

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027866.D
 Acq On : 26 Sep 2023 17:55
 Operator : MA/JU
 Sample : 04410-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJE9

Quant Time: Sep 27 03:01:06 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)

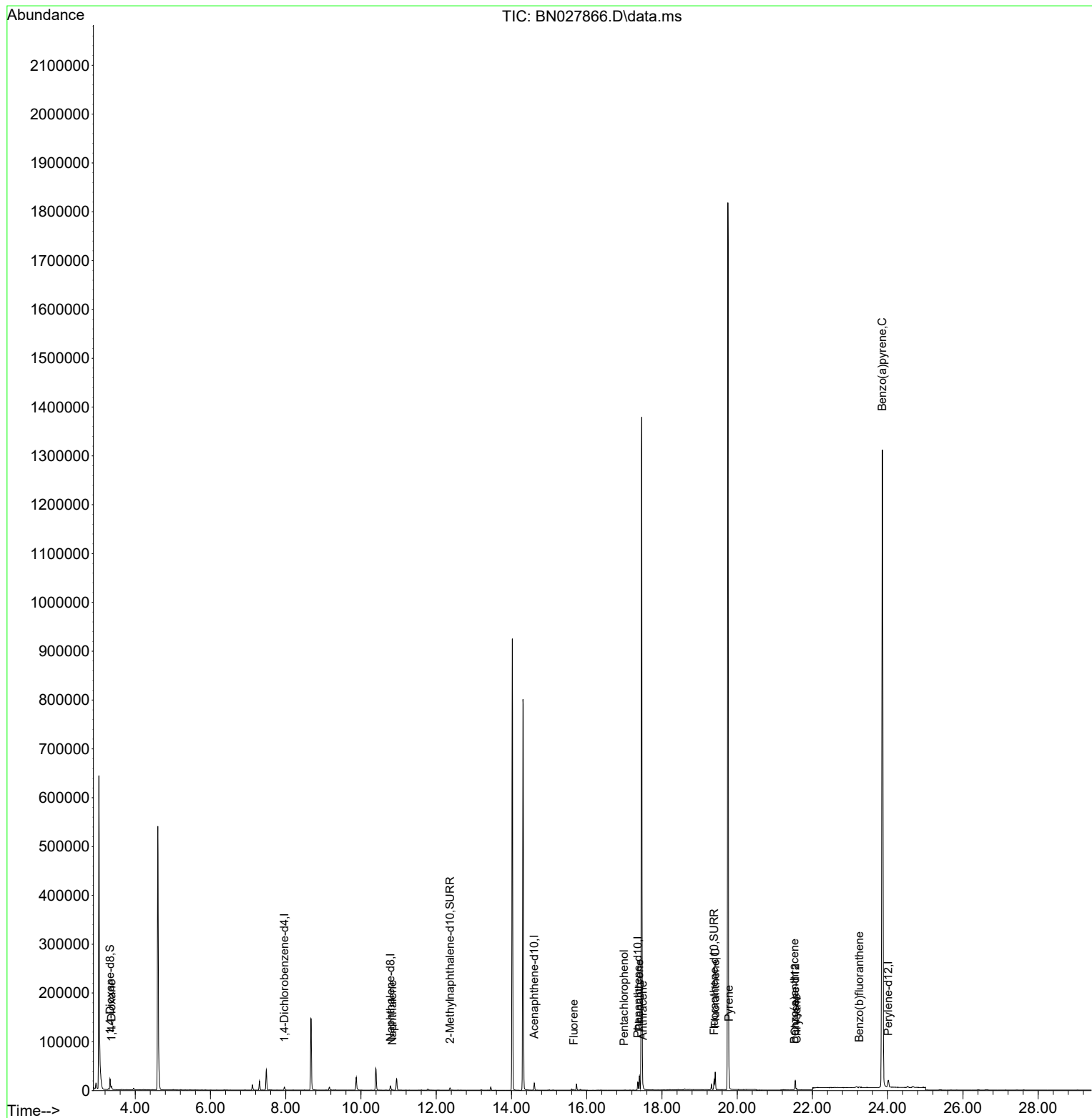
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	3183	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	11587	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7912	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	18688	0.400	ng/ul	0.02
17) Chrysene-d12	21.542	240	17906	0.400	ng/ul	0.02
23) Perylene-d12	24.015	264	21774	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	14451	3.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	6200	0.353	ng/ul	0.01
18) Fluoranthene-d10	19.385	212	21040	0.385	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	4382	1.050	ng/ul#	92
5) Naphthalene	10.834	128	962	0.029	ng/ul#	73
12) Fluorene	15.656	166	820	0.023	ng/ul#	92
14) Pentachlorophenol	16.991	266	140	0.032	ng/ul	91
15) Phenanthrene	17.400	178	30441	0.518	ng/ul	99
16) Anthracene	17.493	178	4363	0.089	ng/ul#	93
19) Fluoranthene	19.417	202	29855	0.412	ng/ul	99
20) Pyrene	19.780	202	27978	0.375	ng/ul	98
21) Benzo(a)anthracene	21.524	228	2289	0.033	ng/ul#	79
22) Chrysene	21.580	228	2518	0.035	ng/ul#	83
24) Benzo(b)fluoranthene	23.249	252	2166	0.022	ng/ul#	1
26) Benzo(a)pyrene	23.857	252	5732	0.073	ng/ul#	51

