

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036197.D
 Acq On : 01 Feb 2025 09:17
 Operator : RC/JU
 Sample : Q1224-07MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6305MSD

Quant Time: Feb 03 12:04:55 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)

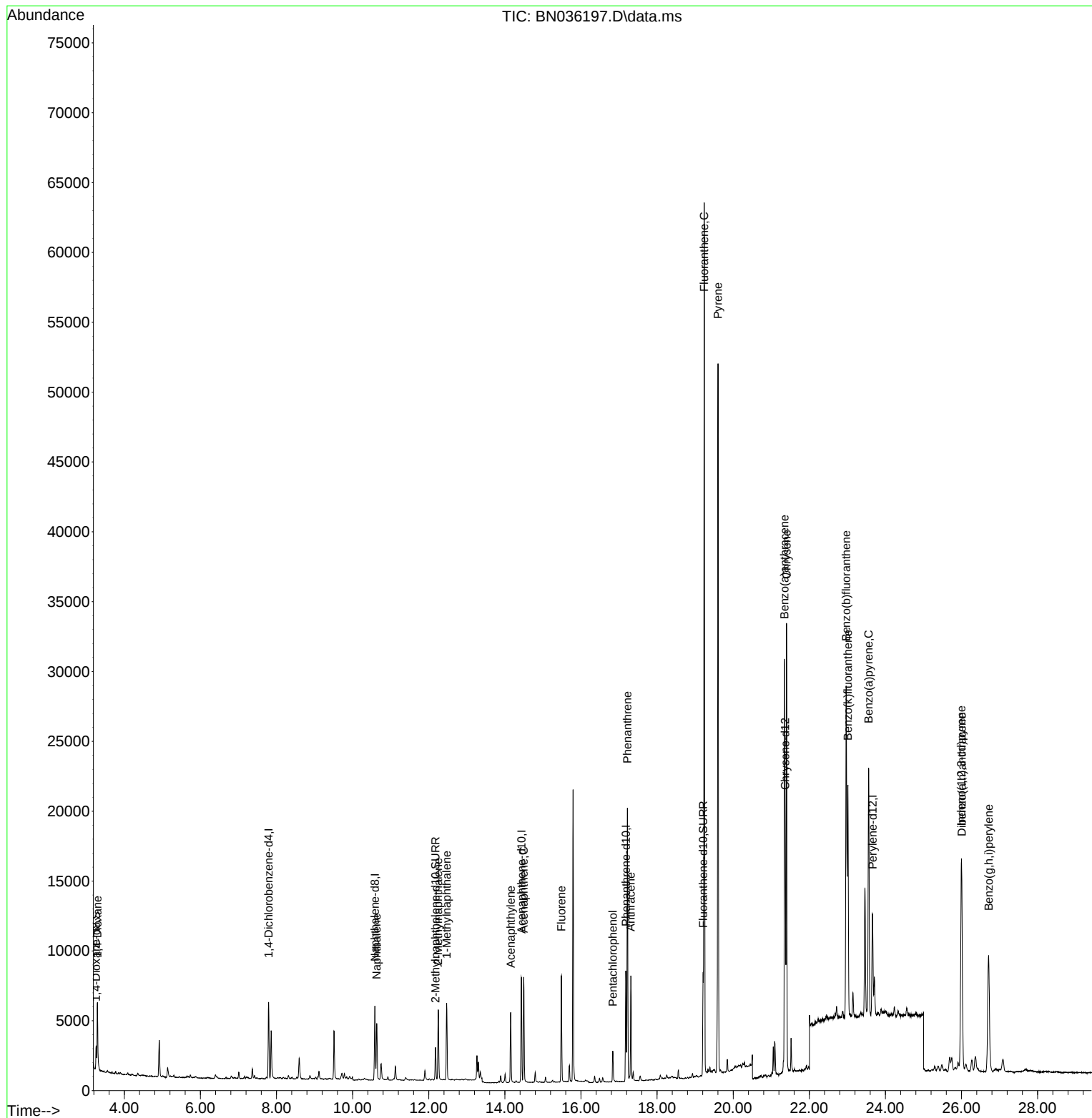
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2719	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	6911	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	4302	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.178	188	9246	0.400	ng/ul	-0.01
17) Chrysene-d12	21.366	240	9643	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	10081	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	1136	0.382	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	3004	0.344	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	7990	0.302	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	3181	1.001	ng/ul	96
5) Naphthalene	10.633	128	5416	0.284	ng/ul	99
7) 2-Methylnaphthalene	12.249	142	3582	0.303	ng/ul	99
8) 1-Methylnaphthalene	12.469	142	3687	0.307	ng/ul	98
10) Acenaphthylene	14.154	152	5773	0.285	ng/ul	99
11) Acenaphthene	14.496	153	4302	0.288	ng/ul	97
12) Fluorene	15.486	166	4893	0.297	ng/ul	97
14) Pentachlorophenol	16.836	266	1538	0.475	ng/ul	98
15) Phenanthrene	17.221	178	20212	0.747	ng/ul	98
16) Anthracene	17.309	178	8057	0.320	ng/ul	99
19) Fluoranthene	19.238	202	50290	1.372	ng/ul	100
20) Pyrene	19.601	202	43396	1.134	ng/ul	97
21) Benzo(a)anthracene	21.351	228	23861	0.693	ng/ul	99
22) Chrysene	21.401	228	29367	0.835	ng/ul	99
24) Benzo(b)fluoranthene	22.967	252	35635	1.059	ng/ul	97
25) Benzo(k)fluoranthene	23.014	252	19711	0.557	ng/ul#	93
26) Benzo(a)pyrene	23.558	252	24285	0.799	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.991	276	20563	0.512	ng/ul	97
28) Dibenzo(a,h)anthracene	26.008	278	10262	0.331	ng/ul#	94
29) Benzo(g,h,i)perylene	26.712	276	18104	0.580	ng/ul	99

