

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028547.D
 Acq On : 10 Nov 2023 08:57
 Operator : MA/JU
 Sample : 05044-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHEE3MSD

Quant Time: Nov 10 23:25:56 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

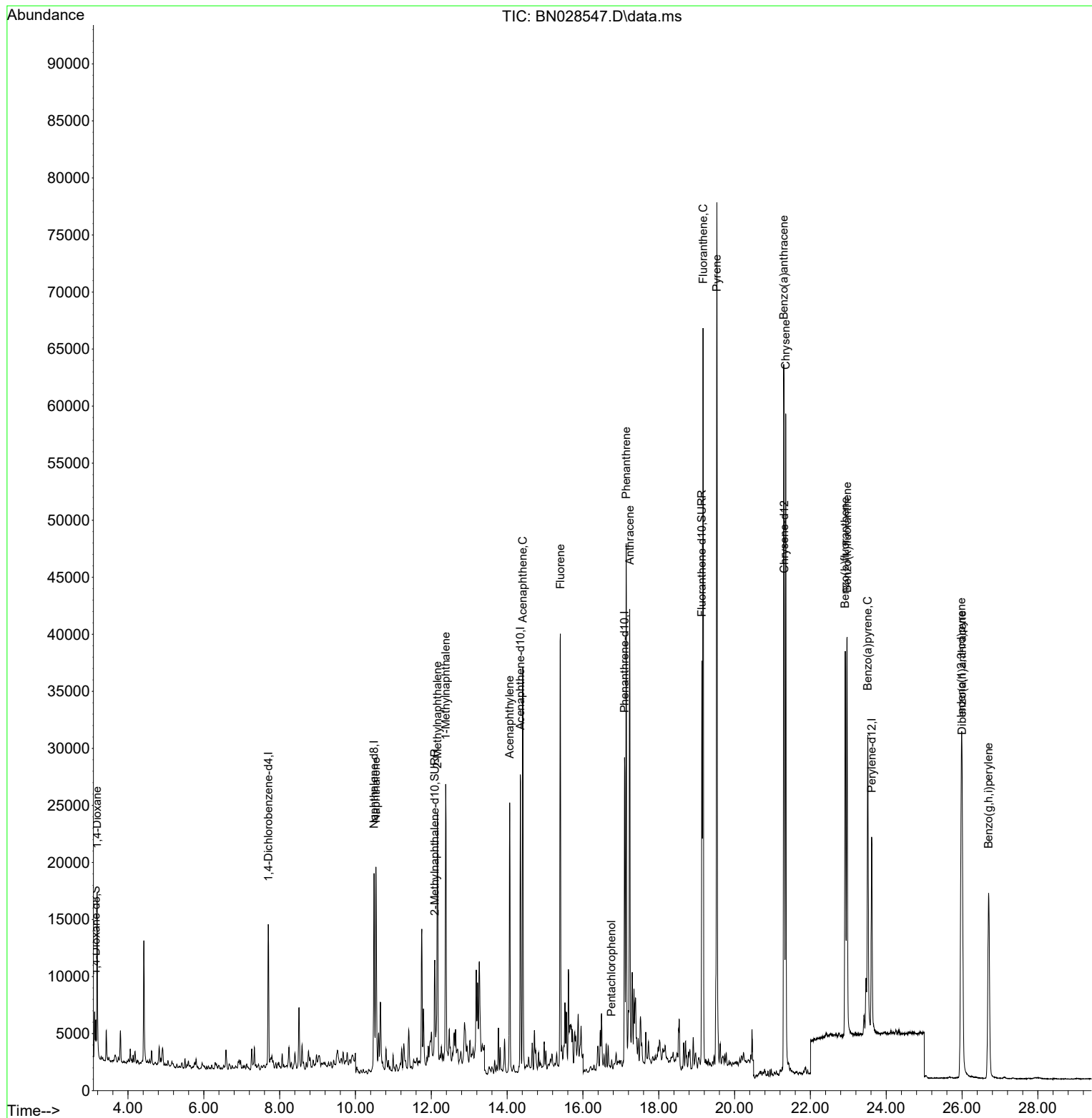
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	6484	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	21719	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	13658	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	30461	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	24769	0.400	ng/ul	0.00
23) Perylene-d12	23.618	264	23204	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	2070	0.289	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	11491	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	38370	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.185	88	9161	1.157	ng/ul#	84
5) Naphthalene	10.540	128	22806	0.375	ng/ul	97
7) 2-Methylnaphthalene	12.163	142	15104	0.377	ng/ul	97
8) 1-Methylnaphthalene	12.383	142	15989	0.393	ng/ul	98
10) Acenaphthylene	14.067	152	26266	0.385	ng/ul	97
11) Acenaphthene	14.414	153	19591	0.391	ng/ul	98
12) Fluorene	15.404	166	24038	0.412	ng/ul	99
14) Pentachlorophenol	16.753	266	168	0.023	ng/ul#	85
15) Phenanthrene	17.141	178	46593	0.498	ng/ul	99
16) Anthracene	17.234	178	41573	0.484	ng/ul	98
19) Fluoranthene	19.169	202	54085	0.513	ng/ul	98
20) Pyrene	19.532	202	63383	0.581	ng/ul	98
21) Benzo(a)anthracene	21.298	228	49186	0.502	ng/ul	99
22) Chrysene	21.347	228	49156	0.513	ng/ul	99
24) Benzo(b)fluoranthene	22.917	252	43641	0.501	ng/ul	100
25) Benzo(k)fluoranthene	22.966	252	44490	0.488	ng/ul	98
26) Benzo(a)pyrene	23.513	252	39054	0.475	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.980	276	42115	0.462	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.003	278	34324	0.471	ng/ul	98
29) Benzo(g,h,i)perylene	26.701	276	34356	0.459	ng/ul	99