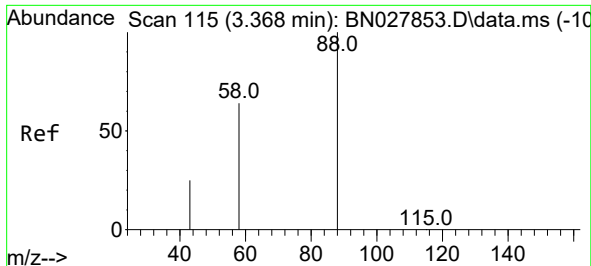
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 27 03:01:06 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

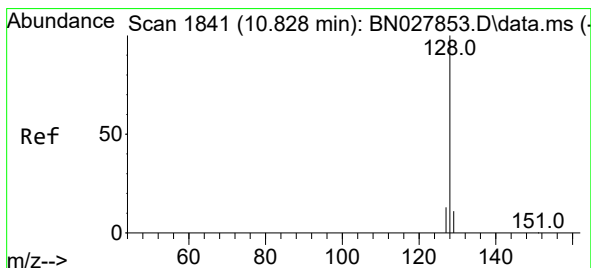
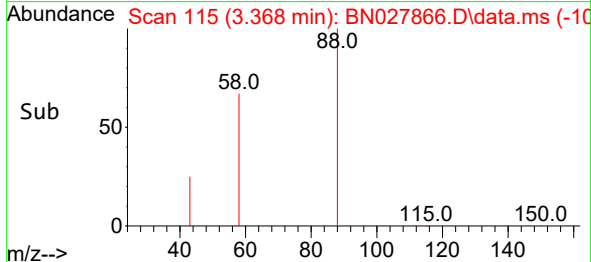
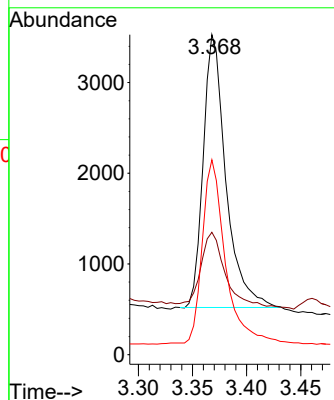
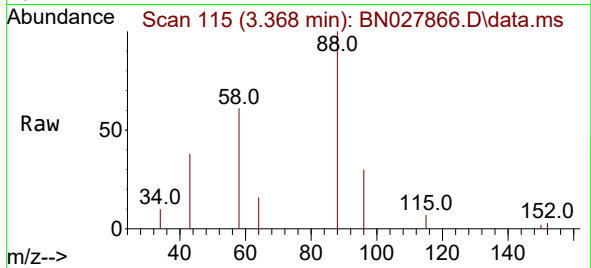




#2
1,4-Dioxane
Concen: 1.050 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.005 min
Lab File: BN027866.D
Acq: 26 Sep 2023 17:55

