

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036054.D
 Acq On : 28 Jan 2025 01:37
 Operator : RC/JU
 Sample : PB166255BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS255

Quant Time: Jan 28 02:23:47 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 : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

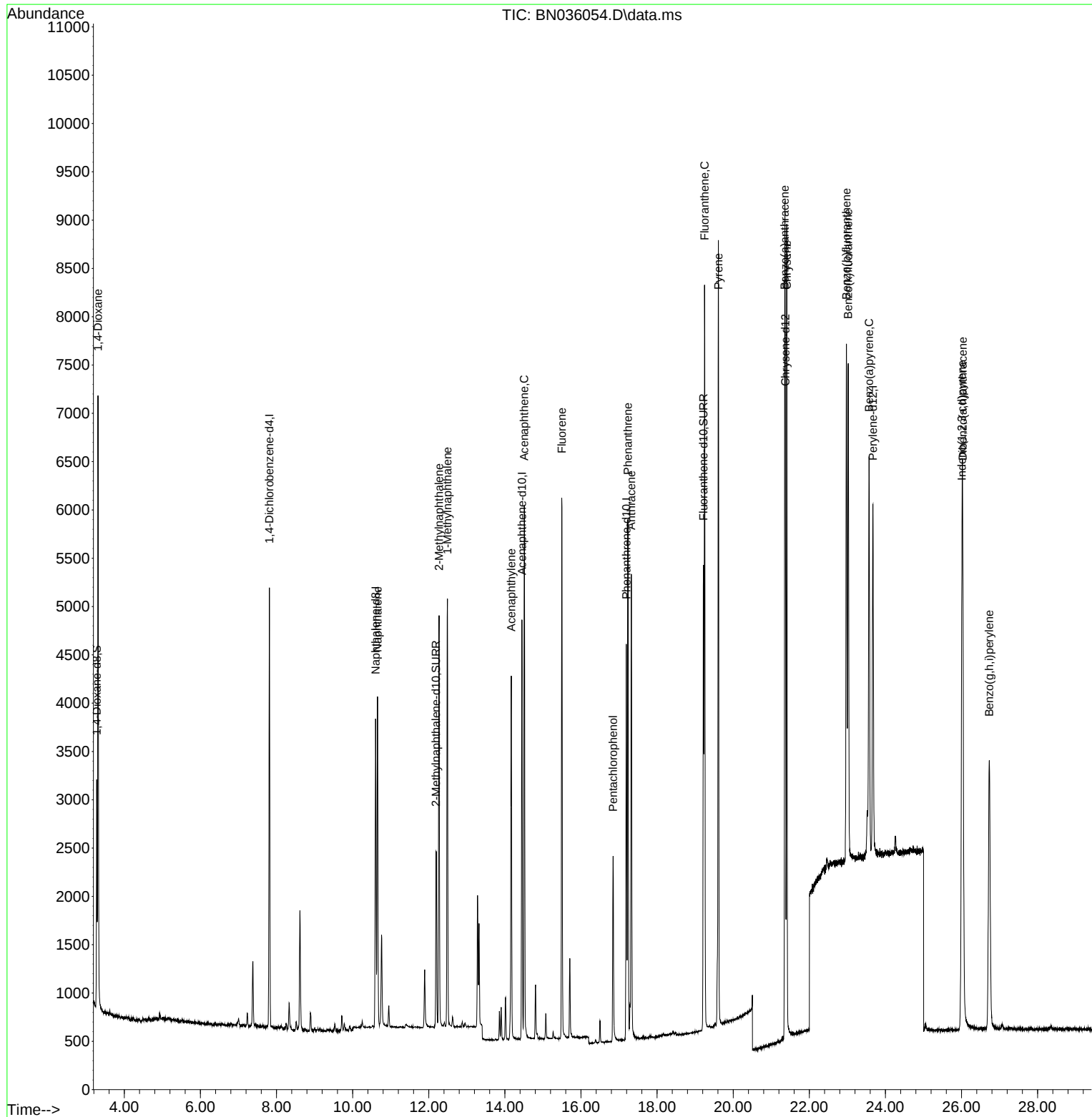
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2187	0.400	ng/ul	0.00
4) Naphthalene-d8	10.604	136	4165	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	4978	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	4452	0.400	ng/ul	0.00
23) Perylene-d12	23.669	264	4764	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1354	0.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.193	152	2393	0.455	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	5434	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	3714	1.453	ng/ul	91
5) Naphthalene	10.653	128	4463	0.389	ng/ul	99
7) 2-Methylnaphthalene	12.270	142	2846	0.399	ng/ul	100
8) 1-Methylnaphthalene	12.490	142	2896	0.400	ng/ul	99
10) Acenaphthylene	14.167	152	4160	0.374	ng/ul	100
11) Acenaphthene	14.510	153	3140	0.384	ng/ul	98
12) Fluorene	15.495	166	3477	0.385	ng/ul	99
14) Pentachlorophenol	16.845	266	1345	0.771	ng/ul	99
15) Phenanthrene	17.233	178	5678	0.390	ng/ul	100
16) Anthracene	17.322	178	5179	0.382	ng/ul	99
19) Fluoranthene	19.247	202	6669	0.394	ng/ul	99
20) Pyrene	19.610	202	6952	0.394	ng/ul	99
21) Benzo(a)anthracene	21.357	228	6577	0.414	ng/ul	99
22) Chrysene	21.409	228	6824	0.420	ng/ul	99
24) Benzo(b)fluoranthene	22.976	252	6838	0.430	ng/ul	96
25) Benzo(k)fluoranthene	23.023	252	6854	0.410	ng/ul	95
26) Benzo(a)pyrene	23.569	252	6092	0.424	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.011	276	7974	0.420	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.031	278	6244	0.427	ng/ul	97
29) Benzo(g,h,i)perylene	26.729	276	6278	0.426	ng/ul	98