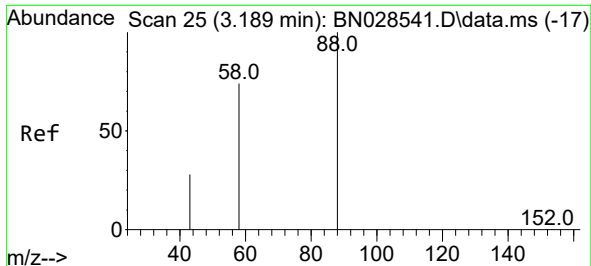
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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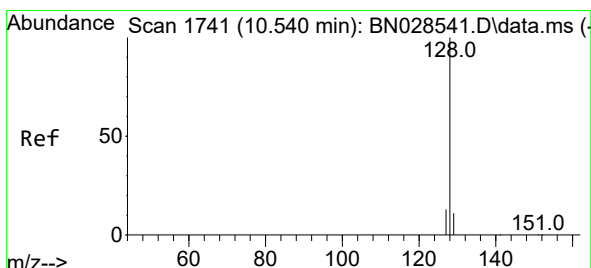
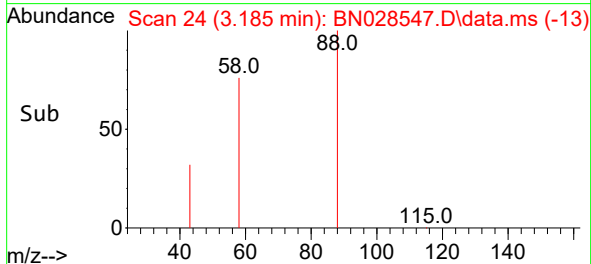
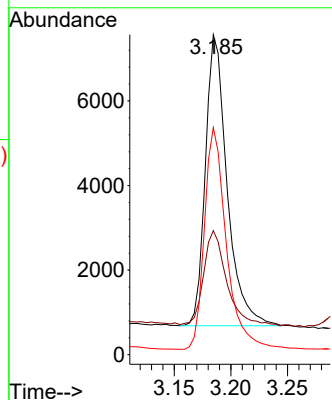
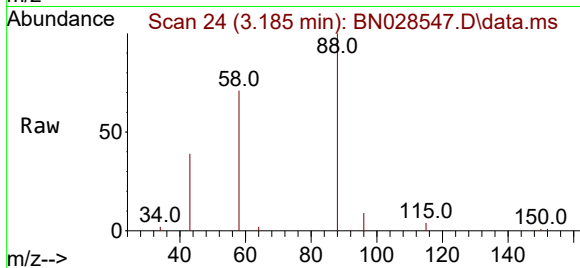




#2
1,4-Dioxane
Concen: 1.157 ng/ul
RT: 3.185 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

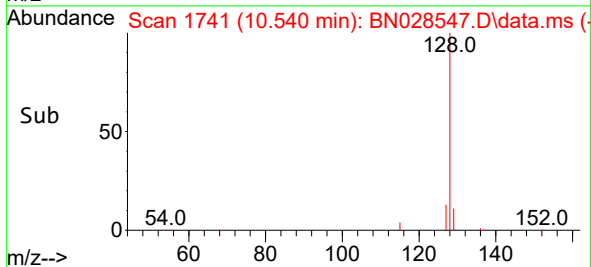
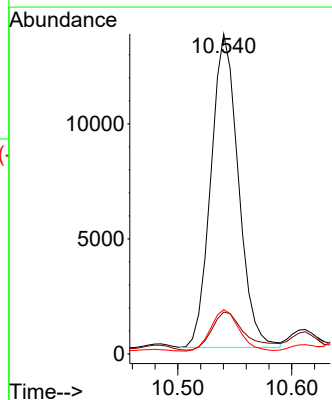
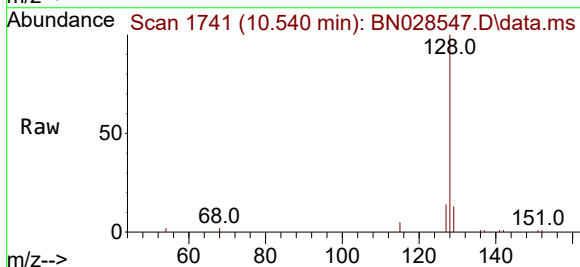
Instrument :
BNA_N
ClientSampleId :
BHEE3MSD

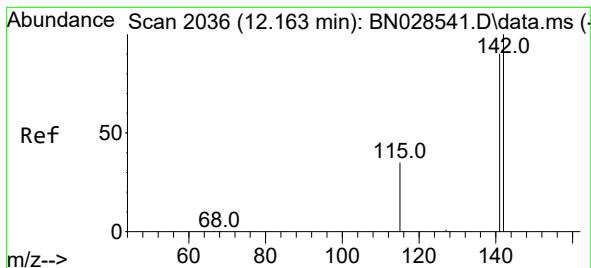
Tgt Ion: 88 Resp: 9161
Ion Ratio Lower Upper
88 100
43 38.8 32.9 49.3
58 70.9 41.8 62.8#



#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion: 128 Resp: 22806
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 13.8 10.7 16.1

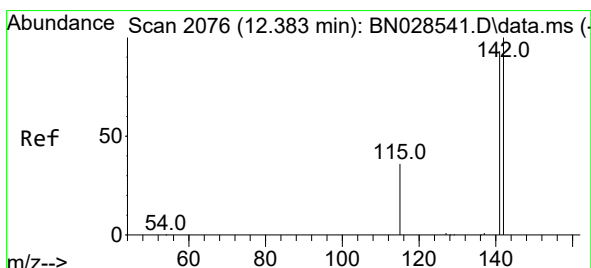
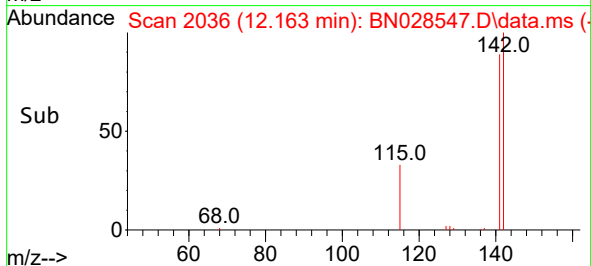
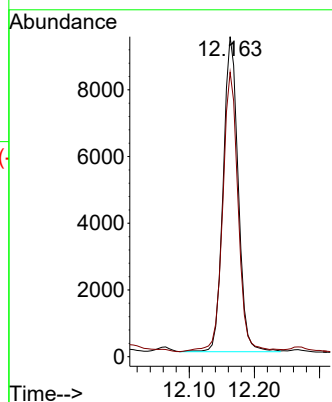
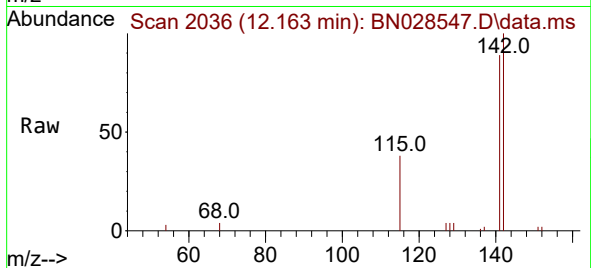




