

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036037.D
 Acq On : 27 Jan 2025 15:19
 Operator : RC/JU
 Sample : PB166252BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS252

Quant Time: Jan 27 16:32:56 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)

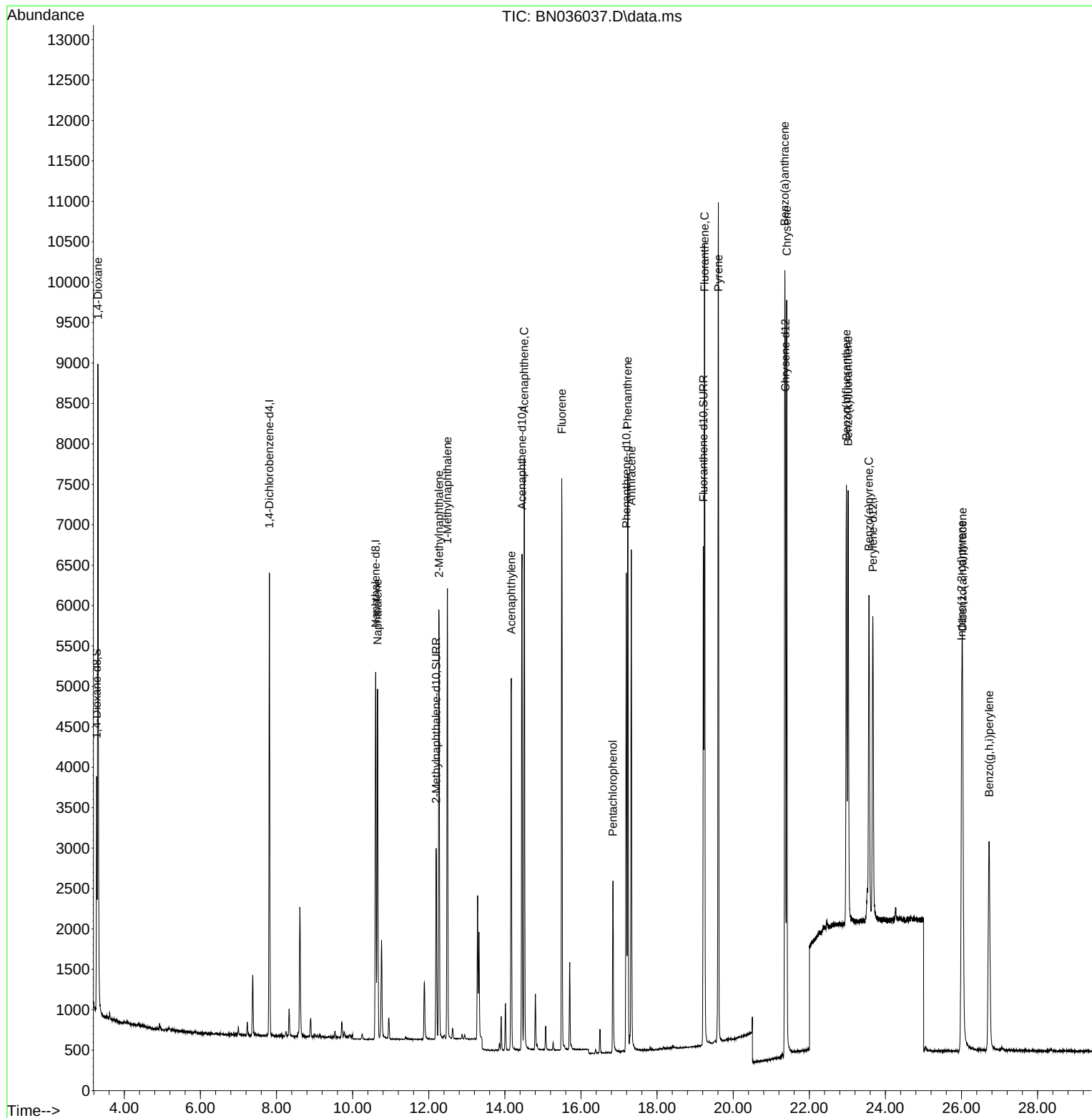
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	5839	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	3265	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	7043	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	5643	0.400	ng/ul	0.00
23) Perylene-d12	23.669	264	5191	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1855	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2987	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	6793	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	5143	1.614	ng/ul	88
5) Naphthalene	10.655	128	5665	0.352	ng/ul	100
7) 2-Methylnaphthalene	12.271	142	3598	0.360	ng/ul	99
8) 1-Methylnaphthalene	12.491	142	3663	0.361	ng/ul	100
10) Acenaphthylene	14.168	152	5198	0.338	ng/ul	99
11) Acenaphthene	14.510	153	4001	0.353	ng/ul	98
12) Fluorene	15.495	166	4392	0.351	ng/ul	99
14) Pentachlorophenol	16.841	266	1446	0.586	ng/ul	98
15) Phenanthrene	17.229	178	7419	0.360	ng/ul	98
16) Anthracene	17.322	178	6564	0.342	ng/ul	100
19) Fluoranthene	19.248	202	8534	0.398	ng/ul	99
20) Pyrene	19.610	202	8871	0.396	ng/ul	98
21) Benzo(a)anthracene	21.357	228	7347	0.365	ng/ul	99
22) Chrysene	21.407	228	7931	0.385	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	6940	0.401	ng/ul	98
25) Benzo(k)fluoranthene	23.020	252	7334	0.403	ng/ul	96
26) Benzo(a)pyrene	23.567	252	6118	0.391	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.005	276	7232	0.350	ng/ul#	50
28) Dibenzo(a,h)anthracene	26.028	278	5545	0.348	ng/ul	97
29) Benzo(g,h,i)perylene	26.726	276	5702	0.355	ng/ul	99

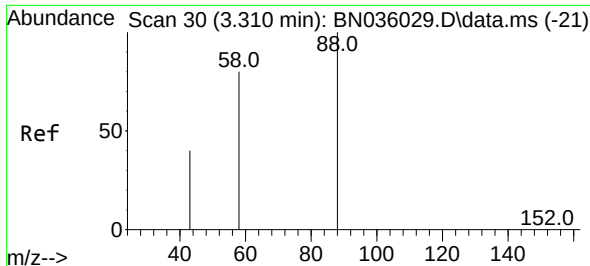
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
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Quant Time: Jan 27 16:32:56 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
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#2

