

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023410.D
 Acq On : 24 Dec 2022 14:51
 Operator : CG/JU
 Sample : N6018-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYK1

Quant Time: Dec 24 23:18:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

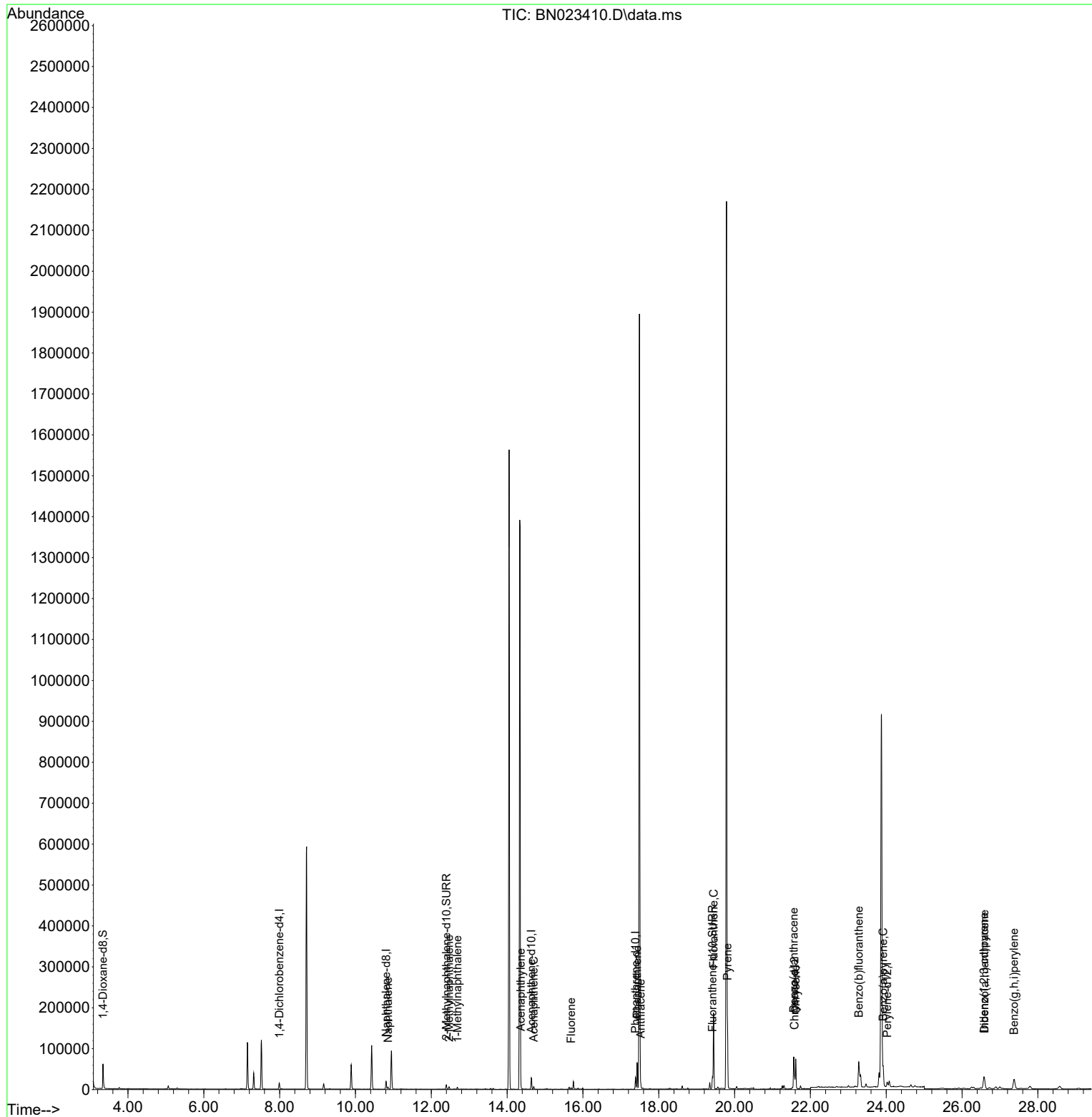
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	7396	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	24284	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	14716	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	32494	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	22147	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	16062	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	38931	4.845	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	13673	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.414	212	31354	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.858	128	6622	0.093	ng/ul	96
7) 2-Methylnaphthalene	12.469	142	4024	0.088	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	3098	0.066	ng/ul	100
10) Acenaphthylene	14.362	152	2160	0.033	ng/ul#	83
11) Acenaphthene	14.704	153	3711	0.068	ng/ul	99
12) Fluorene	15.689	166	2296	0.037	ng/ul#	97
15) Phenanthrene	17.431	178	68240	0.645	ng/ul	100
16) Anthracene	17.524	178	10859	0.124	ng/ul	97
19) Fluoranthene	19.447	202	147614	1.374	ng/ul	100
20) Pyrene	19.814	202	119570	1.104	ng/ul	97
21) Benzo(a)anthracene	21.561	228	64839	0.752	ng/ul	98
22) Chrysene	21.613	228	71671	0.817	ng/ul	98
24) Benzo(b)fluoranthene	23.276	252	136022	1.637	ng/ul	100
26) Benzo(a)pyrene	23.920	252	64542	0.981	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.577	276	50666	0.660	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.591	278	11805	0.198	ng/ul#	79
29) Benzo(g,h,i)perylene	27.372	276	52599	0.841	ng/ul	99