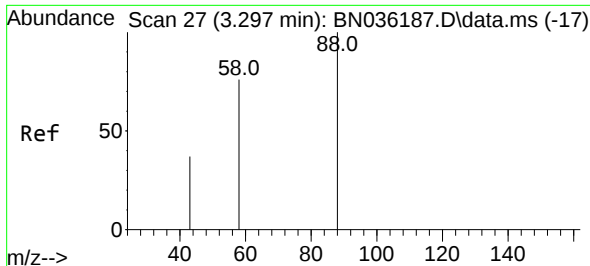
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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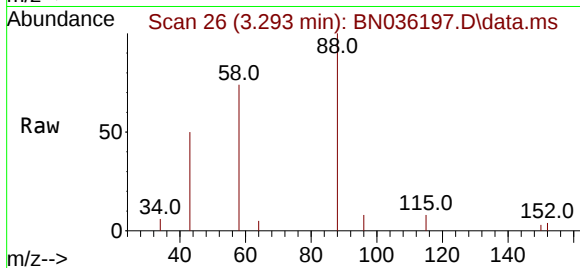
Quant Time: Feb 03 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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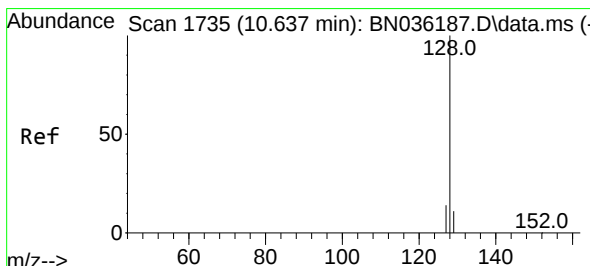
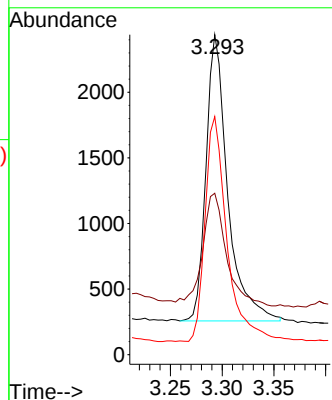
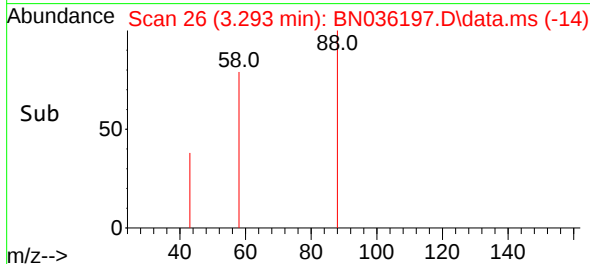


