

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027856.D
 Acq On : 26 Sep 2023 11:17
 Operator : MA/JU
 Sample : 04410-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBK40

Quant Time: Sep 27 02:59:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

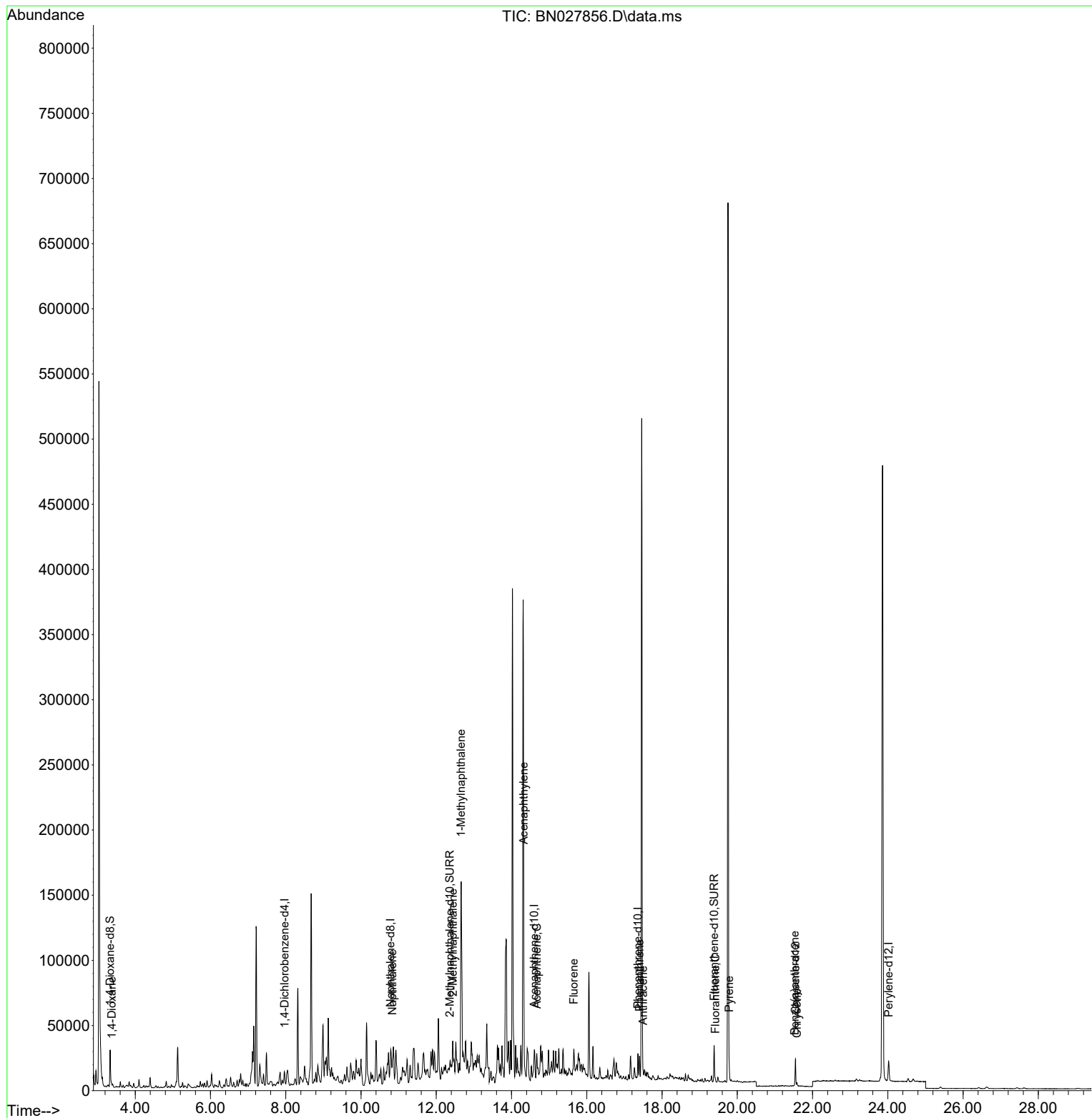
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	3696	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.784	136	13817	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	18755	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.358	188	21388	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.545	240	18942	0.400	ng/ul	0.02
23) Perylene-d12	24.021	264	21644	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	18649	4.006	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	9803	0.468	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	29274	0.506	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	1156	0.239	ng/ul#	65
5) Naphthalene	10.834	128	38096	0.965	ng/ul#	91
7) 2-Methylnaphthalene	12.440	142	11301	0.451	ng/ul	87
8) 1-Methylnaphthalene	12.660	142	79291	3.068	ng/ul	99
10) Acenaphthylene	14.323	152	3991	0.049	ng/ul#	1
11) Acenaphthene	14.670	153	9402	0.133	ng/ul	95
12) Fluorene	15.656	166	16712	0.201	ng/ul#	94
15) Phenanthrene	17.401	178	20411	0.304	ng/ul#	83
16) Anthracene	17.494	178	5108	0.091	ng/ul#	50
19) Fluoranthene	19.413	202	2712	0.035	ng/ul#	57
20) Pyrene	19.780	202	12218	0.155	ng/ul#	88
21) Benzo(a)anthracene	21.527	228	1930	0.026	ng/ul#	49
22) Chrysene	21.583	228	2996	0.040	ng/ul#	56