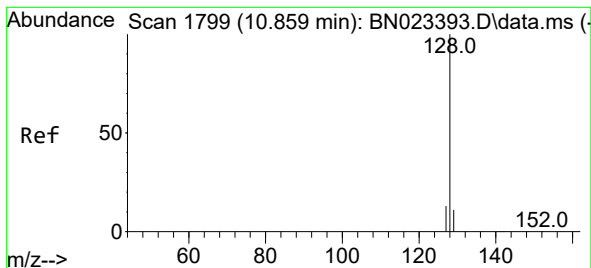
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 24 23:18:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
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QLast Update : Thu Dec 22 02:28:40 2022
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#5

Naphthalene

Concen: 0.093 ng/ul

RT: 10.858 min Scan# 1799

Delta R.T. -0.007 min

Lab File: BN023410.D

Acq: 24 Dec 2022 14:51

Instrument :

BNA_N

ClientSampleId :

DBYK1

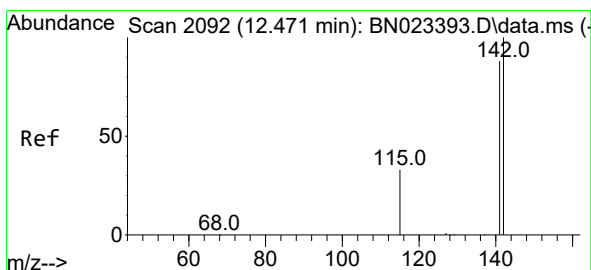
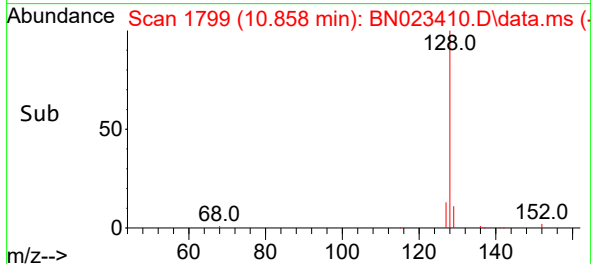
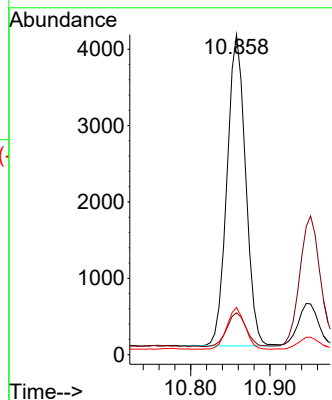
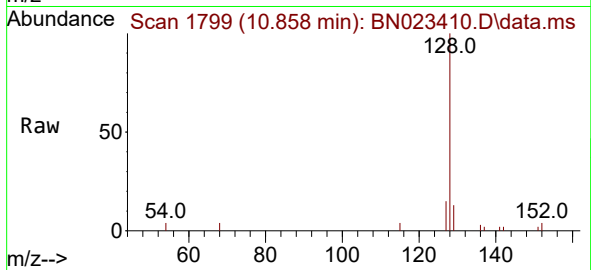
Tgt Ion:128 Resp: 6622

Ion Ratio Lower Upper

128 100

129 13.1 9.0 13.4

127 14.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.088 ng/ul

RT: 12.469 min Scan# 2092

Delta R.T. -0.007 min

Lab File: BN023410.D

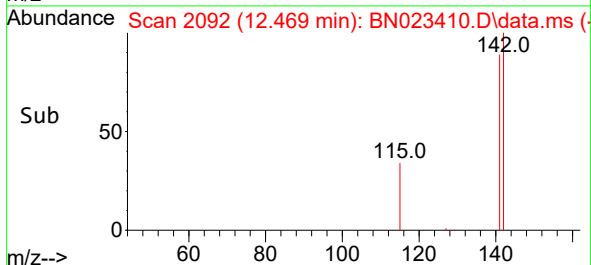
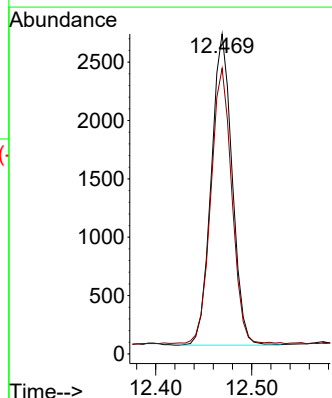
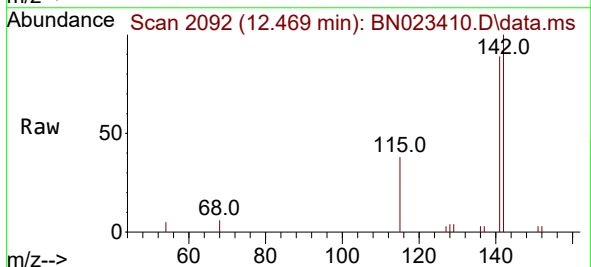
Acq: 24 Dec 2022 14:51