#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.163 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

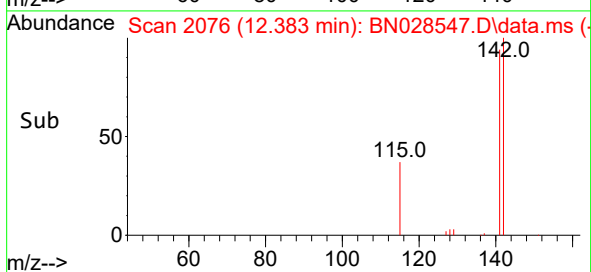
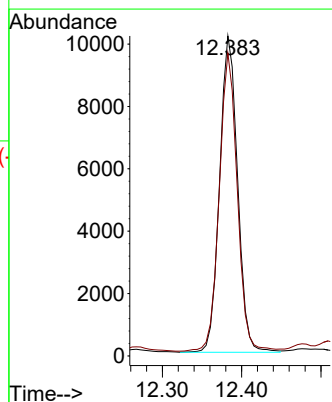
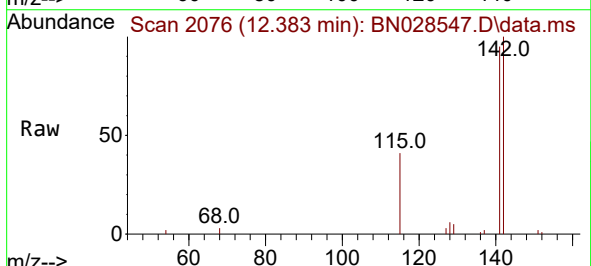
Instrument :
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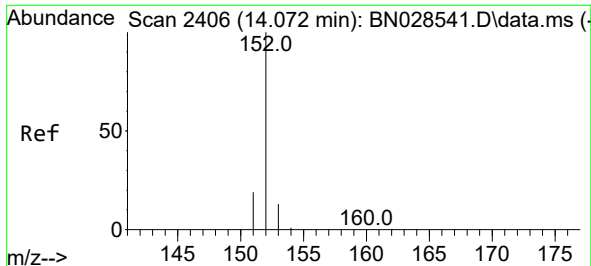
Tgt Ion:142 Resp: 15104
Ion Ratio Lower Upper
142 100
141 91.3 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.383 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion:142 Resp: 15989
Ion Ratio Lower Upper
142 100
141 94.4 74.1 111.1

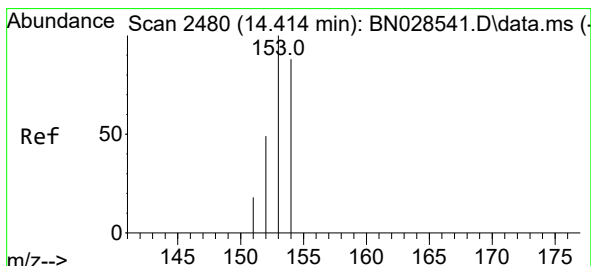
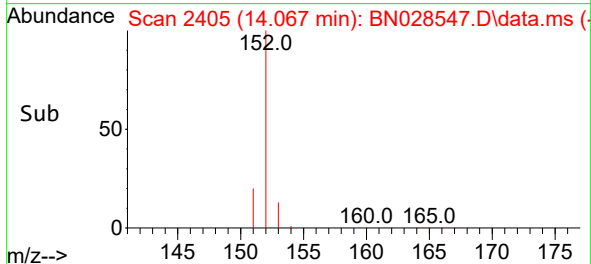
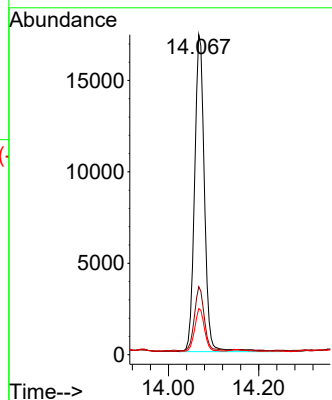
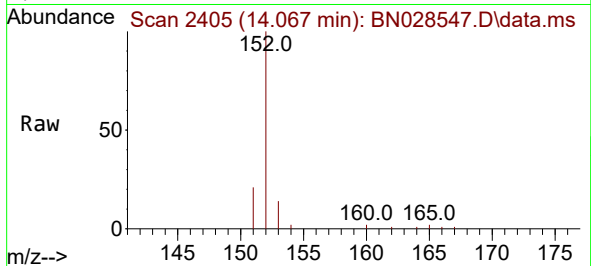




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.067 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

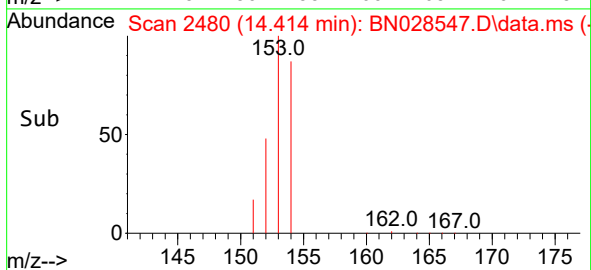
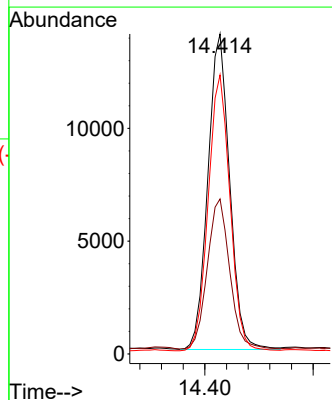
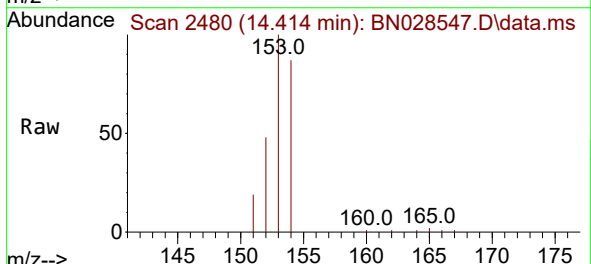
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ClientSampleId :
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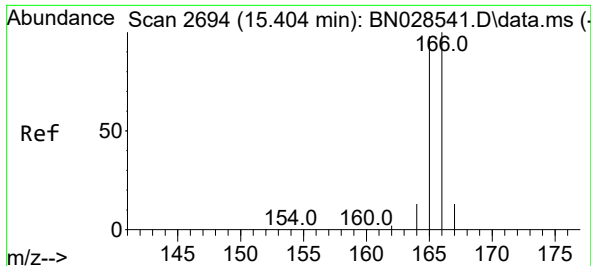
Tgt Ion:152 Resp: 26266
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1
153 14.4 10.6 15.8



