

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036347.D
 Acq On : 06 Feb 2025 22:10
 Operator : RC/JU
 Sample : PB166467BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS467

Quant Time: Feb 07 07:49:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 14:44:03 2025
 Response via : Initial Calibration

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

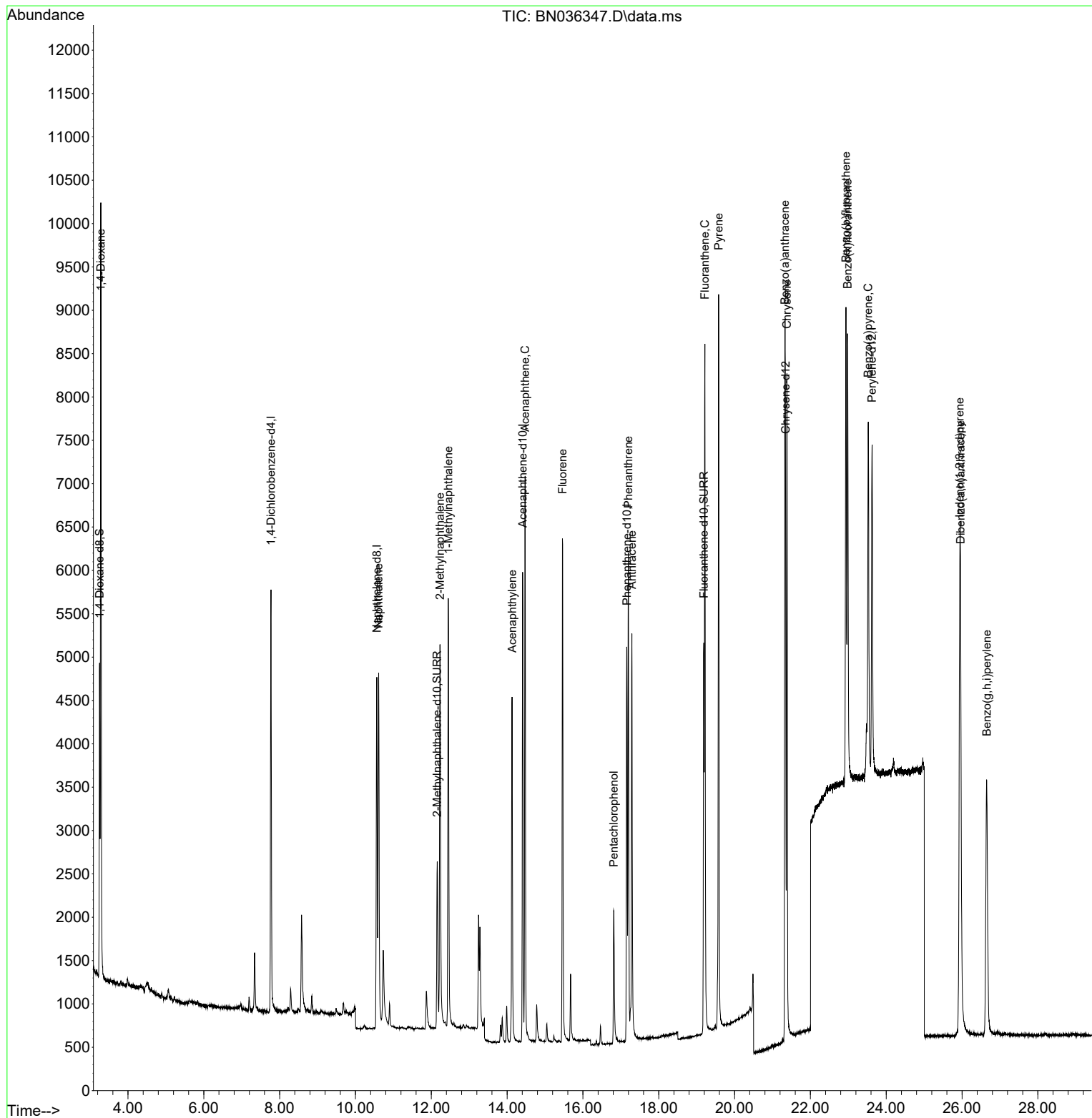
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.770	152	2580	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.562	136	5947	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.409	164	3068	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.158	188	5887	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.345	240	5090	0.400	ng/ul	#-0.02
23) Perylene-d12	23.624	264	5418	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	2096	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	2984	0.397	ng/ul	-0.01
18) Fluoranthene-d10	19.188	212	5468	0.391	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.285	88	5630	1.867	ng/ul	87
5) Naphthalene	10.612	128	6104	0.373	ng/ul	100
7) 2-Methylnaphthalene	12.228	142	3710	0.365	ng/ul	100
8) 1-Methylnaphthalene	12.448	142	3804	0.368	ng/ul	99
10) Acenaphthylene	14.132	152	4929	0.341	ng/ul	99
11) Acenaphthene	14.474	153	3900	0.366	ng/ul	98
12) Fluorene	15.459	166	4030	0.343	ng/ul	100
14) Pentachlorophenol	16.816	266	1314	0.637	ng/ul	100
15) Phenanthrene	17.196	178	6292	0.365	ng/ul	99
16) Anthracene	17.289	178	5486	0.342	ng/ul	99
19) Fluoranthene	19.216	202	7042	0.364	ng/ul#	95
20) Pyrene	19.579	202	7340	0.363	ng/ul#	92
21) Benzo(a)anthracene	21.327	228	6494	0.357	ng/ul	100
22) Chrysene	21.380	228	7027	0.379	ng/ul	99
24) Benzo(b)fluoranthene	22.937	252	6969	0.385	ng/ul	86
25) Benzo(k)fluoranthene	22.981	252	7027	0.370	ng/ul#	85
26) Benzo(a)pyrene	23.525	252	6198	0.380	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.940	276	7928	0.367	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.960	278	6155	0.370	ng/ul	93
29) Benzo(g,h,i)perylene	26.651	276	6418	0.383	ng/ul	96

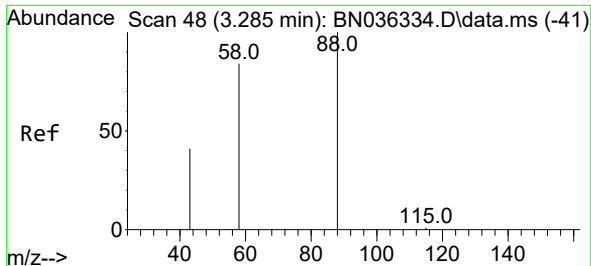
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 14:44:03 2025
Response via : Initial Calibration