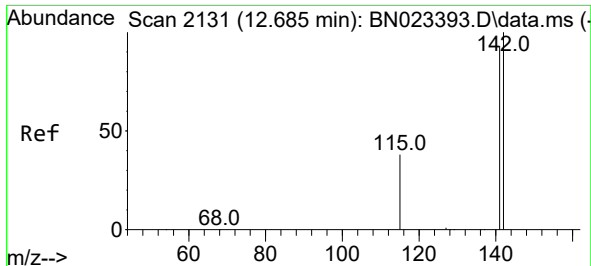
Tgt Ion:142 Resp: 4024

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.2

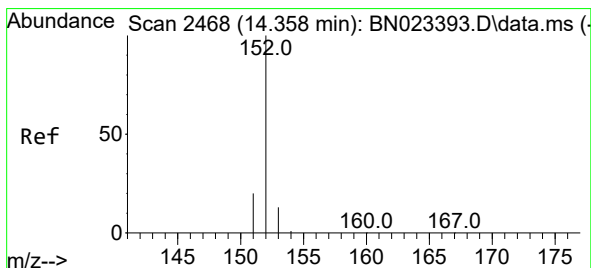
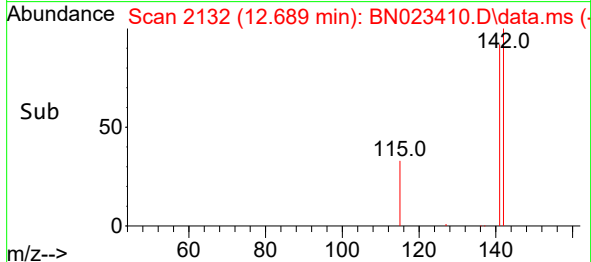
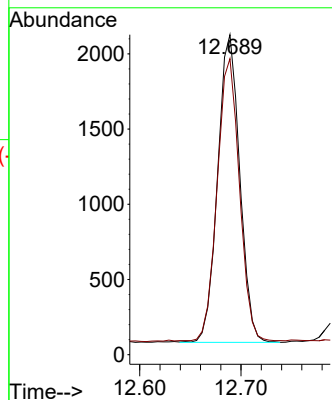
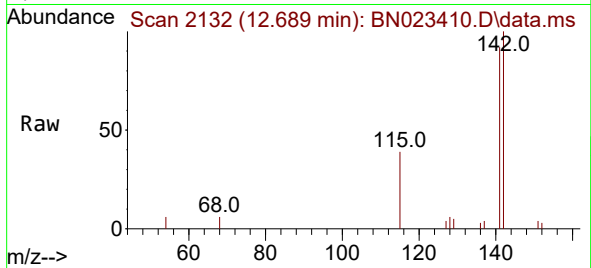




#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.689 min Scan# 2131
Delta R.T. -0.007 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

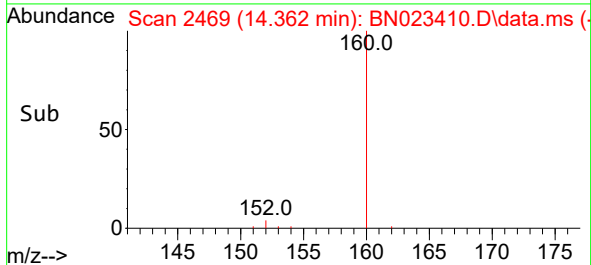
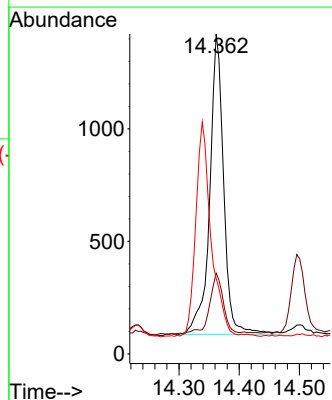
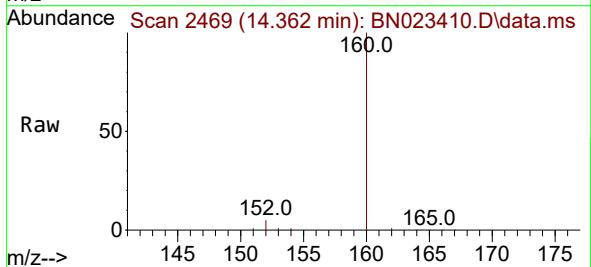
Instrument :
BNA_N
ClientSampleId :
DBYK1

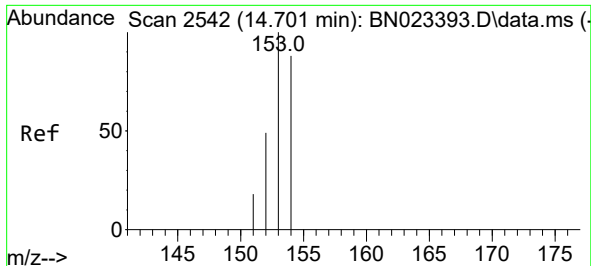
Tgt Ion:142 Resp: 3098
Ion Ratio Lower Upper
142 100
141 92.1 74.0 111.0



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

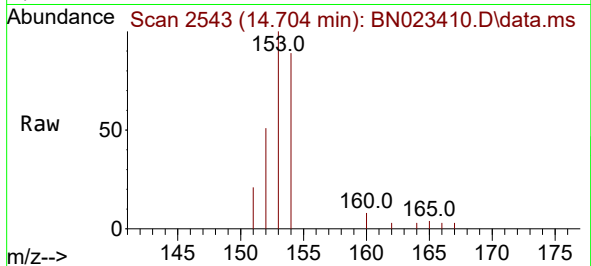
Tgt Ion:152 Resp: 2160
Ion Ratio Lower Upper
152 100
151 25.2 16.1 24.1#
153 23.6 10.9 16.3#



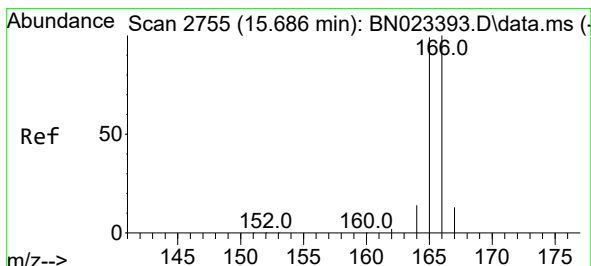
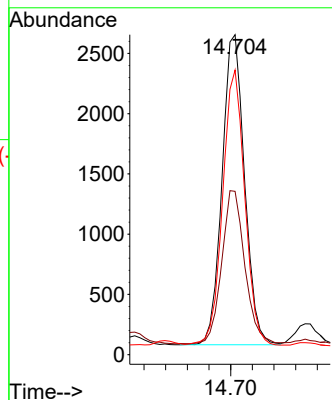
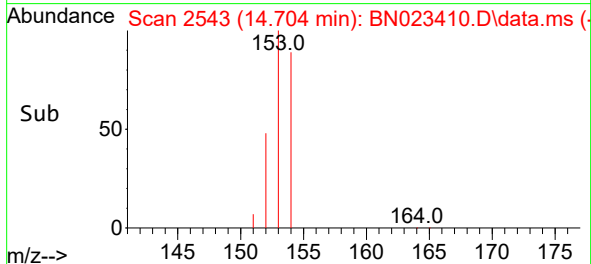


