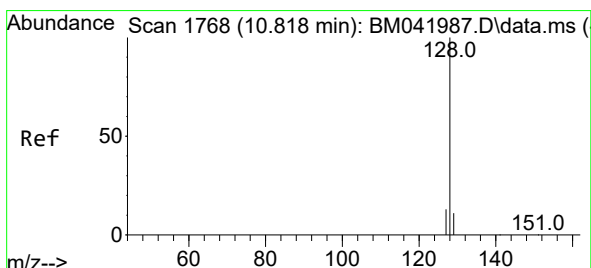
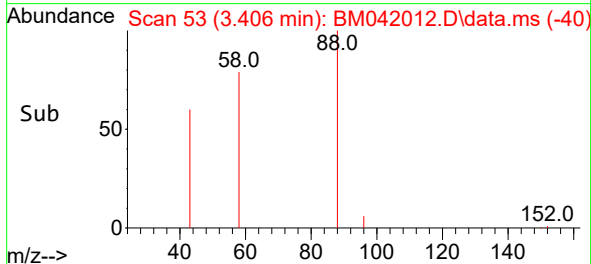
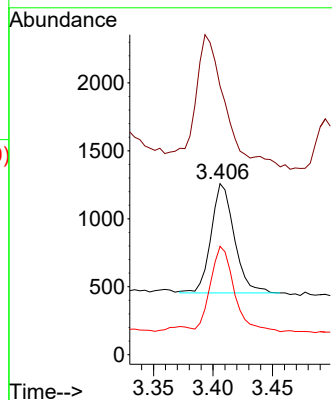
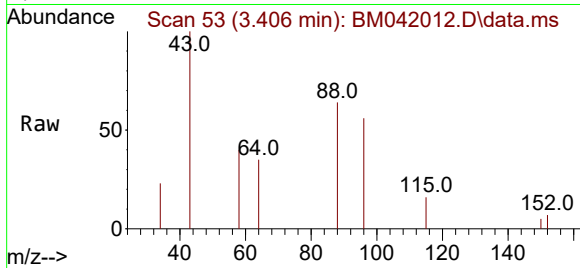
Perylene-d12, I



#2
1,4-Dioxane
Concen: 0.144 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042012.D
Acq: 23 Sep 2023 07:01

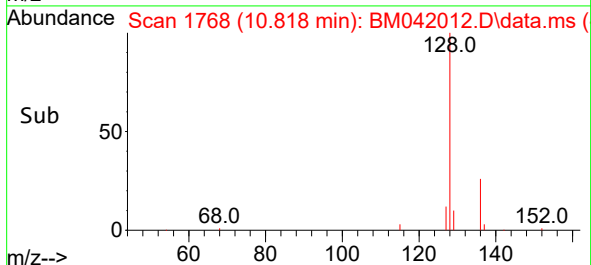
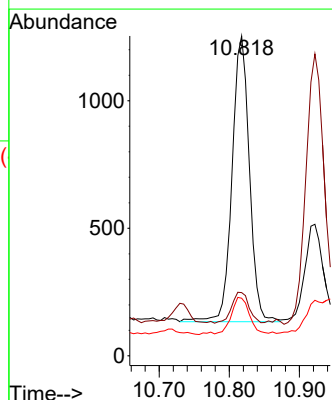
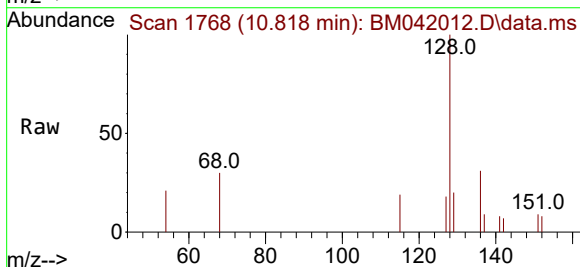
Instrument :
BNA_M
ClientSampleId :
BBKA9

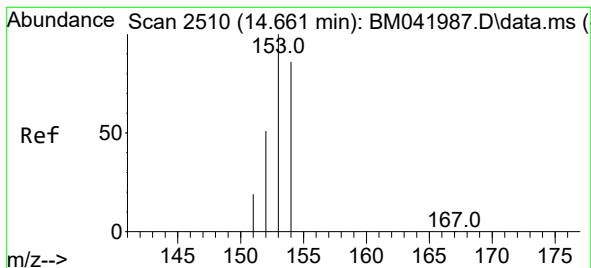
Tgt Ion: 88 Resp: 1091
Ion Ratio Lower Upper
88 100
43 156.9 42.9 64.3#
58 63.3 56.4 84.6



#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042012.D
Acq: 23 Sep 2023 07:01

Tgt Ion: 128 Resp: 1924
Ion Ratio Lower Upper
128 100
129 19.8 9.2 13.8#
127 18.0 10.8 16.2#





#11

Acenaphthene

Concen: 0.063 ng/ul

RT: 14.657 min Scan# 2157

Delta R.T. -0.005 min

Lab File: BM042012.D

Acq: 23 Sep 2023 07:01

Instrument :

BNA_M

ClientSampleId :