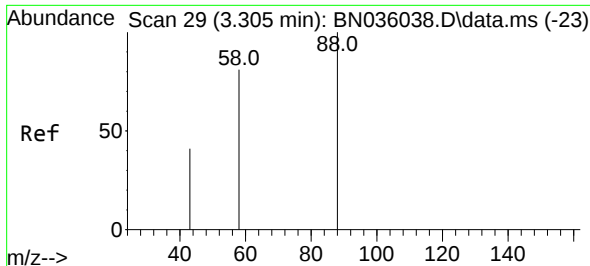
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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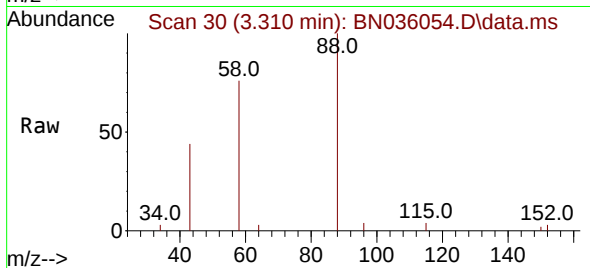
Quant Time: Jan 28 02:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



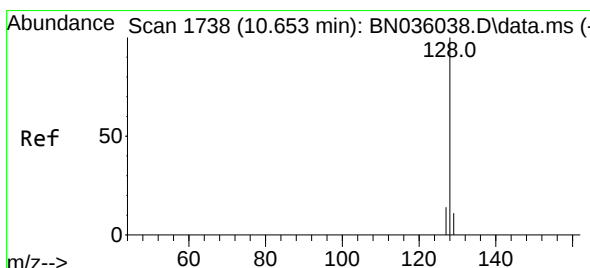
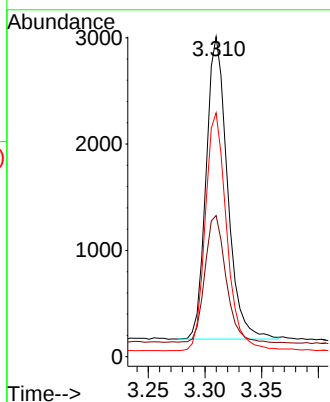
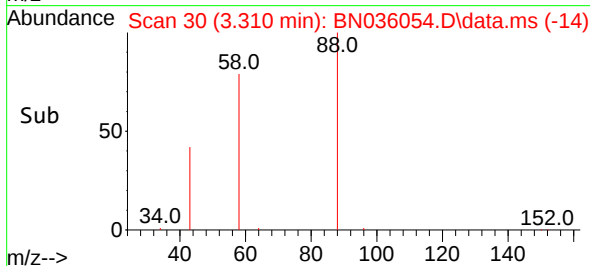


#2
 1,4-Dioxane
 Concen: 1.453 ng/ul
 RT: 3.310 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN036054.D
 Acq: 28 Jan 2025 01:37

Instrument :
 BNA_N
 ClientSampleId :
 SLCS255

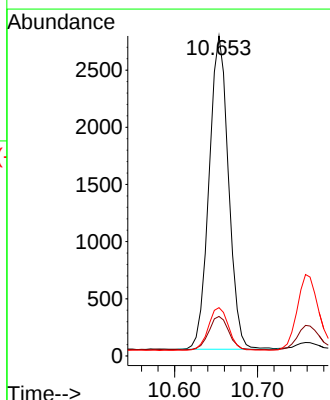
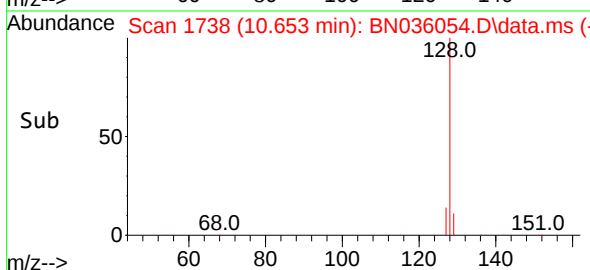
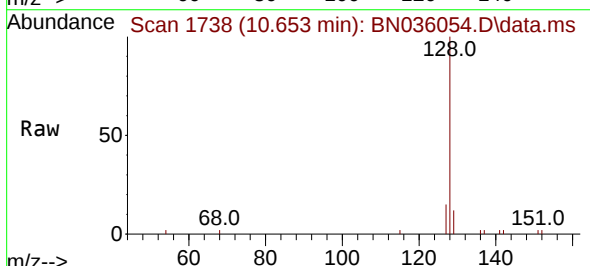


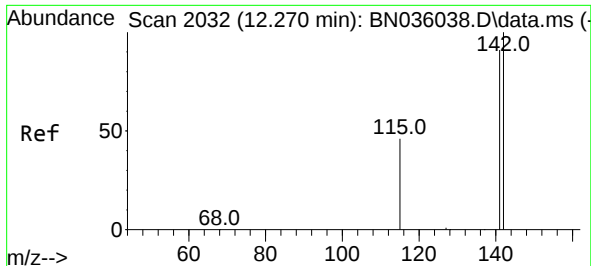
Tgt Ion: 88	Resp: 3714
Ion Ratio	Lower Upper
88	100
43	44.1 40.7 61.1
58	76.2 55.2 82.8



#5
 Naphthalene
 Concen: 0.389 ng/ul
 RT: 10.653 min Scan# 1738
 Delta R.T. -0.001 min
 Lab File: BN036054.D
 Acq: 28 Jan 2025 01:37

Tgt Ion: 128	Resp: 4463
Ion Ratio	Lower Upper
128	100
129	12.3 9.6 14.4
127	15.1 12.0 18.0

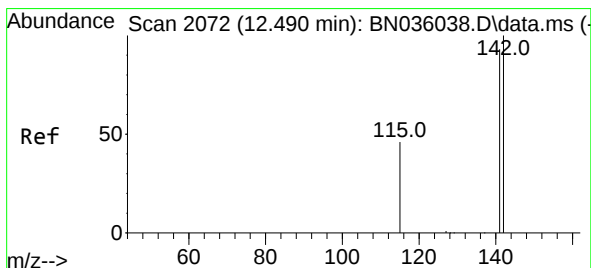
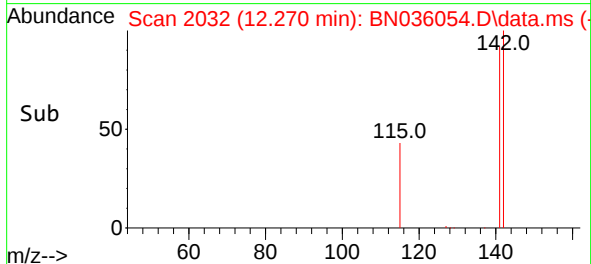
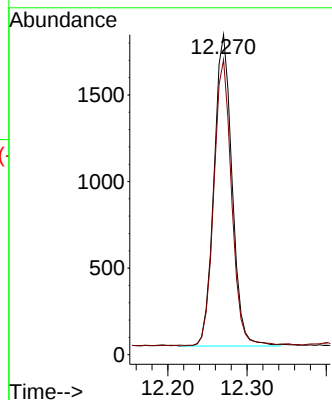
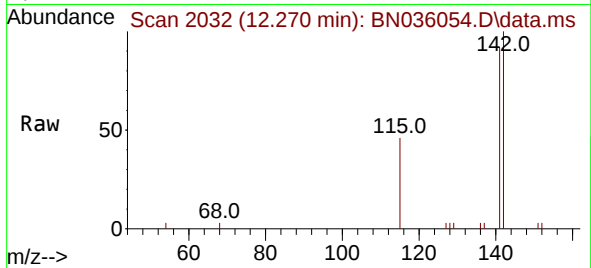




