

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036186.D
 Acq On : 01 Feb 2025 02:03
 Operator : RC/JU
 Sample : PB166368BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS368

Quant Time: Feb 03 08:53:27 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)

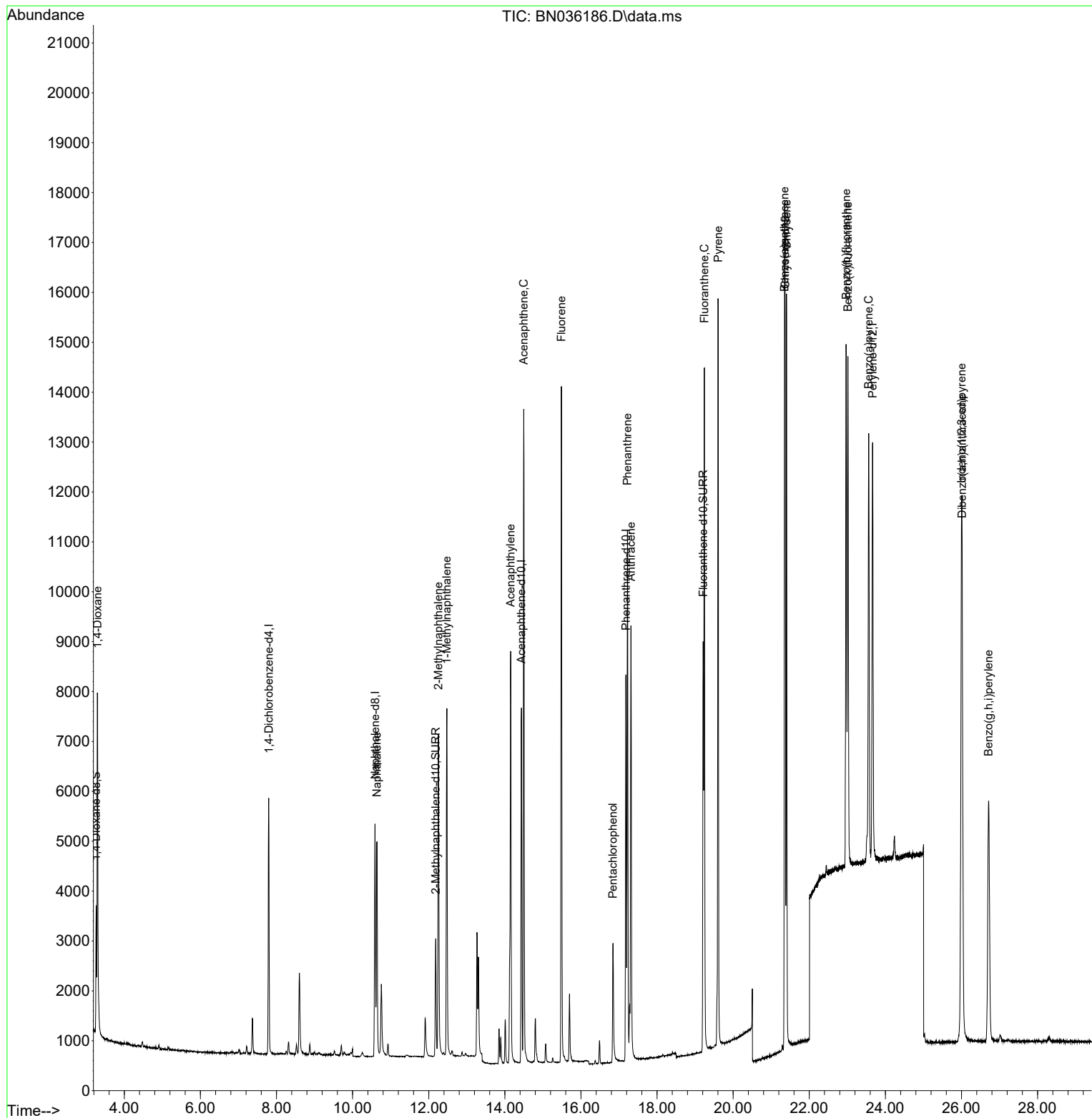
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	2593	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.589	136	6510	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	4091	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.183	188	9526	0.400	ng/ul	0.00
17) Chrysene-d12	21.366	240	10542	0.400	ng/ul	0.00
23) Perylene-d12	23.664	264	11561	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	1651	0.582	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.183	152	3365	0.409	ng/ul	-0.02
18) Fluoranthene-d10	19.211	212	9541	0.329	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	4485	1.480	ng/ul	90
5) Naphthalene	10.638	128	6171	0.344	ng/ul	100
7) 2-Methylnaphthalene	12.255	142	4827	0.433	ng/ul	100
8) 1-Methylnaphthalene	12.475	142	5085	0.450	ng/ul	99
10) Acenaphthylene	14.154	152	9434	0.489	ng/ul	98
11) Acenaphthene	14.496	153	7485	0.527	ng/ul	97
12) Fluorene	15.486	166	8741	0.558	ng/ul	99
14) Pentachlorophenol	16.841	266	1954	0.586	ng/ul	99
15) Phenanthrene	17.221	178	11566	0.415	ng/ul	98
16) Anthracene	17.314	178	10030	0.387	ng/ul	99
19) Fluoranthene	19.243	202	12378	0.309	ng/ul	99
20) Pyrene	19.606	202	13237	0.317	ng/ul	99
21) Benzo(a)anthracene	21.352	228	12856	0.342	ng/ul	99
22) Chrysene	21.401	228	12987	0.338	ng/ul	99
24) Benzo(b)fluoranthene	22.968	252	13346	0.346	ng/ul	93
25) Benzo(k)fluoranthene	23.015	252	13637	0.336	ng/ul#	94
26) Benzo(a)pyrene	23.561	252	12029	0.345	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.998	276	14165	0.307	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.018	278	11143	0.314	ng/ul	98
29) Benzo(g,h,i)perylene	26.713	276	10964	0.306	ng/ul	99