1,4-Dioxane

Concen: 1.614 ng/ul

RT: 3.305 min Scan# 29

Delta R.T. -0.009 min

Lab File: BN036037.D

Acq: 27 Jan 2025 15:19

Instrument :

BNA_N

ClientSampleId :

SLCS252

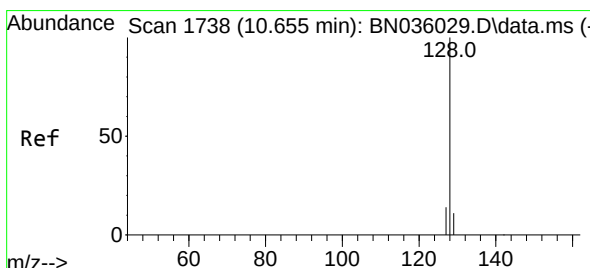
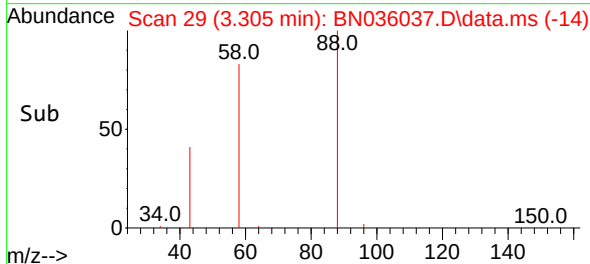
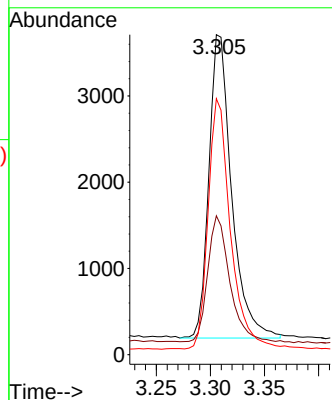
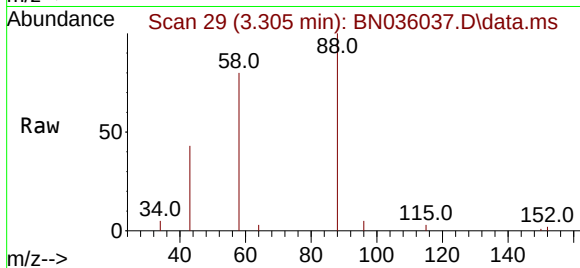
Tgt Ion: 88 Resp: 5143

Ion Ratio Lower Upper

88 100

43 43.4 40.7 61.1

58 80.0 55.2 82.8



#5

Naphthalene

Concen: 0.352 ng/ul

RT: 10.655 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BN036037.D

Acq: 27 Jan 2025 15:19

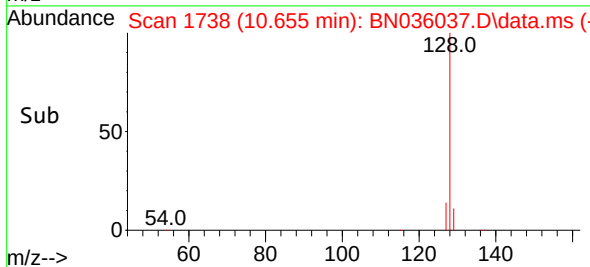
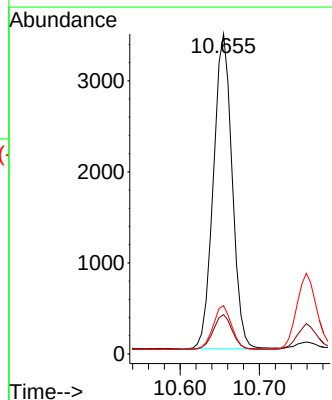
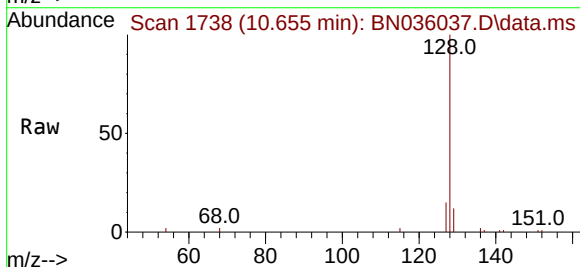
Tgt Ion:128 Resp: 5665

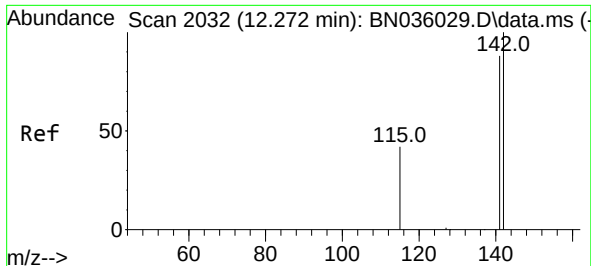
Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

127 15.1 12.0 18.0

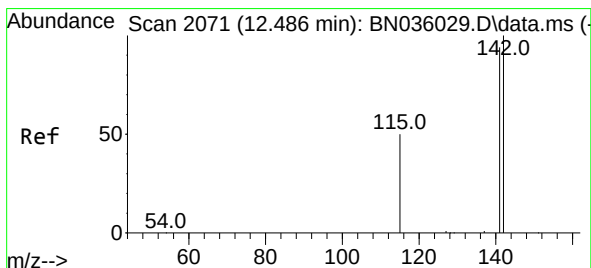
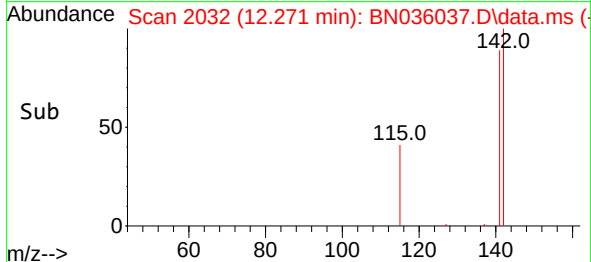
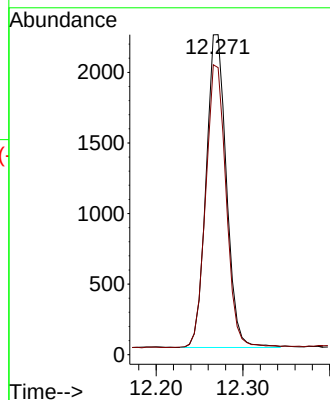
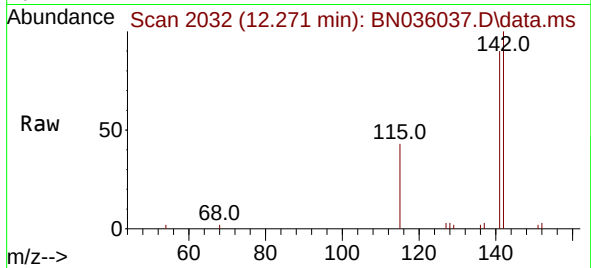