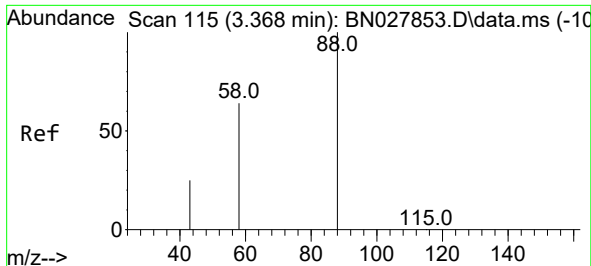
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027856.D
Acq On : 26 Sep 2023 11:17
Operator : MA/JU
Sample : 04410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BBK40

Quant Time: Sep 27 02:59:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration

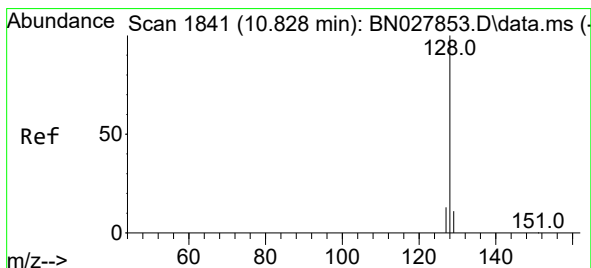
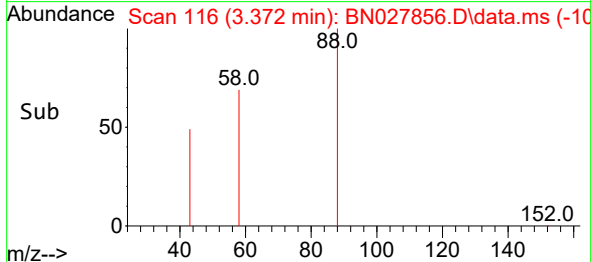
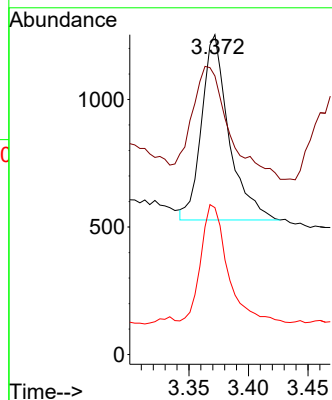
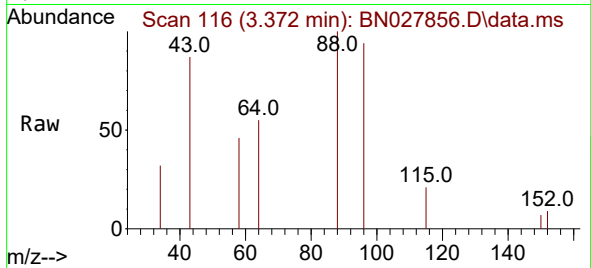




#2
1,4-Dioxane
Concen: 0.239 ng/ul
RT: 3.372 min Scan# 115
Delta R.T. -0.000 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