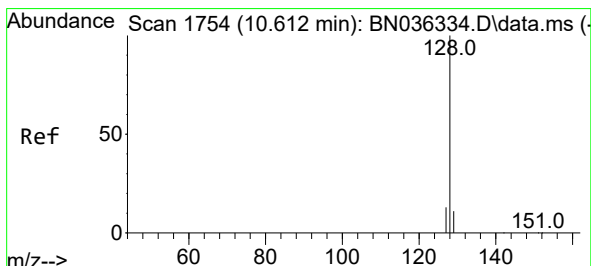
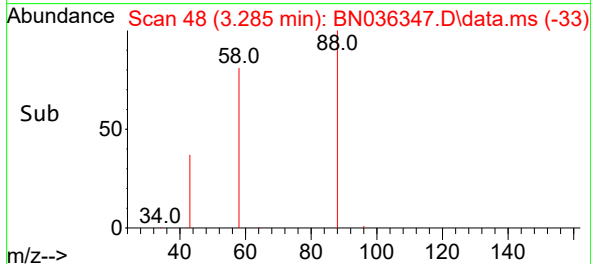
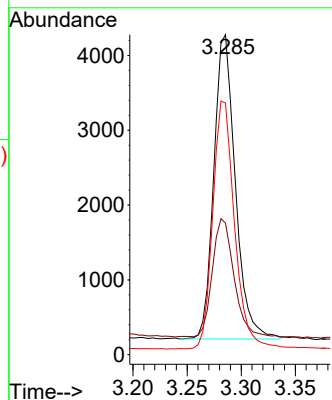
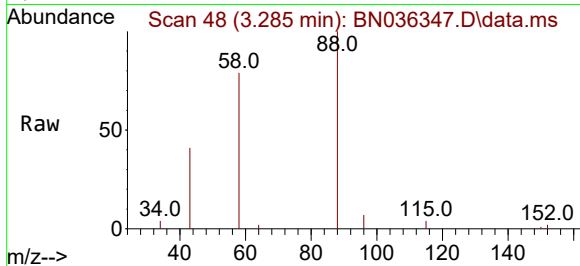




#2
1,4-Dioxane
Concen: 1.867 ng/ul
RT: 3.285 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

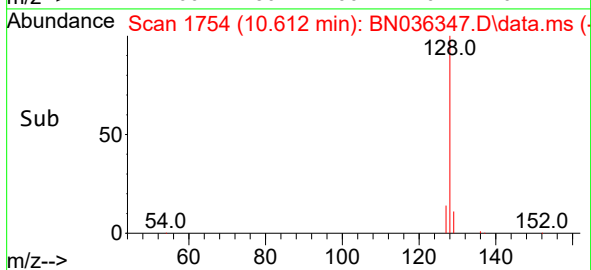
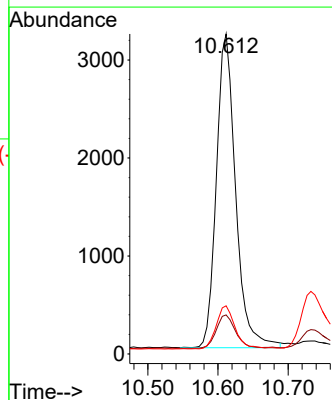
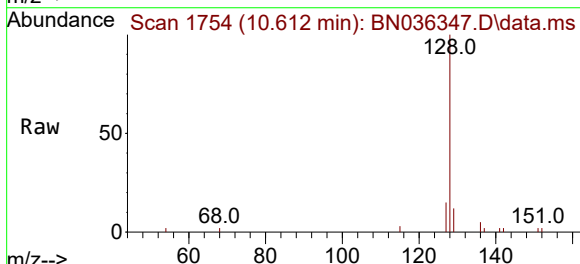
Instrument :
BNA_N
ClientSampleId :
SLCS467

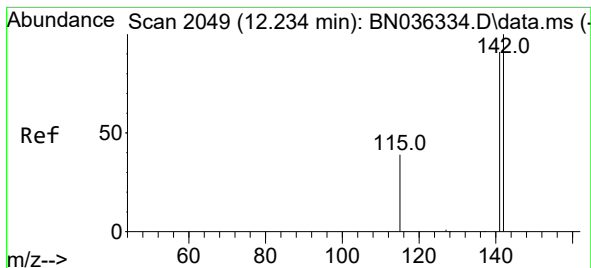
Tgt Ion: 88 Resp: 5630
Ion Ratio Lower Upper
88 100
43 41.1 40.7 61.1
58 78.7 55.2 82.8



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.612 min Scan# 1754
Delta R.T. -0.016 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

Tgt Ion: 128 Resp: 6104
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 15.0 12.0 18.0

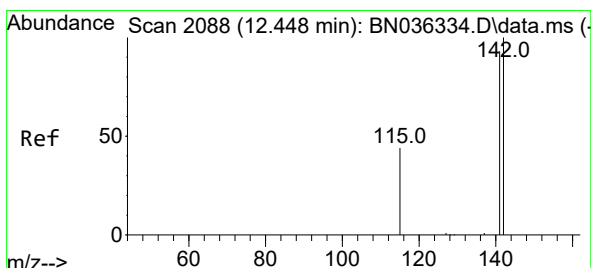
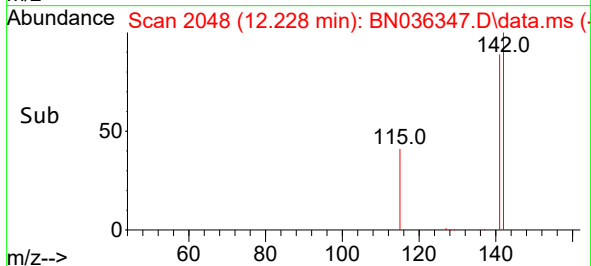
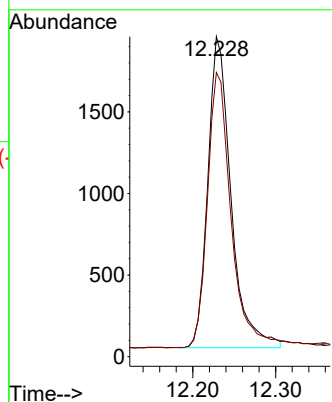
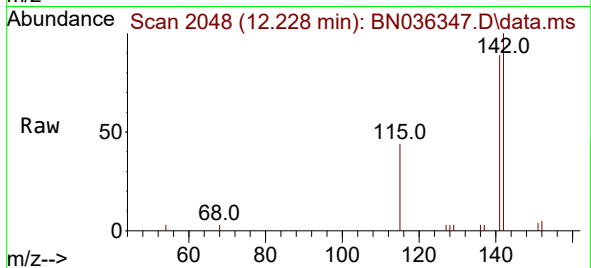




