

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028555.D
 Acq On : 10 Nov 2023 13:45
 Operator : MA/JU
 Sample : 05044-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHEG4

Quant Time: Nov 10 23:27:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

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

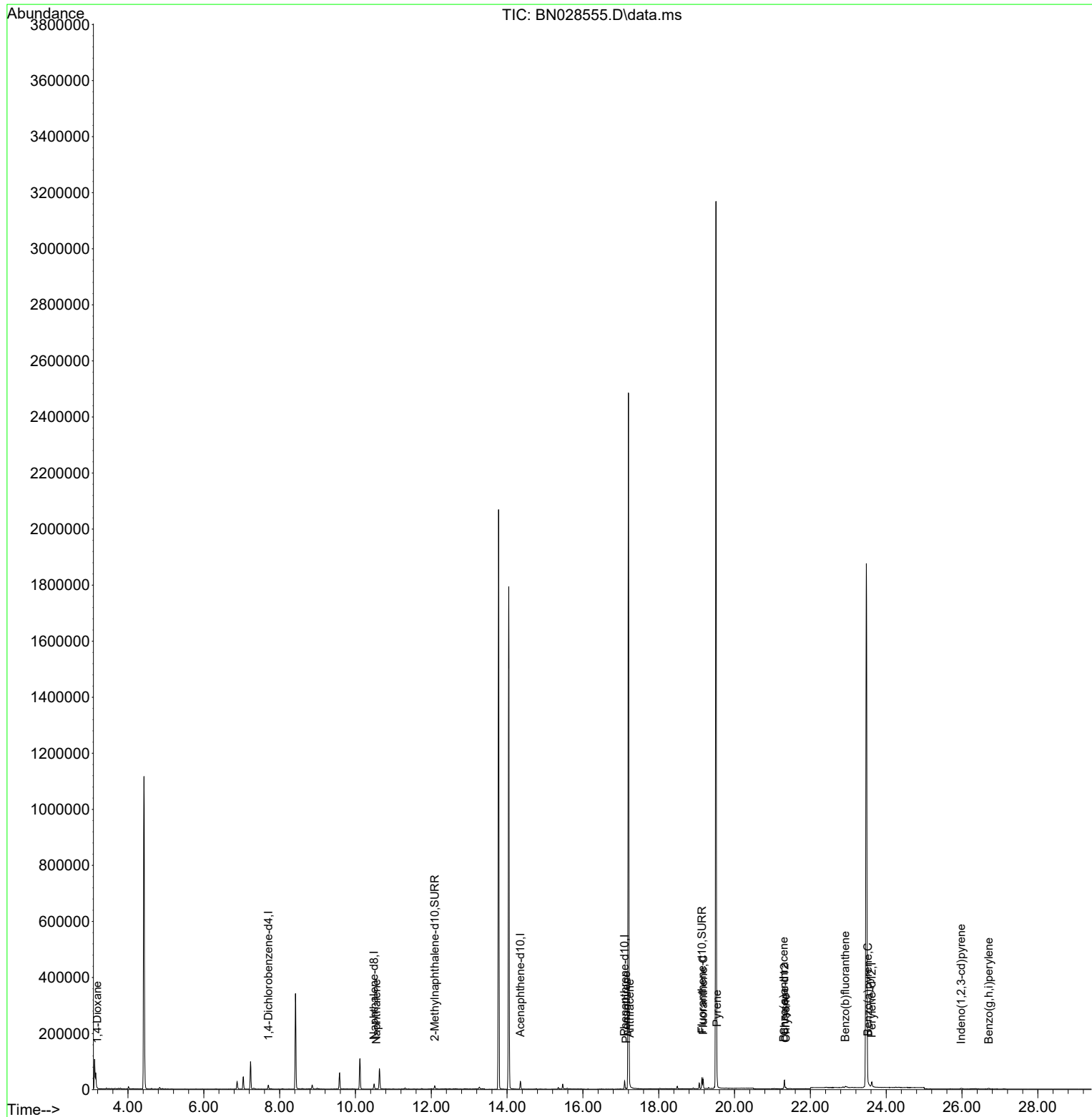
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	6877	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	23325	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.350	164	14929	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.100	188	32989	0.400	ng/ul	0.00
17) Chrysene-d12	21.316	240	25897	0.400	ng/ul	0.00
23) Perylene-d12	23.619	264	26672	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.091	152	14043	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.142	212	41849	0.502	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.189	88	1657	0.197	ng/ul#	74
5) Naphthalene	10.551	128	1798	0.028	ng/ul#	34
15) Phenanthrene	17.142	178	3853	0.038	ng/ul#	80
16) Anthracene	17.235	178	4560	0.049	ng/ul#	83
19) Fluoranthene	19.170	202	28959	0.263	ng/ul	99
20) Pyrene	19.537	202	33890	0.297	ng/ul	99
21) Benzo(a)anthracene	21.298	228	4966	0.048	ng/ul#	76
22) Chrysene	21.351	228	5928	0.059	ng/ul#	76
24) Benzo(b)fluoranthene	22.923	252	9295	0.093	ng/ul#	45
26) Benzo(a)pyrene	23.519	252	4581	0.048	ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	25.977	276	3596	0.034	ng/ul#	97
29) Benzo(g,h,i)perylene	26.705	276	5078	0.059	ng/ul#	71