#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.704 min Scan# 2543
Delta R.T. -0.002 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

Instrument :
BNA_N
ClientSampleId :
DBYK1

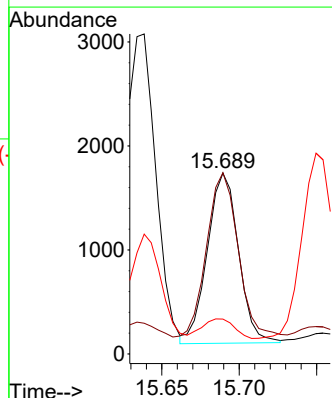
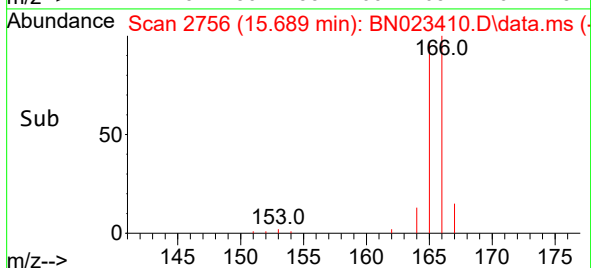
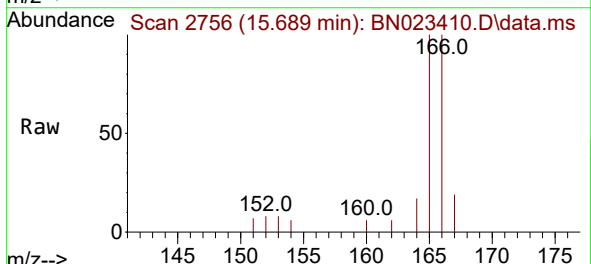


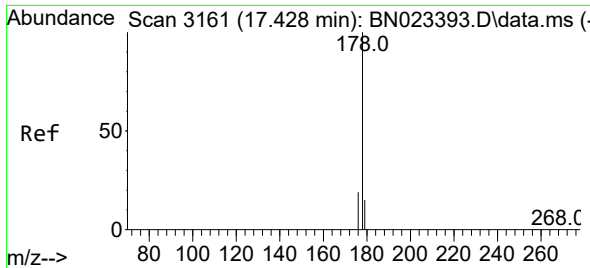
Tgt Ion:153 Resp: 3711
Ion Ratio Lower Upper
153 100
152 51.1 41.0 61.4
154 89.0 69.5 104.3



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.689 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

Tgt Ion:166 Resp: 2296
Ion Ratio Lower Upper
166 100
165 100.2 79.1 118.7
167 19.3 11.0 16.4#

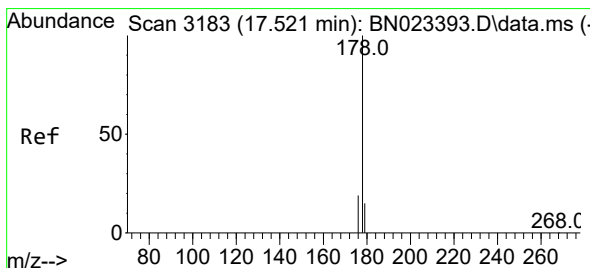
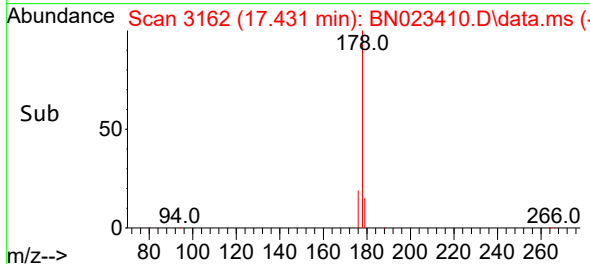
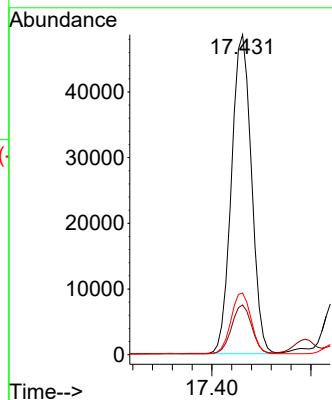
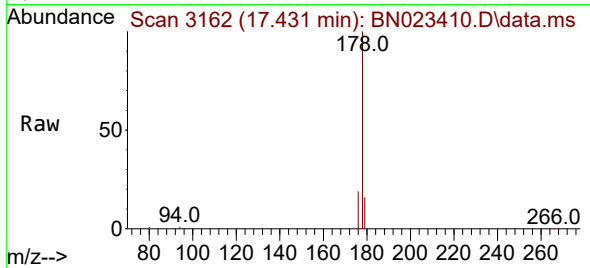




#15
Phenanthrene
Concen: 0.645 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