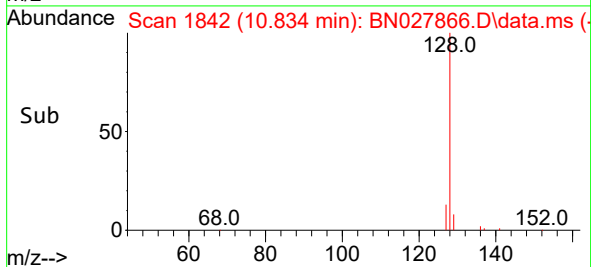
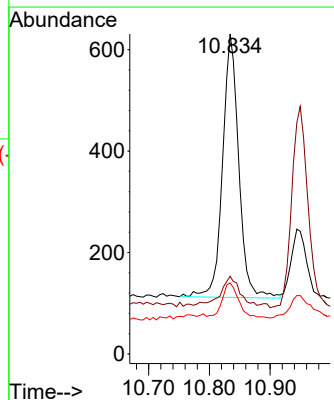
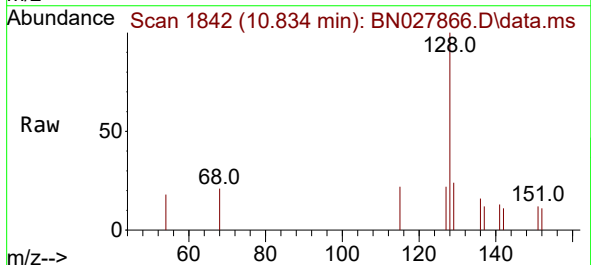
Instrument :
BNA_N
ClientSampleId :
BBJE9

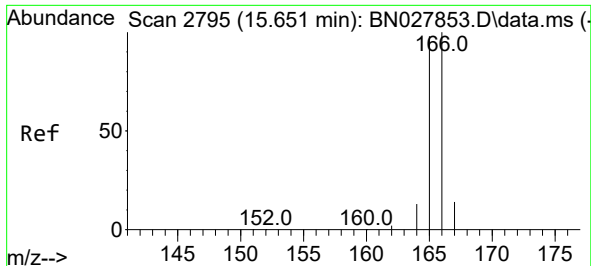
Tgt Ion: 88 Resp: 4382
Ion Ratio Lower Upper
88 100
43 38.2 39.6 59.4#
58 60.9 48.3 72.5



#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027866.D
Acq: 26 Sep 2023 17:55

Tgt Ion:128 Resp: 962
Ion Ratio Lower Upper
128 100
129 24.2 9.3 13.9#
127 22.2 10.7 16.1#

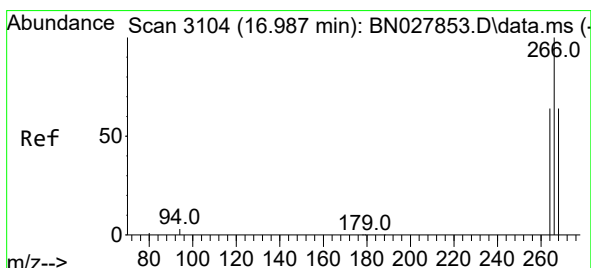
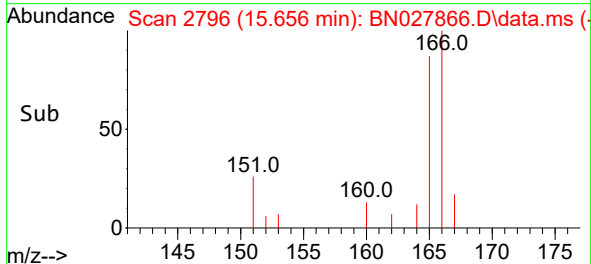
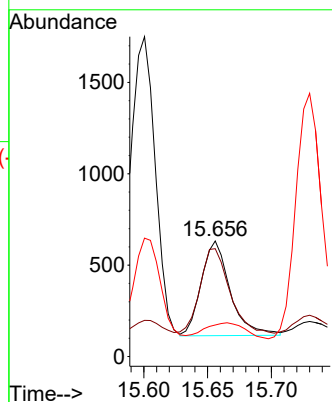
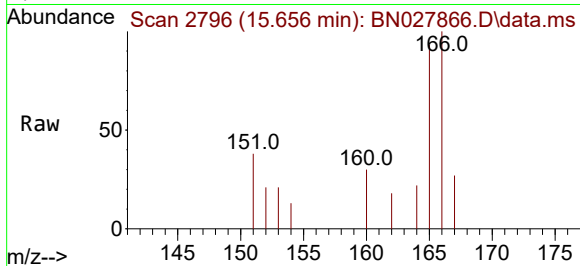