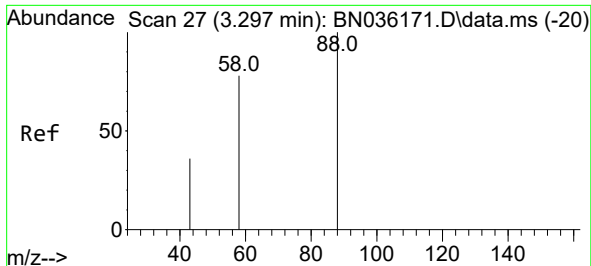
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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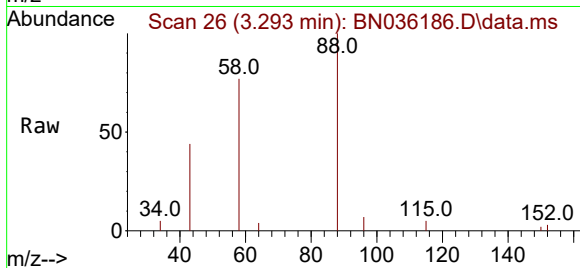
Quant Time: Feb 03 08:53:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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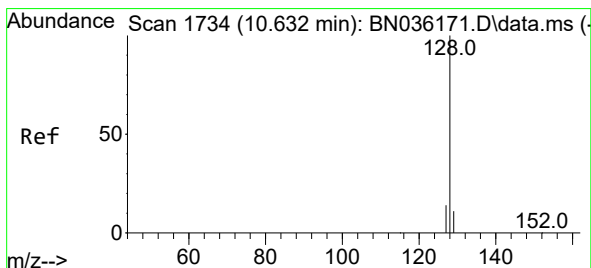
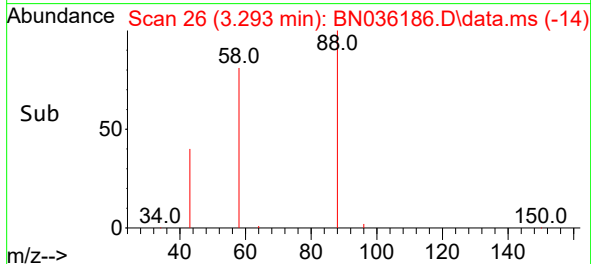
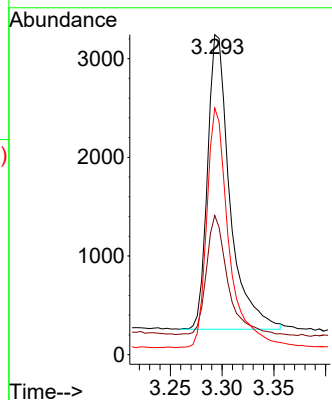
#2
 1,4-Dioxane
 Concen: 1.480 ng/ul
 RT: 3.293 min Scan# 20
 Delta R.T. -0.021 min
 Lab File: BN036186.D
 Acq: 01 Feb 2025 02:03

Instrument :
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Tgt Ion: 88 Resp: 4485

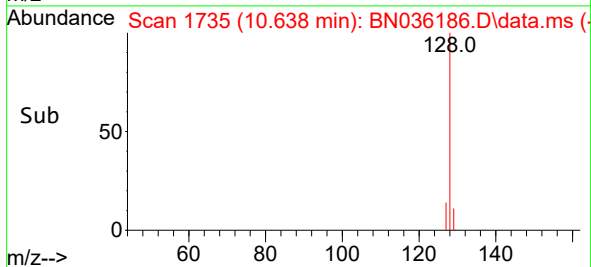
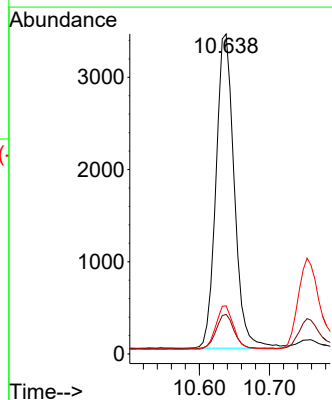
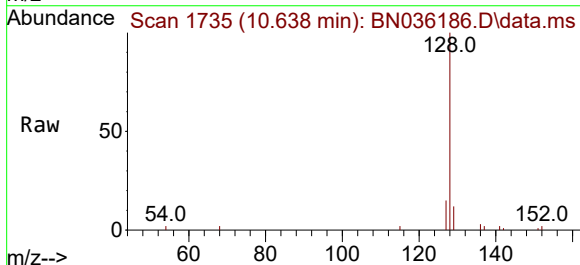
Ion	Ratio	Lower	Upper
88	100		
43	43.5	40.7	61.1
58	77.1	55.2	82.8

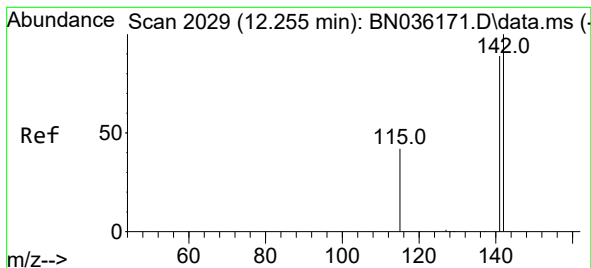


#5
 Naphthalene
 Concen: 0.344 ng/ul
 RT: 10.638 min Scan# 1735
 Delta R.T. -0.017 min
 Lab File: BN036186.D
 Acq: 01 Feb 2025 02:03

Tgt Ion: 128 Resp: 6171

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	15.0	12.0	18.0

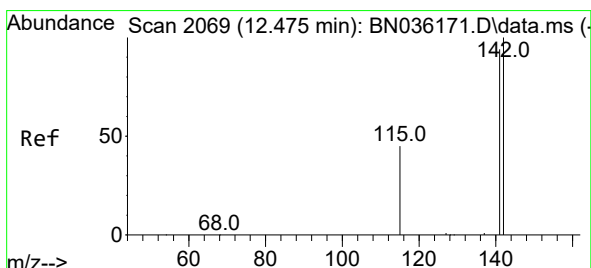
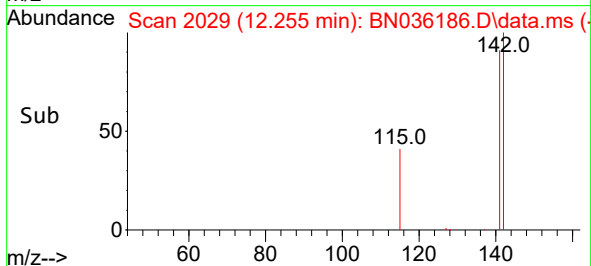
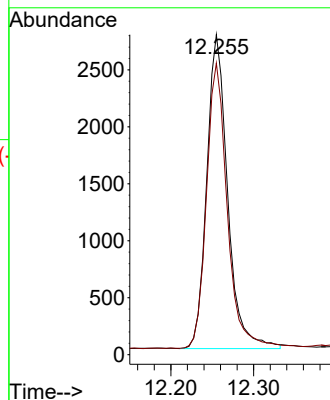
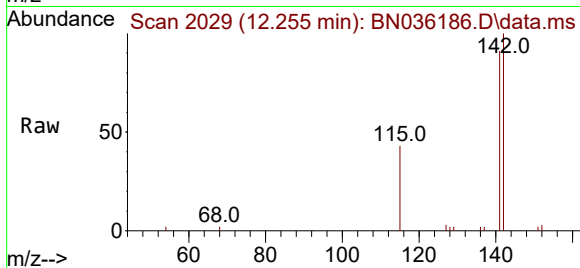