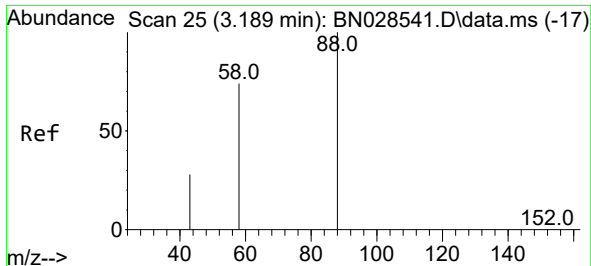
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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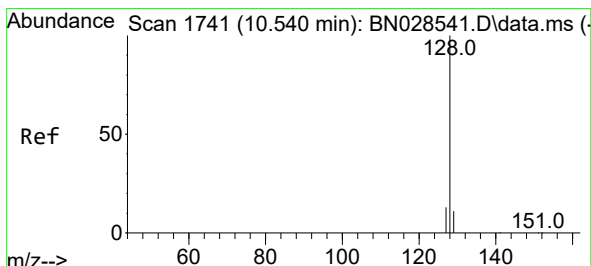
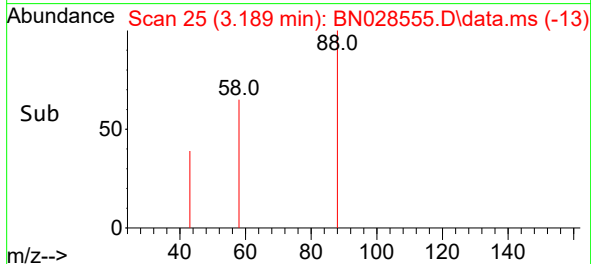
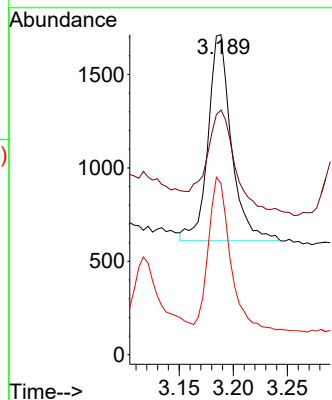
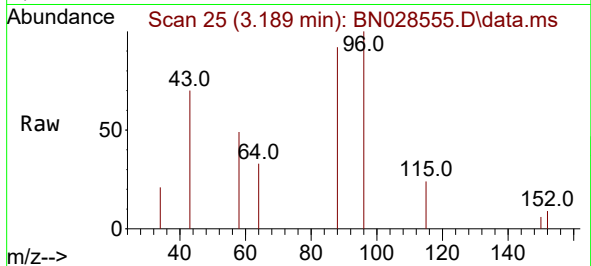




#2
1,4-Dioxane
Concen: 0.197 ng/ul
RT: 3.189 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028555.D
Acq: 10 Nov 2023 13:45