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.270 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

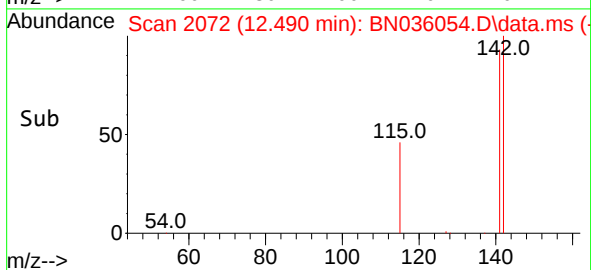
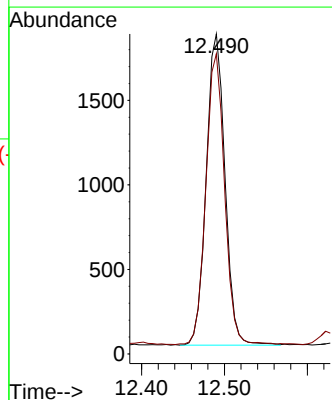
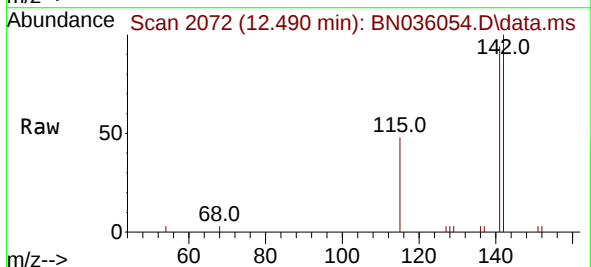
Instrument :
BNA_N
ClientSampleId :
SLCS255

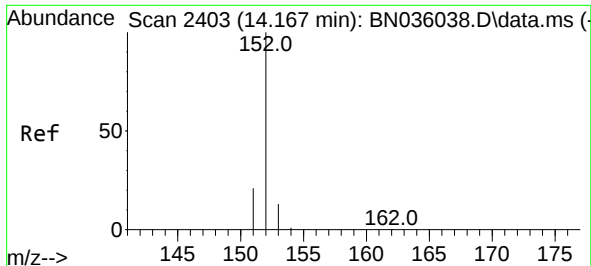
Tgt Ion:142 Resp: 2846
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.490 min Scan# 2072
Delta R.T. -0.001 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Tgt Ion:142 Resp: 2896
Ion Ratio Lower Upper
142 100
141 93.0 75.2 112.8

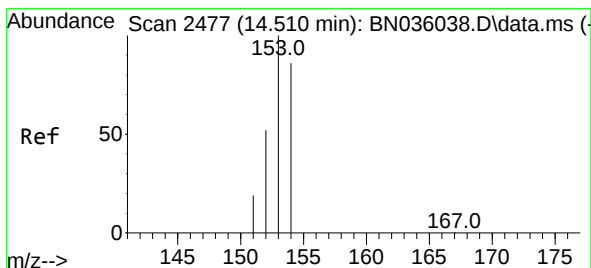
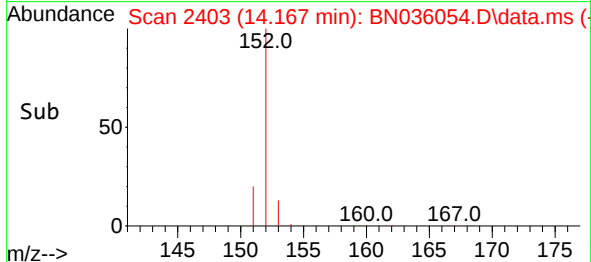
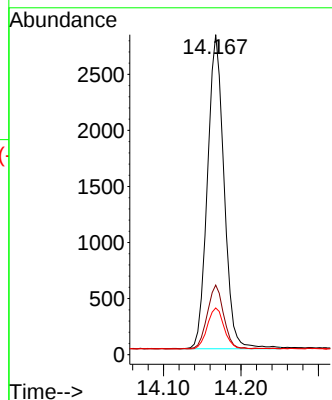
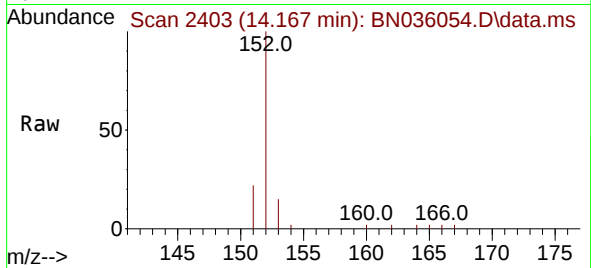




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 14.167 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

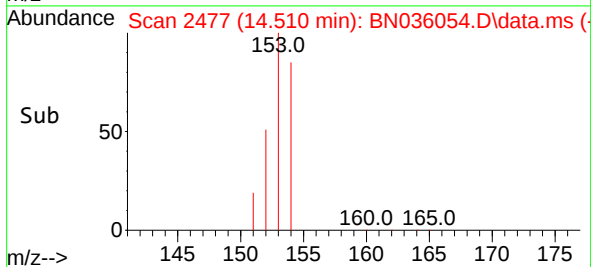
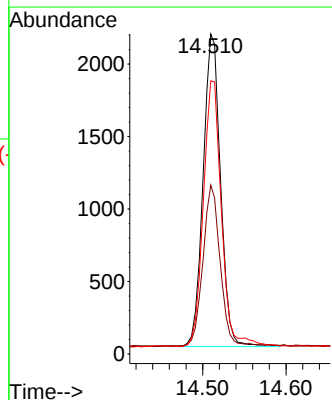
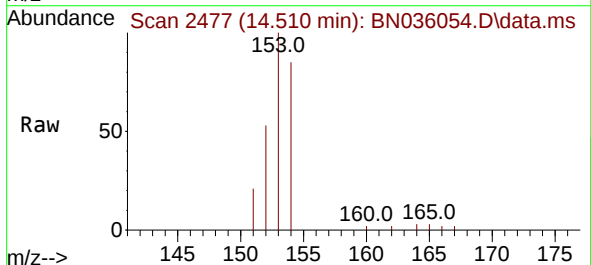
Instrument :
BNA_N
ClientSampleId :
SLCS255