#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.255 min Scan# 2029
Delta R.T. -0.017 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

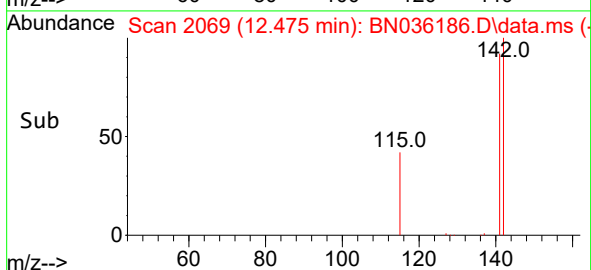
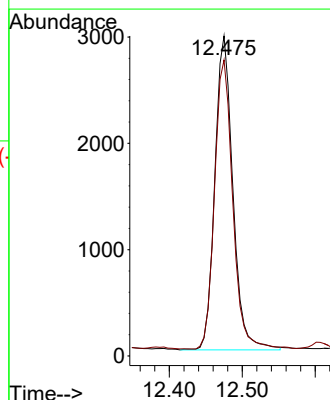
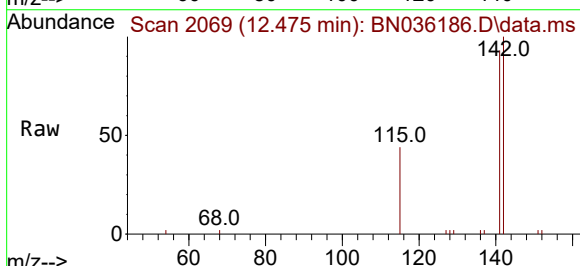
Instrument :
BNA_P
ClientSampleId :
SLCS368

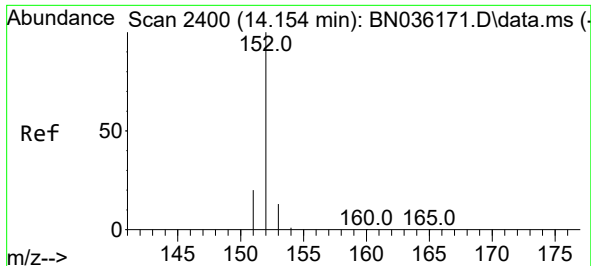
Tgt Ion:142 Resp: 4827
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.017 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:142 Resp: 5085
Ion Ratio Lower Upper
142 100
141 92.7 75.2 112.8

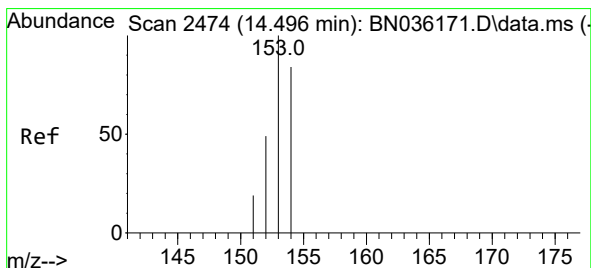
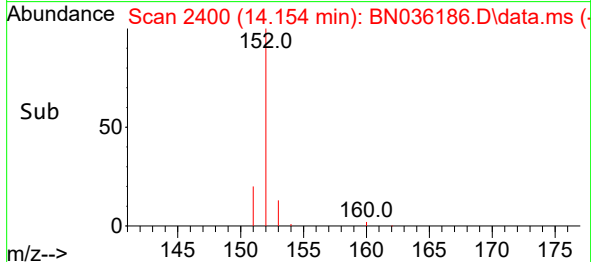
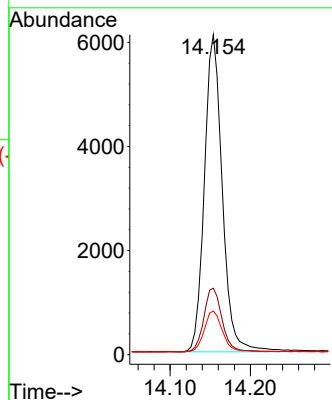
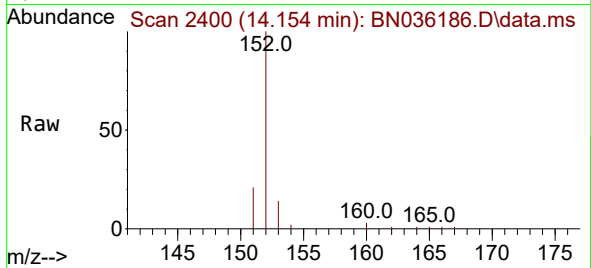




#10
Acenaphthylene
Concen: 0.489 ng/ul
RT: 14.154 min Scan# 2400
Delta R.T. -0.014 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