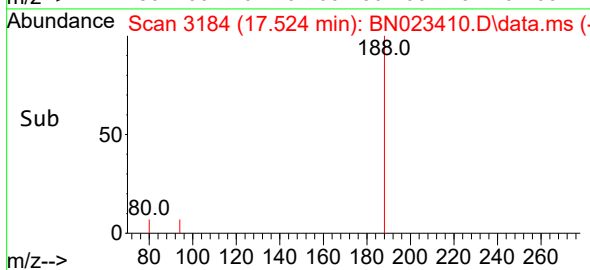
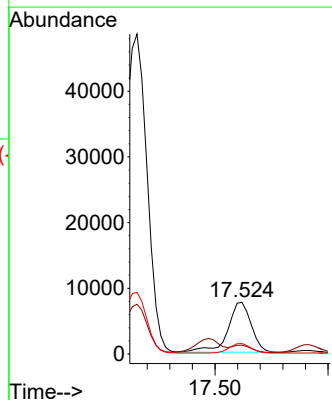
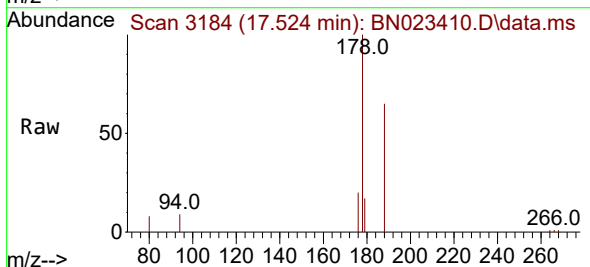
Instrument :
BNA_N
ClientSampleId :
DBYK1

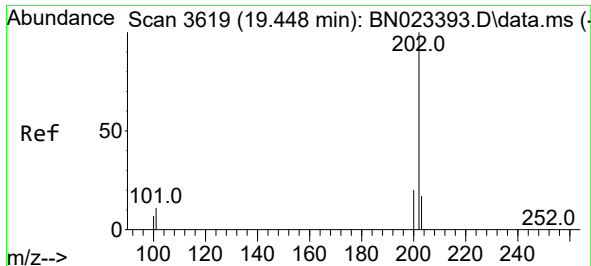
Tgt Ion:178 Resp: 68240
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.3 15.7 23.5



#16
Anthracene
Concen: 0.124 ng/ul
RT: 17.524 min Scan# 3184
Delta R.T. -0.002 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

Tgt Ion:178 Resp: 10859
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 20.0 15.4 23.0

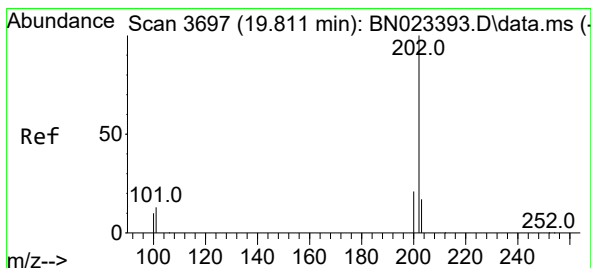
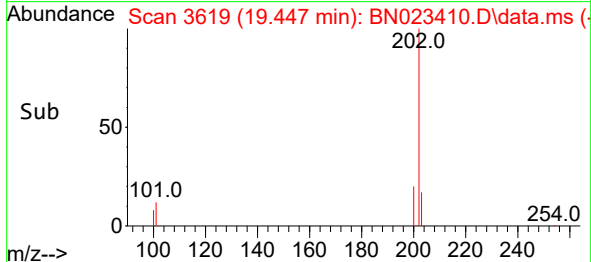
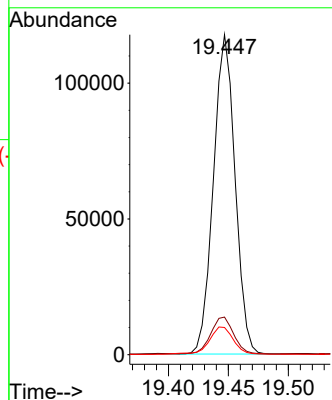
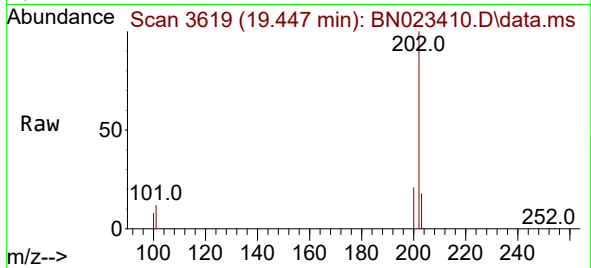




#19
Fluoranthene
Concen: 1.374 ng/ul
RT: 19.447 min Scan# 3619
Delta R.T. -0.002 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

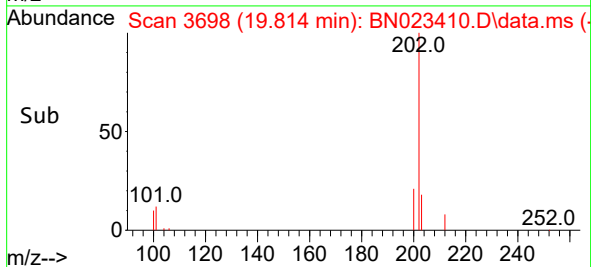
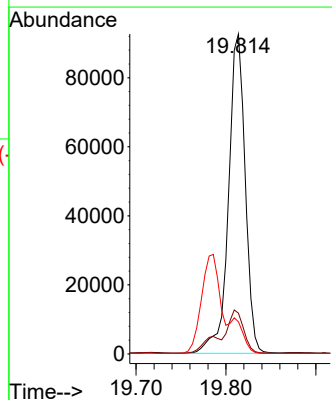
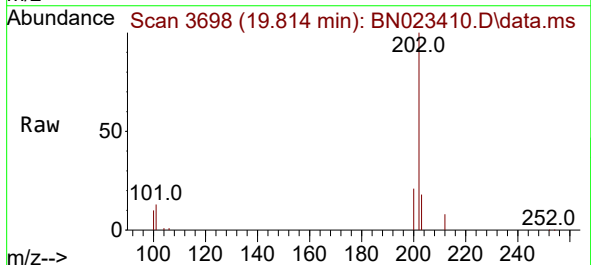
Instrument :
BNA_N
ClientSampleId :
DBYK1