#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. -0.016 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

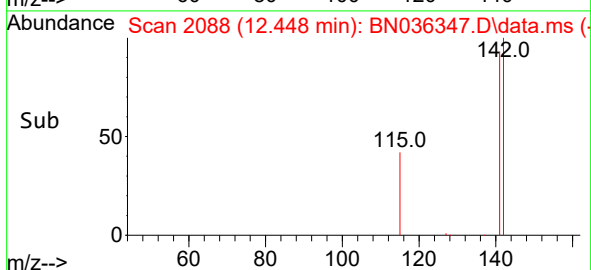
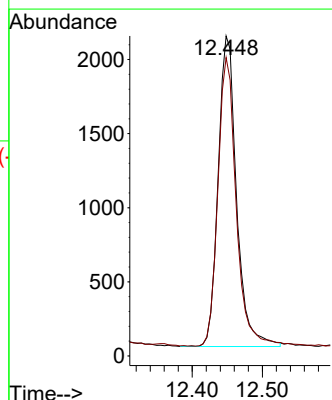
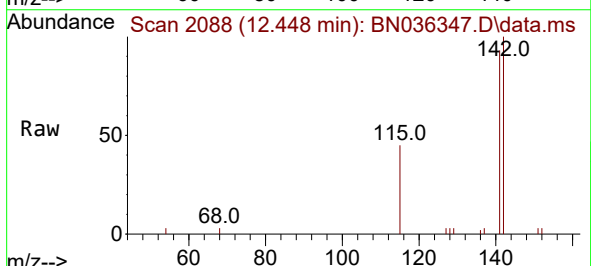
Instrument :
BNA_N
ClientSampleId :
SLCS467

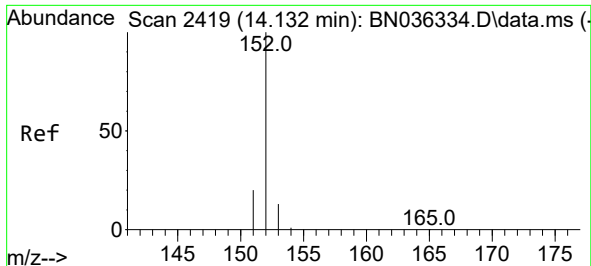
Tgt Ion:142 Resp: 3710
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.448 min Scan# 2088
Delta R.T. -0.016 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

Tgt Ion:142 Resp: 3804
Ion Ratio Lower Upper
142 100
141 92.6 75.2 112.8

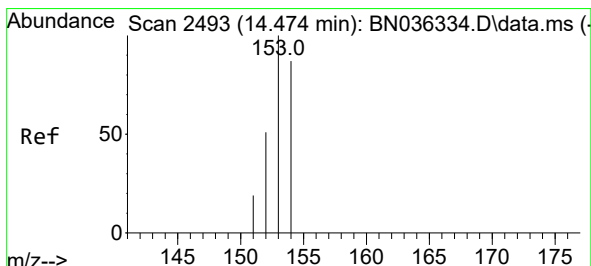
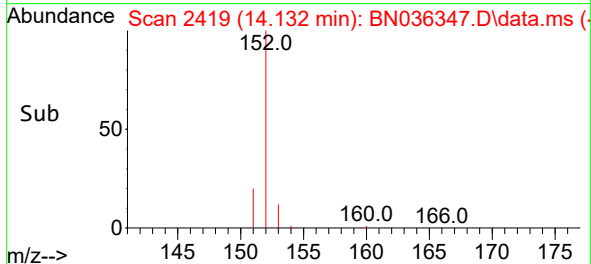
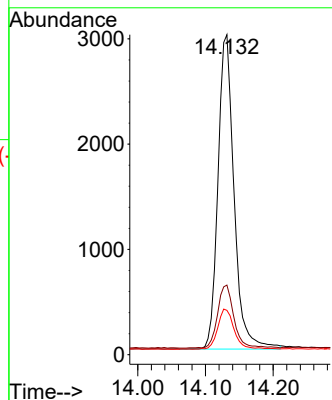
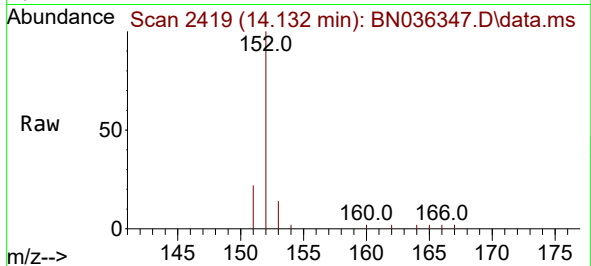




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.132 min Scan# 2419
Delta R.T. -0.013 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

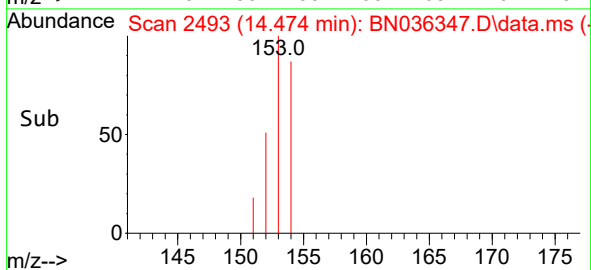
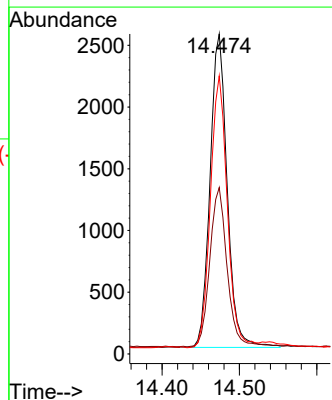
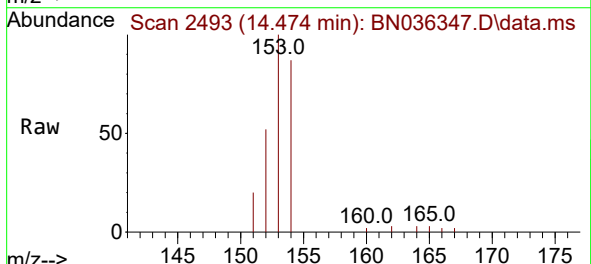
Instrument :
BNA_N
ClientSampleId :
SLCS467