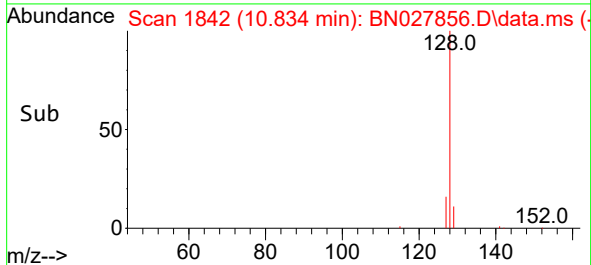
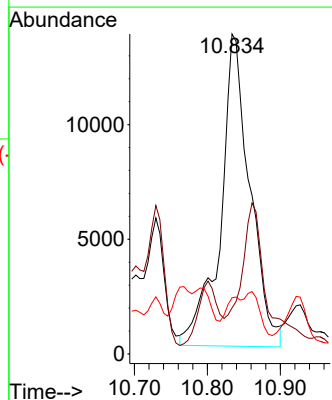
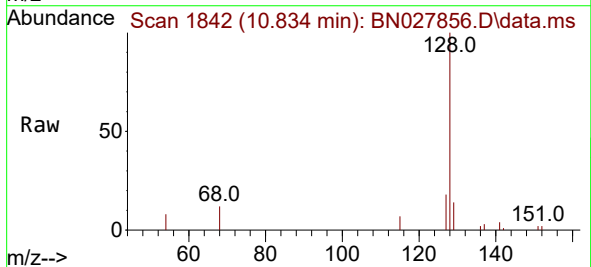
Instrument :
BNA_N
ClientSampleId :
BBK40

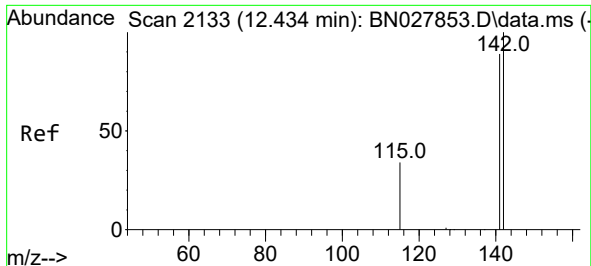
Tgt Ion: 88 Resp: 1156
Ion Ratio Lower Upper
88 100
43 87.1 39.6 59.4#
58 45.9 48.3 72.5#



#5
Naphthalene
Concen: 0.965 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

Tgt Ion:128 Resp: 38096
Ion Ratio Lower Upper
128 100
129 14.4 9.3 13.9#
127 17.6 10.7 16.1#

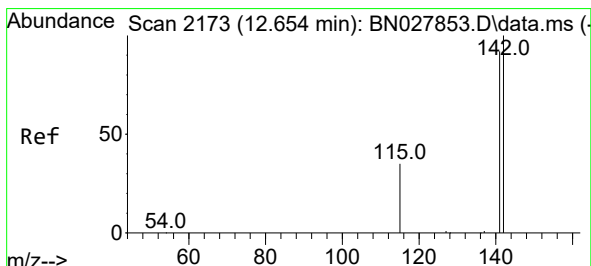
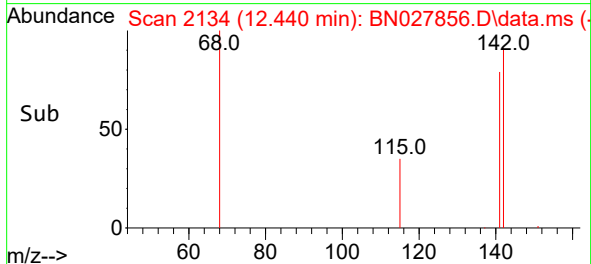
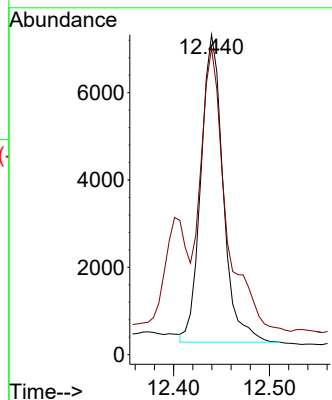
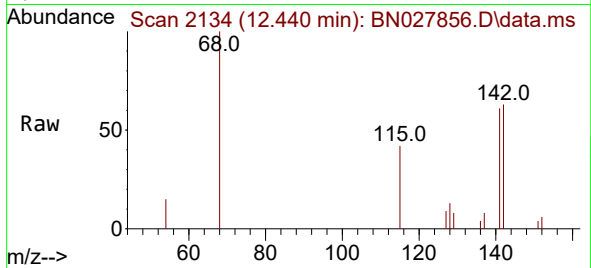




#7
2-Methylnaphthalene
Concen: 0.451 ng/ul
RT: 12.440 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