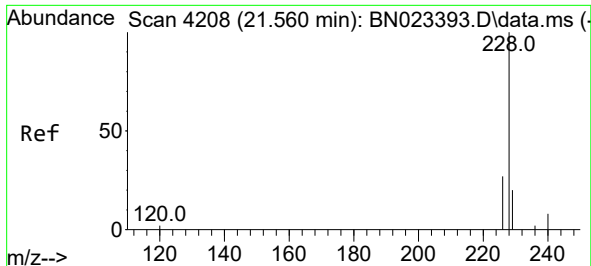
Tgt Ion:202 Resp: 147614
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 8.5 7.0 10.6



#20
Pyrene
Concen: 1.104 ng/ul
RT: 19.814 min Scan# 3698
Delta R.T. 0.002 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

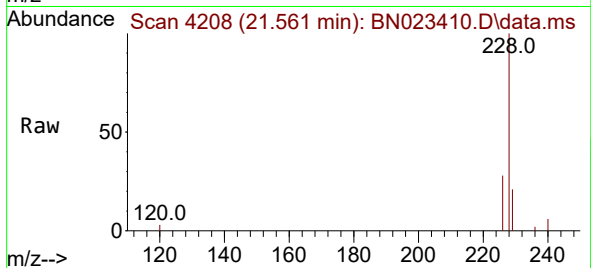
Tgt Ion:202 Resp: 119570
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 10.1 9.0 13.4



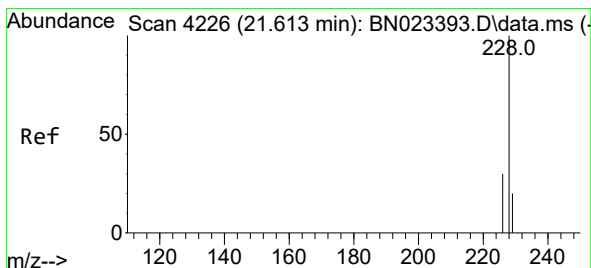
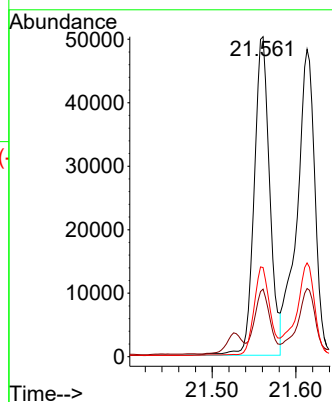
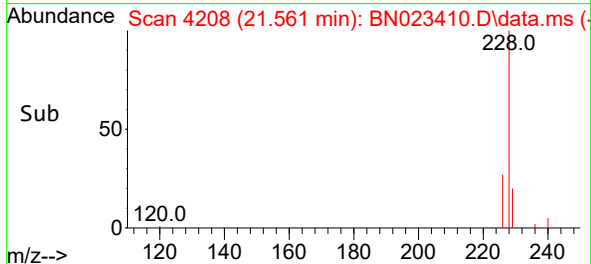


#21
Benzo(a)anthracene
Concen: 0.752 ng/ul
RT: 21.561 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

Instrument :
BNA_N
ClientSampleId :
DBYK1

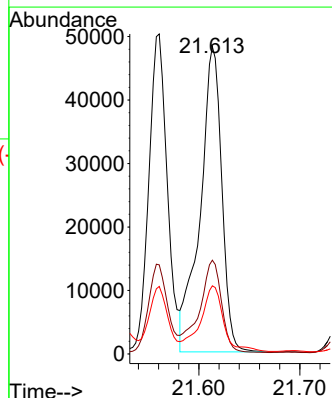
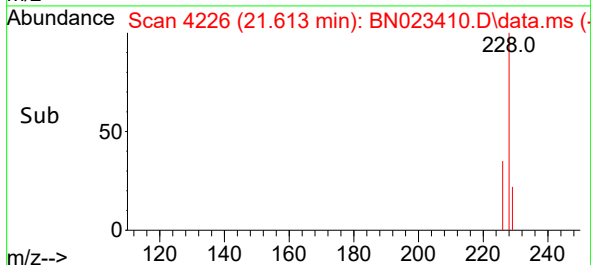
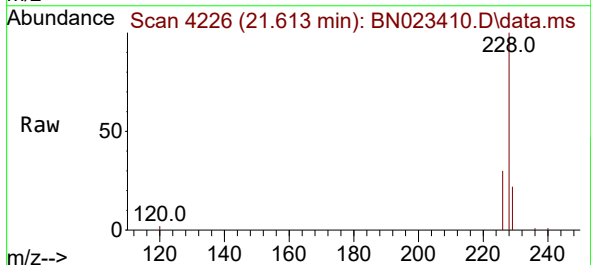