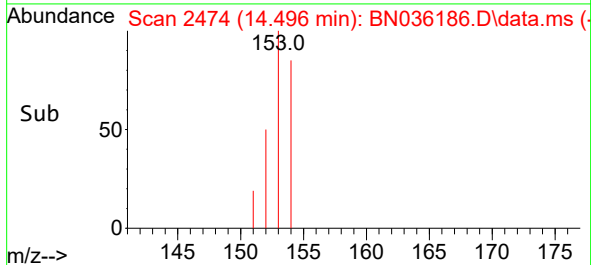
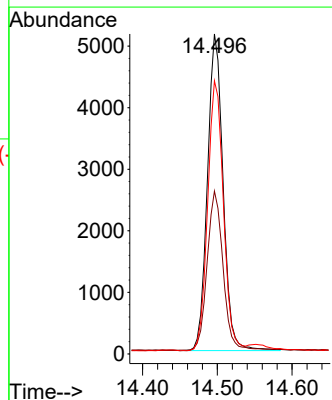
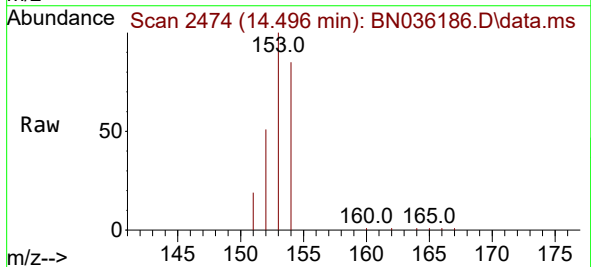
Instrument :
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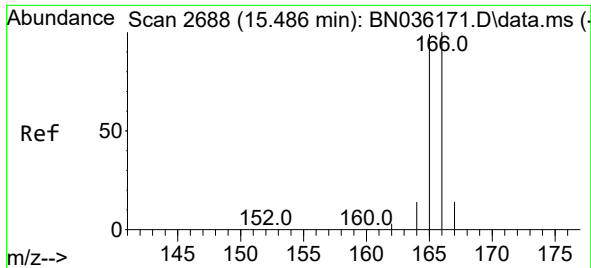
Tgt Ion:152 Resp: 9434
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.2
153 13.7 11.9 17.9



#11
Acenaphthene
Concen: 0.527 ng/ul
RT: 14.496 min Scan# 2474
Delta R.T. -0.019 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:153 Resp: 7485
Ion Ratio Lower Upper
153 100
152 50.9 43.2 64.8
154 85.4 70.5 105.7

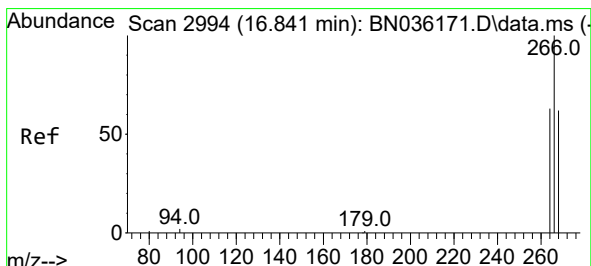
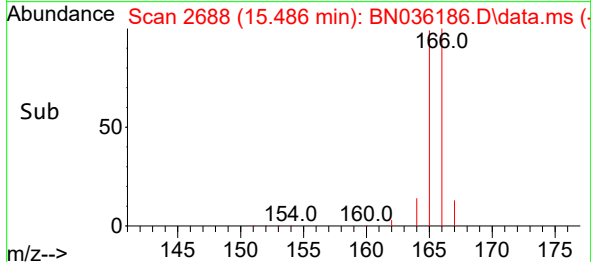
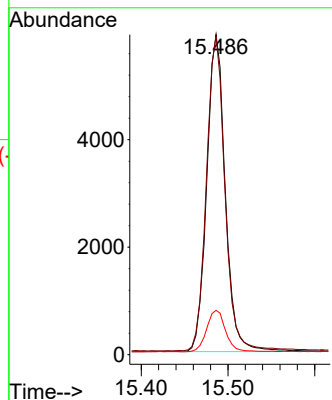
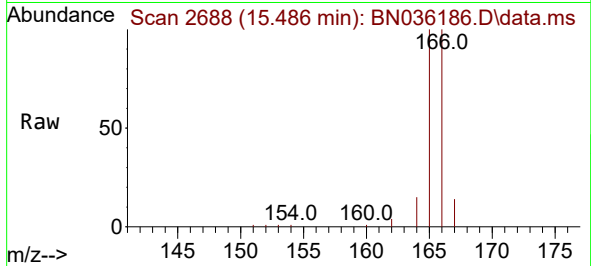




#12
Fluorene
Concen: 0.558 ng/ul
RT: 15.486 min Scan# 2688
Delta R.T. -0.014 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

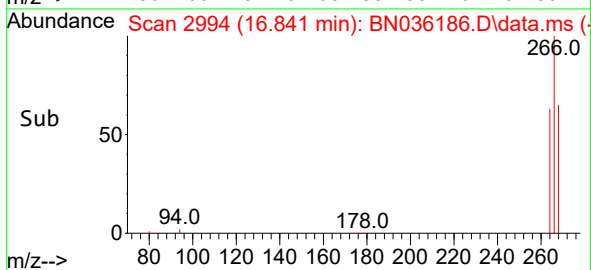
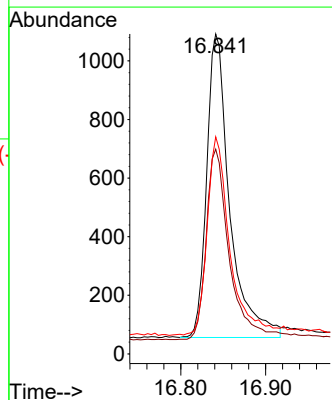
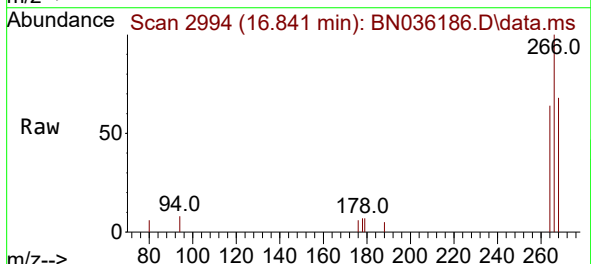
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ClientSampleId :
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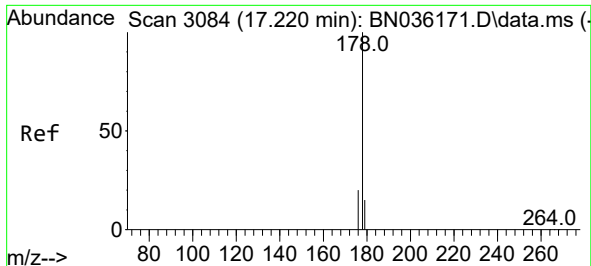
Tgt Ion:166 Resp: 8741
Ion Ratio Lower Upper
166 100
165 99.5 80.3 120.5
167 13.9 12.3 18.5



#14
Pentachlorophenol
Concen: 0.586 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. 0.000 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:266 Resp: 1954
Ion Ratio Lower Upper
266 100
264 62.8 50.6 75.8
268 65.0 50.6 75.8