#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.656 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN027866.D
Acq: 26 Sep 2023 17:55

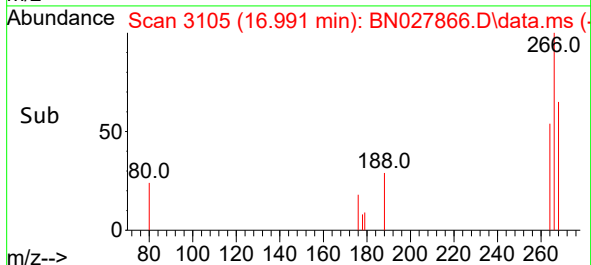
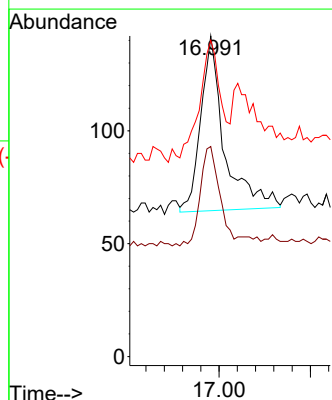
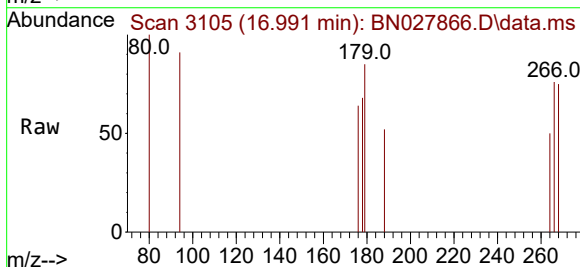
Instrument :
BNA_N
ClientSampleId :
BBJE9

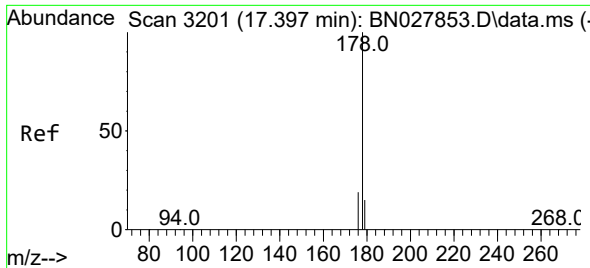
Tgt Ion:166 Resp: 820
Ion Ratio Lower Upper
166 100
165 93.4 78.0 117.0
167 27.4 11.4 17.2#



#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.991 min Scan# 3105
Delta R.T. 0.020 min
Lab File: BN027866.D
Acq: 26 Sep 2023 17:55

Tgt Ion:266 Resp: 140
Ion Ratio Lower Upper
266 100
264 50.7 49.6 74.4
268 65.7 50.7 76.1