#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

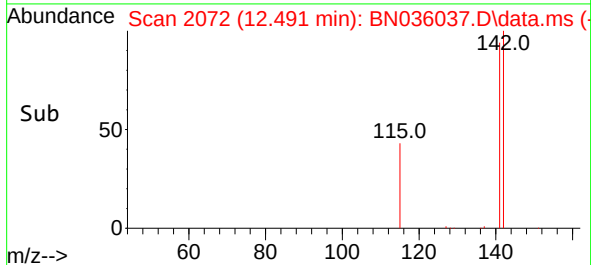
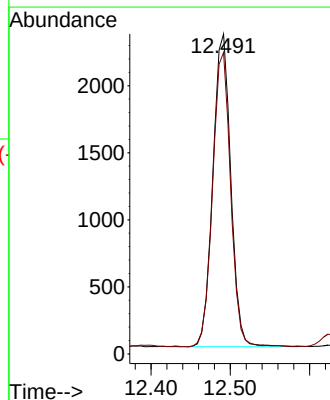
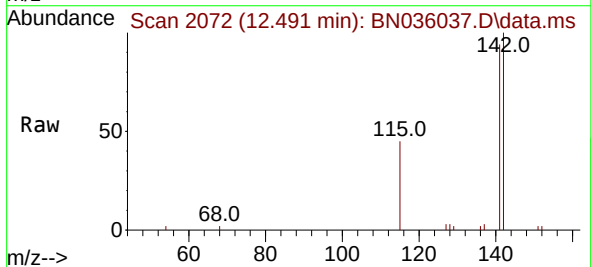
Instrument :
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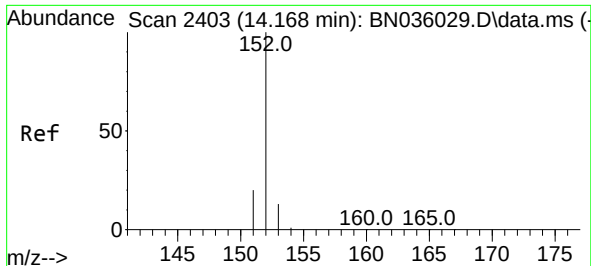
Tgt Ion:142 Resp: 3598
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Tgt Ion:142 Resp: 3663
Ion Ratio Lower Upper
142 100
141 94.3 75.2 112.8

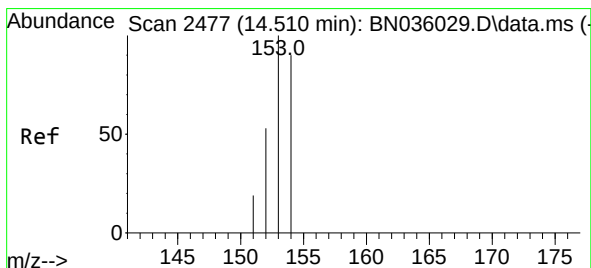
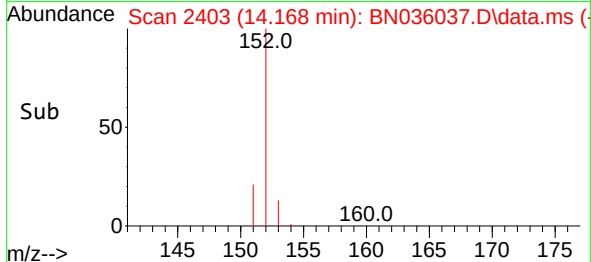
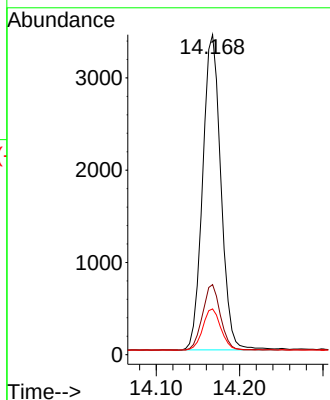
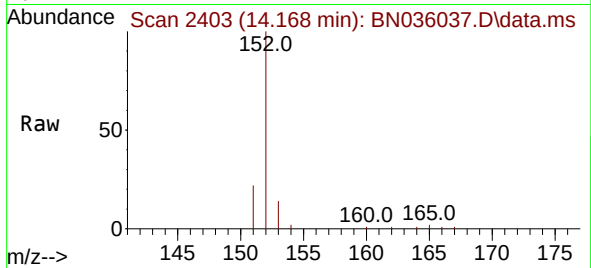




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

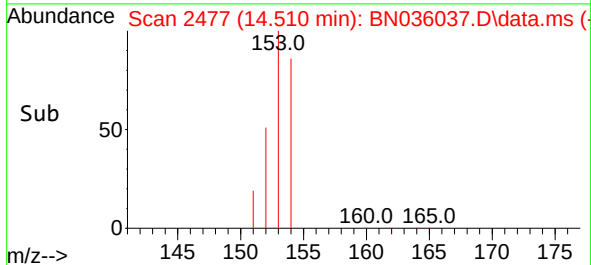
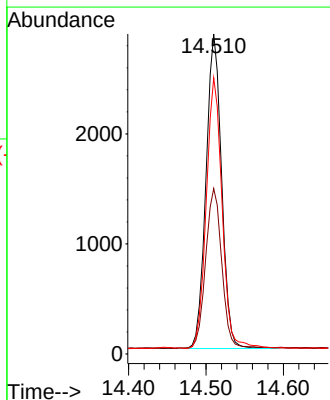
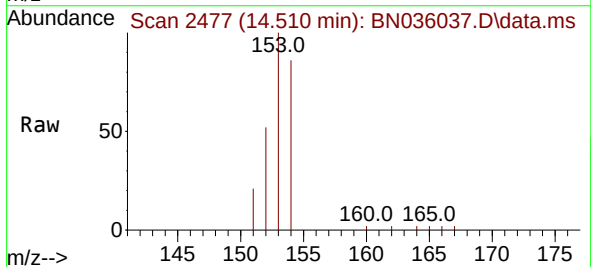
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BNA_N
ClientSampleId :
SLCS252