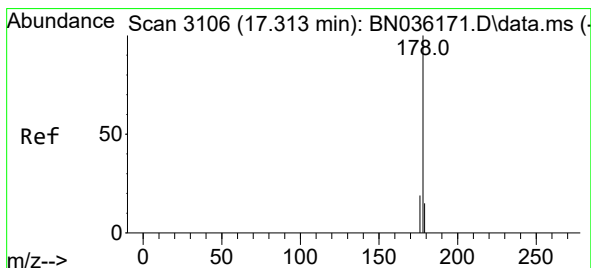
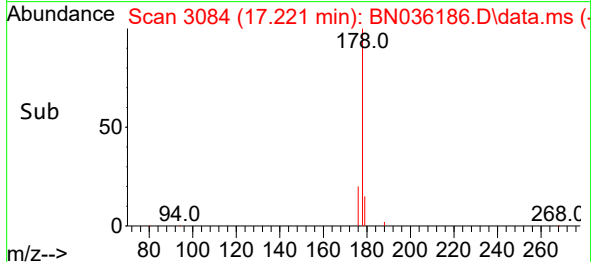
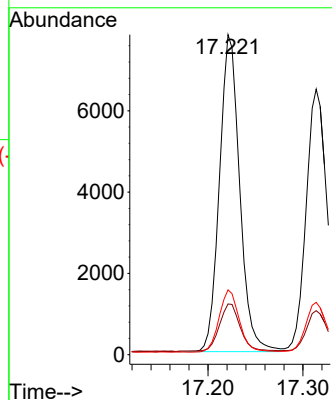
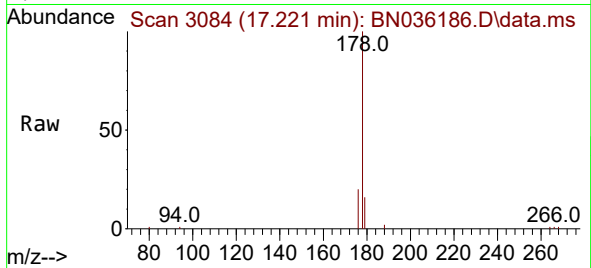




#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.221 min Scan# 3084
Delta R.T. -0.012 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

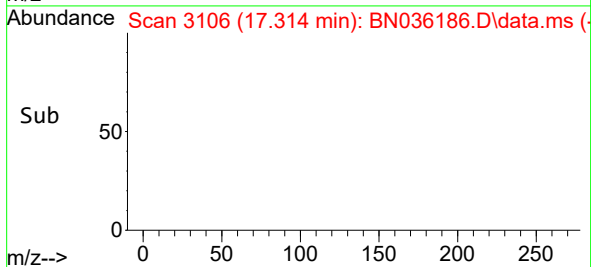
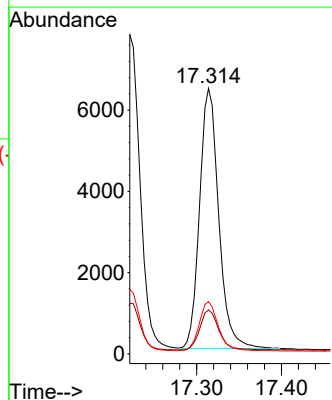
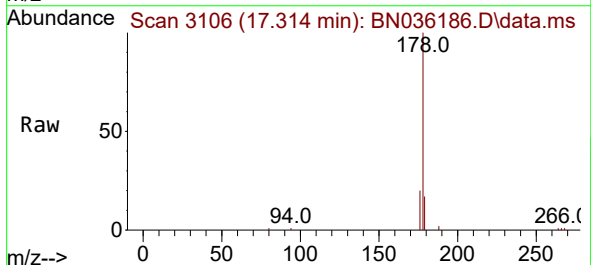
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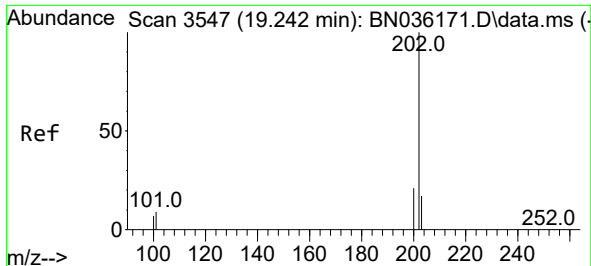
Tgt Ion:178 Resp: 11566
Ion Ratio Lower Upper
178 100
179 15.9 13.2 19.8
176 20.2 16.8 25.2



#16
Anthracene
Concen: 0.387 ng/ul
RT: 17.314 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:178 Resp: 10030
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 19.7 15.9 23.9

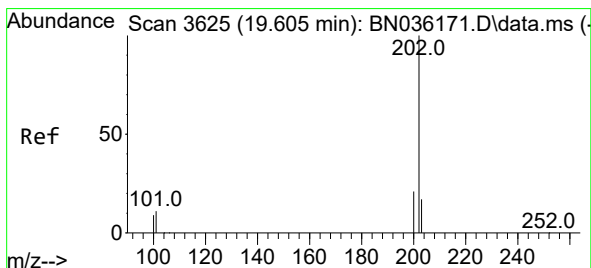
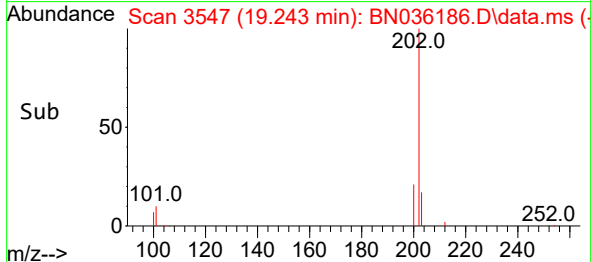
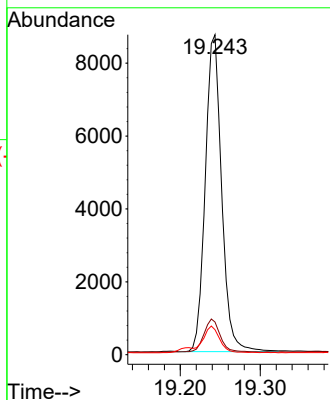
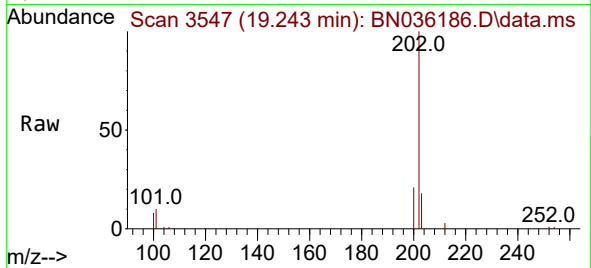