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.003 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion:153 Resp: 19591
Ion Ratio Lower Upper
153 100
152 48.4 39.6 59.4
154 87.2 71.0 106.6

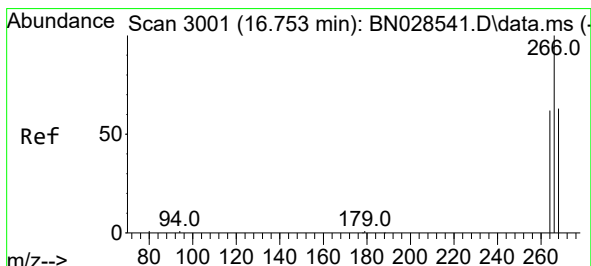
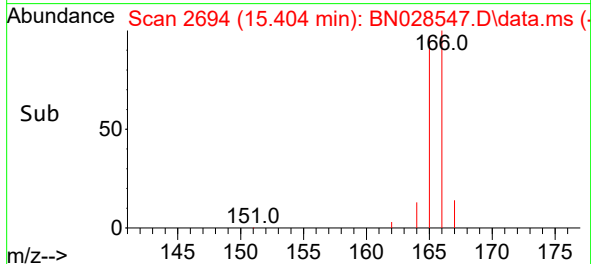
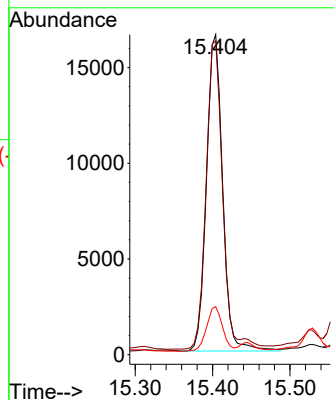
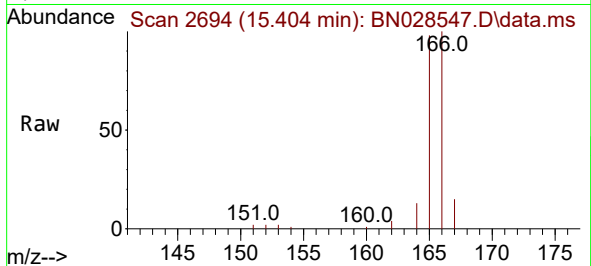




#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.003 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

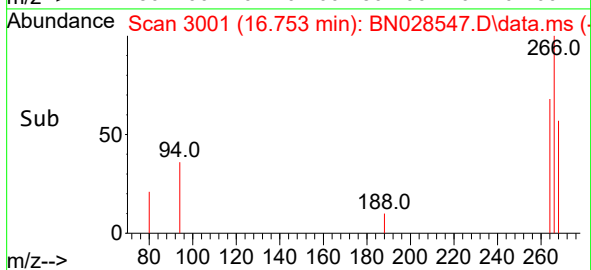
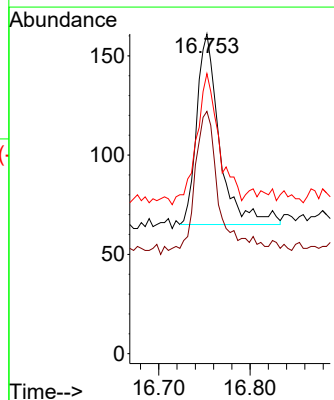
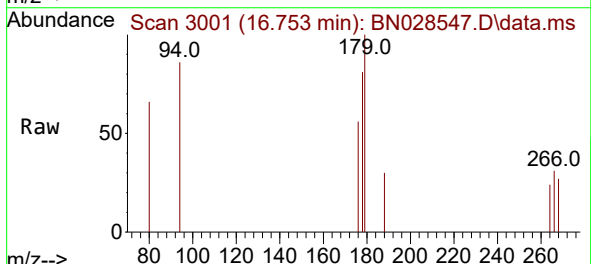
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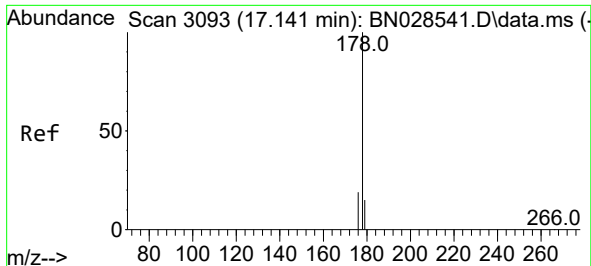
Tgt Ion:166 Resp: 24038
Ion Ratio Lower Upper
166 100
165 98.1 78.6 118.0
167 15.0 11.0 16.6



#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion:266 Resp: 168
Ion Ratio Lower Upper
266 100
264 81.5 50.1 75.1#
268 67.3 50.6 75.8