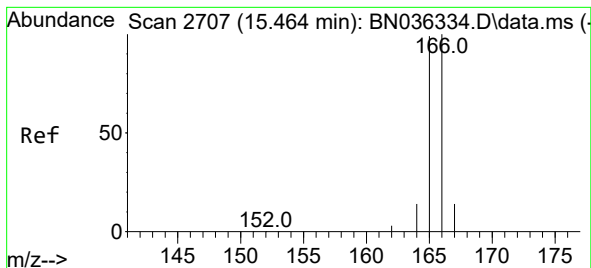
Tgt Ion:152 Resp: 4929
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2
153 13.9 11.9 17.9



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.474 min Scan# 2493
Delta R.T. -0.018 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

Tgt Ion:153 Resp: 3900
Ion Ratio Lower Upper
153 100
152 52.0 43.2 64.8
154 86.9 70.5 105.7





#12

Fluorene

Concen: 0.343 ng/ul

RT: 15.459 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN036347.D

Acq: 06 Feb 2025 22:10

Instrument :

BNA_N

ClientSampleId :

SLCS467

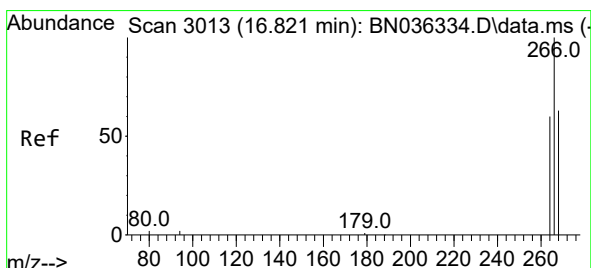
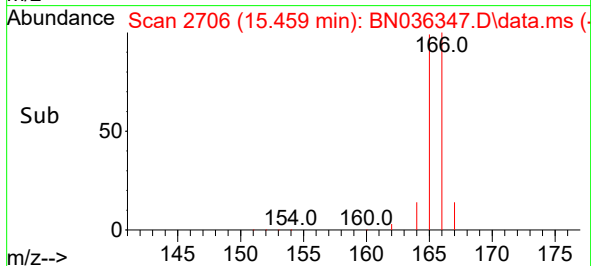
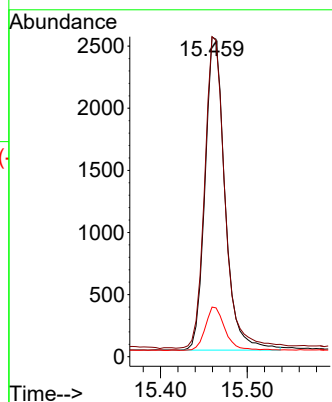
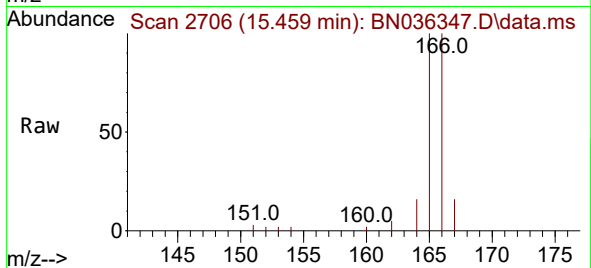
Tgt Ion:166 Resp: 4030

Ion Ratio Lower Upper

166 100

165 100.1 80.3 120.5

167 15.5 12.3 18.5



#14

Pentachlorophenol

Concen: 0.637 ng/ul

RT: 16.816 min Scan# 3012

Delta R.T. -0.012 min

Lab File: BN036347.D

Acq: 06 Feb 2025 22:10

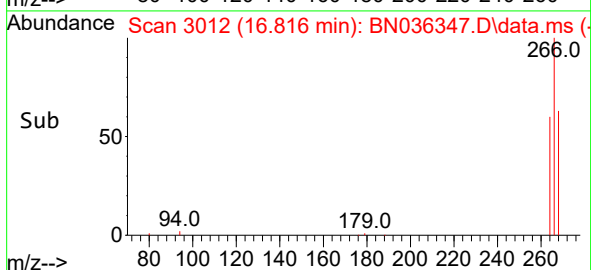
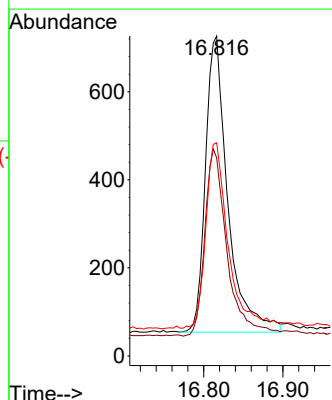
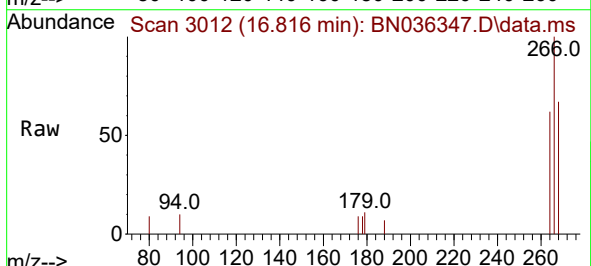
Tgt Ion:266 Resp: 1314