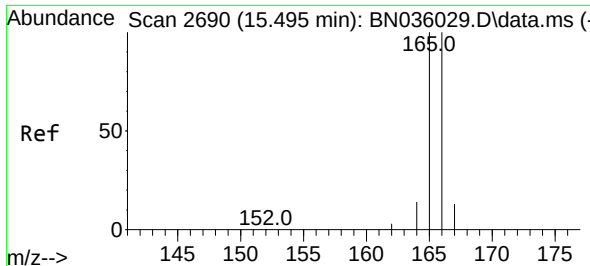
Tgt Ion:152 Resp: 5198
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2
153 14.3 11.9 17.9



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Tgt Ion:153 Resp: 4001
Ion Ratio Lower Upper
153 100
152 51.7 43.2 64.8
154 86.3 70.5 105.7

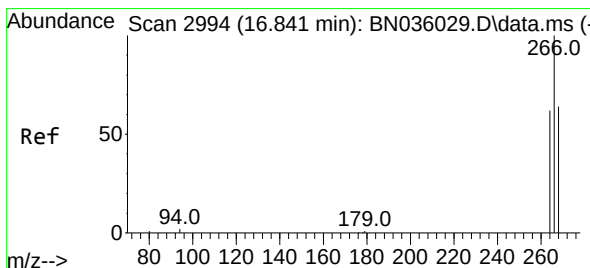
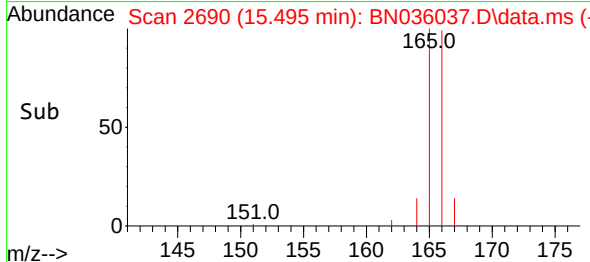
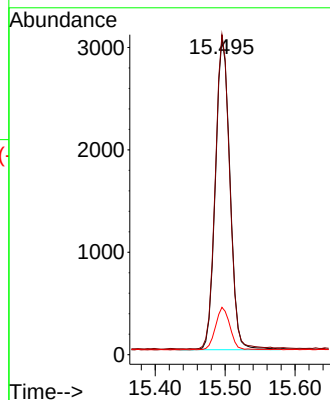
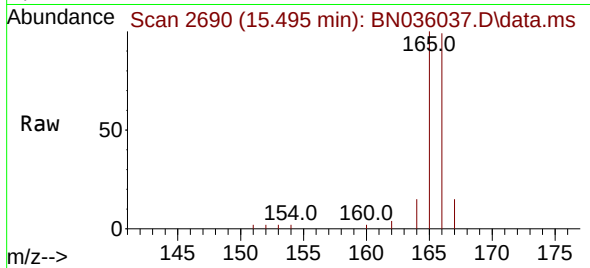




#12
 Fluorene
 Concen: 0.351 ng/ul
 RT: 15.495 min Scan# 2690
 Delta R.T. -0.005 min
 Lab File: BN036037.D
 Acq: 27 Jan 2025 15:19

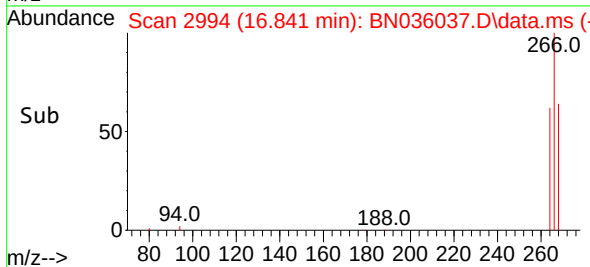
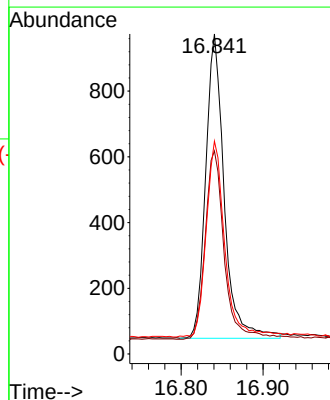
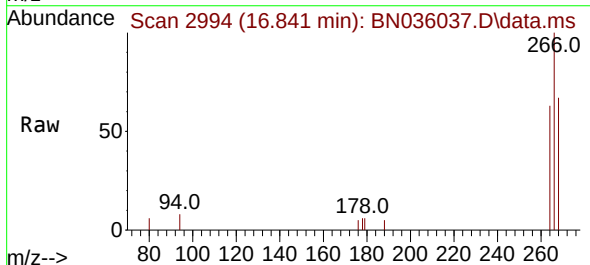
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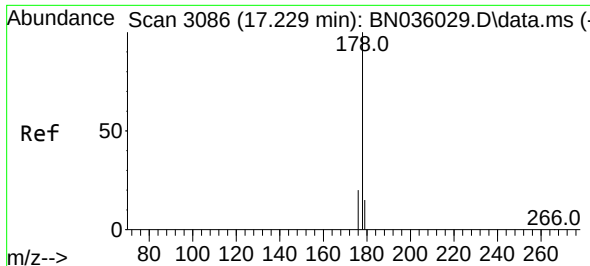
Tgt Ion:166 Resp: 4392
 Ion Ratio Lower Upper
 166 100
 165 100.9 80.3 120.5
 167 15.0 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.586 ng/ul
 RT: 16.841 min Scan# 2994
 Delta R.T. -0.000 min
 Lab File: BN036037.D
 Acq: 27 Jan 2025 15:19

Tgt Ion:266 Resp: 1446
 Ion Ratio Lower Upper
 266 100
 264 63.9 50.6 75.8
 268 65.0 50.6 75.8