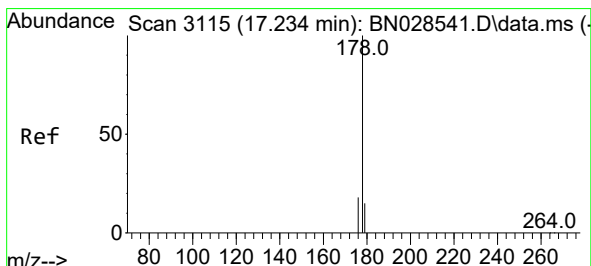
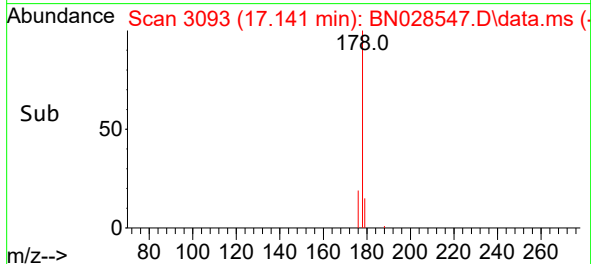
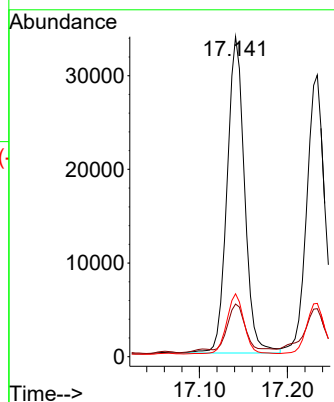
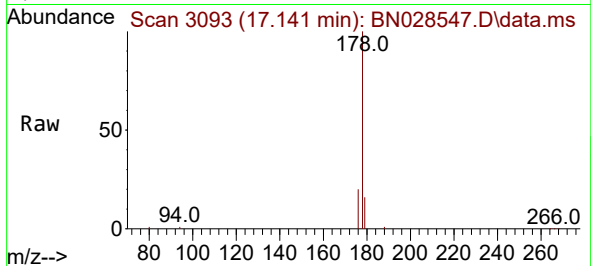




#15
Phenanthrene
Concen: 0.498 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

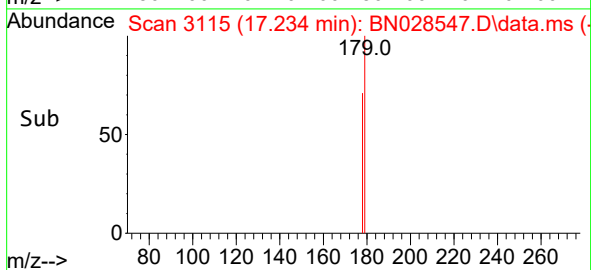
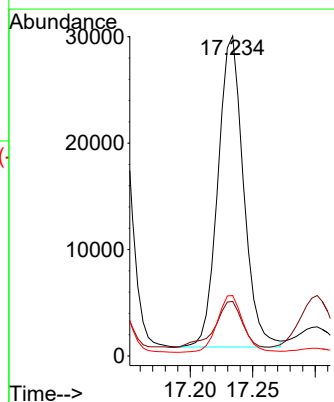
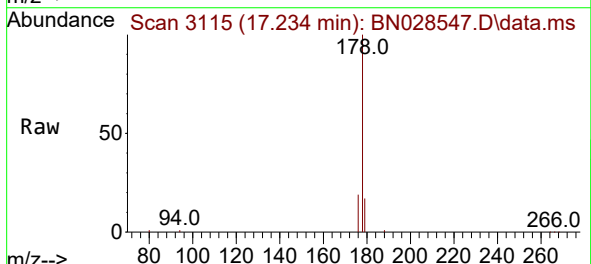
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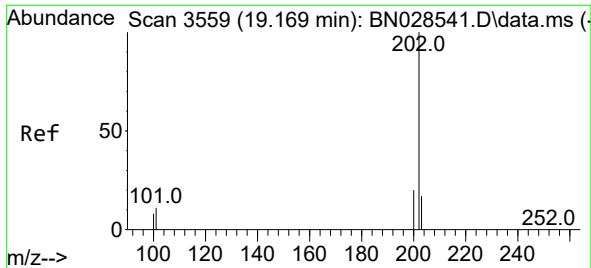
Tgt Ion:178 Resp: 46593
Ion Ratio Lower Upper
178 100
179 16.5 12.4 18.6
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.484 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion:178 Resp: 41573
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 18.9 14.9 22.3

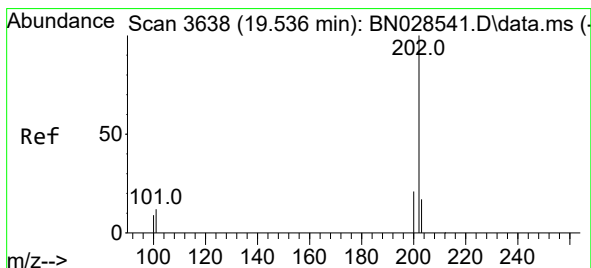
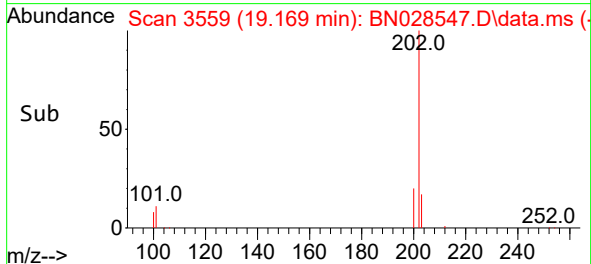
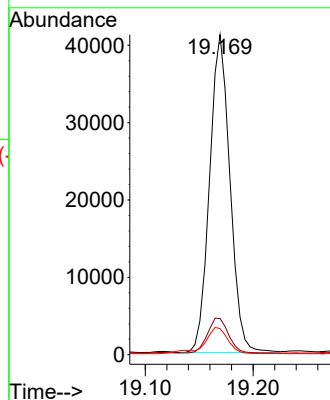
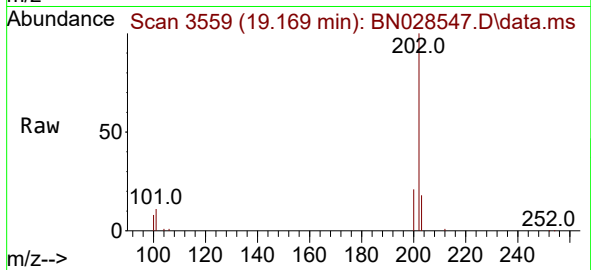




#19
Fluoranthene
Concen: 0.513 ng/ul
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