#2
 1,4-Dioxane
 Concen: 1.001 ng/ul
 RT: 3.293 min Scan# 20
 Delta R.T. -0.021 min
 Lab File: BN036197.D
 Acq: 01 Feb 2025 09:17

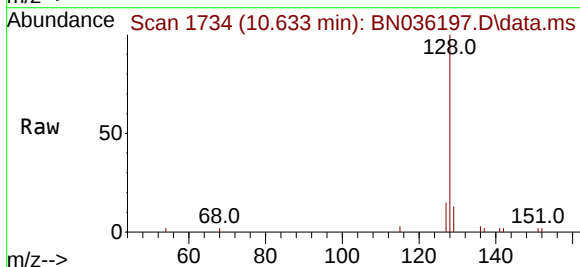
Instrument :
 BNA_N
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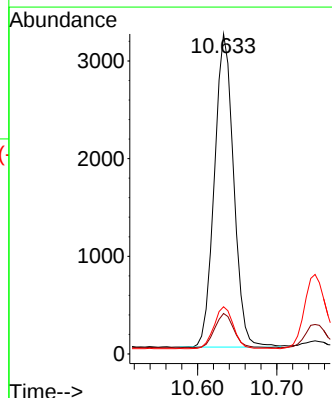
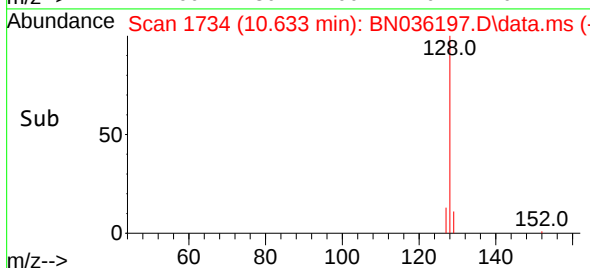
Tgt Ion: 88 Resp: 3181
 Ion Ratio Lower Upper
 88 100
 43 50.4 40.7 61.1
 58 74.4 55.2 82.8

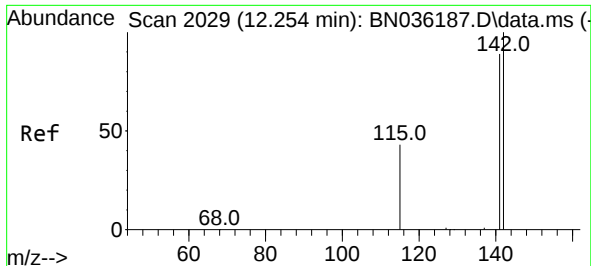


#5
 Naphthalene
 Concen: 0.284 ng/ul
 RT: 10.633 min Scan# 1734
 Delta R.T. -0.022 min
 Lab File: BN036197.D
 Acq: 01 Feb 2025 09:17



Tgt Ion: 128 Resp: 5416
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.6 14.4
 127 14.7 12.0 18.0

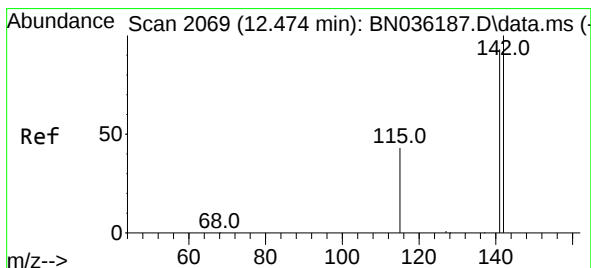
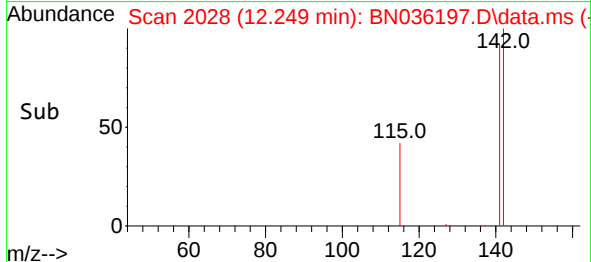
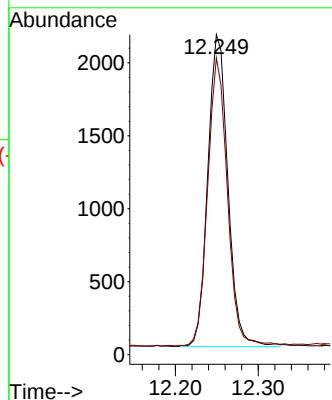
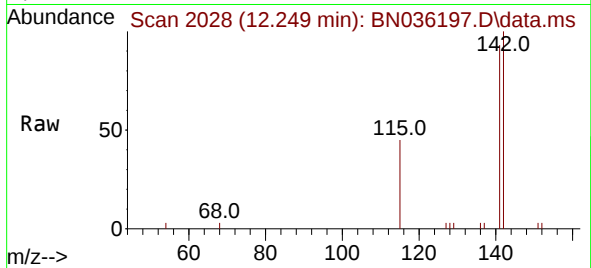