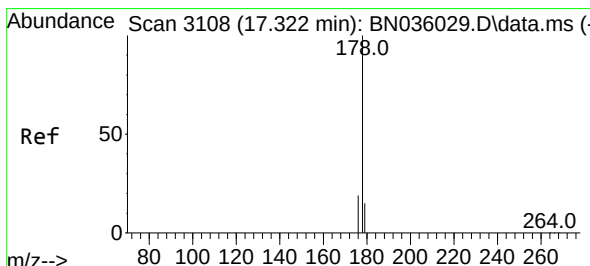
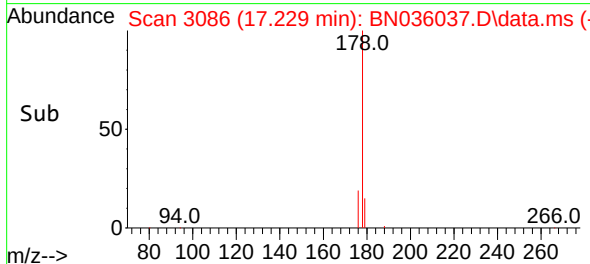
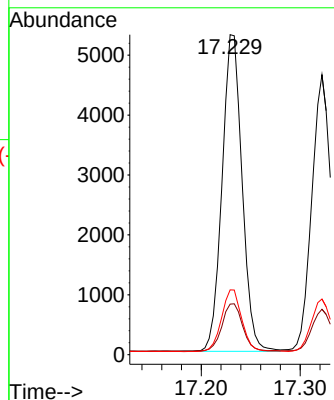
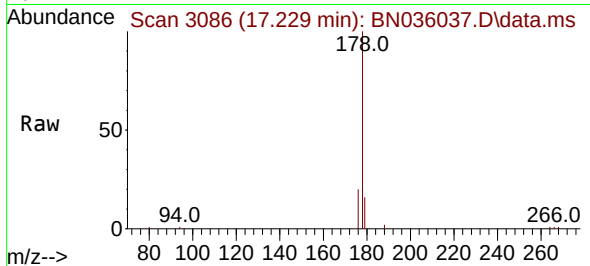




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.229 min Scan# 3086
Delta R.T. -0.004 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

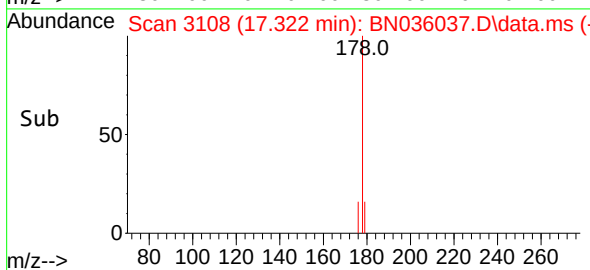
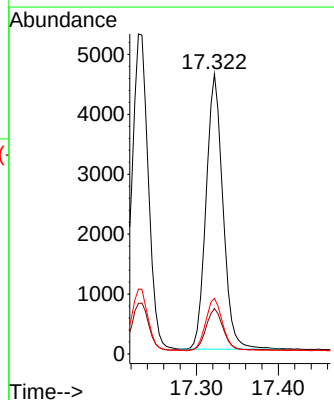
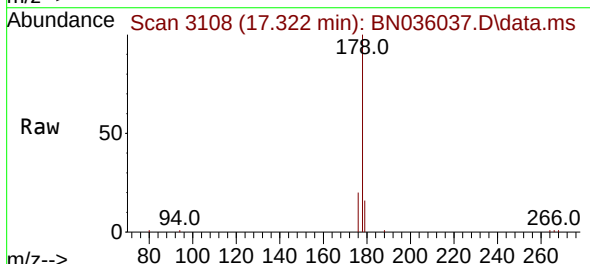
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SLCS252

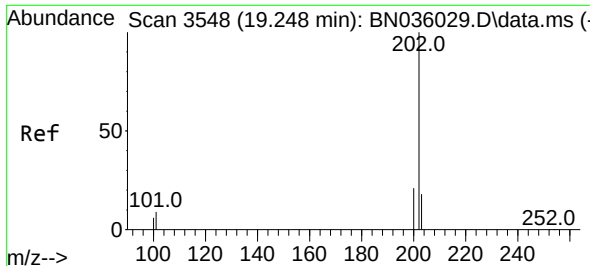
Tgt Ion:178 Resp: 7419
Ion Ratio Lower Upper
178 100
179 15.8 13.2 19.8
176 20.3 16.8 25.2



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Tgt Ion:178 Resp: 6564
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.9 15.9 23.9

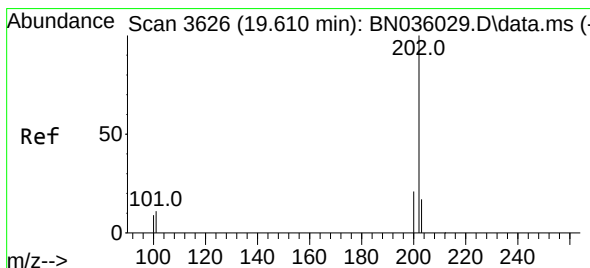
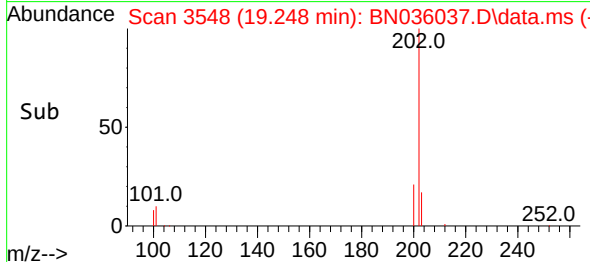
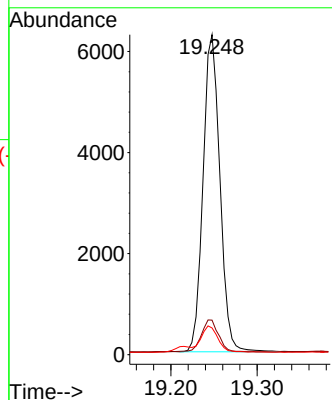
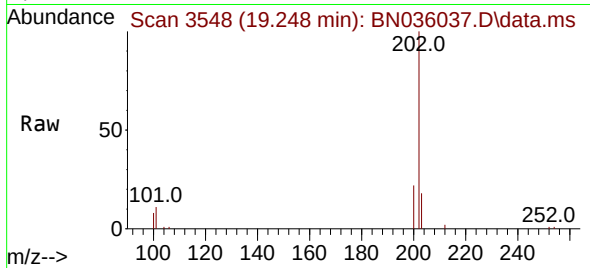