BBKA9

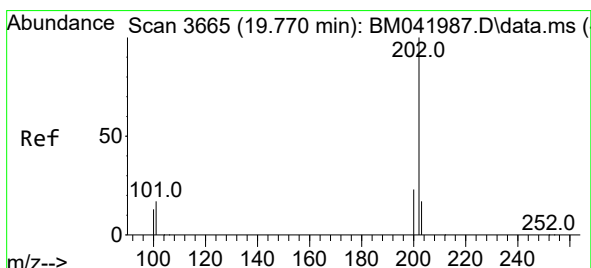
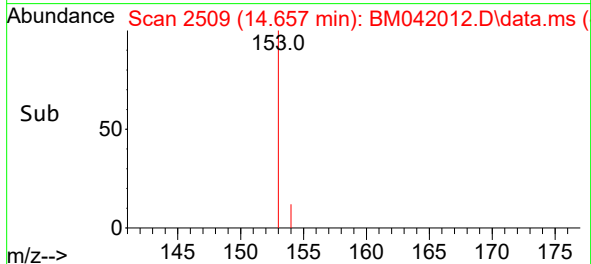
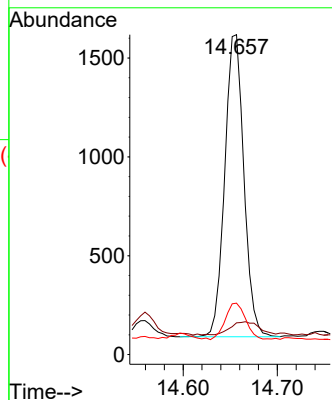
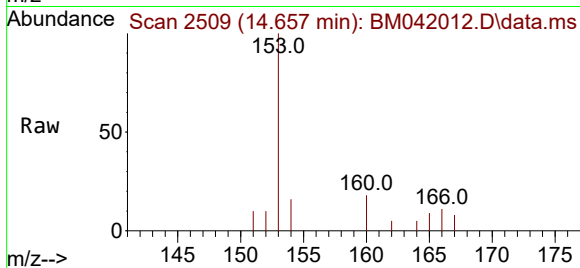
Tgt Ion:153 Resp: 2157

Ion Ratio Lower Upper

153 100

152 10.0 41.8 62.8#

154 16.1 69.0 103.6#



#20

Pyrene

Concen: 0.051 ng/ul

RT: 19.738 min Scan# 3658

Delta R.T. -0.033 min

Lab File: BM042012.D

Acq: 23 Sep 2023 07:01

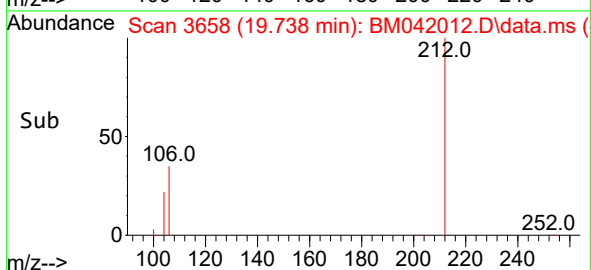
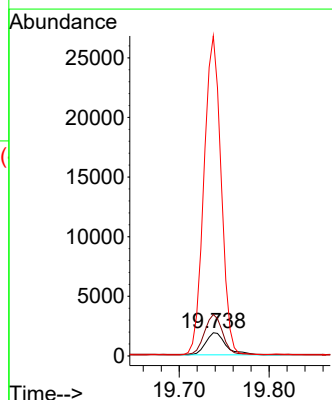
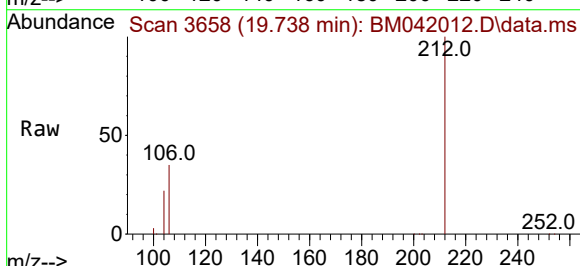
Tgt Ion:202 Resp: 2924

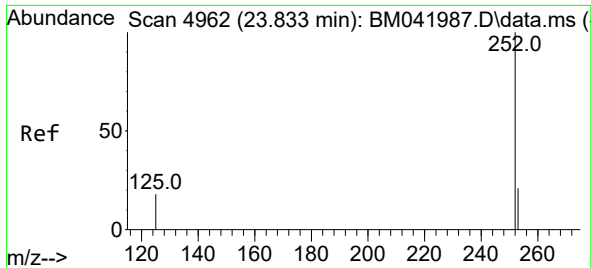
Ion Ratio Lower Upper

202 100

101 178.1 14.1 21.1#

100 1374.6 11.4 17.0#





#26

Benzo(a)pyrene

Concen: 0.130 ng/ul

RT: 23.772 min Scan# 49

Delta R.T. -0.056 min

Lab File: BM042012.D

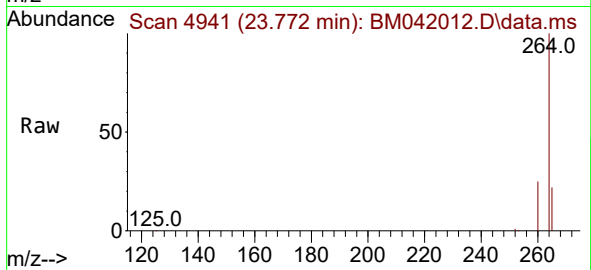
Acq: 23 Sep 2023 07:01

Instrument :

BNA_M

ClientSampleId :

BBKA9



Tgt Ion:252 Resp: 4008

Ion Ratio Lower Upper

252 100

253 54.5 23.2 34.8#

125 55.2 22.5 33.7#