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.249 min Scan# 2029
Delta R.T. -0.022 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

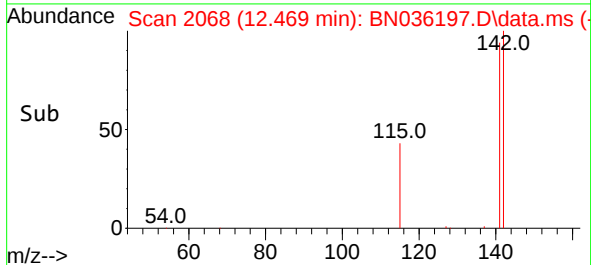
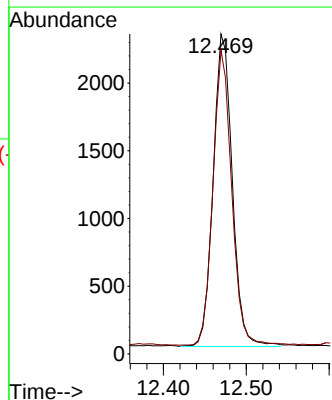
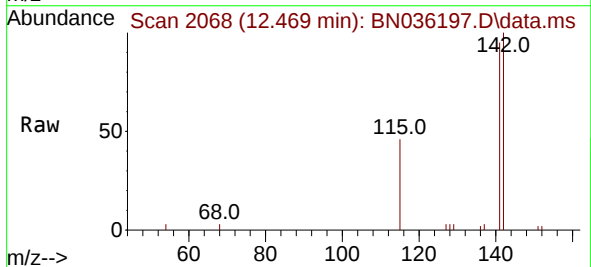
Instrument :
BNA_N
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A6305MSD

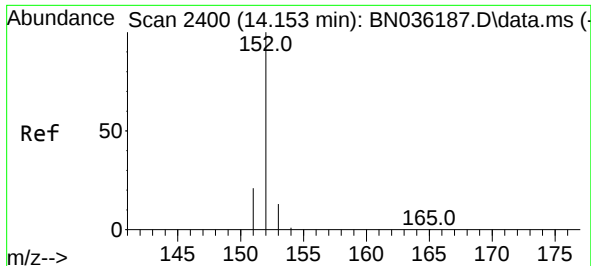
Tgt Ion:142 Resp: 3582
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.469 min Scan# 2068
Delta R.T. -0.022 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