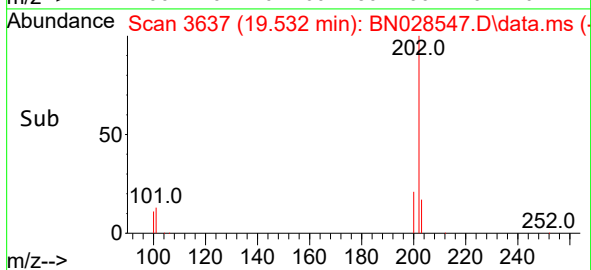
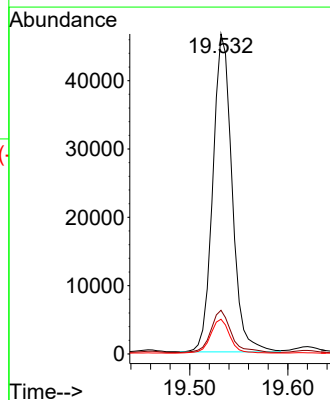
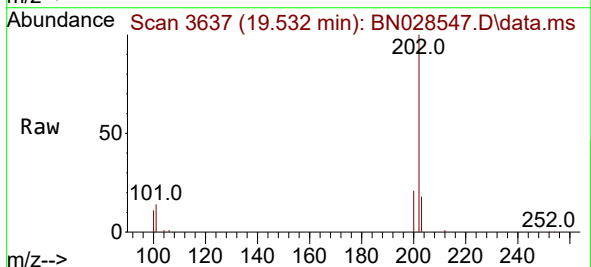
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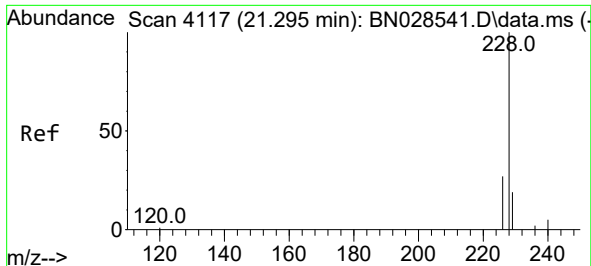
Tgt Ion:202 Resp: 54085
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.1 7.2 10.8



#20
Pyrene
Concen: 0.581 ng/ul
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion:202 Resp: 63383
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 10.9 8.2 12.2

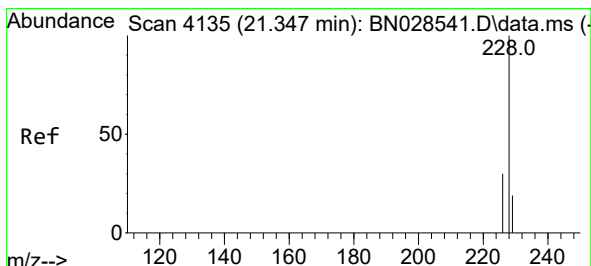
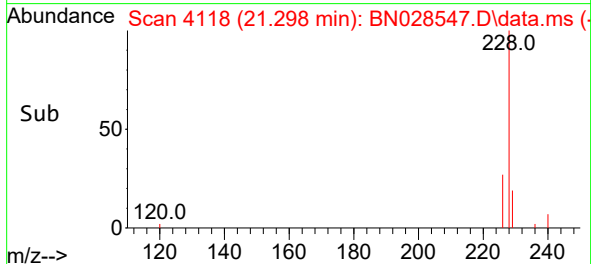
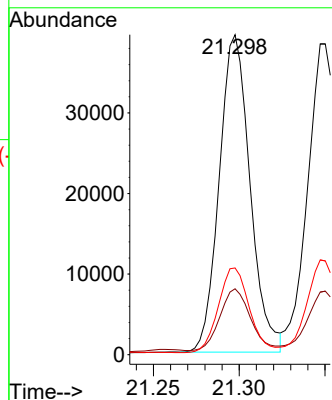
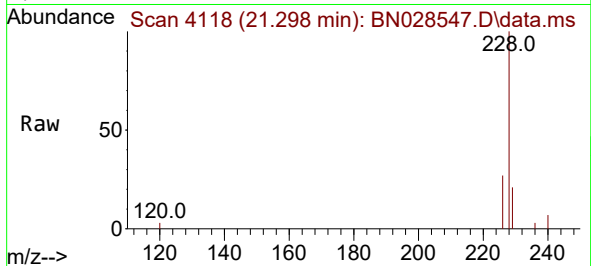




#21
Benzo(a)anthracene
Concen: 0.502 ng/ul
RT: 21.298 min Scan# 4118
Delta R.T. -0.006 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

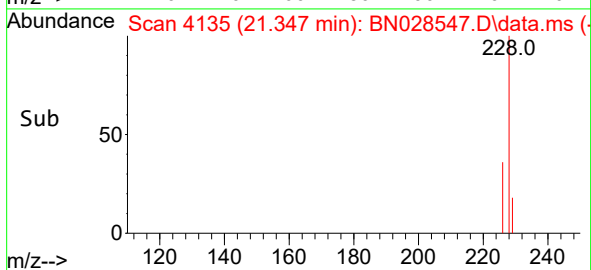
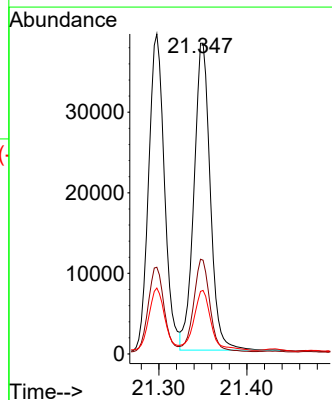
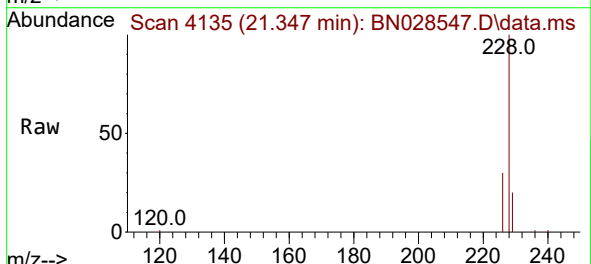
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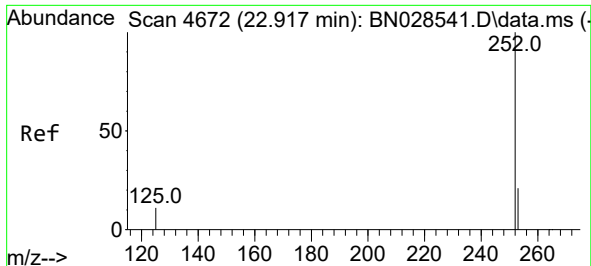
Tgt Ion:228 Resp: 49186
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.1 21.4 32.0