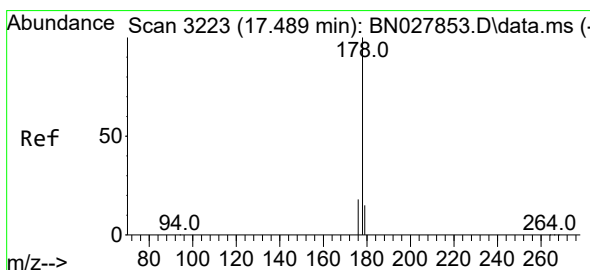
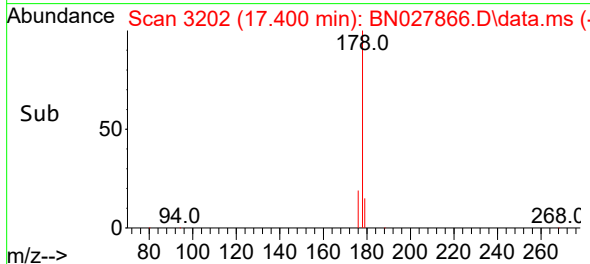
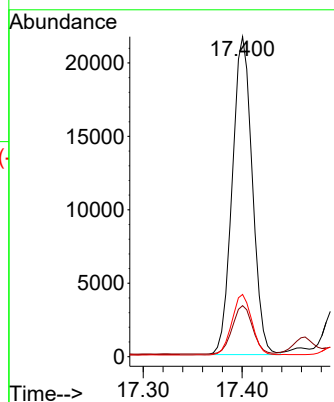
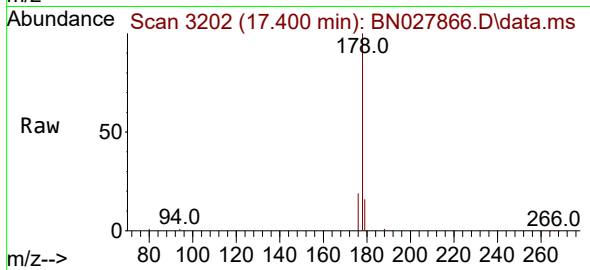




#15
Phenanthrene
Concen: 0.518 ng/ul
RT: 17.400 min Scan# 31
Delta R.T. 0.016 min
Lab File: BN027866.D
Acq: 26 Sep 2023 17:55

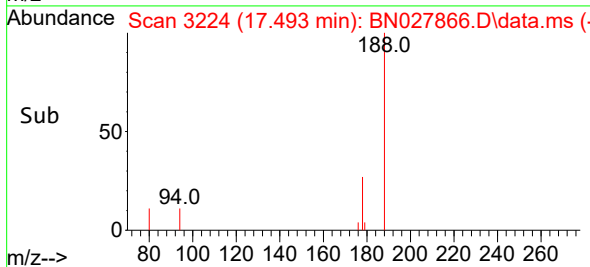
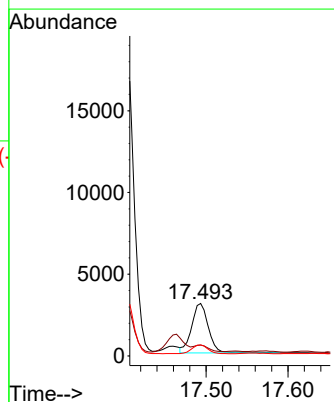
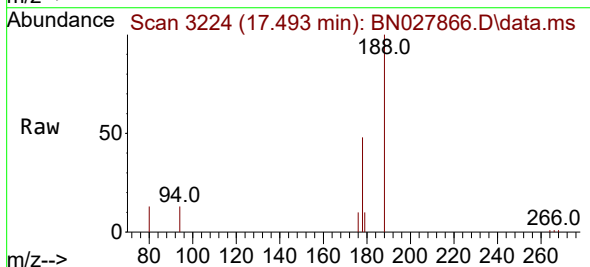
Instrument :
BNA_N
ClientSampleId :
BBJE9

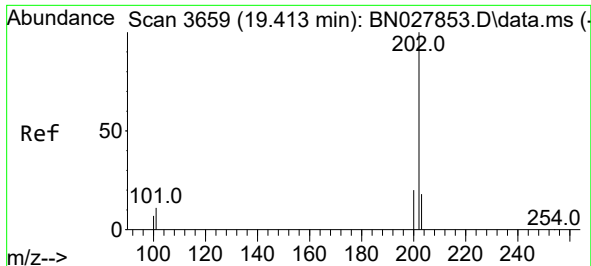
Tgt Ion:178 Resp: 30441
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.4 16.0 24.0



#16
Anthracene
Concen: 0.089 ng/ul
RT: 17.493 min Scan# 3224
Delta R.T. 0.016 min
Lab File: BN027866.D
Acq: 26 Sep 2023 17:55

Tgt Ion:178 Resp: 4363
Ion Ratio Lower Upper
178 100
179 20.8 12.6 19.0#
176 21.1 15.5 23.3