Tgt Ion:142 Resp: 3687
Ion Ratio Lower Upper
142 100
141 92.4 75.2 112.8

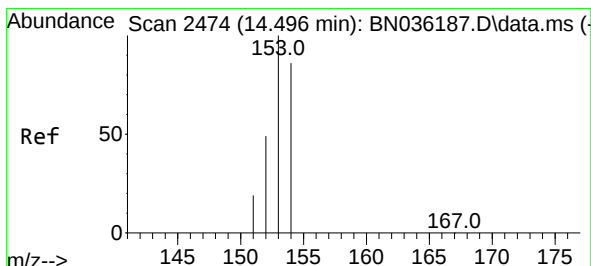
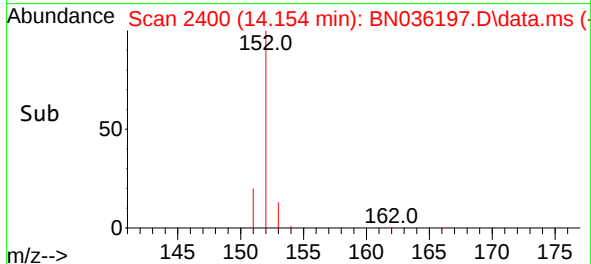
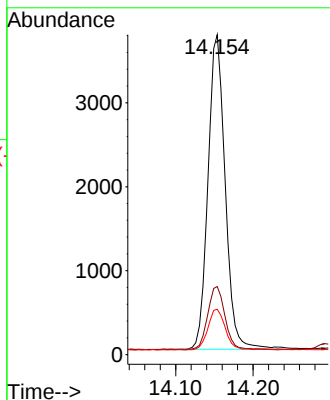
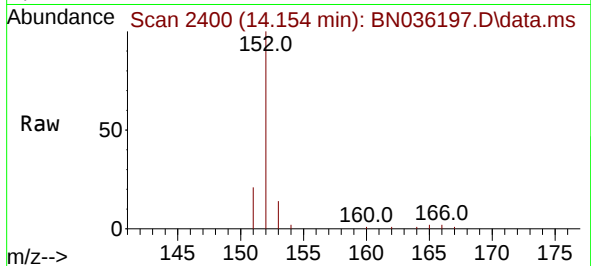




#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.154 min Scan# 2400
Delta R.T. -0.014 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

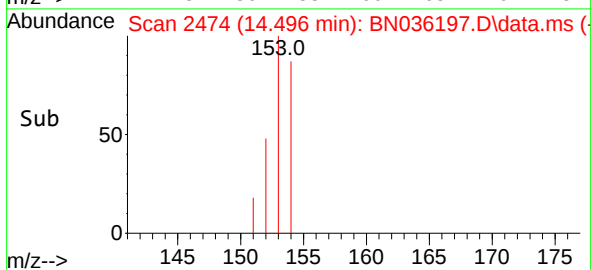
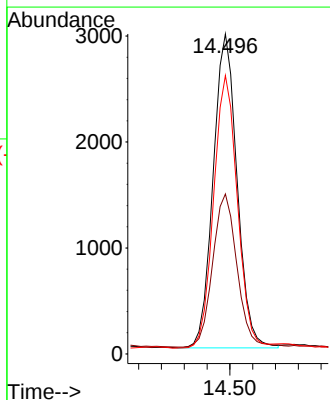
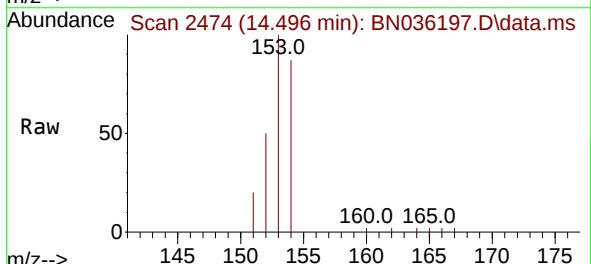
Instrument :
BNA_N
ClientSampleId :
A6305MSD

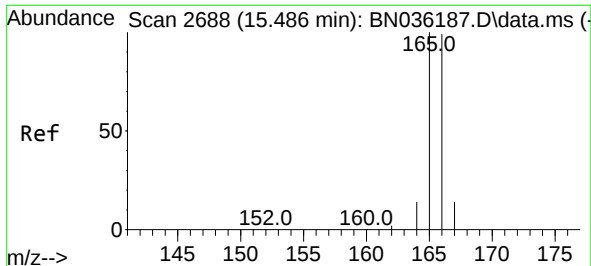
Tgt Ion:152 Resp: 5773
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2
153 14.2 11.9 17.9



#11
Acenaphthene
Concen: 0.288 ng/ul
RT: 14.496 min Scan# 2474
Delta R.T. -0.019 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

Tgt Ion:153 Resp: 4302
Ion Ratio Lower Upper
153 100
152 50.0 43.2 64.8
154 87.0 70.5 105.7