#19
Fluoranthene
Concen: 0.309 ng/ul
RT: 19.243 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

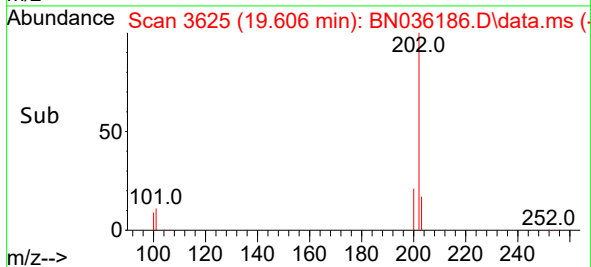
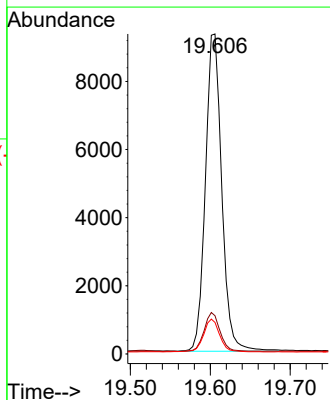
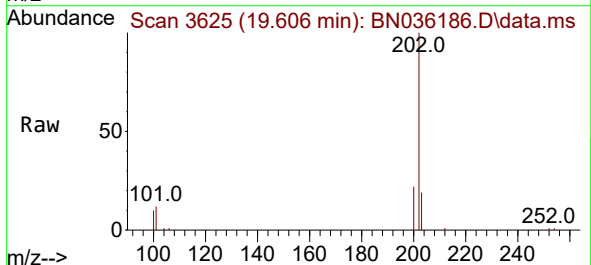
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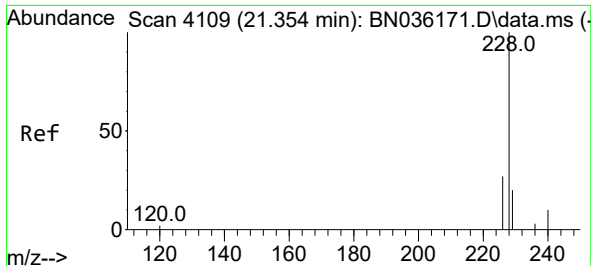
Tgt Ion:202 Resp: 12378
Ion Ratio Lower Upper
202 100
101 10.2 8.4 12.6
100 7.8 6.5 9.7



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.606 min Scan# 3625
Delta R.T. -0.004 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:202 Resp: 13237
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.8 7.5 11.3

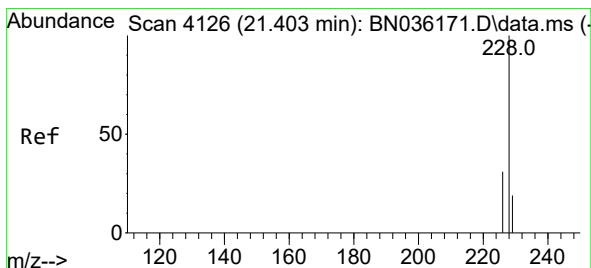
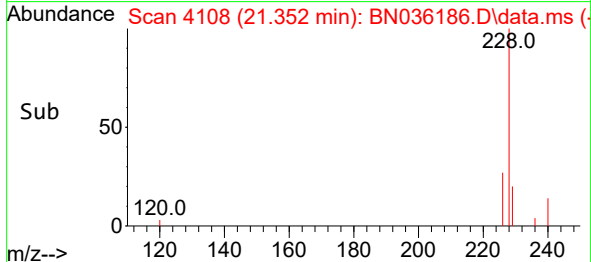
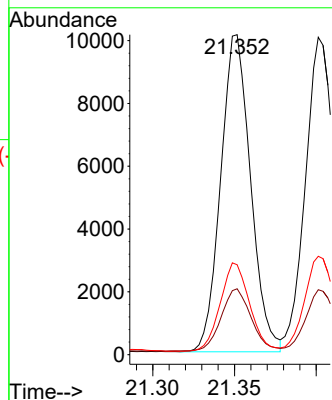
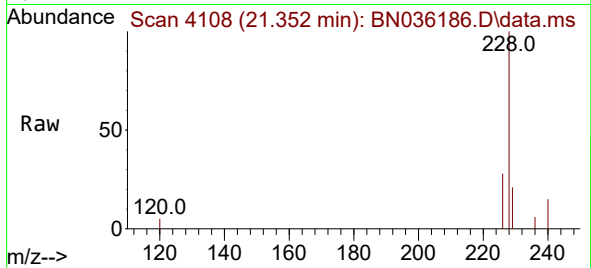




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.352 min Scan# 4109
Delta R.T. -0.002 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

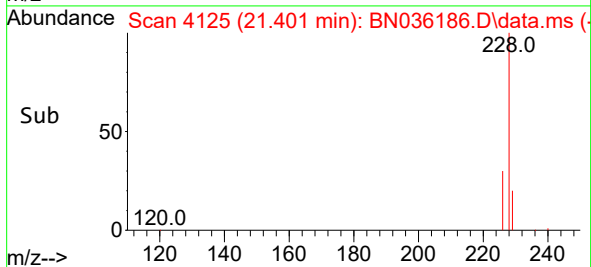
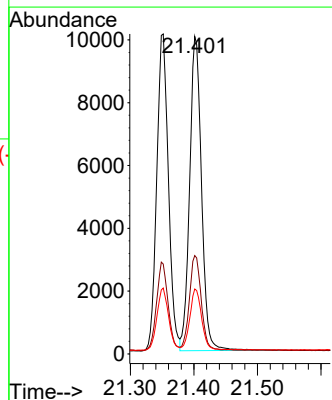
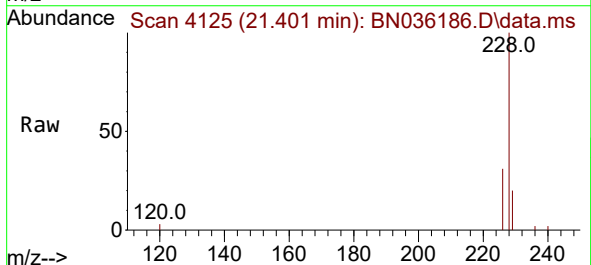
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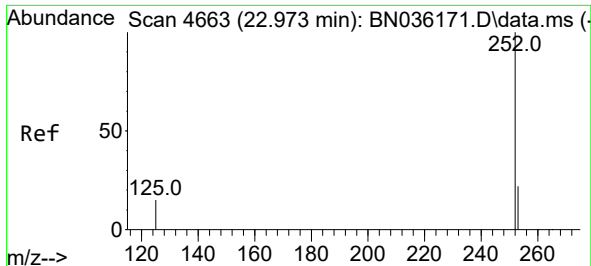
Tgt Ion:228 Resp: 12856
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 28.1 22.8 34.2