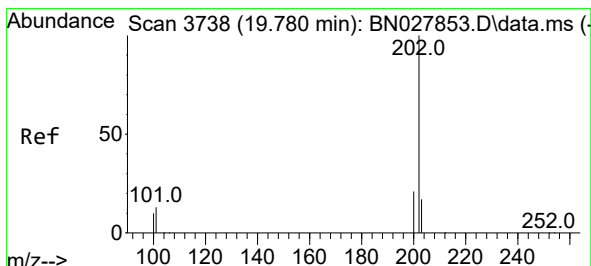
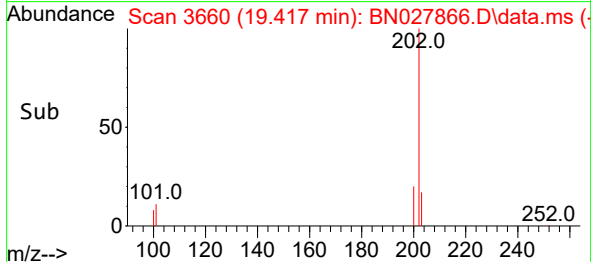
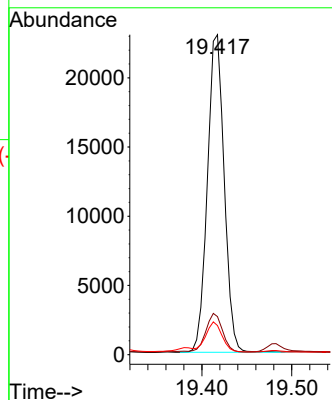
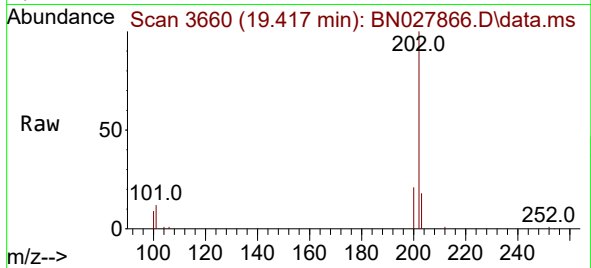




#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.417 min Scan# 3660
Delta R.T. 0.022 min
Lab File: BN027866.D
Acq: 26 Sep 2023 17:55

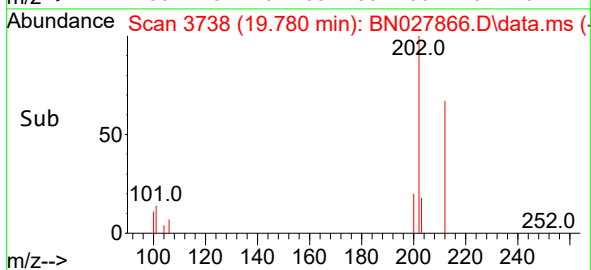
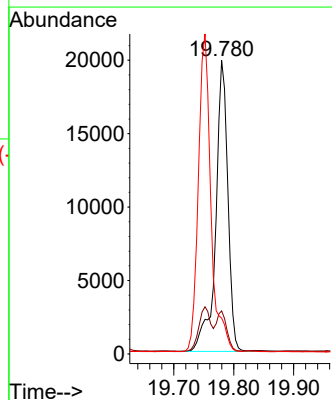
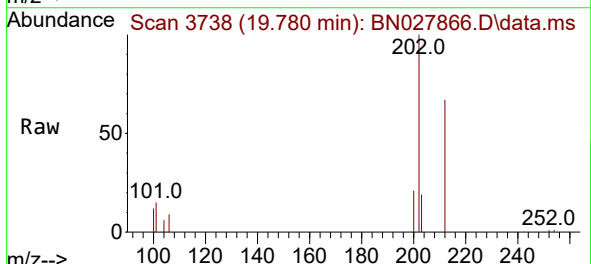
Instrument :
BNA_N
ClientSampleId :
BBJE9

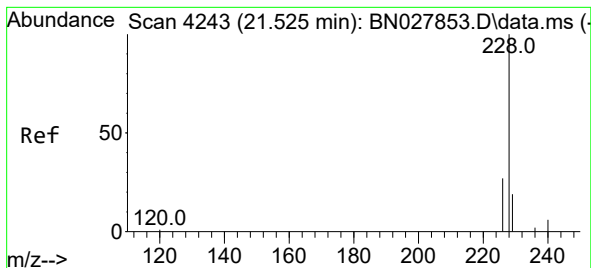
Tgt Ion:202 Resp: 29855
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 9.1 7.0 10.4