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.248 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

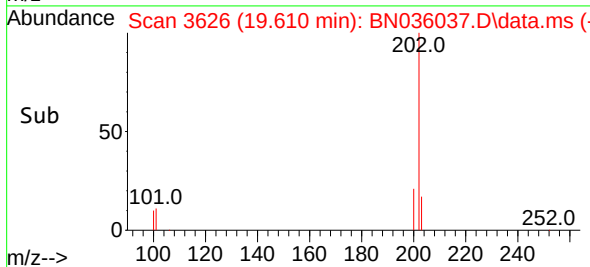
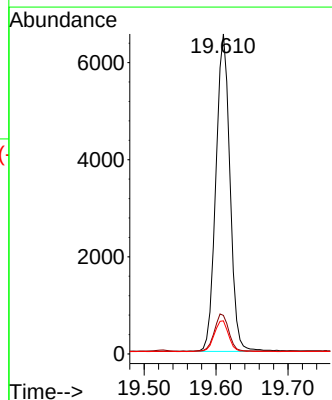
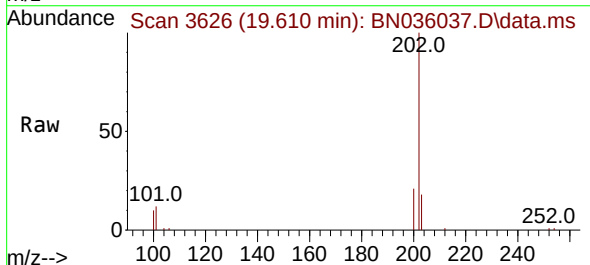
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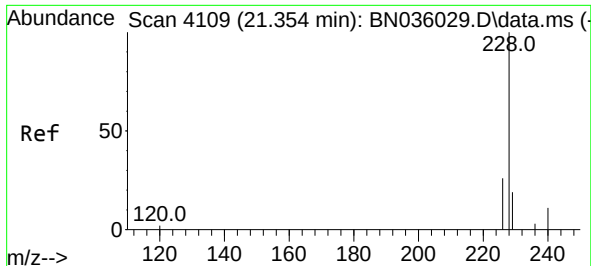
Tgt Ion:202 Resp: 8534
Ion Ratio Lower Upper
202 100
101 10.8 8.4 12.6
100 8.4 6.5 9.7



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Tgt Ion:202 Resp: 8871
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 10.4 7.5 11.3

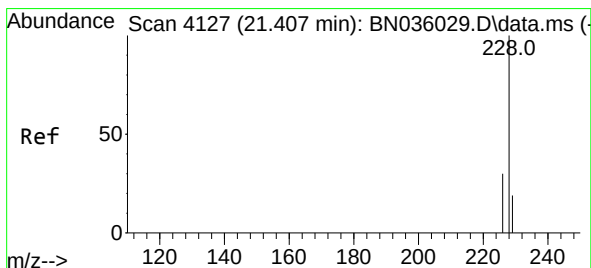
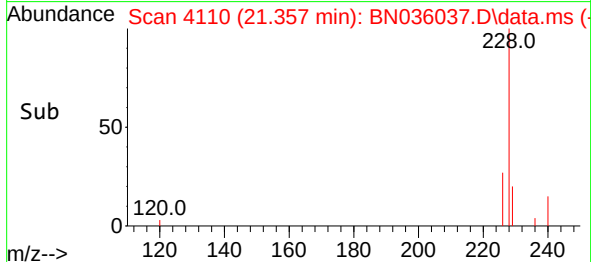
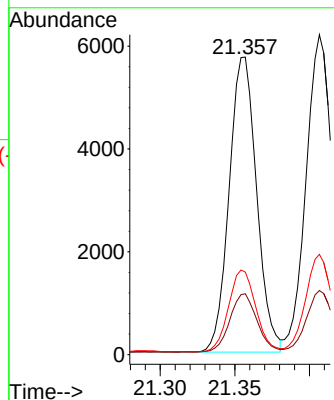
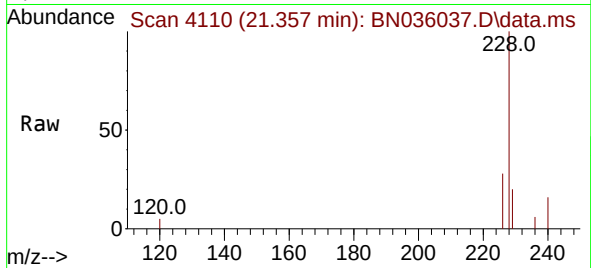




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.357 min Scan# 4110
Delta R.T. 0.003 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

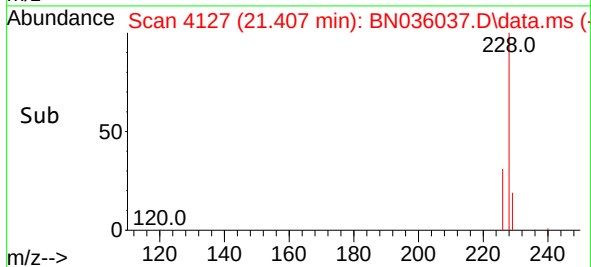
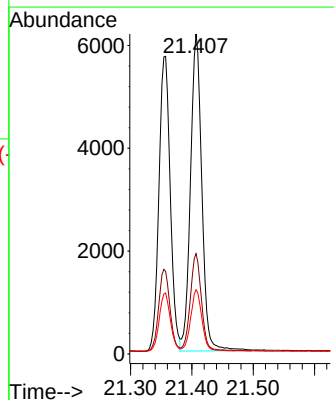
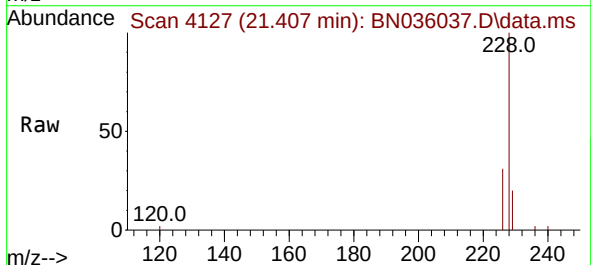
Instrument :
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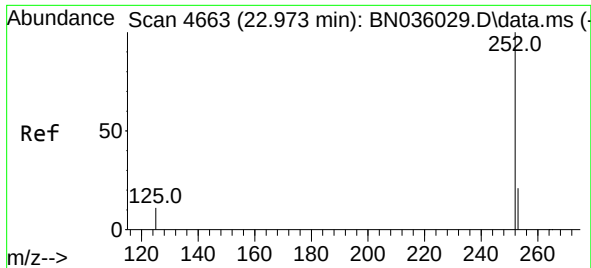
Tgt Ion:228 Resp: 7347
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 27.7 22.8 34.2