#22
Chrysene
Concen: 0.513 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. -0.009 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion:228 Resp: 49156
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 20.1 15.4 23.2

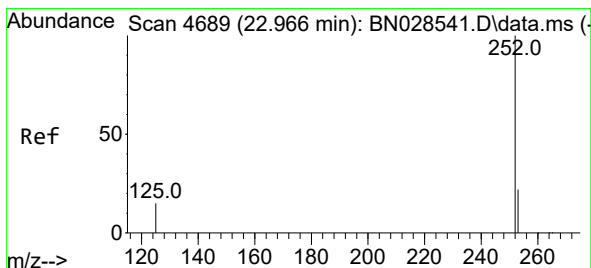
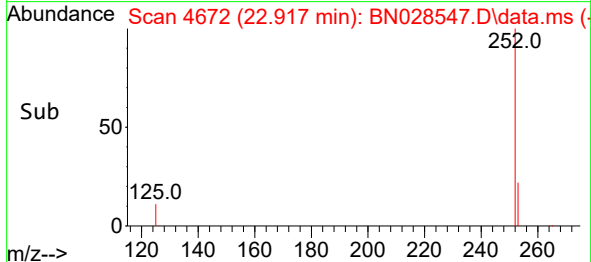
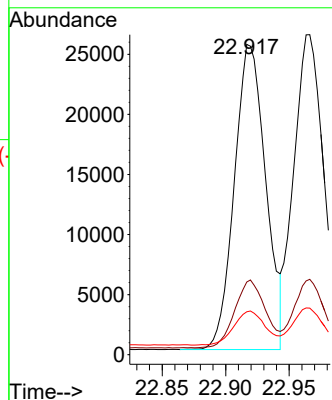
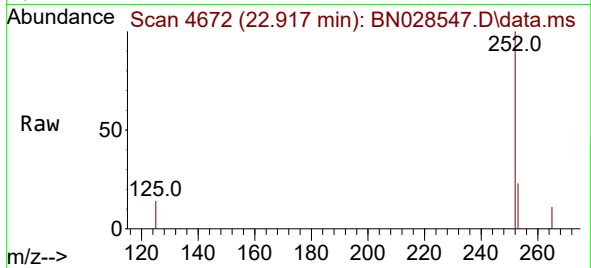




#24
Benzo(b)fluoranthene
Concen: 0.501 ng/ul
RT: 22.917 min Scan# 4672
Delta R.T. -0.012 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

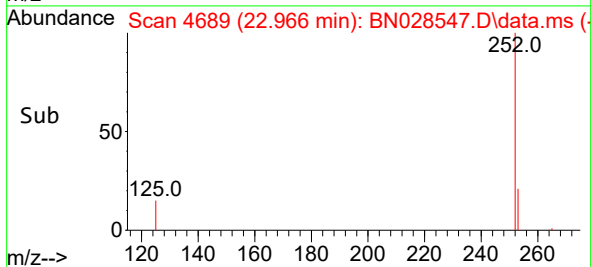
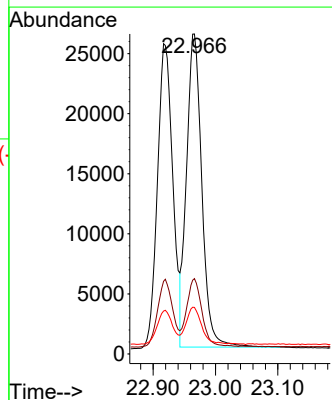
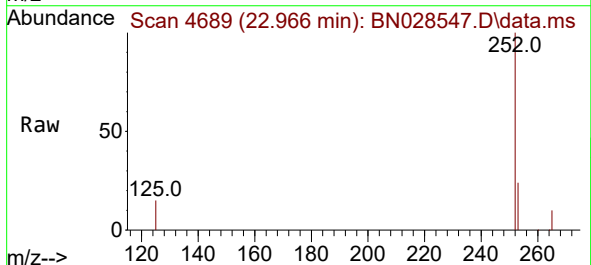
Instrument :
BNA_N
ClientSampleId :
BHEE3MSD

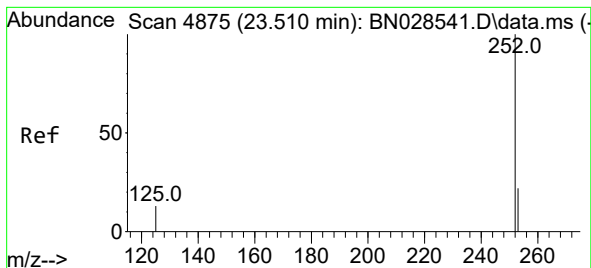
Tgt Ion:252 Resp: 43641
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.6
125 13.8 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.488 ng/ul
RT: 22.966 min Scan# 4689
Delta R.T. -0.009 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion:252 Resp: 44490
Ion Ratio Lower Upper
252 100
253 23.6 18.6 28.0
125 14.6 12.7 19.1





#26

Benzo(a)pyrene

Concen: 0.475 ng/ul

RT: 23.513 min Scan# 4875

Delta R.T. -0.012 min

Lab File: BN028547.D

Acq: 10 Nov 2023 08:57

Instrument :

BNA_N

ClientSampleId :

BHEE3MSD

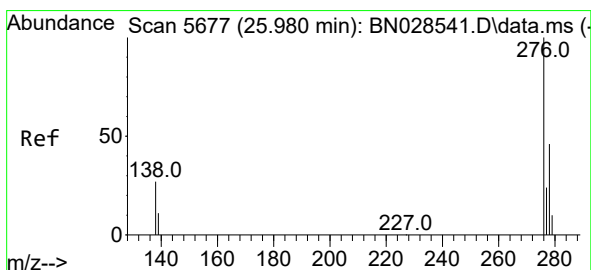
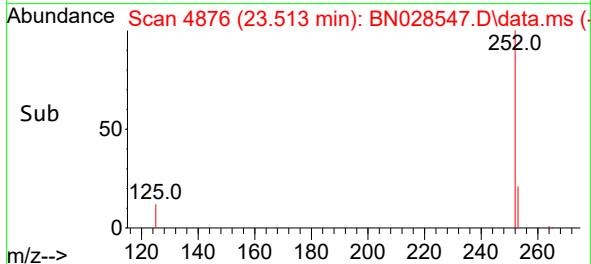
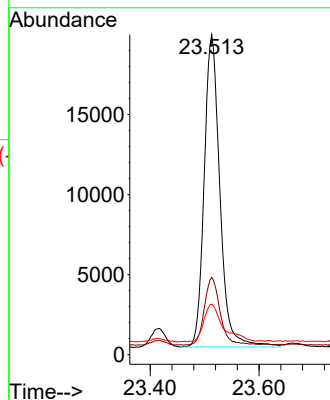
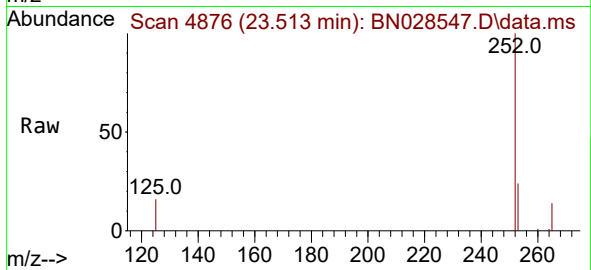
Tgt Ion:252 Resp: 39054