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.017 min
Lab File: BN027866.D
Acq: 26 Sep 2023 17:55

Tgt Ion:202 Resp: 27978
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 12.2 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.033 ng/ul

RT: 21.524 min Scan# 4243

Delta R.T. 0.021 min

Lab File: BN027866.D

Acq: 26 Sep 2023 17:55

Instrument :

BNA_N

ClientSampleId :

BBJE9

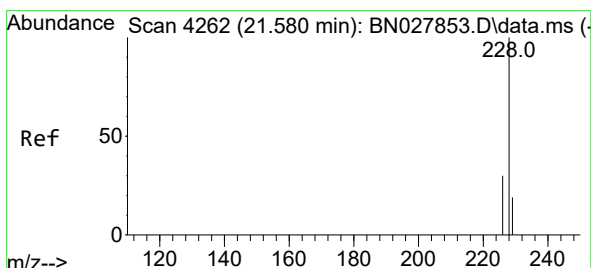
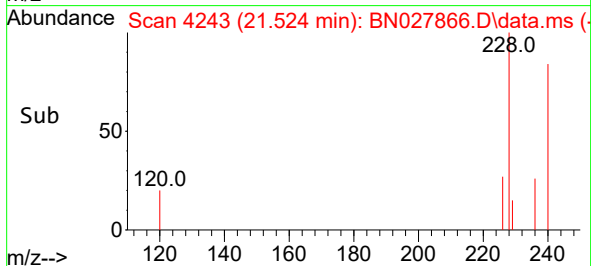
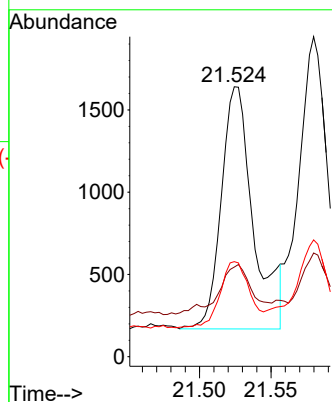
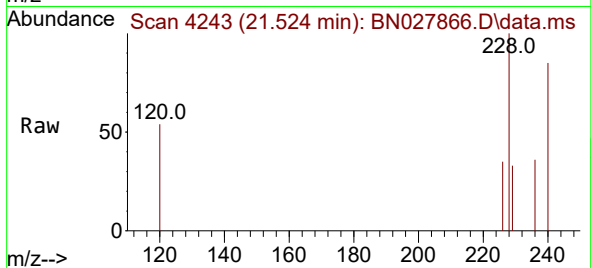
Tgt Ion:228 Resp: 2289

Ion Ratio Lower Upper

228 100

229 33.2 15.8 23.8#

226 35.2 22.0 33.0#



#22

Chrysene

Concen: 0.035 ng/ul

RT: 21.580 min Scan# 4262

Delta R.T. 0.021 min

Lab File: BN027866.D

Acq: 26 Sep 2023 17:55

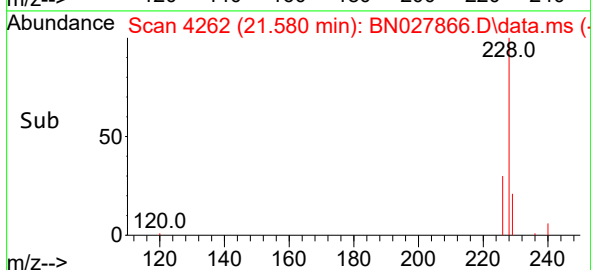
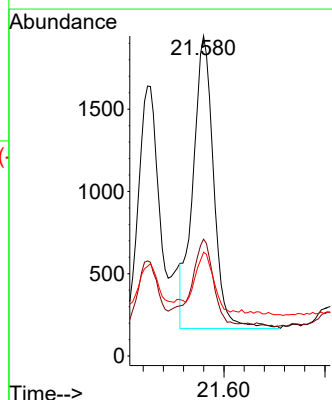
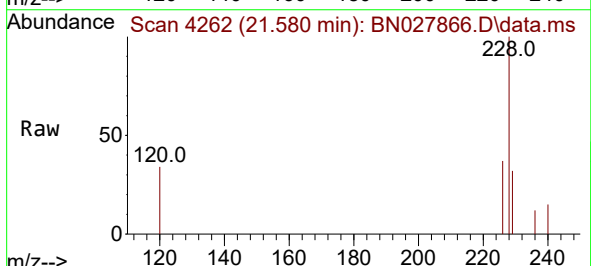
Tgt Ion:228 Resp: 2518