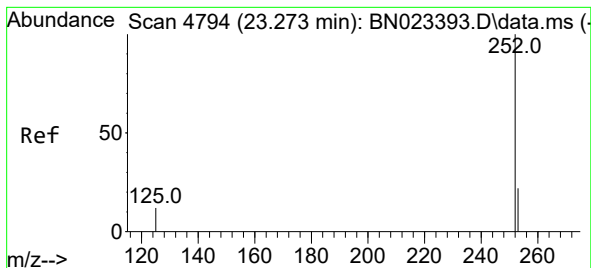
Tgt Ion:228 Resp: 64839
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.817 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.003 min
Lab File: BN023410.D
Acq: 24 Dec 2022 14:51

Tgt Ion:228 Resp: 71671
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.2 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 1.637 ng/ul

RT: 23.276 min Scan# 4794

Delta R.T. 0.003 min

Lab File: BN023410.D

Acq: 24 Dec 2022 14:51

Instrument :

BNA_N

ClientSampleId :

DBYK1

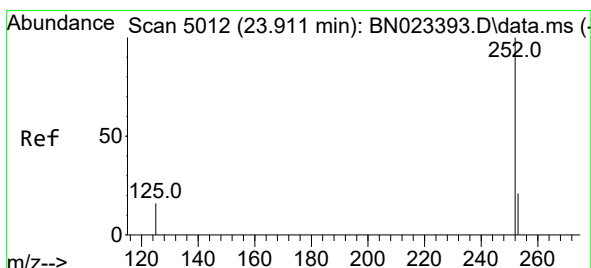
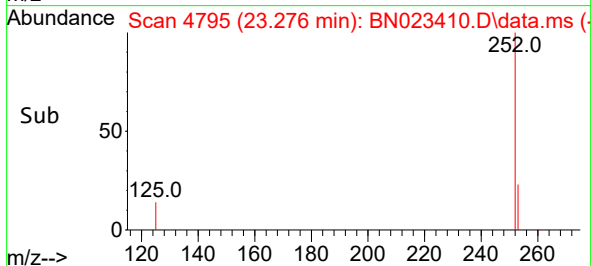
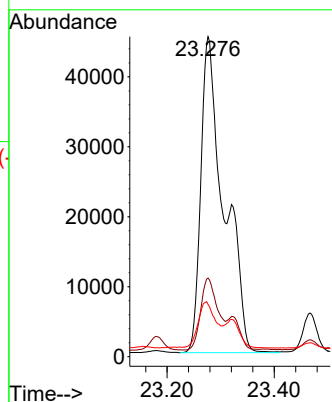
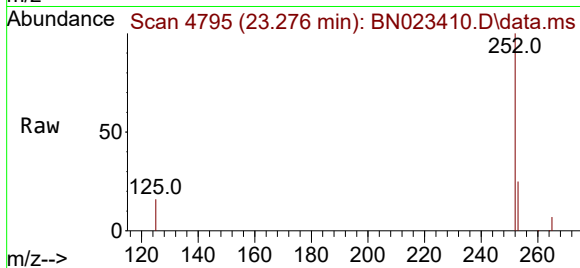
Tgt Ion:252 Resp: 136022

Ion Ratio Lower Upper

252 100

253 24.6 0.0 49.2

125 16.4 0.0 31.8



#26

Benzo(a)pyrene

Concen: 0.981 ng/ul

RT: 23.920 min Scan# 5015

Delta R.T. 0.005 min

Lab File: BN023410.D

Acq: 24 Dec 2022 14:51

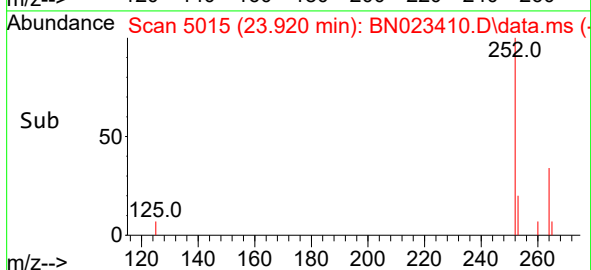
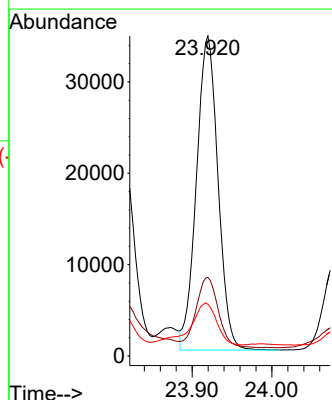
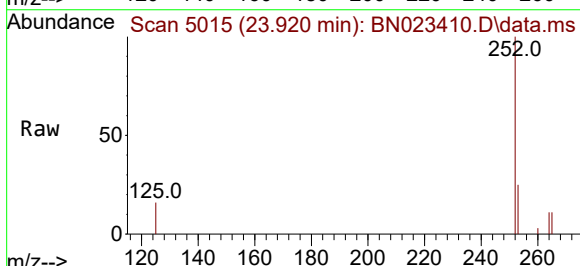
Tgt Ion:252 Resp: 64542