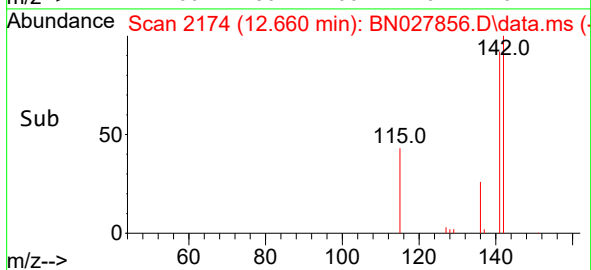
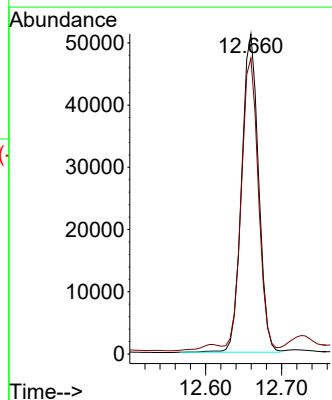
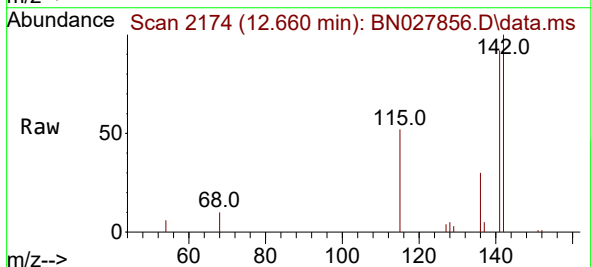
Instrument :
BNA_N
ClientSampleId :
BBK40

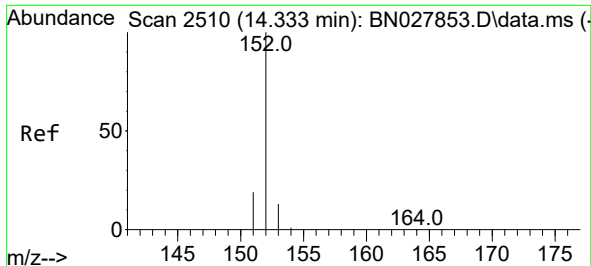
Tgt Ion:142 Resp: 11301
Ion Ratio Lower Upper
142 100
141 101.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 3.068 ng/ul
RT: 12.660 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

Tgt Ion:142 Resp: 79291
Ion Ratio Lower Upper
142 100
141 89.8 72.8 109.2

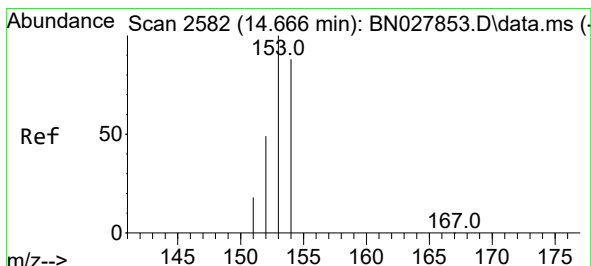
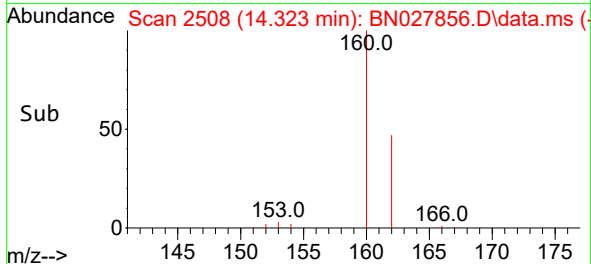
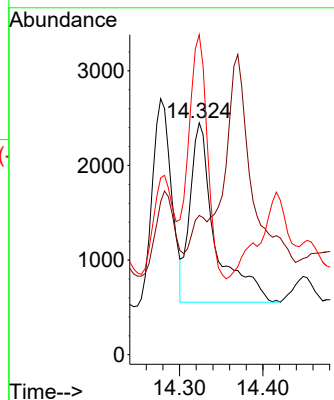
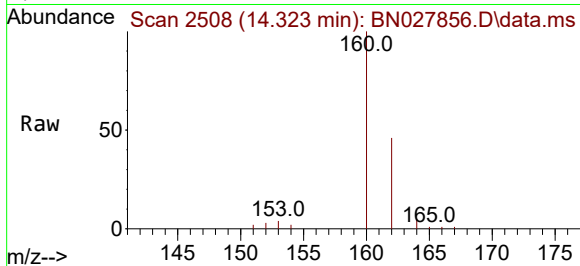




#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.323 min Scan# 2510
Delta R.T. 0.004 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