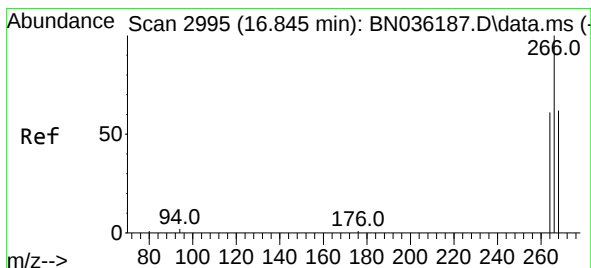
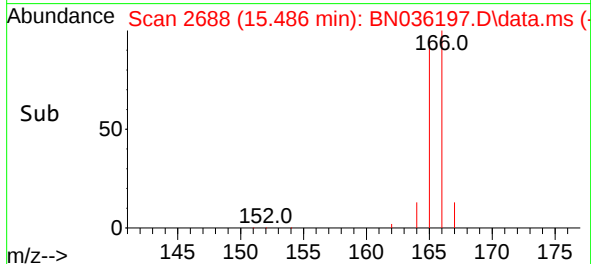
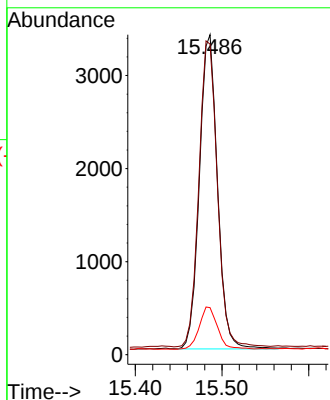
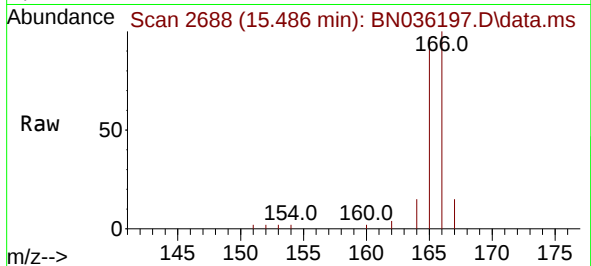




#12
 Fluorene
 Concen: 0.297 ng/ul
 RT: 15.486 min Scan# 2093
 Delta R.T. -0.014 min
 Lab File: BN036197.D
 Acq: 01 Feb 2025 09:17

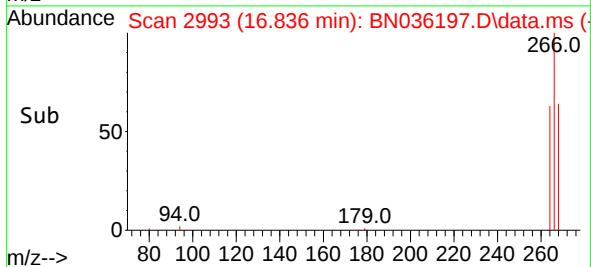
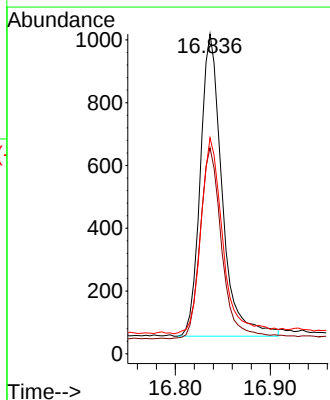
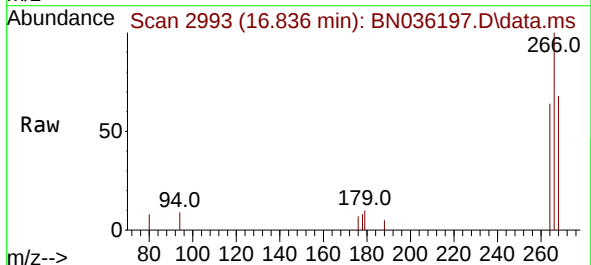
Instrument :
 BNA_N
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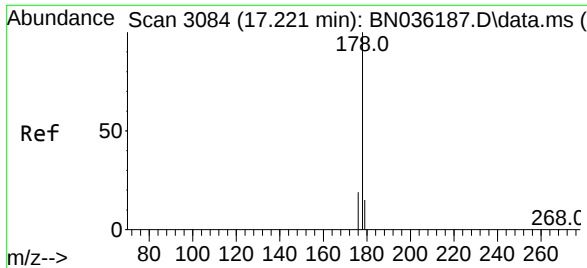
Tgt Ion:166	Resp:	4893
Ion	Ratio	Lower Upper
166	100	
165	97.1	80.3 120.5
167	14.7	12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.475 ng/ul
 RT: 16.836 min Scan# 2993
 Delta R.T. -0.004 min
 Lab File: BN036197.D
 Acq: 01 Feb 2025 09:17