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.407 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Tgt Ion:228 Resp: 7931
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 20.1 15.9 23.9

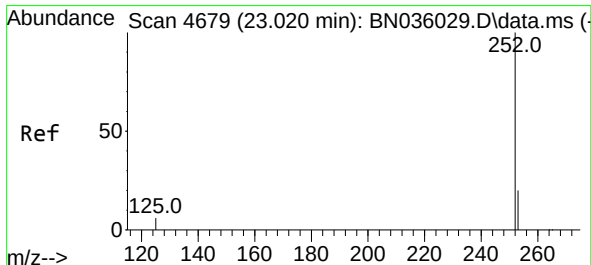
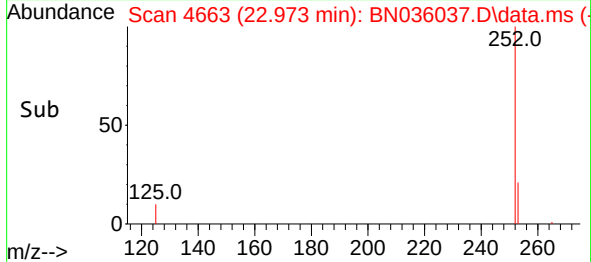
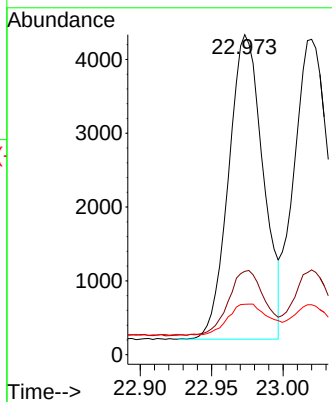
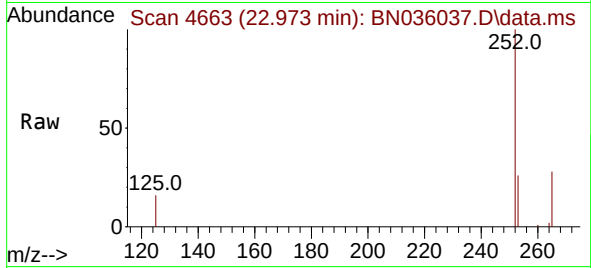




#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 22.973 min Scan# 4663
Delta R.T. 0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

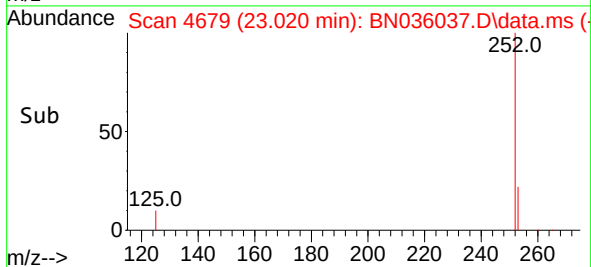
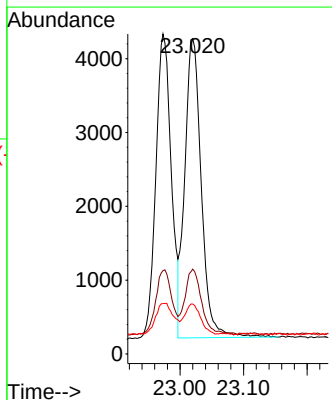
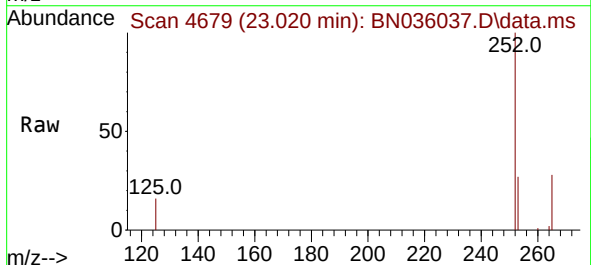
Instrument :
BNA_N
ClientSampleId :
SLCS252

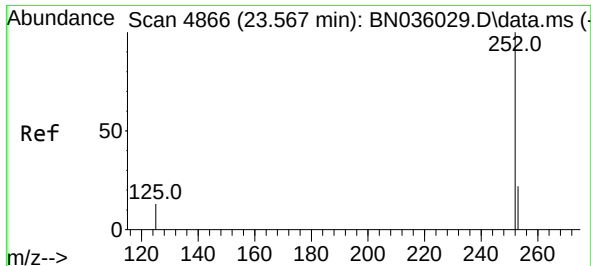
Tgt Ion:252 Resp: 6940
Ion Ratio Lower Upper
252 100
253 26.0 0.0 51.2
125 15.8 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 23.020 min Scan# 4679
Delta R.T. 0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Tgt Ion:252 Resp: 7334
Ion Ratio Lower Upper
252 100
253 26.9 20.2 30.4
125 15.8 10.6 16.0

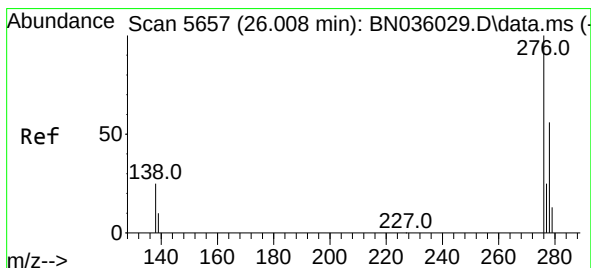
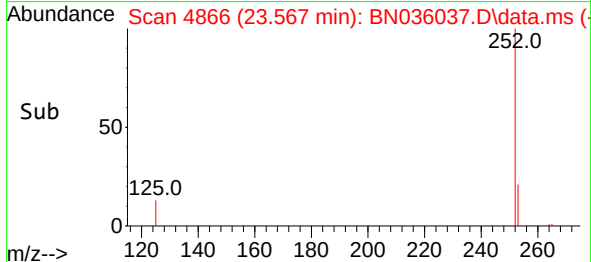
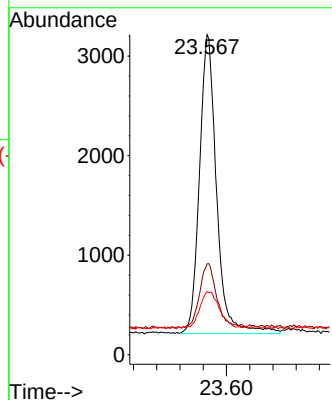
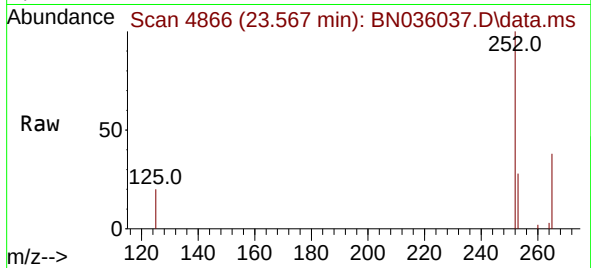