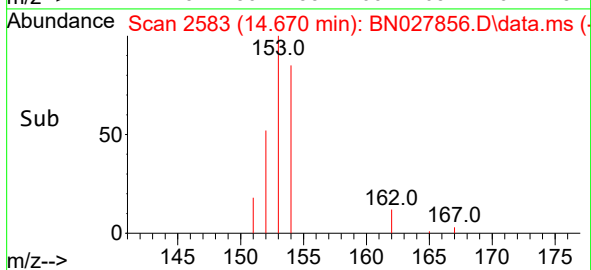
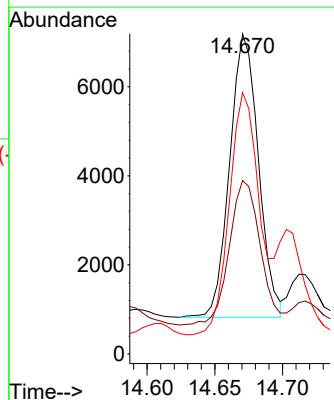
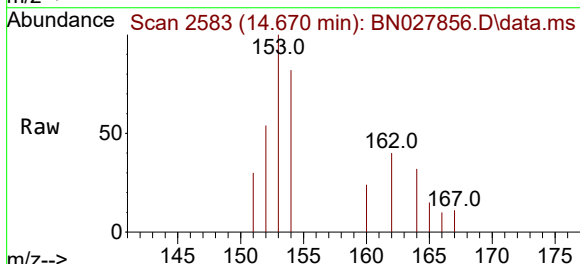
Instrument :
BNA_N
ClientSampleId :
BBK40

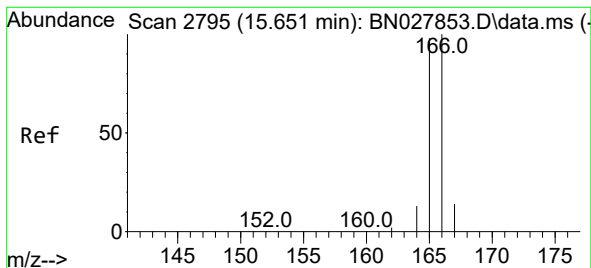
Tgt Ion:152 Resp: 3991
Ion Ratio Lower Upper
152 100
151 60.0 16.6 25.0#
153 138.0 11.0 16.6#



#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.670 min Scan# 2583
Delta R.T. 0.018 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

Tgt Ion:153 Resp: 9402
Ion Ratio Lower Upper
153 100
152 54.2 41.7 62.5
154 81.7 70.3 105.5





#12

Fluorene

Concen: 0.201 ng/ul

RT: 15.656 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN027856.D

Acq: 26 Sep 2023 11:17

Instrument :

BNA_N

ClientSampleId :

BBK40

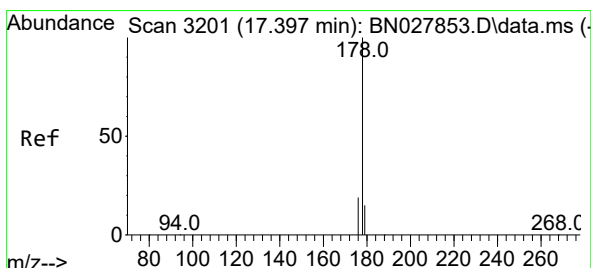
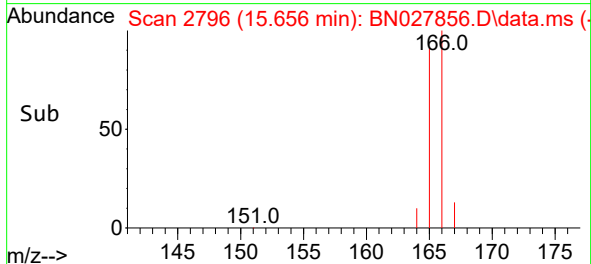
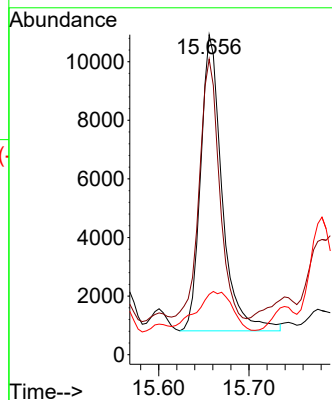
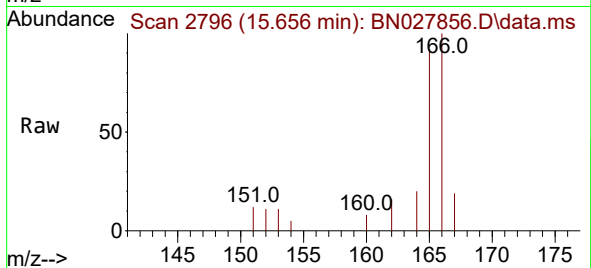
Tgt Ion:166 Resp: 16712