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.401 min Scan# 4125
Delta R.T. -0.005 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

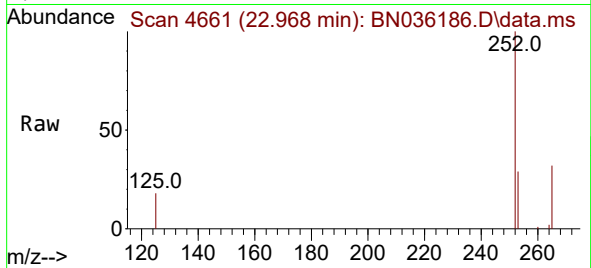
Tgt Ion:228 Resp: 12987
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.5 15.9 23.9



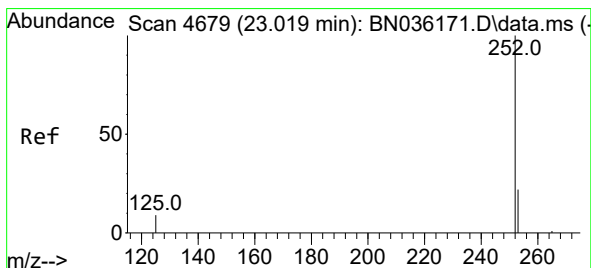
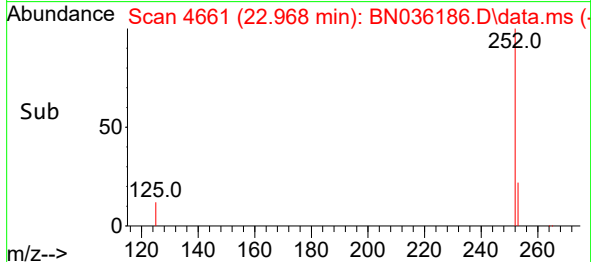
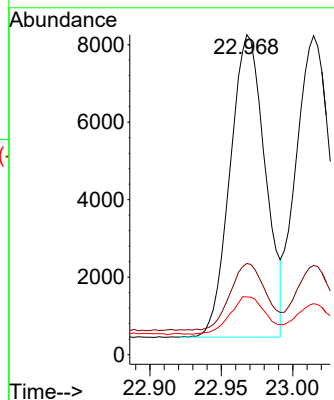


#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.968 min Scan# 4661
Delta R.T. -0.005 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_P
ClientSampleId :
SLCS368

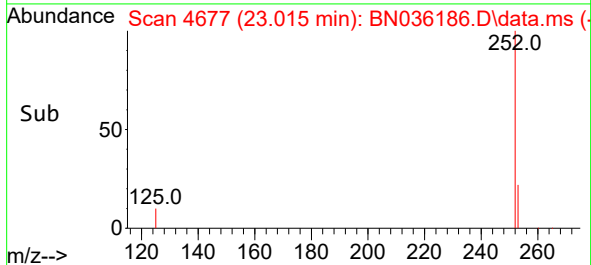
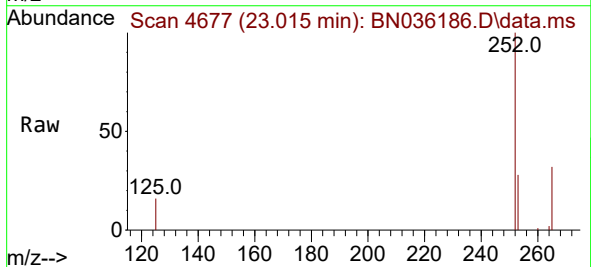
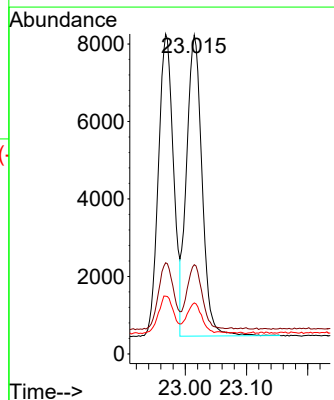


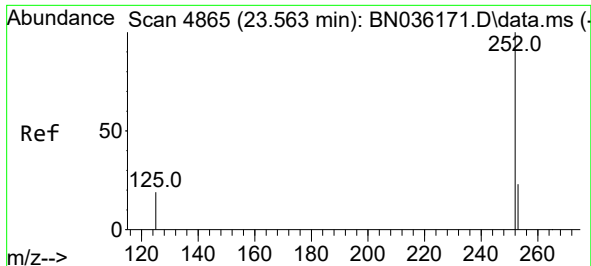
Tgt Ion:252 Resp: 13346
Ion Ratio Lower Upper
252 100
253 28.5 0.0 51.2
125 18.1 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.015 min Scan# 4677
Delta R.T. -0.005 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

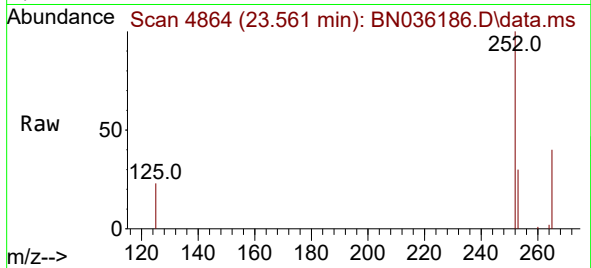
Tgt Ion:252 Resp: 13637
Ion Ratio Lower Upper
252 100
253 28.0 20.2 30.4
125 16.0 10.6 16.0#