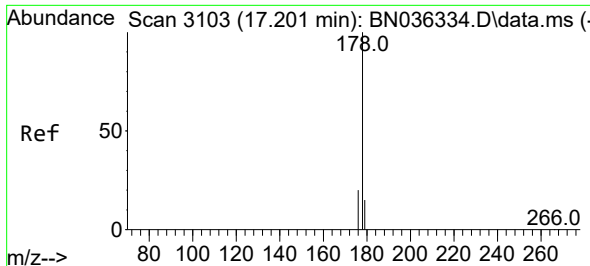
Ion Ratio Lower Upper

266 100

264 63.5 50.6 75.8

268 63.0 50.6 75.8

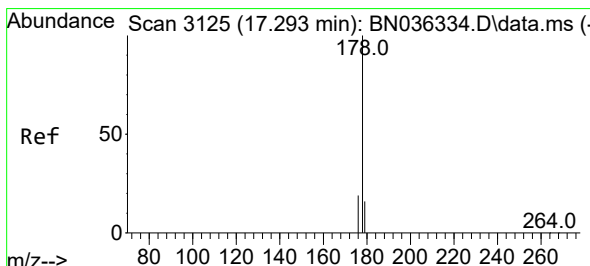
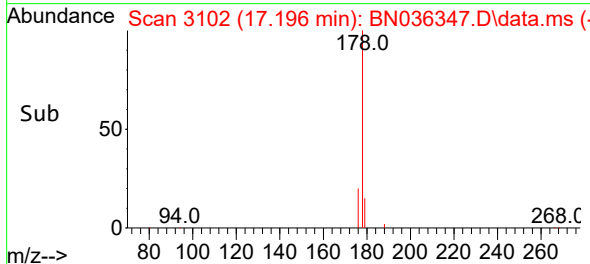
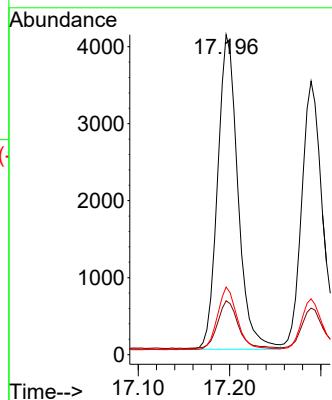
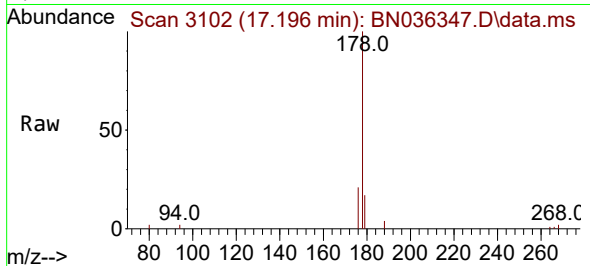




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.196 min Scan# 3102
Delta R.T. -0.016 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

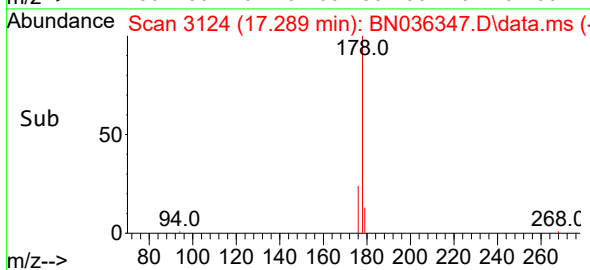
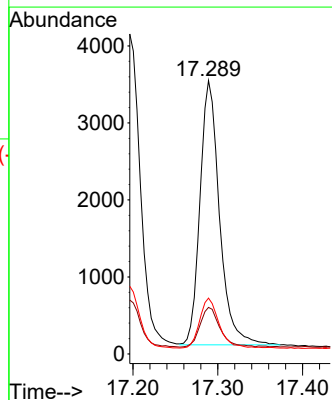
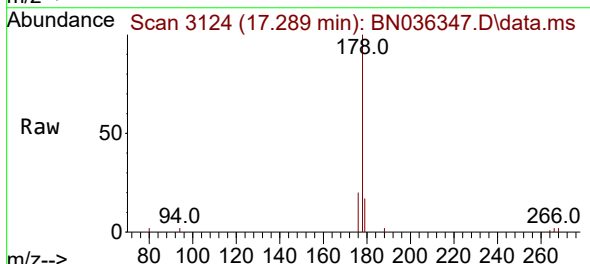
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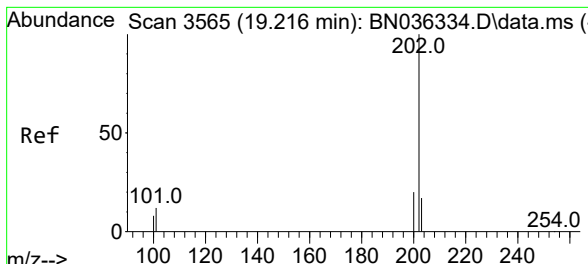
Tgt Ion:178 Resp: 6292
Ion Ratio Lower Upper
178 100
179 16.9 13.2 19.8
176 21.2 16.8 25.2



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.289 min Scan# 3124
Delta R.T. -0.016 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

Tgt Ion:178 Resp: 5486
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.4 15.9 23.9

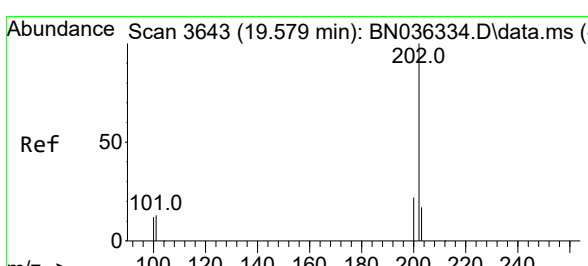
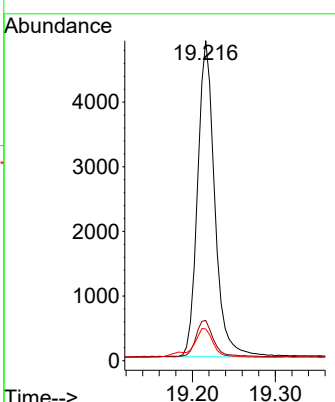
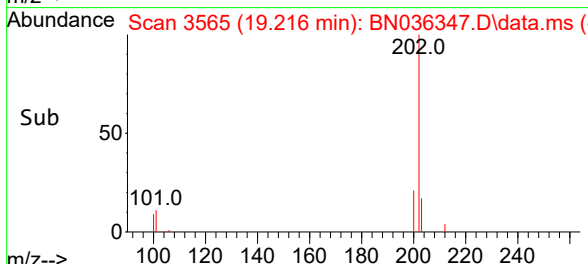
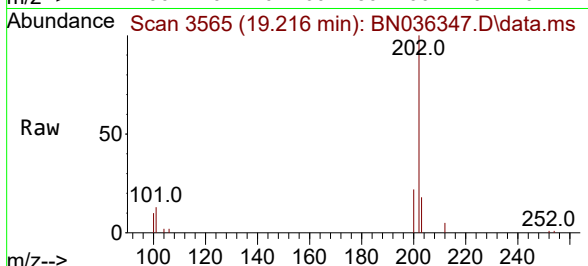




#19
 Fluoranthene
 Concen: 0.364 ng/ul
 RT: 19.216 min Scan# 3565
 Delta R.T. -0.018 min
 Lab File: BN036347.D
 Acq: 06 Feb 2025 22:10