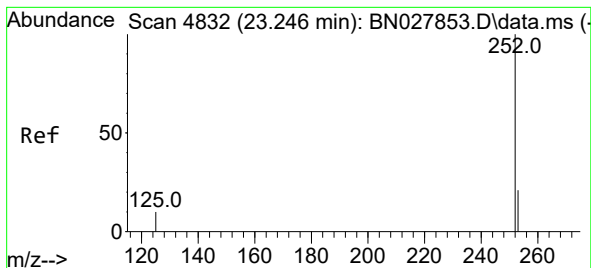
Ion Ratio Lower Upper

228 100

226 36.5 24.5 36.7

229 32.4 16.0 24.0#





#24

Benzo(b)fluoranthene

Concen: 0.022 ng/ul

RT: 23.249 min Scan# 41

Delta R.T. 0.009 min

Lab File: BN027866.D

Acq: 26 Sep 2023 17:55

Instrument :

BNA_N

ClientSampleId :

BBJE9

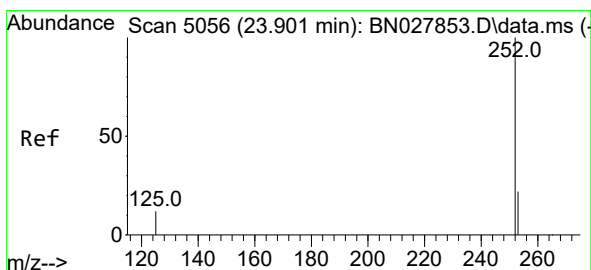
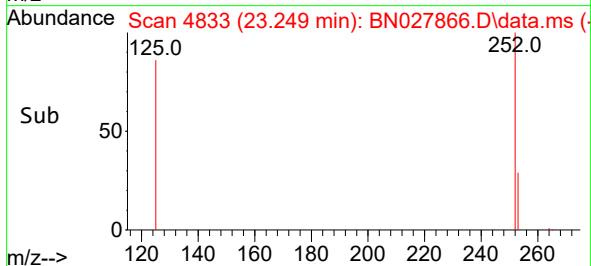
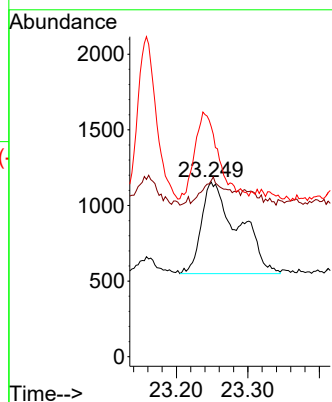
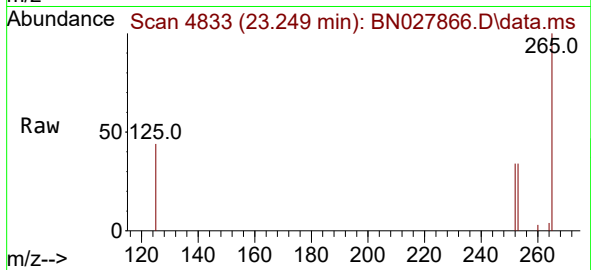
Tgt Ion:252 Resp: 2166

Ion Ratio Lower Upper

252 100

253 101.0 0.0 50.2#

125 131.8 0.0 31.4#



#26

Benzo(a)pyrene

Concen: 0.073 ng/ul

RT: 23.857 min Scan# 5041

Delta R.T. -0.044 min

Lab File: BN027866.D

Acq: 26 Sep 2023 17:55

Tgt Ion:252 Resp: 5732

Ion Ratio Lower Upper

252 100

253 50.8 21.9 32.9#

125 44.1 15.5 23.3#