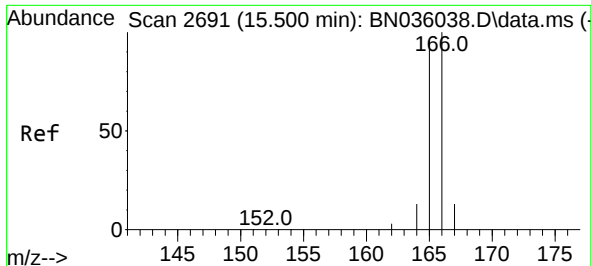
Tgt Ion:152 Resp: 4160
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Tgt Ion:153 Resp: 3140
Ion Ratio Lower Upper
153 100
152 52.8 43.2 64.8
154 85.4 70.5 105.7

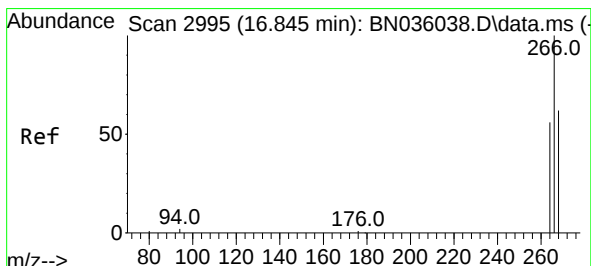
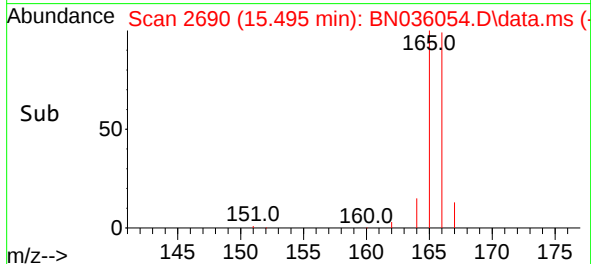
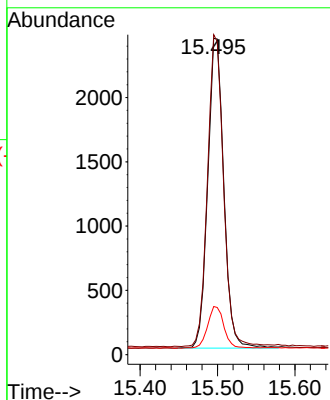
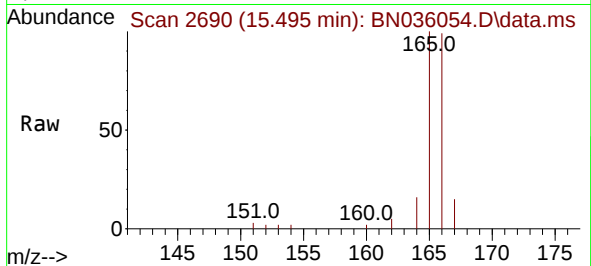




#12
 Fluorene
 Concen: 0.385 ng/ul
 RT: 15.495 min Scan# 2690
 Delta R.T. -0.005 min
 Lab File: BN036054.D
 Acq: 28 Jan 2025 01:37

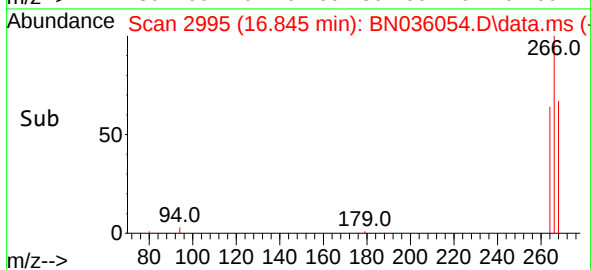
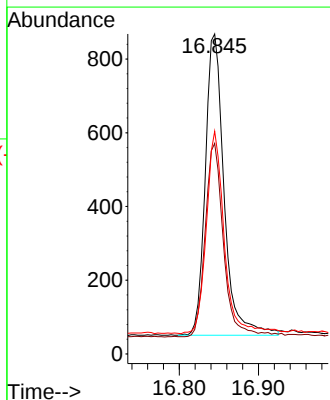
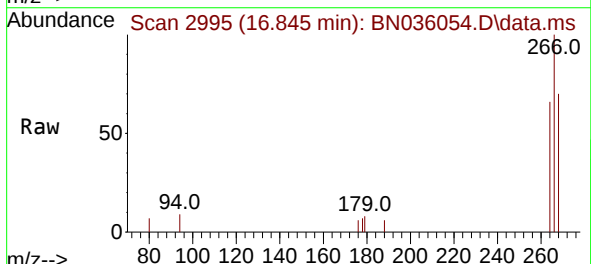
Instrument :
 BNA_N
 ClientSampleId :
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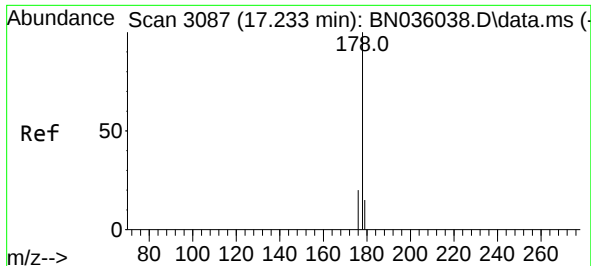
Tgt Ion:	166	Resp:	3477
Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.3	120.5
167	15.2	12.3	18.5



#14
 Pentachlorophenol
 Concen: 0.771 ng/ul
 RT: 16.845 min Scan# 2995
 Delta R.T. 0.004 min
 Lab File: BN036054.D
 Acq: 28 Jan 2025 01:37

Tgt Ion:	266	Resp:	1345
Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.6	75.8
268	64.2	50.6	75.8