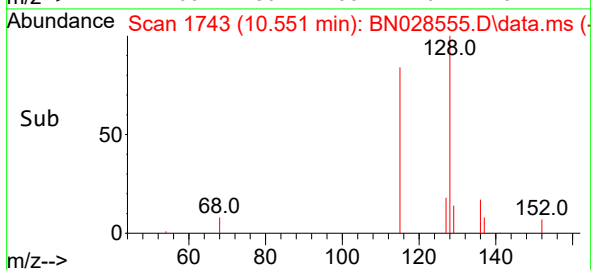
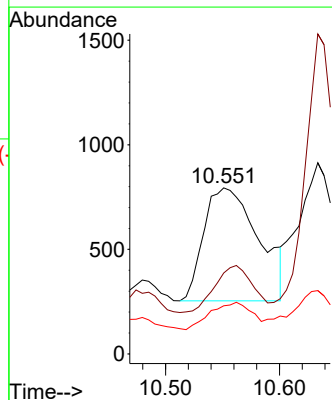
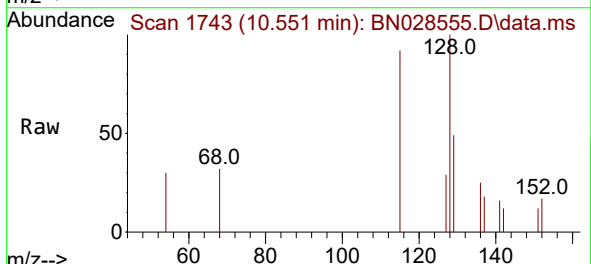
Instrument :
BNA_N
ClientSampleId :
BHEG4

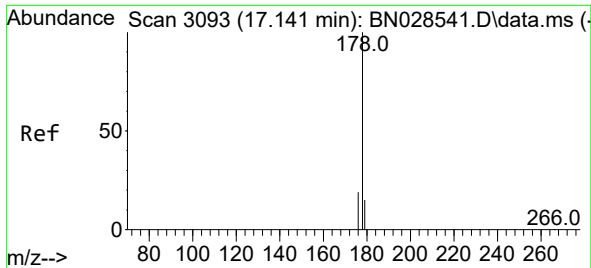
Tgt Ion: 88 Resp: 1657
Ion Ratio Lower Upper
88 100
43 76.5 32.9 49.3#
58 53.5 41.8 62.8



#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.551 min Scan# 1743
Delta R.T. 0.007 min
Lab File: BN028555.D
Acq: 10 Nov 2023 13:45

Tgt Ion: 128 Resp: 1798
Ion Ratio Lower Upper
128 100
129 48.7 9.2 13.8#
127 29.0 10.7 16.1#

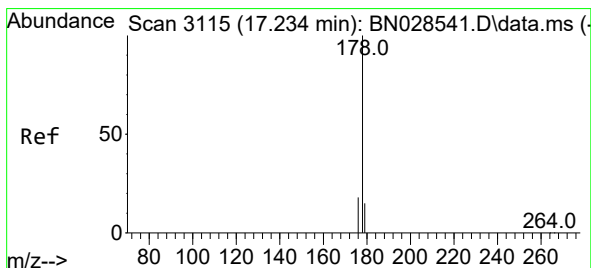
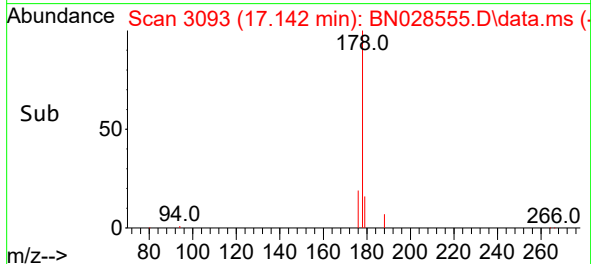
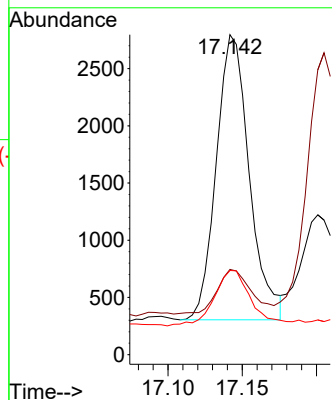
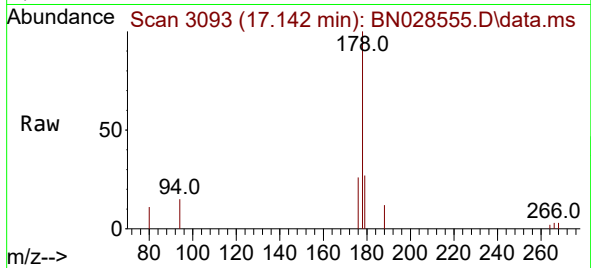