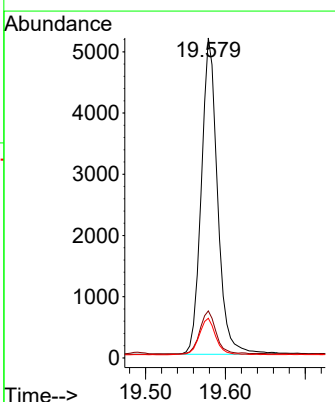
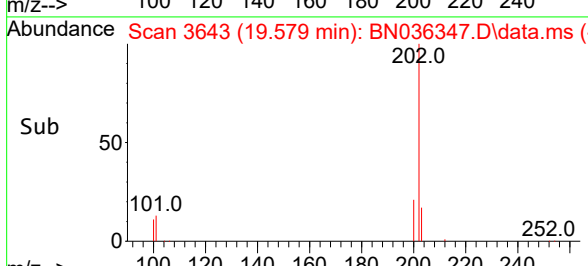
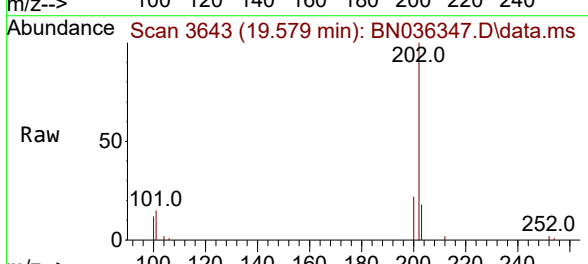
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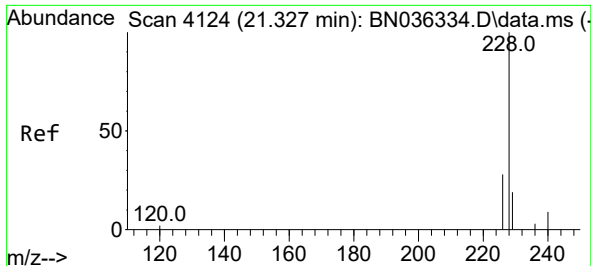
Tgt Ion:	202	Resp:	7042
Ion Ratio	Lower	Upper	
202	100		
101	12.5	8.4	12.6
100	9.9	6.5	9.7#



#20
 Pyrene
 Concen: 0.363 ng/ul
 RT: 19.579 min Scan# 3643
 Delta R.T. -0.018 min
 Lab File: BN036347.D
 Acq: 06 Feb 2025 22:10

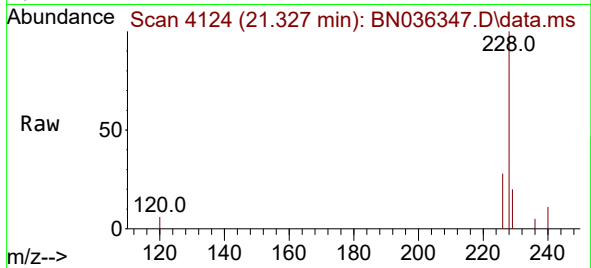
Tgt Ion:	202	Resp:	7340
Ion Ratio	Lower	Upper	
202	100		
101	14.7	9.3	13.9#
100	12.4	7.5	11.3#



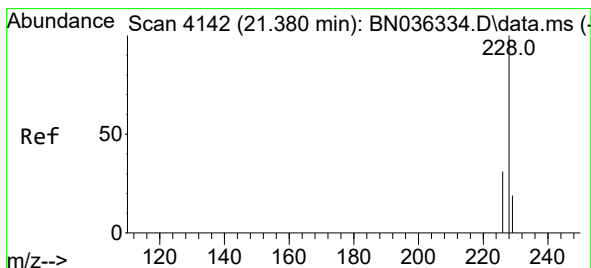
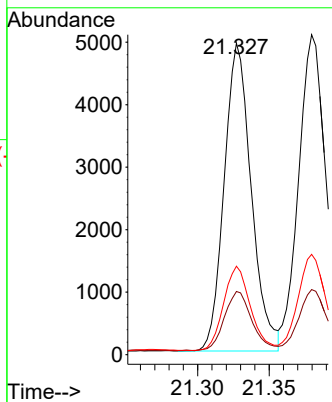
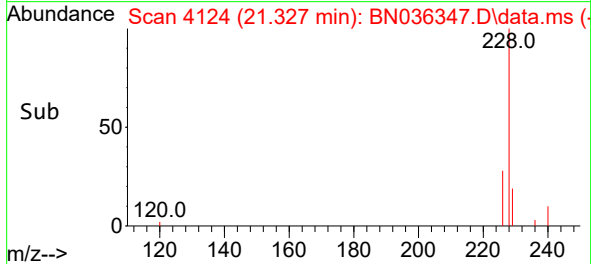


#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.327 min Scan# 4124
Delta R.T. -0.018 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

Instrument :
BNA_N
ClientSampleId :
SLCS467

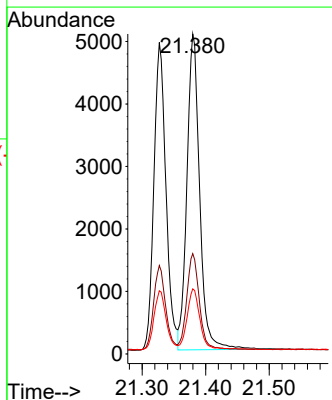
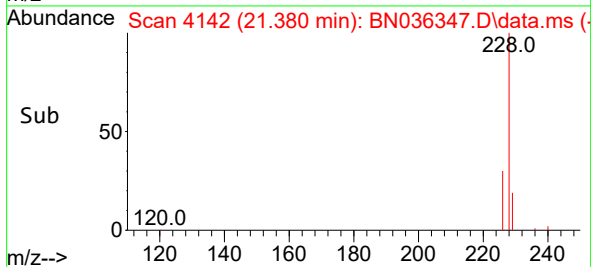
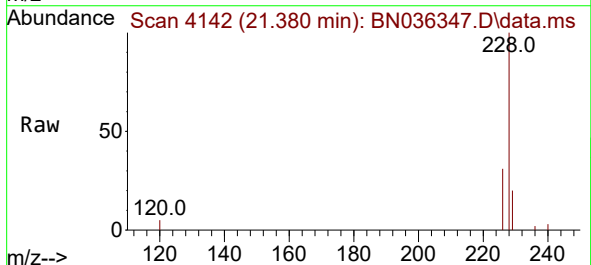


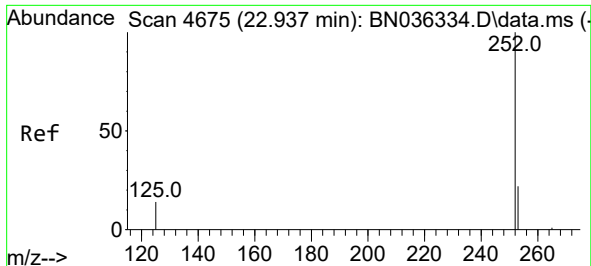
Tgt Ion:228 Resp: 6494
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.4 22.8 34.2