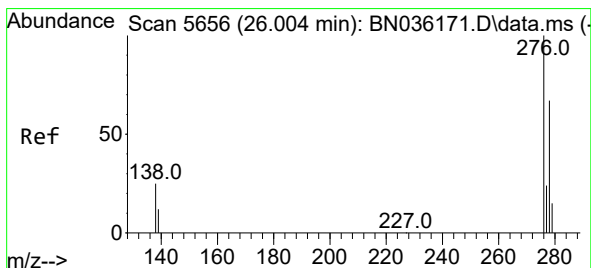
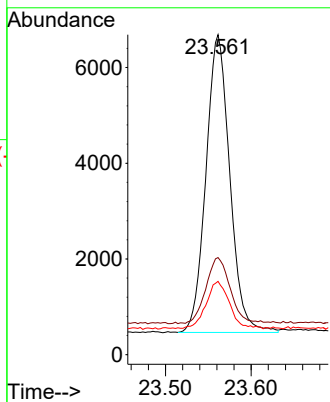
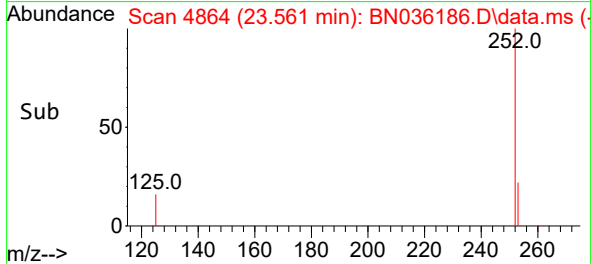


#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.561 min Scan# 4864
Delta R.T. -0.002 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_P
ClientSampleId :
SLCS368

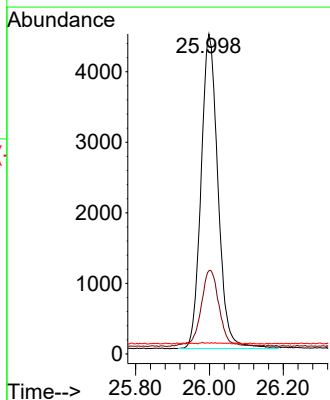
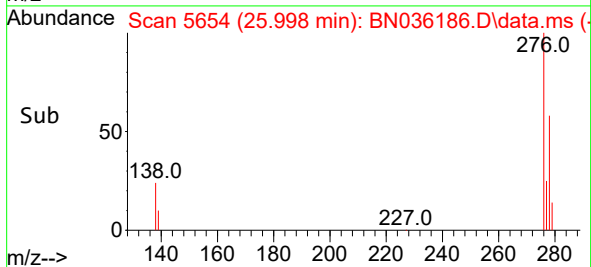
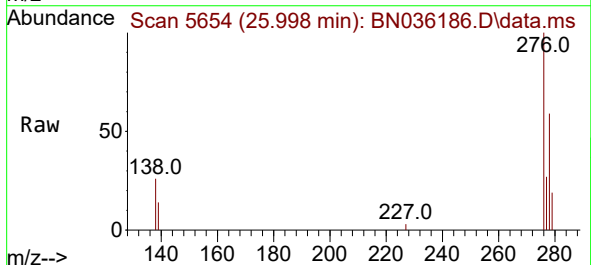


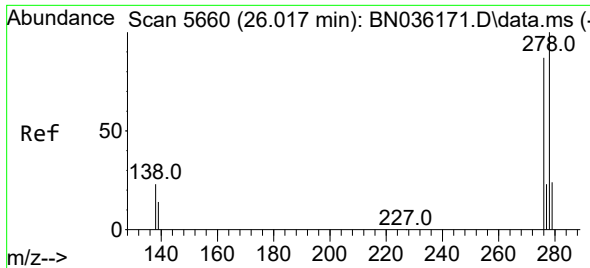
Tgt Ion:252 Resp: 12029
Ion Ratio Lower Upper
252 100
253 30.4 22.2 33.4
125 22.9 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng/ul
RT: 25.998 min Scan# 5654
Delta R.T. -0.006 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:276 Resp: 14165
Ion Ratio Lower Upper
276 100
138 26.2 20.2 30.4
227 0.0 0.1 0.1#

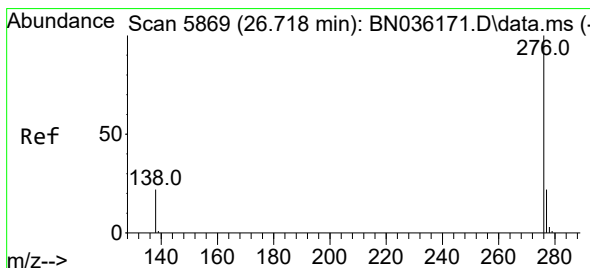
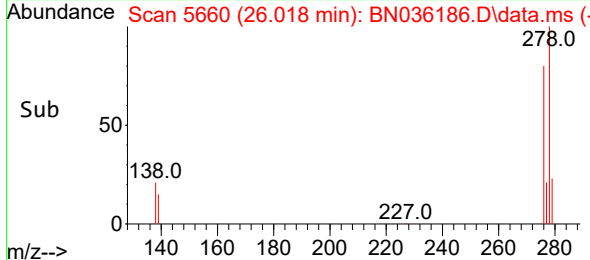
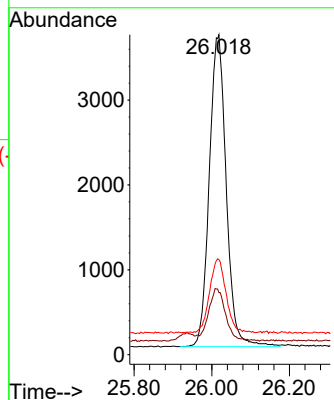
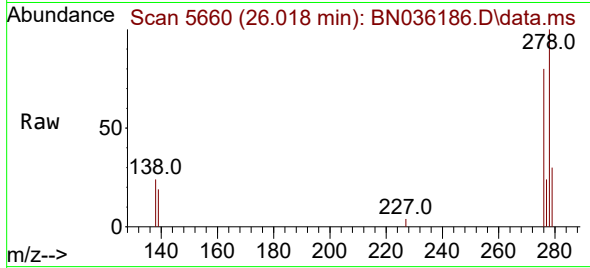




#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.018 min Scan# 5660
Delta R.T. -0.003 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_P
ClientSampleId :
SLCS368

Tgt Ion:278 Resp: 11143
Ion Ratio Lower Upper
278 100
139 19.4 15.4 23.2
279 29.7 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.306 ng/ul
RT: 26.713 min Scan# 5867
Delta R.T. -0.006 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:276 Resp: 10964
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 26.9 21.1 31.7