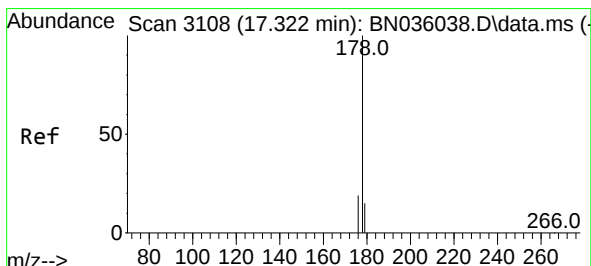
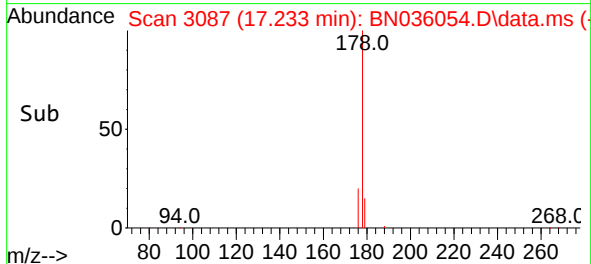
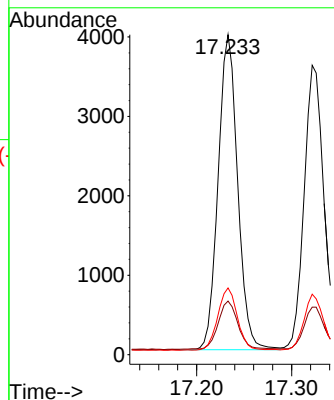
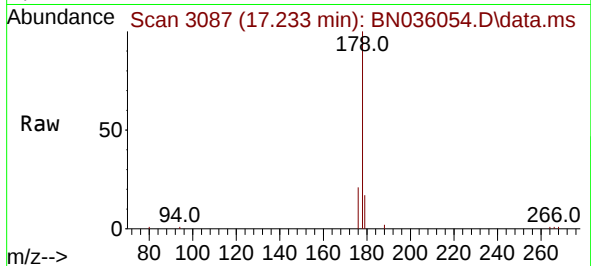




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.233 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

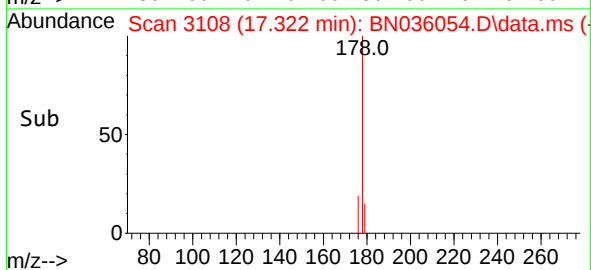
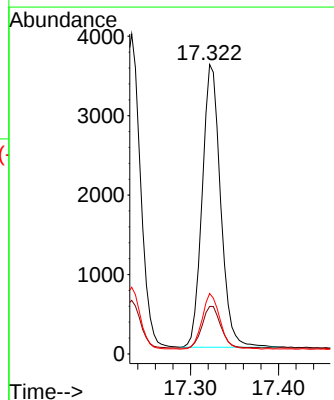
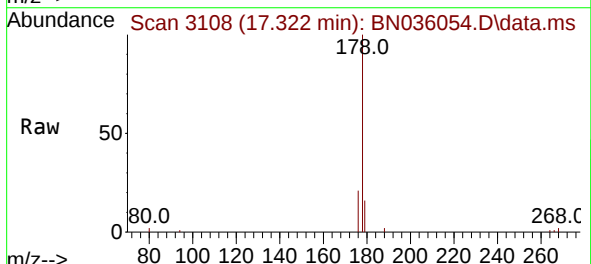
Instrument :
BNA_N
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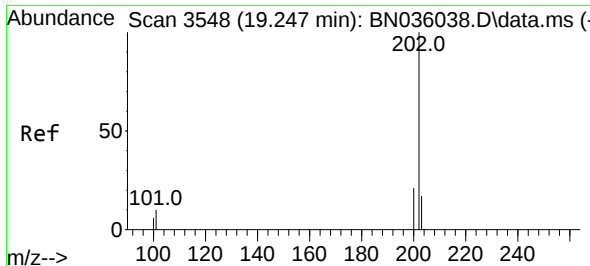
Tgt Ion:178 Resp: 5678
Ion Ratio Lower Upper
178 100
179 16.7 13.2 19.8
176 20.9 16.8 25.2



#16
Anthracene
Concen: 0.382 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Tgt Ion:178 Resp: 5179
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 20.9 15.9 23.9

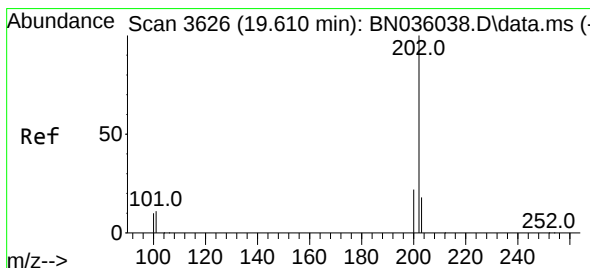
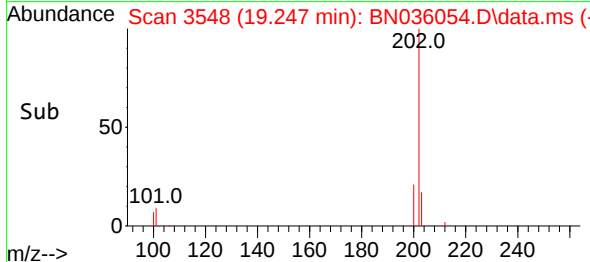
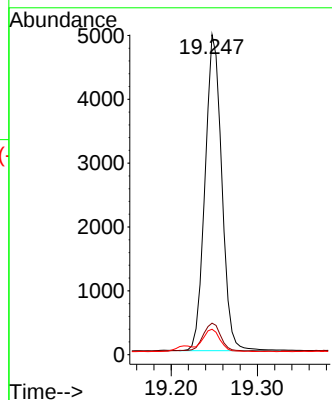
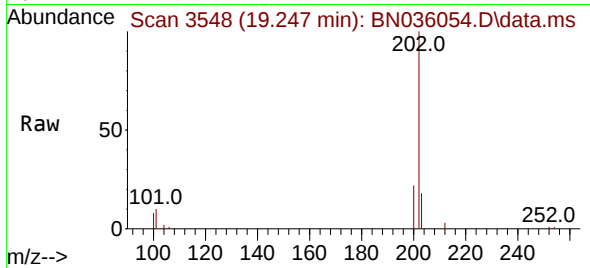