#15
Phenanthrene
Concen: 0.038 ng/ul
RT: 17.142 min Scan# 3093
Delta R.T. -0.002 min
Lab File: BN028555.D
Acq: 10 Nov 2023 13:45

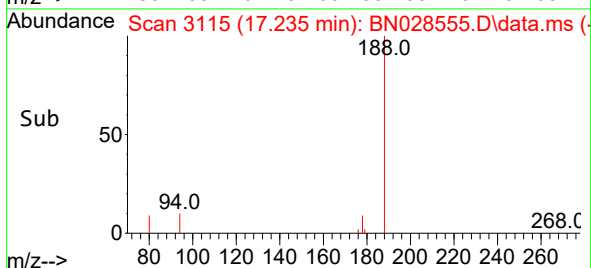
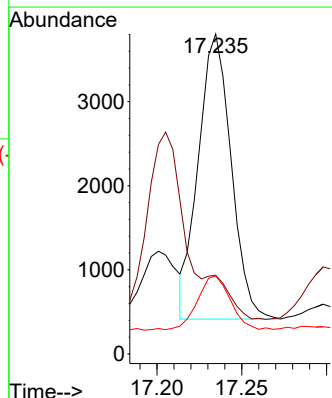
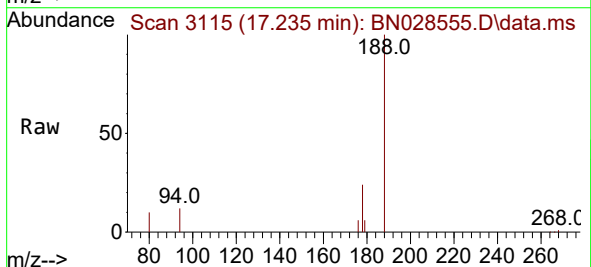
Instrument :
BNA_N
ClientSampleId :
BHEG4

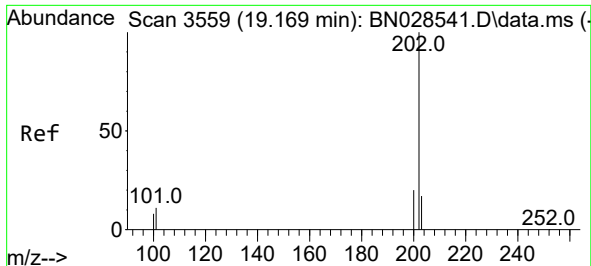
Tgt Ion:178 Resp: 3853
Ion Ratio Lower Upper
178 100
179 26.7 12.4 18.6#
176 26.3 15.4 23.2#



#16
Anthracene
Concen: 0.049 ng/ul
RT: 17.235 min Scan# 3115
Delta R.T. -0.002 min
Lab File: BN028555.D
Acq: 10 Nov 2023 13:45

Tgt Ion:178 Resp: 4560
Ion Ratio Lower Upper
178 100
179 24.6 12.6 18.8#
176 24.4 14.9 22.3#