#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.567 min Scan# 4866
Delta R.T. 0.003 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

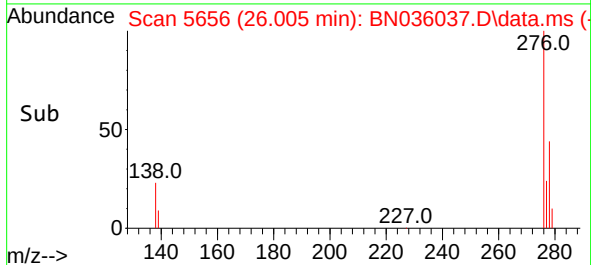
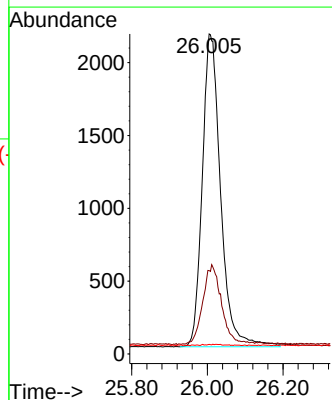
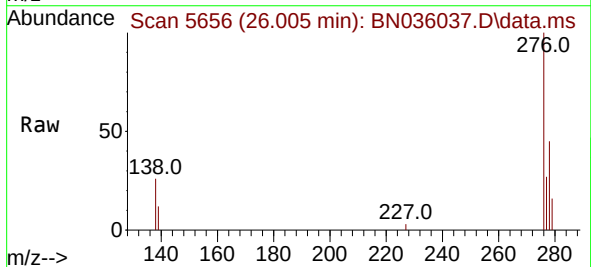
Instrument :
BNA_N
ClientSampleId :
SLCS252

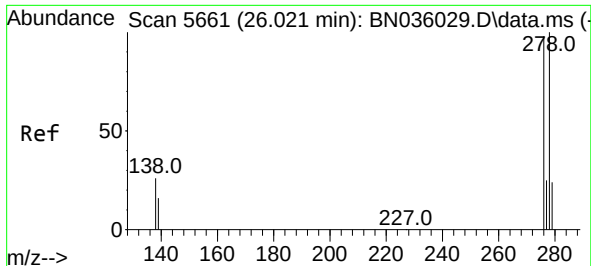
Tgt Ion:252 Resp: 6118
Ion Ratio Lower Upper
252 100
253 28.4 22.2 33.4
125 19.7 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/ul
RT: 26.005 min Scan# 5656
Delta R.T. 0.000 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Tgt Ion:276 Resp: 7232
Ion Ratio Lower Upper
276 100
138 0.0 20.2 30.4#
227 0.0 0.1 0.1#

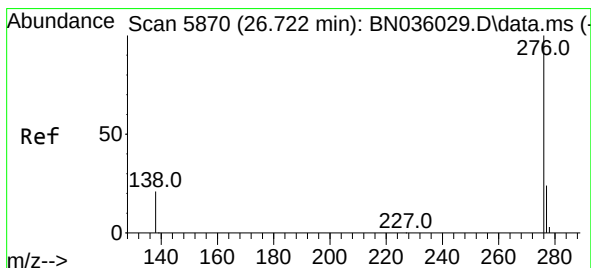
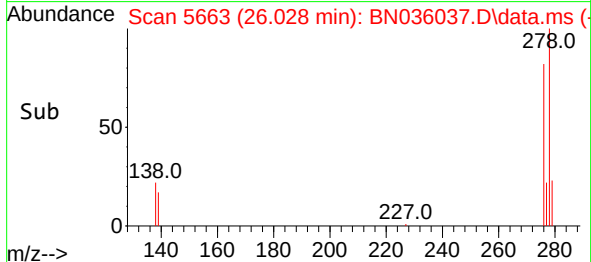
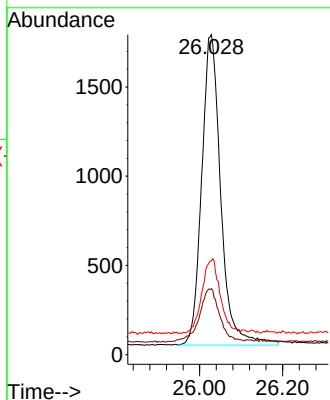
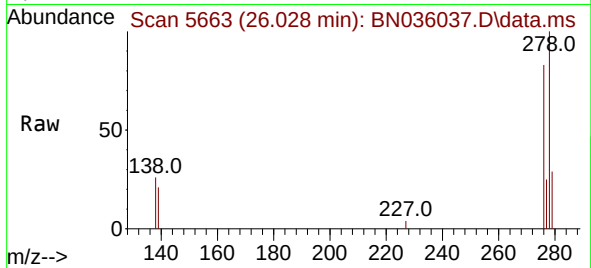




#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 26.028 min Scan# 5663
Delta R.T. 0.007 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:	278	Resp:	5545
Ion Ratio	Lower	Upper	
278	100		
139	20.6	15.4	23.2
279	29.3	22.2	33.4



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.726 min Scan# 5871
Delta R.T. 0.007 min
Lab File: BN036037.D
Acq: 27 Jan 2025 15:19

Tgt Ion:	276	Resp:	5702
Ion Ratio	Lower	Upper	
276	100		
138	24.7	19.4	29.0
277	26.4	21.1	31.7