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.247 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

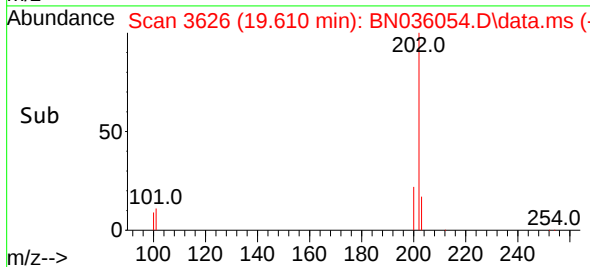
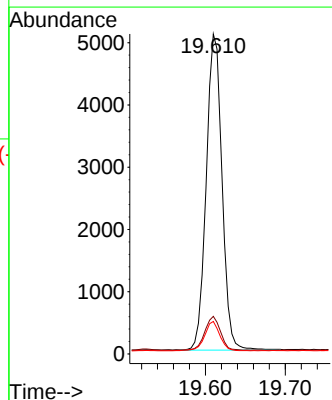
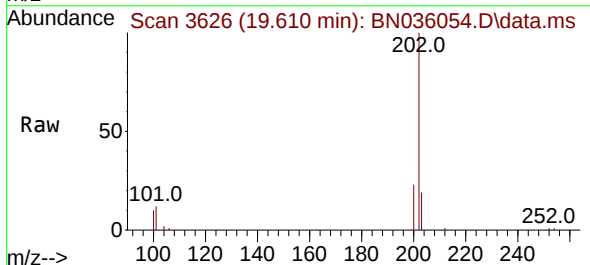
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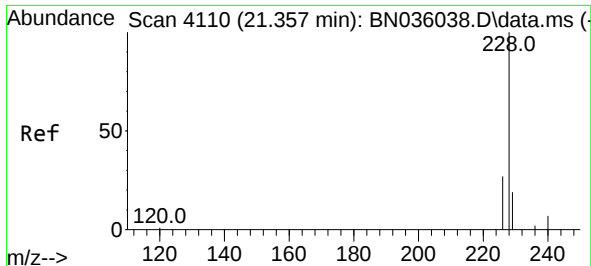
Tgt Ion:202 Resp: 6669
Ion Ratio Lower Upper
202 100
101 9.8 8.4 12.6
100 8.0 6.5 9.7



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Tgt Ion:202 Resp: 6952
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 10.2 7.5 11.3

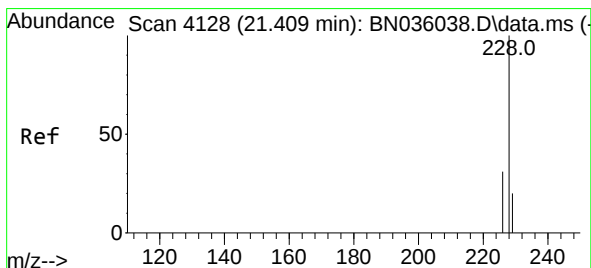
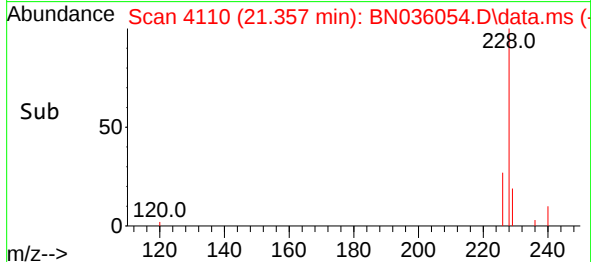
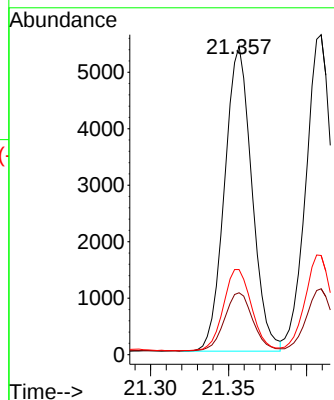
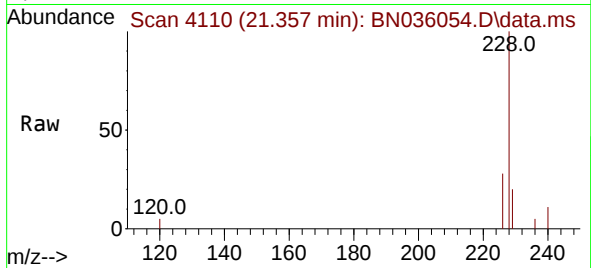




#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.357 min Scan# 4110
Delta R.T. 0.003 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

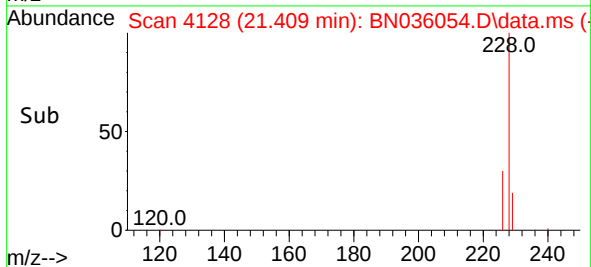
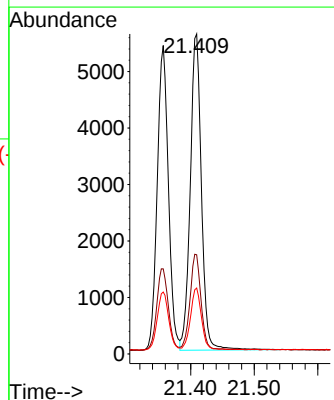
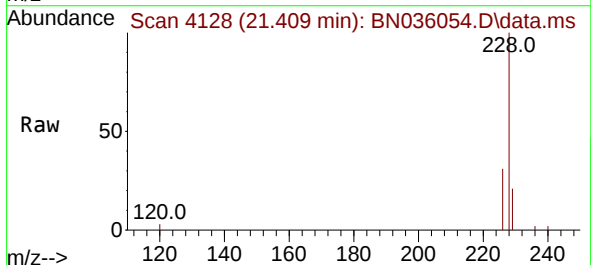
Instrument :
BNA_N
ClientSampleId :
SLCS255