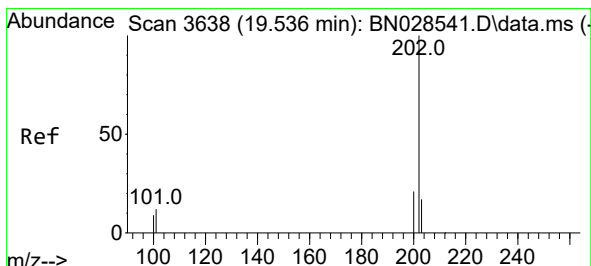
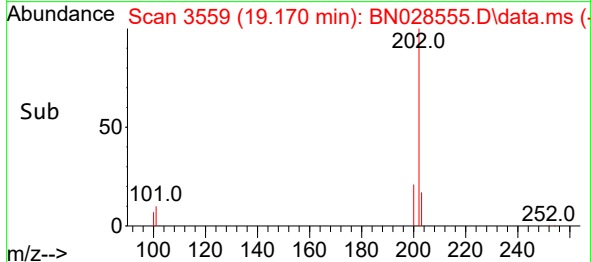
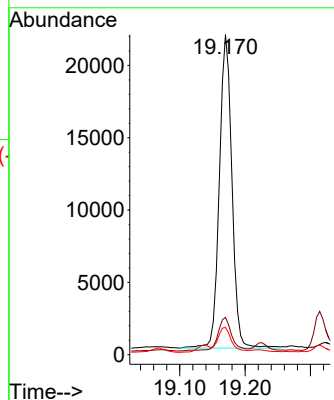
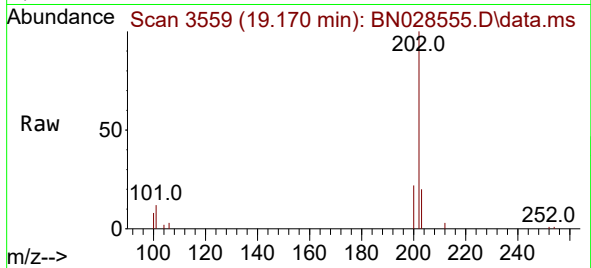




#19
Fluoranthene
Concen: 0.263 ng/ul
RT: 19.170 min Scan# 3559
Delta R.T. -0.002 min
Lab File: BN028555.D
Acq: 10 Nov 2023 13:45

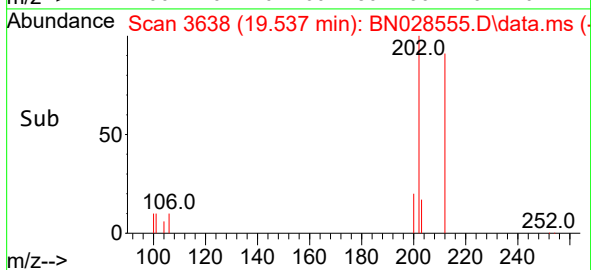
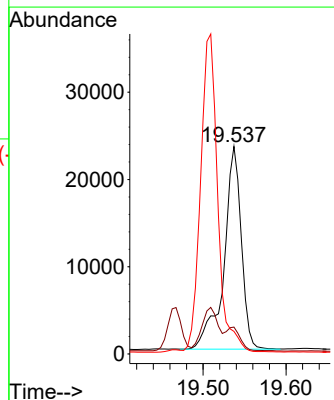
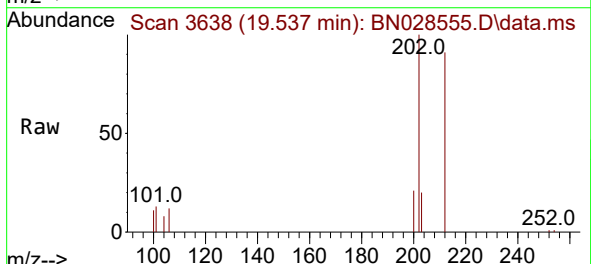
Instrument :
BNA_N
ClientSampleId :
BHEG4

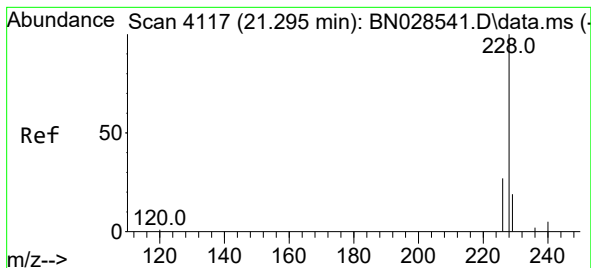
Tgt Ion:202 Resp: 28959
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 8.5 7.2 10.8



#20
Pyrene
Concen: 0.297 ng/ul
RT: 19.537 min Scan# 3638
Delta R.T. -0.002 min
Lab File: BN028555.D
Acq: 10 Nov 2023 13:45

Tgt Ion:202 Resp: 33890
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 10.9 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.048 ng/ul

RT: 21.298 min Scan# 4117

Delta R.T. -0.005 min

Lab File: BN028555.D

Acq: 10 Nov 2023 13:45

Instrument :

BNA_N

ClientSampleId :