Tgt Ion:266	Resp:	1538
Ion	Ratio	Lower Upper
266	100	
264	62.7	50.6 75.8
268	65.1	50.6 75.8

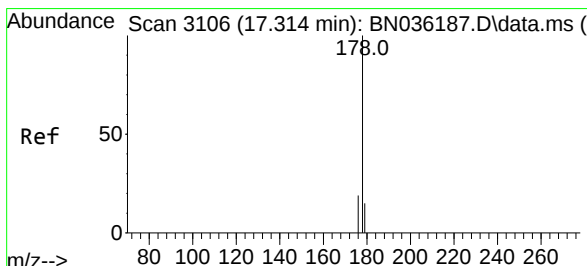
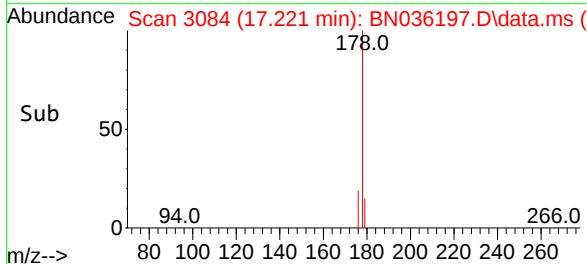
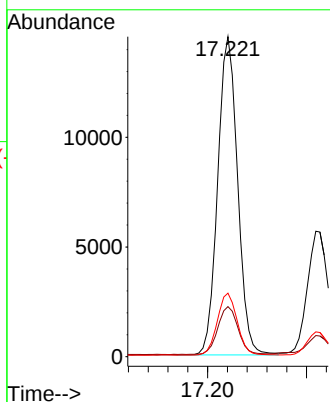
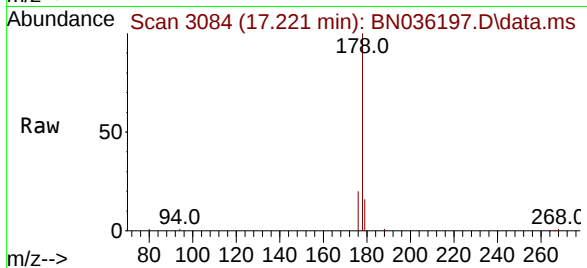




#15
Phenanthrene
Concen: 0.747 ng/ul
RT: 17.221 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

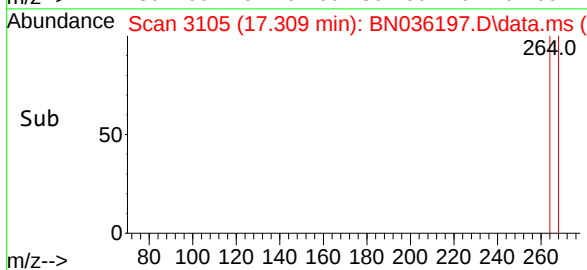
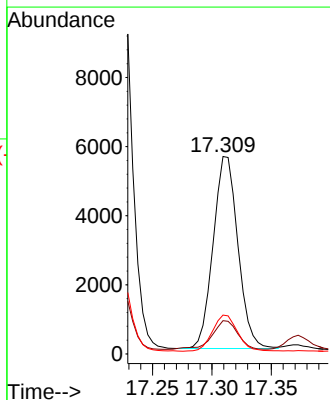
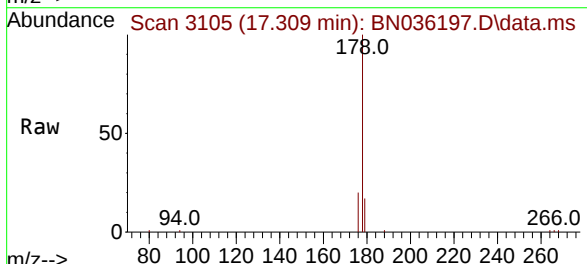
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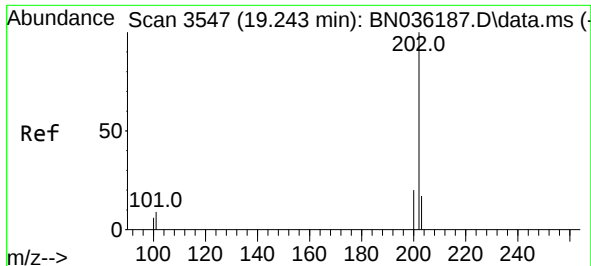
Tgt Ion:178	Resp:	20212
Ion Ratio	Lower	Upper
178	100	
179	15.7	13.2 19.8
176	19.8	16.8 25.2