Ion Ratio Lower Upper

166 100

165 92.3 78.0 117.0

167 18.9 11.4 17.2#



#15

Phenanthrene

Concen: 0.304 ng/ul

RT: 17.401 min Scan# 3202

Delta R.T. 0.016 min

Lab File: BN027856.D

Acq: 26 Sep 2023 11:17

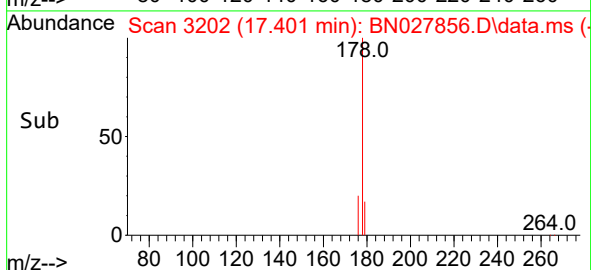
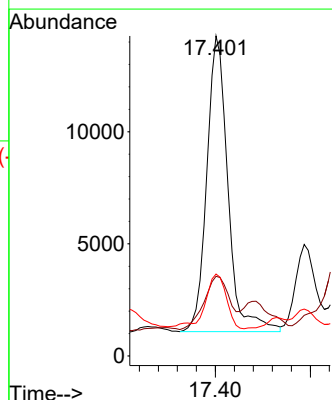
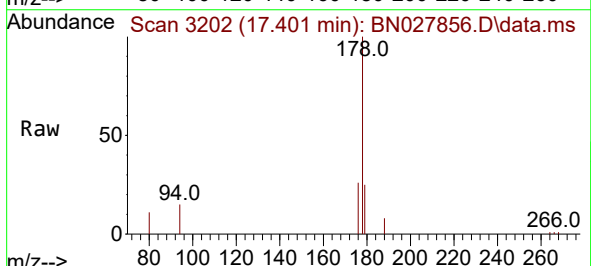
Tgt Ion:178 Resp: 20411

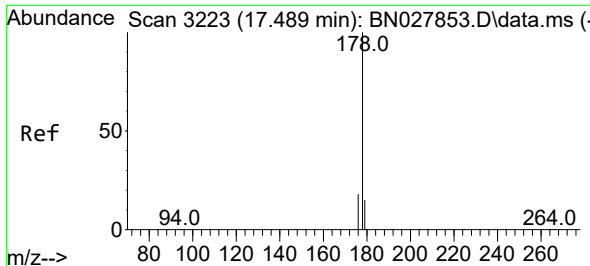
Ion Ratio Lower Upper

178 100

179 24.9 12.4 18.6#

176 25.6 16.0 24.0#

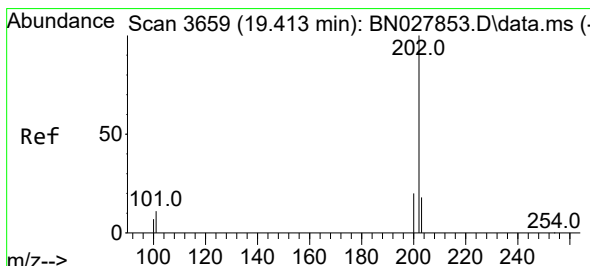
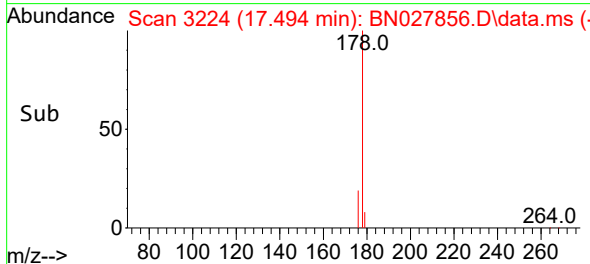
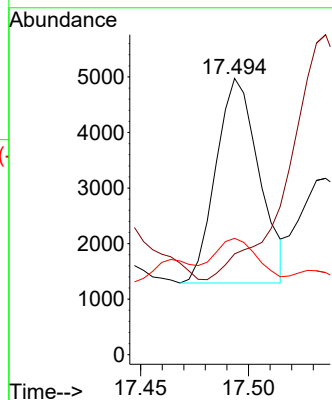
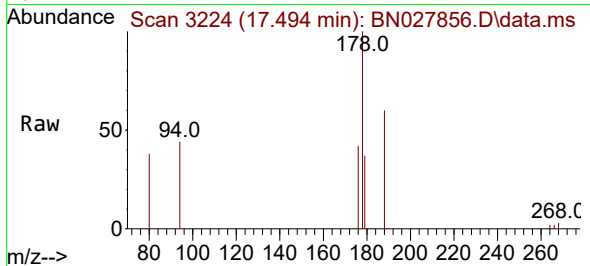