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.380 min Scan# 4142
Delta R.T. -0.018 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

Tgt Ion:228 Resp: 7027
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 20.3 15.9 23.9

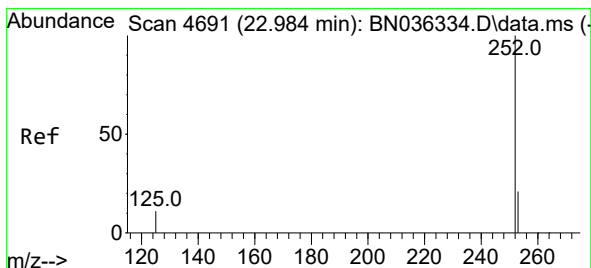
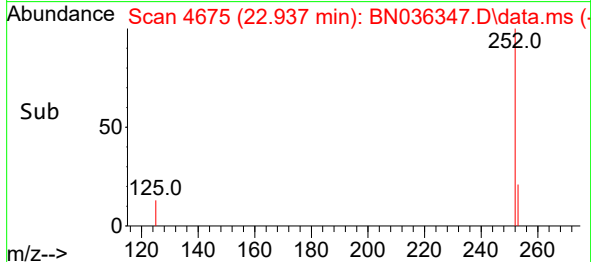
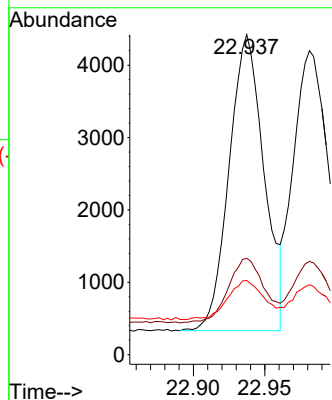
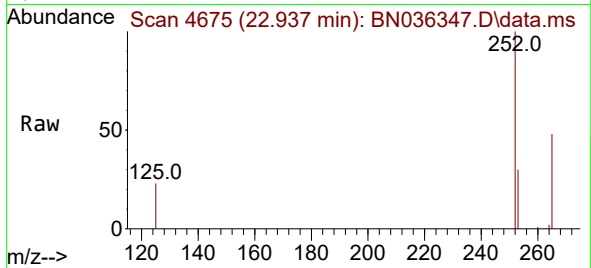




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 22.937 min Scan# 4675
Delta R.T. -0.024 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

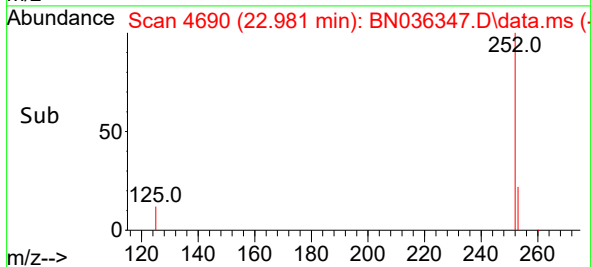
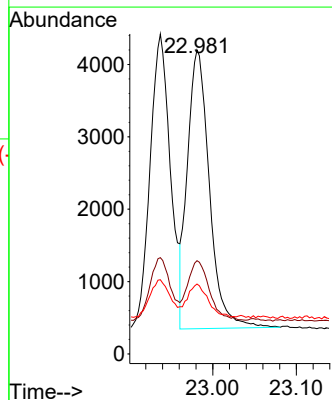
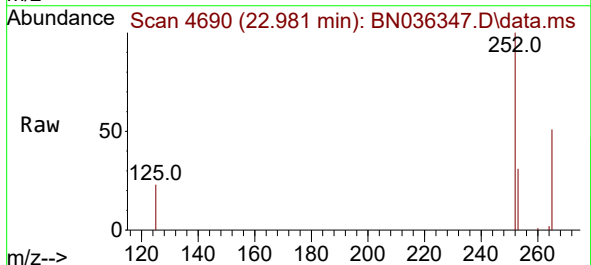
Instrument :
BNA_N
ClientSampleId :
SLCS467

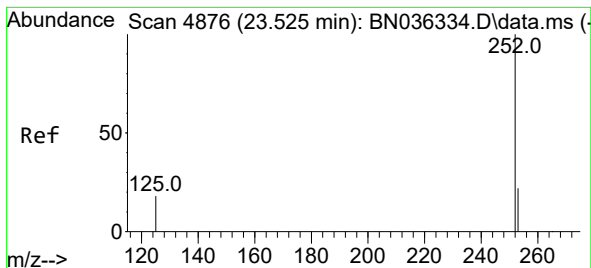
Tgt Ion:252 Resp: 6969
Ion Ratio Lower Upper
252 100
253 30.1 0.0 51.2
125 23.2 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 22.981 min Scan# 4690
Delta R.T. -0.027 min
Lab File: BN036347.D
Acq: 06 Feb 2025 22:10

Tgt Ion:252 Resp: 7027
Ion Ratio Lower Upper
252 100
253 30.7 20.2 30.4#
125 23.0 10.6 16.0#





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.525 min Scan# 4876

Delta R.T. -0.030 min

Lab File: BN036347.D

Acq: 06 Feb 2025 22:10

Instrument :

BNA_N

ClientSampleId :

SLCS467

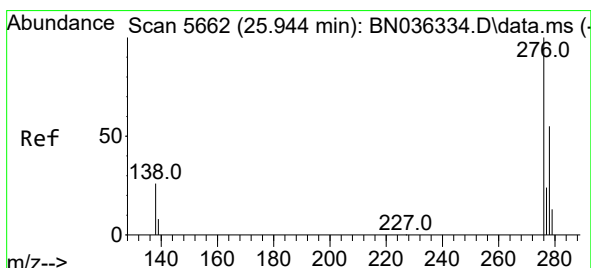
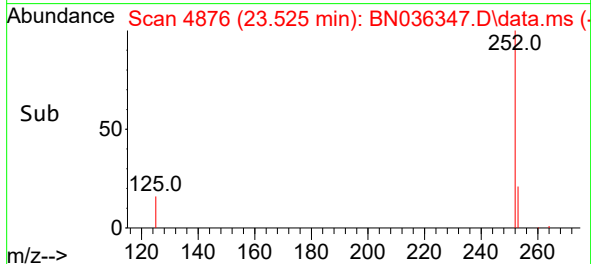
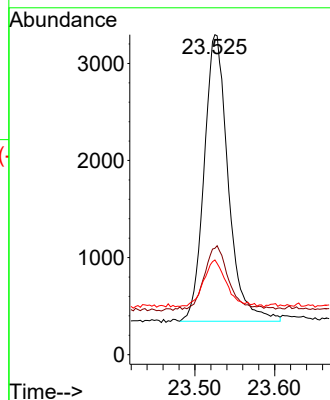
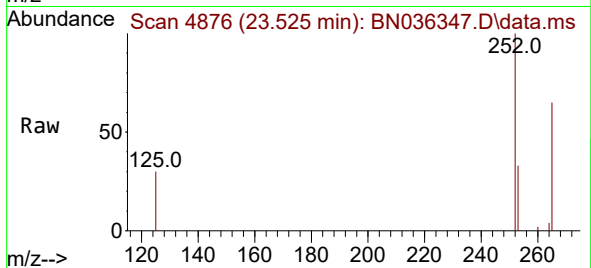
Tgt Ion:252 Resp: 6198