Ion Ratio Lower Upper

252 100

253 24.1 19.0 28.6

125 15.8 13.2 19.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.462 ng/ul

RT: 25.980 min Scan# 5677

Delta R.T. -0.013 min

Lab File: BN028547.D

Acq: 10 Nov 2023 08:57

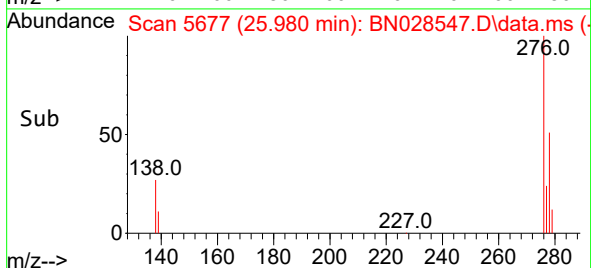
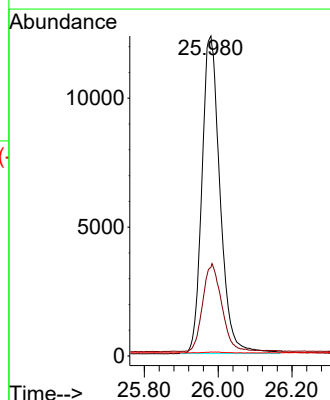
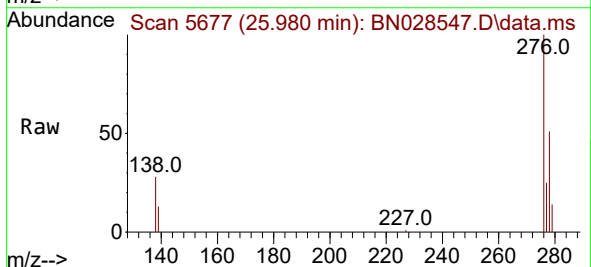
Tgt Ion:276 Resp: 42115

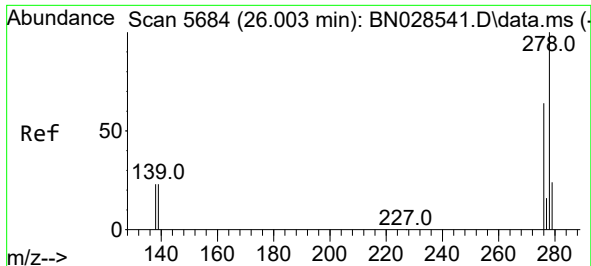
Ion Ratio Lower Upper

276 100

138 29.1 23.8 35.6

227 0.3 0.1 0.1#

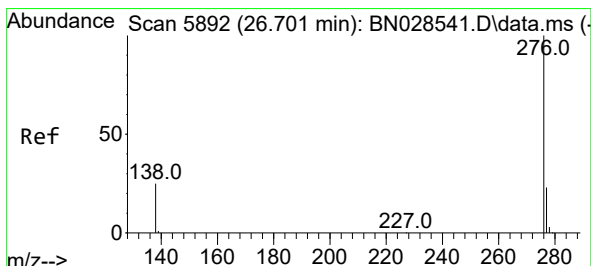
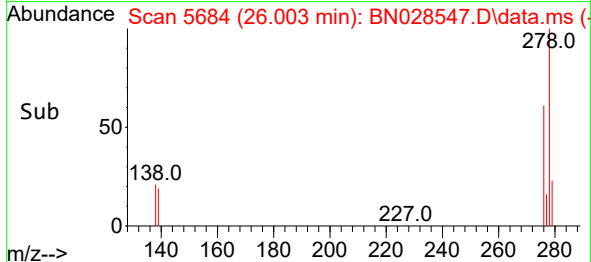
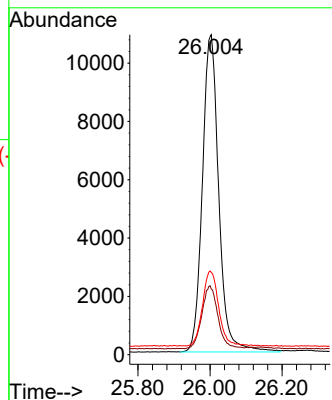
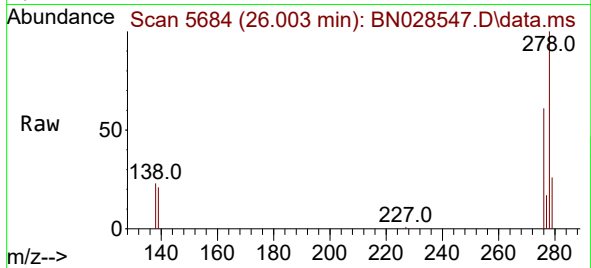




#28
Dibenzo(a,h)anthracene
Concen: 0.471 ng/ul
RT: 26.003 min Scan# 5684
Delta R.T. -0.013 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Instrument :
BNA_N
ClientSampleId :
BHEE3MSD

Tgt Ion:278 Resp: 34324
Ion Ratio Lower Upper
278 100
139 20.6 18.2 27.4
279 25.7 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 26.701 min Scan# 5892
Delta R.T. -0.017 min
Lab File: BN028547.D
Acq: 10 Nov 2023 08:57

Tgt Ion:276 Resp: 34356
Ion Ratio Lower Upper
276 100
138 26.1 20.5 30.7
277 24.6 19.4 29.0