BHEG4

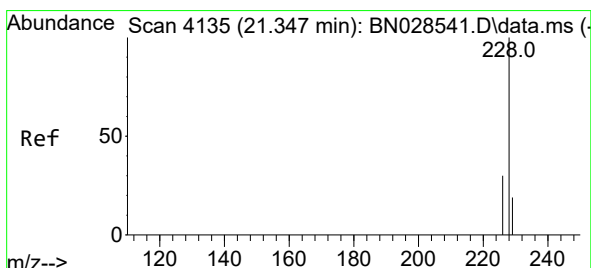
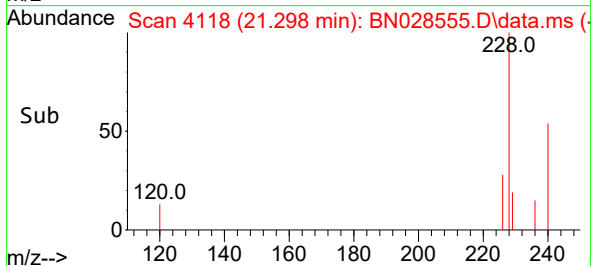
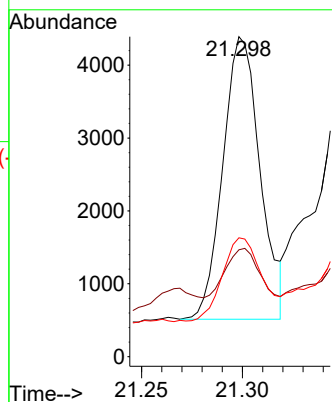
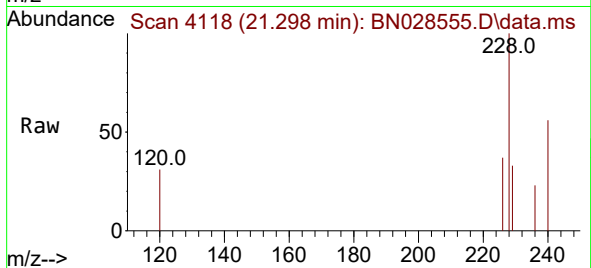
Tgt Ion:228 Resp: 4966

Ion Ratio Lower Upper

228 100

229 33.4 15.7 23.5#

226 37.1 21.4 32.0#



#22

Chrysene

Concen: 0.059 ng/ul

RT: 21.351 min Scan# 4136

Delta R.T. -0.005 min

Lab File: BN028555.D

Acq: 10 Nov 2023 13:45

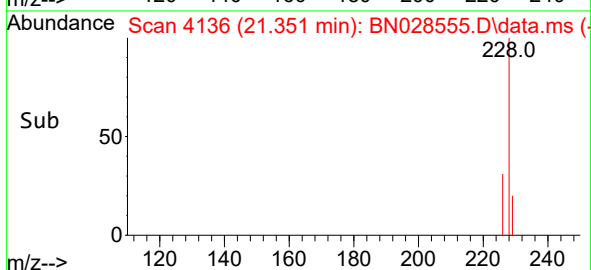
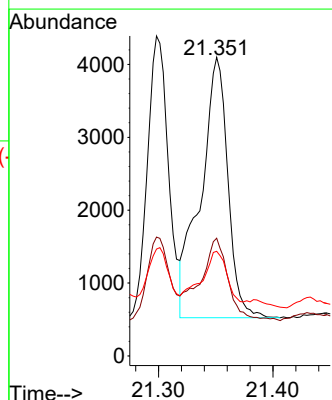
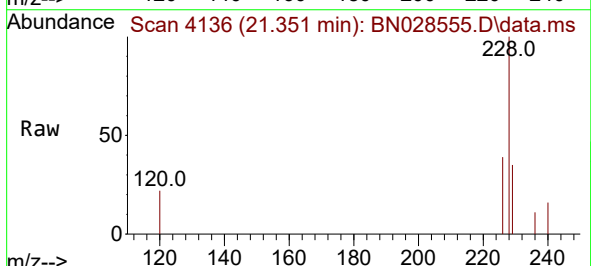
Tgt Ion:228 Resp: 5928