Ion Ratio Lower Upper

252 100

253 33.3 22.2 33.4

125 29.6 13.1 19.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.367 ng/ul

RT: 25.940 min Scan# 5661

Delta R.T. -0.048 min

Lab File: BN036347.D

Acq: 06 Feb 2025 22:10

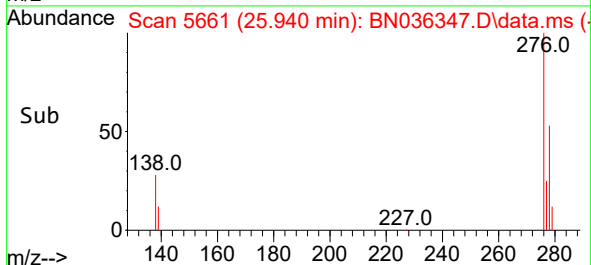
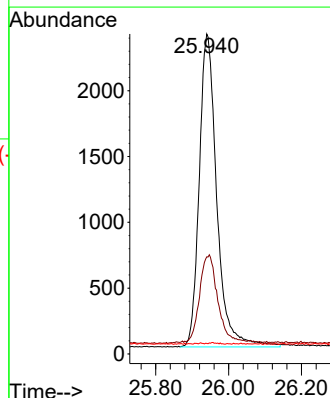
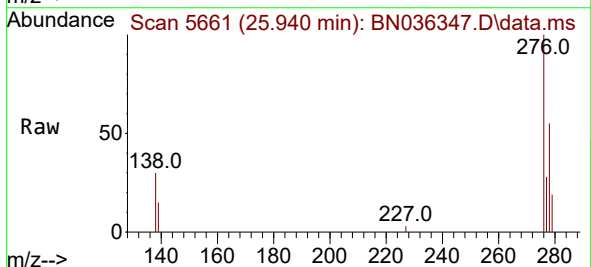
Tgt Ion:276 Resp: 7928

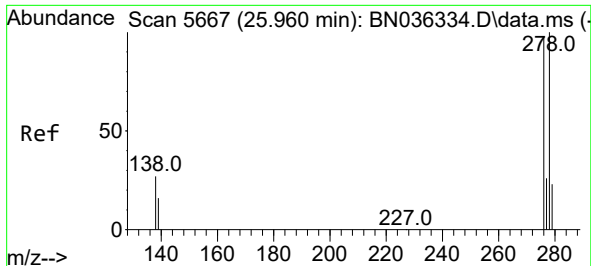
Ion Ratio Lower Upper

276 100

138 28.2 20.2 30.4

227 0.2 0.1 0.1#

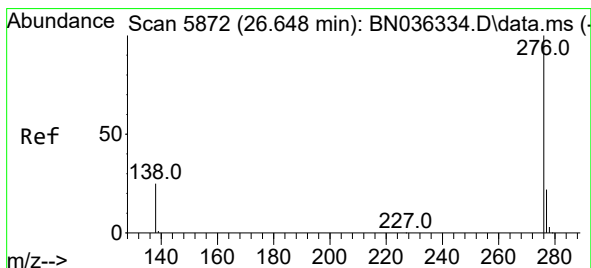
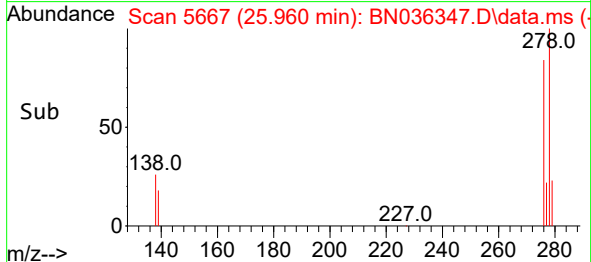
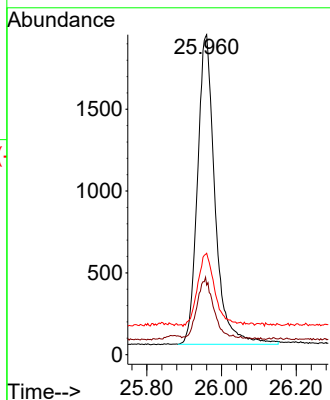
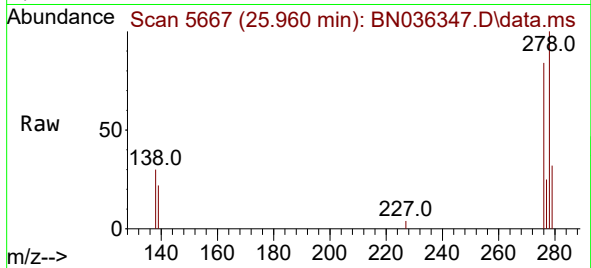




#28
 Dibenzo(a,h)anthracene
 Concen: 0.370 ng/ul
 RT: 25.960 min Scan# 5667
 Delta R.T. -0.038 min
 Lab File: BN036347.D
 Acq: 06 Feb 2025 22:10

Instrument :
 BNA_N
 ClientSampleId :
 SLCS467

Tgt Ion:278 Resp: 6155
 Ion Ratio Lower Upper
 278 100
 139 21.7 15.4 23.2
 279 31.7 22.2 33.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.383 ng/ul
 RT: 26.651 min Scan# 5873
 Delta R.T. -0.051 min
 Lab File: BN036347.D
 Acq: 06 Feb 2025 22:10

Tgt Ion:276 Resp: 6418
 Ion Ratio Lower Upper
 276 100
 138 28.0 19.4 29.0
 277 27.0 21.1 31.7