#16
 Anthracene
 Concen: 0.091 ng/ul
 RT: 17.494 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: BN027856.D
 Acq: 26 Sep 2023 11:17

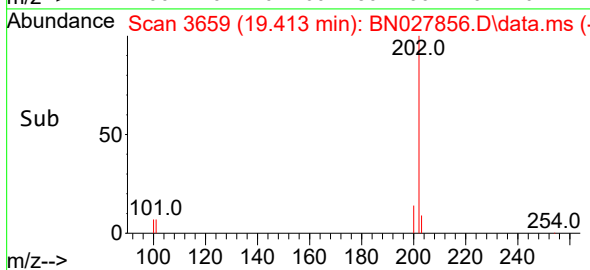
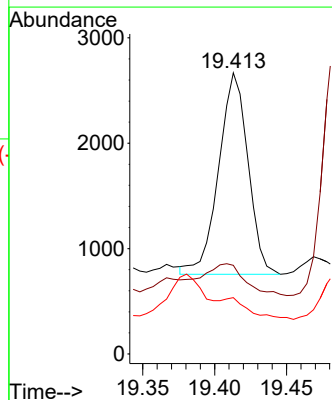
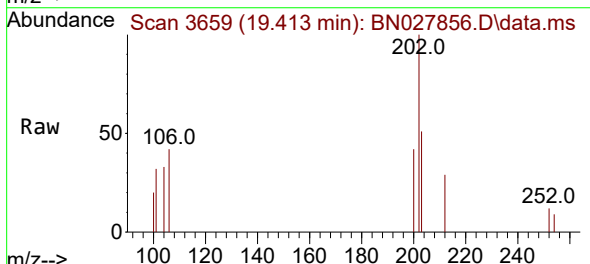
Instrument :
 BNA_N
 ClientSampleId :
 BBK40

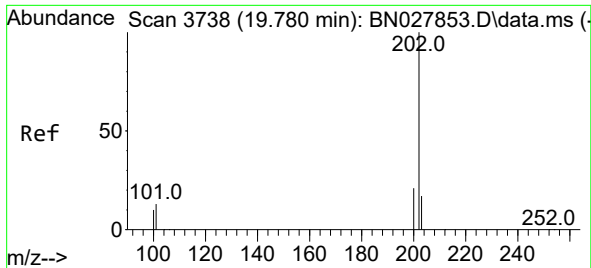
Tgt Ion:178 Resp: 5108
 Ion Ratio Lower Upper
 178 100
 179 36.5 12.6 19.0#
 176 42.1 15.5 23.3#



#19
 Fluoranthene
 Concen: 0.035 ng/ul
 RT: 19.413 min Scan# 3659
 Delta R.T. 0.018 min
 Lab File: BN027856.D
 Acq: 26 Sep 2023 11:17

Tgt Ion:202 Resp: 2712
 Ion Ratio Lower Upper
 202 100
 101 31.5 9.3 13.9#
 100 20.0 7.0 10.4#

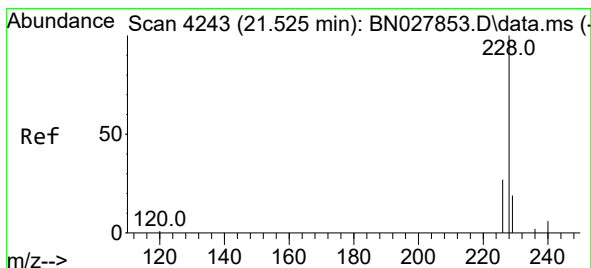
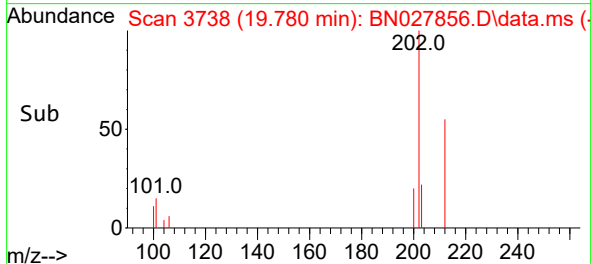
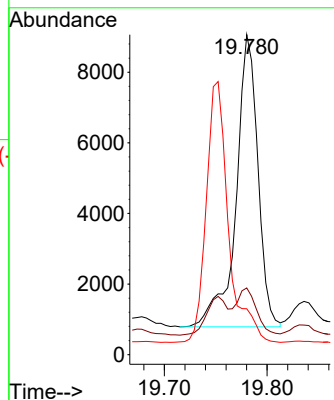
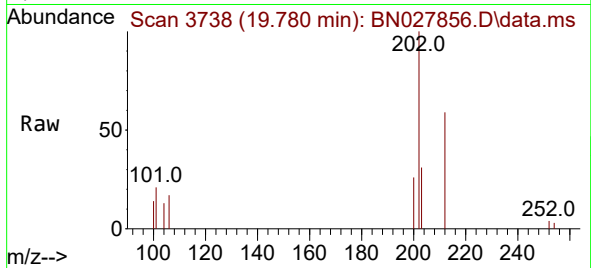