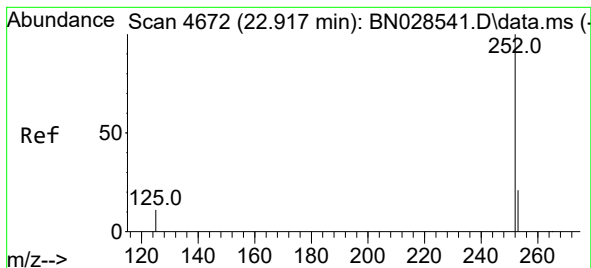
Ion Ratio Lower Upper

228 100

226 39.4 23.8 35.8#

229 35.0 15.4 23.2#





#24

Benzo(b)fluoranthene

Concen: 0.093 ng/ul

RT: 22.923 min Scan# 4672

Delta R.T. -0.005 min

Lab File: BN028555.D

Acq: 10 Nov 2023 13:45

Instrument :

BNA_N

ClientSampleId :

BHEG4

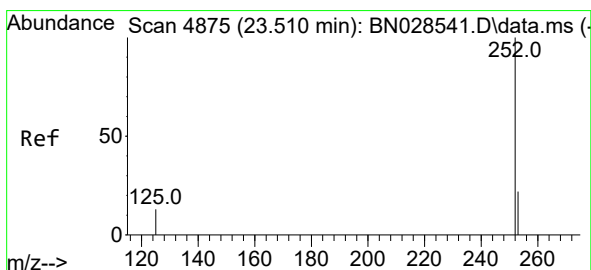
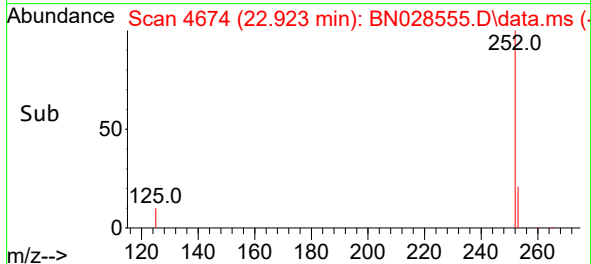
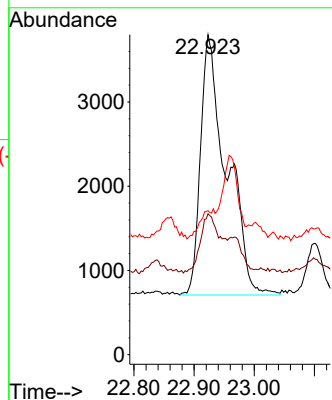
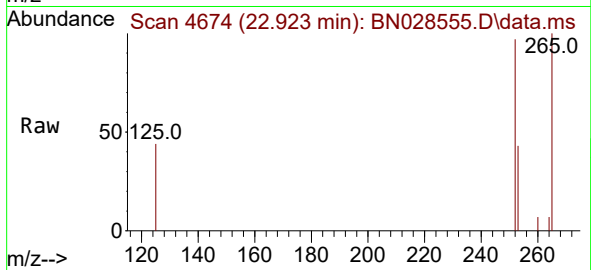
Tgt Ion:252 Resp: 9295

Ion Ratio Lower Upper

252 100

253 44.0 0.0 46.6

125 45.0 0.0 27.6#



#26

Benzo(a)pyrene

Concen: 0.048 ng/ul

RT: 23.519 min Scan# 4878

Delta R.T. -0.005 min

Lab File: BN028555.D

Acq: 10 Nov 2023 13:45

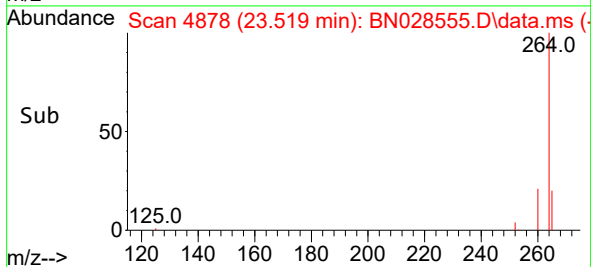
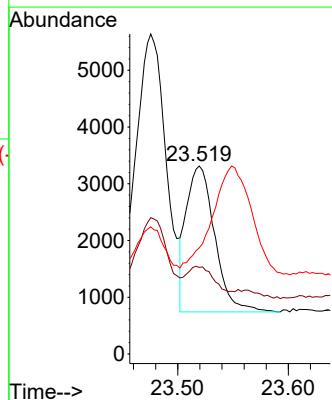
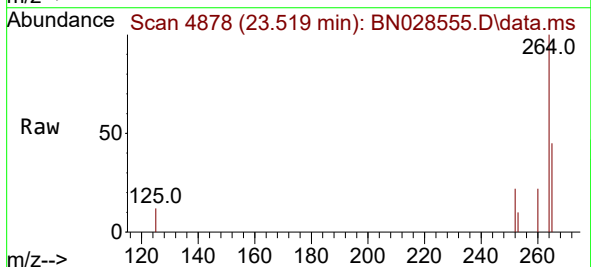
Tgt Ion:252 Resp: 4581