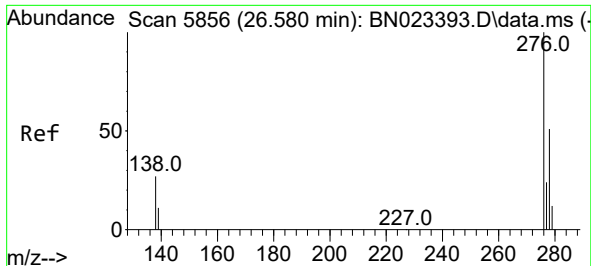
Ion Ratio Lower Upper

252 100

253 24.5 21.4 32.2

125 16.1 16.2 24.4#

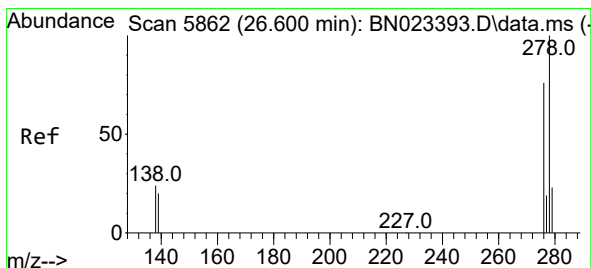
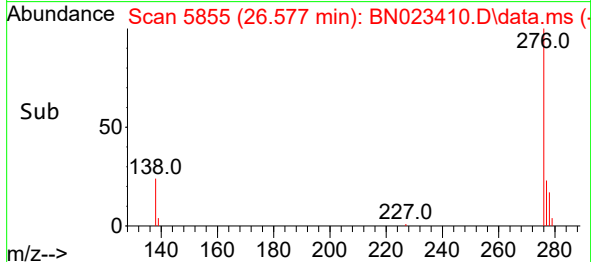
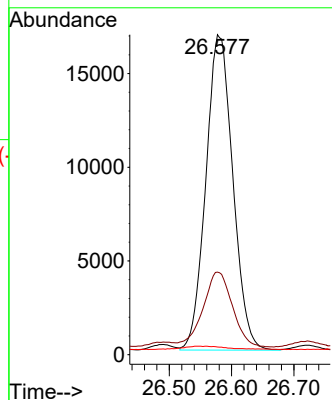
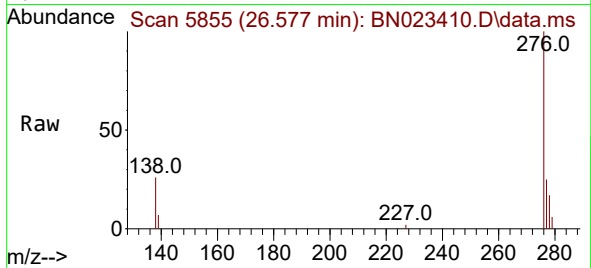




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.660 ng/ul
 RT: 26.577 min Scan# 5855
 Delta R.T. -0.000 min
 Lab File: BN023410.D
 Acq: 24 Dec 2022 14:51

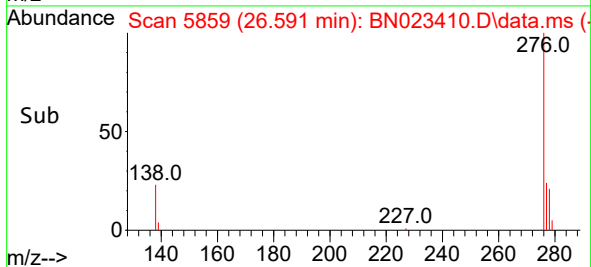
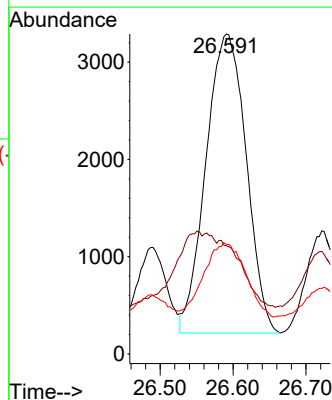
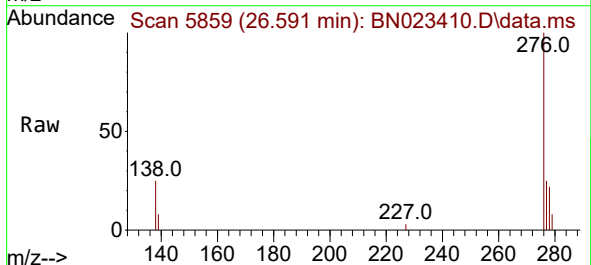
Instrument :
 BNA_N
 ClientSampleId :
 DBYK1

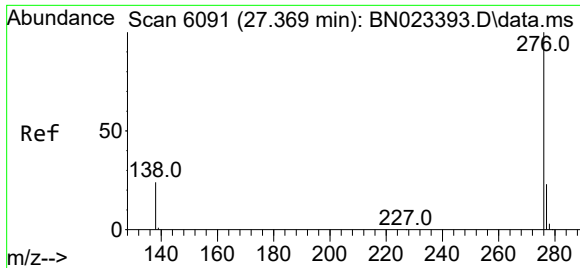
Tgt Ion:276 Resp: 50666
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.4 35.2
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.198 ng/ul
 RT: 26.591 min Scan# 5859
 Delta R.T. -0.010 min
 Lab File: BN023410.D
 Acq: 24 Dec 2022 14:51

Tgt Ion:278 Resp: 11805
 Ion Ratio Lower Upper
 278 100
 139 33.8 16.6 24.8#
 279 34.1 21.3 31.9#





#29

Benzo(g,h,i)perylene

Concen: 0.841 ng/ul

RT: 27.372 min Scan# 6092

Delta R.T. 0.003 min

Lab File: BN023410.D

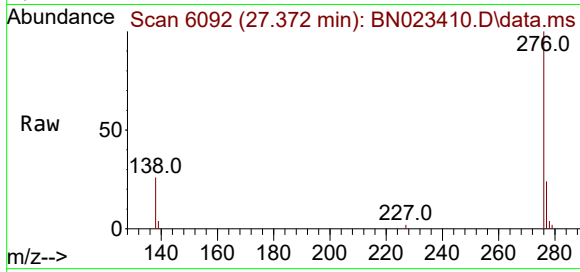
Acq: 24 Dec 2022 14:51

Instrument :

BNA_N

ClientSampleId :

DBYK1



Tgt Ion:276 Resp: 52599

Ion Ratio Lower Upper

276 100

138 26.3 20.3 30.5

277 24.2 19.7 29.5