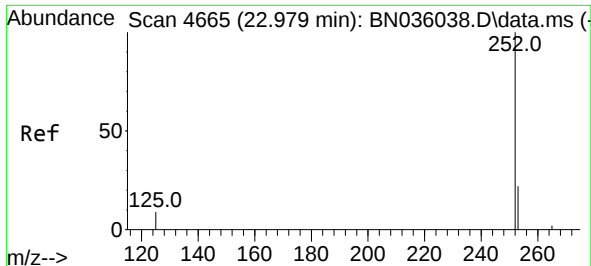
Tgt Ion:228 Resp: 6577
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.6 22.8 34.2



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.409 min Scan# 4128
Delta R.T. 0.003 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Tgt Ion:228 Resp: 6824
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.6 15.9 23.9

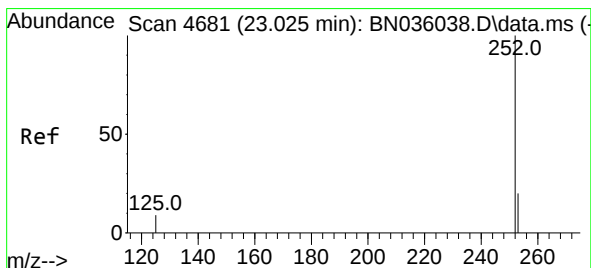
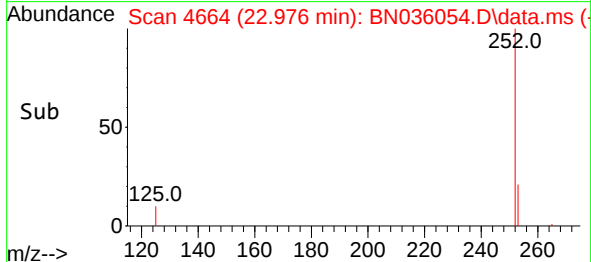
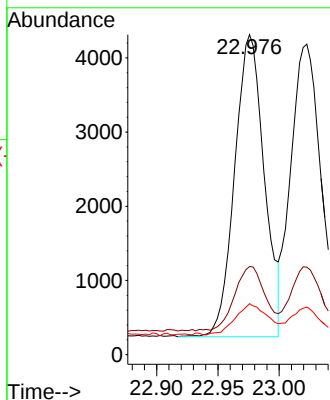
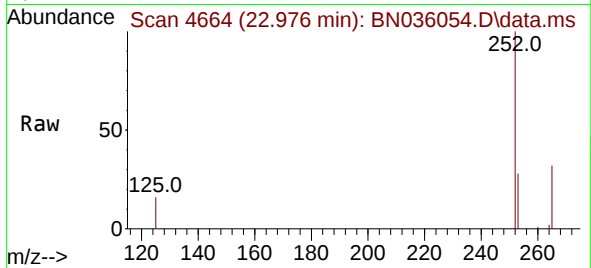




#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.976 min Scan# 4664
Delta R.T. 0.003 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

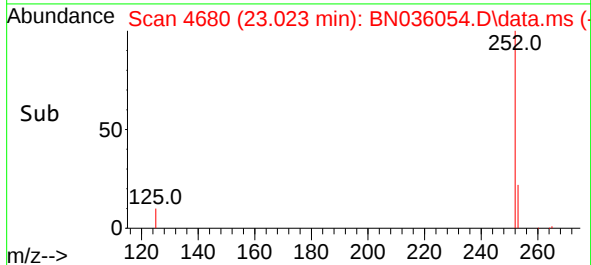
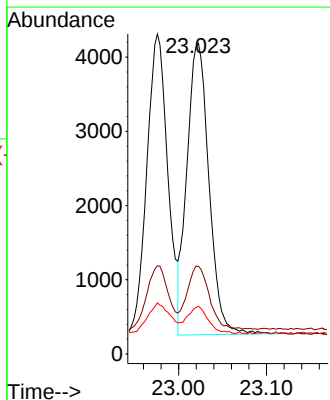
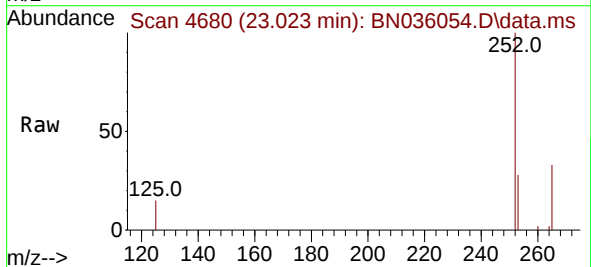
Instrument :
BNA_N
ClientSampleId :
SLCS255

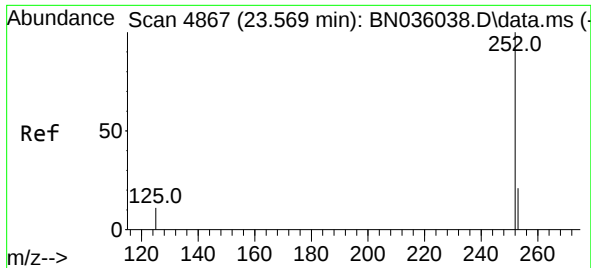
Tgt Ion:252 Resp: 6838
Ion Ratio Lower Upper
252 100
253 27.5 0.0 51.2
125 16.0 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul
RT: 23.023 min Scan# 4680
Delta R.T. 0.003 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Tgt Ion:252 Resp: 6854
Ion Ratio Lower Upper
252 100
253 28.2 20.2 30.4
125 15.4 10.6 16.0