#20
Pyrene
Concen: 0.155 ng/ul
RT: 19.780 min Scan# 31
Delta R.T. 0.018 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

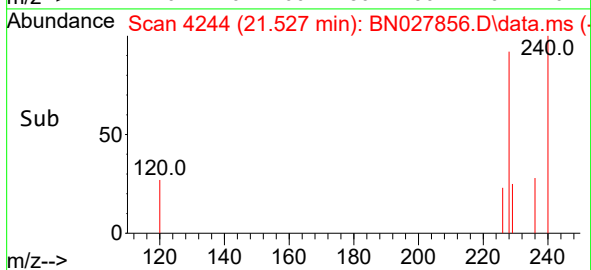
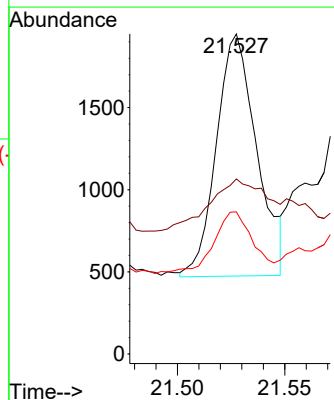
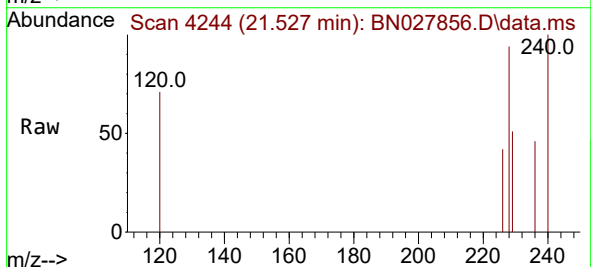
Instrument :
BNA_N
ClientSampleId :
BBK40

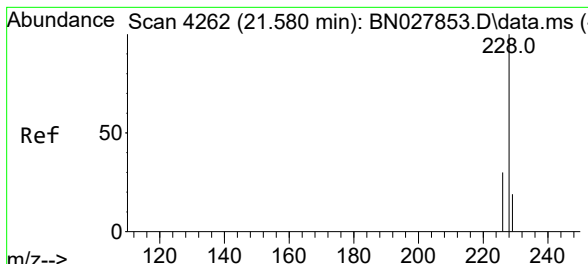
Tgt Ion:202 Resp: 12218
Ion Ratio Lower Upper
202 100
101 20.9 11.4 17.0#
100 14.4 9.1 13.7#



#21
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.527 min Scan# 4244
Delta R.T. 0.024 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

Tgt Ion:228 Resp: 1930
Ion Ratio Lower Upper
228 100
229 54.7 15.8 23.8#
226 44.4 22.0 33.0#





#22

Chrysene

Concen: 0.040 ng/ul

RT: 21.583 min Scan# 41

Delta R.T. 0.024 min

Lab File: BN027856.D

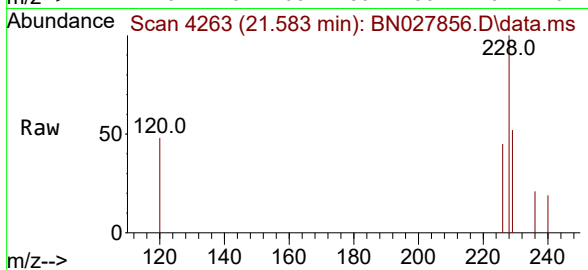
Acq: 26 Sep 2023 11:17

Instrument :

BNA_N

ClientSampleId :

BBK40



Tgt Ion:228 Resp: 2996

Ion Ratio Lower Upper

228 100

226 45.1 24.5 36.7#

229 52.3 16.0 24.0#