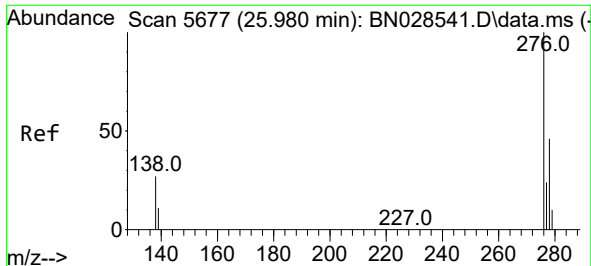
Ion Ratio Lower Upper

252 100

253 46.0 19.0 28.6#

125 56.4 13.2 19.8#

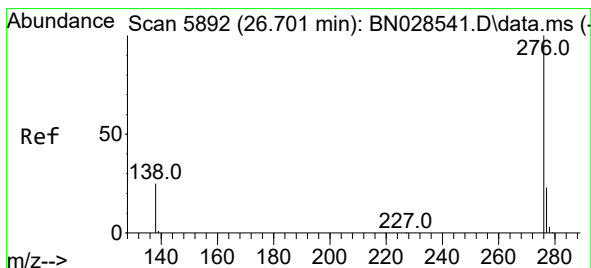
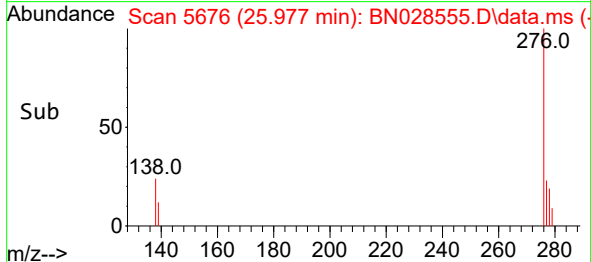
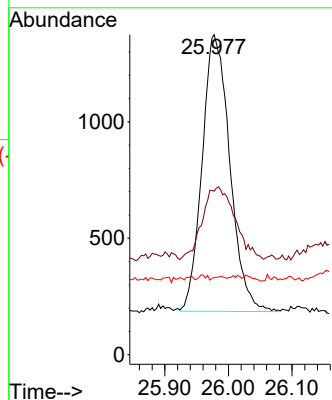
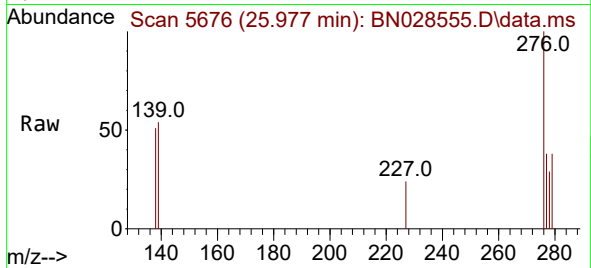




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 25.977 min Scan# 5676
Delta R.T. -0.016 min
Lab File: BN028555.D
Acq: 10 Nov 2023 13:45

Instrument :
BNA_N
ClientSampleId :
BHEG4

Tgt Ion:276 Resp: 3596
Ion Ratio Lower Upper
276 100
138 31.1 23.8 35.6
227 0.2 0.1 0.1#



#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.705 min Scan# 5893
Delta R.T. -0.013 min
Lab File: BN028555.D
Acq: 10 Nov 2023 13:45

Tgt Ion:276 Resp: 5078
Ion Ratio Lower Upper
276 100
138 43.4 20.5 30.7#
277 35.1 19.4 29.0#