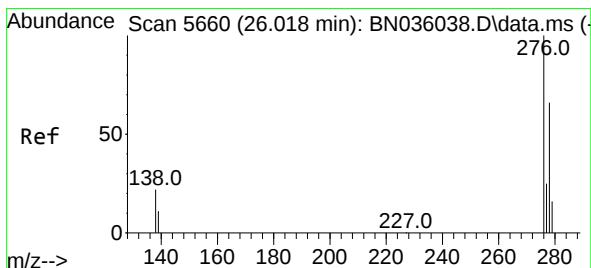
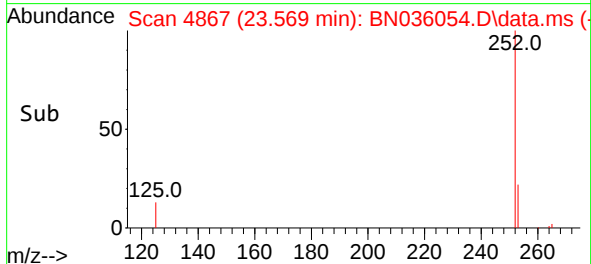
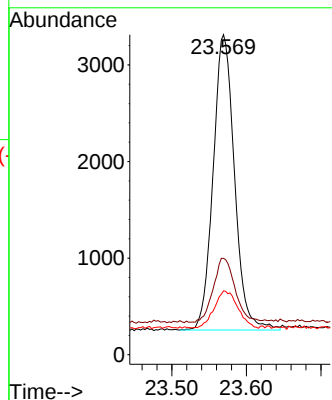
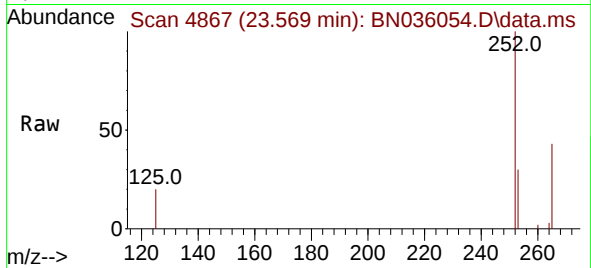




#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.569 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

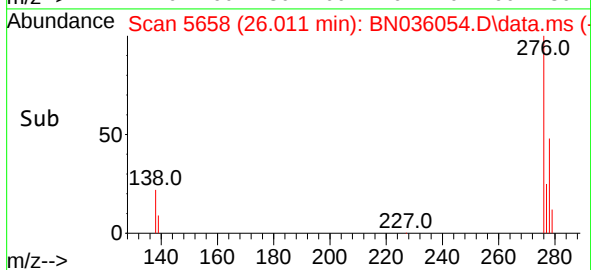
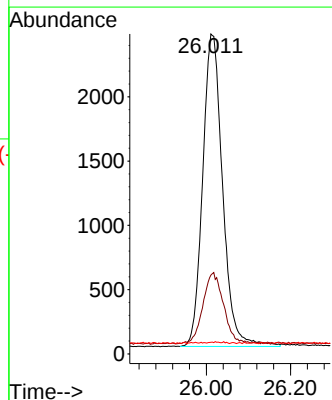
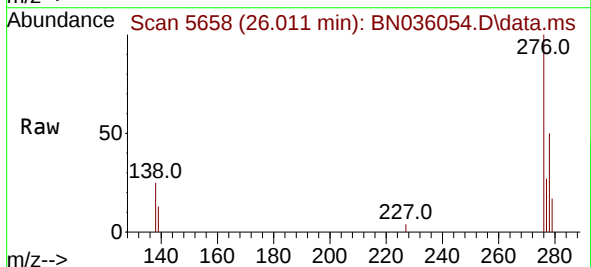
Instrument :
BNA_N
ClientSampleId :
SLCS255

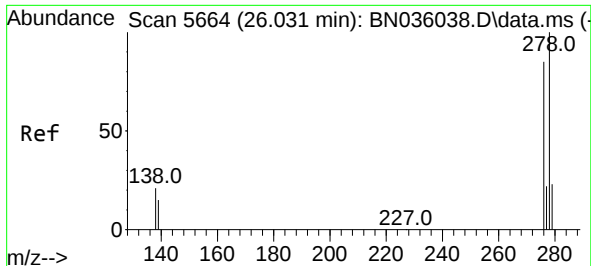
Tgt Ion:252 Resp: 6092
Ion Ratio Lower Upper
252 100
253 30.1 22.2 33.4
125 20.0 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 26.011 min Scan# 5658
Delta R.T. 0.007 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Tgt Ion:276 Resp: 7974
Ion Ratio Lower Upper
276 100
138 23.7 20.2 30.4
227 0.1 0.1 0.1#

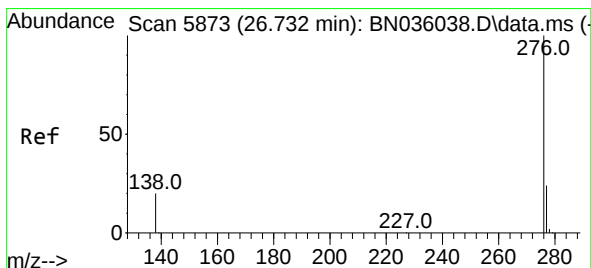
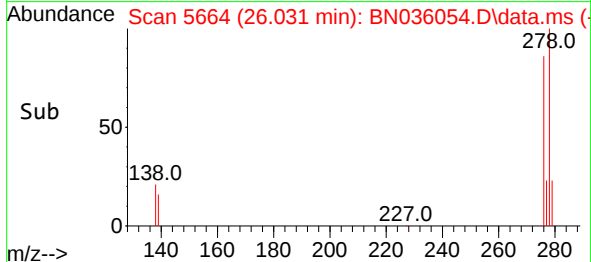
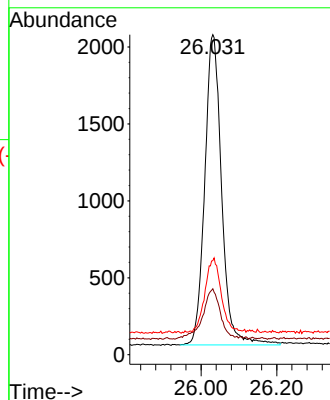
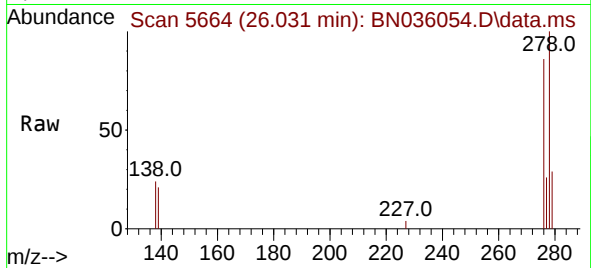




#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 26.031 min Scan# 5664
Delta R.T. 0.010 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Instrument :
BNA_N
ClientSampleId :
SLCS255

Tgt Ion:278 Resp: 6244
Ion Ratio Lower Upper
278 100
139 20.6 15.4 23.2
279 29.4 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.729 min Scan# 5872
Delta R.T. 0.010 min
Lab File: BN036054.D
Acq: 28 Jan 2025 01:37

Tgt Ion:276 Resp: 6278
Ion Ratio Lower Upper
276 100
138 22.9 19.4 29.0
277 26.0 21.1 31.7