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.309 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

Tgt Ion:178	Resp:	8057
Ion Ratio	Lower	Upper
178	100	
179	16.8	13.0 19.4
176	19.7	15.9 23.9

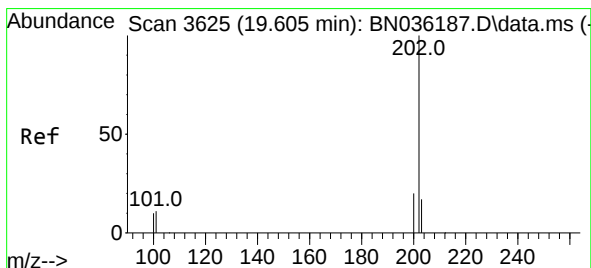
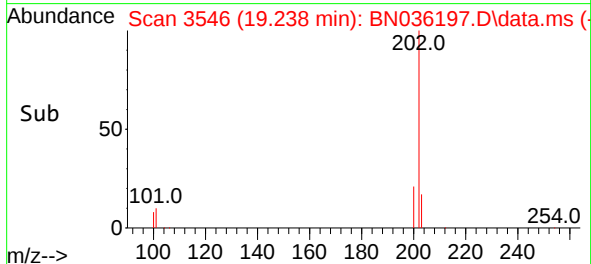
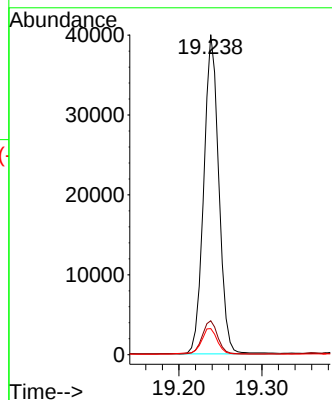
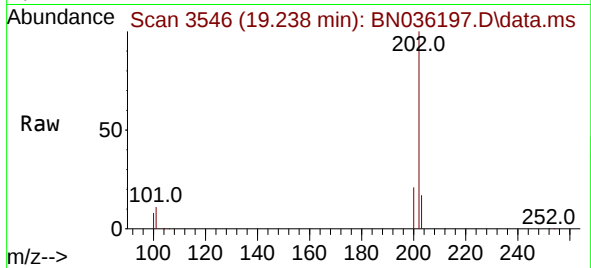




#19
Fluoranthene
Concen: 1.372 ng/ul
RT: 19.238 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

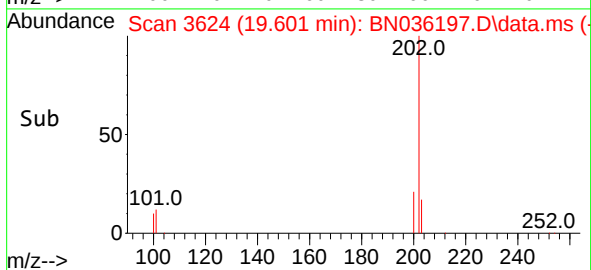
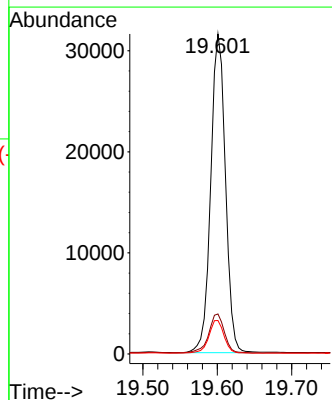
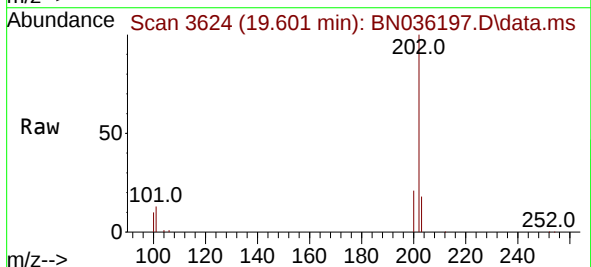
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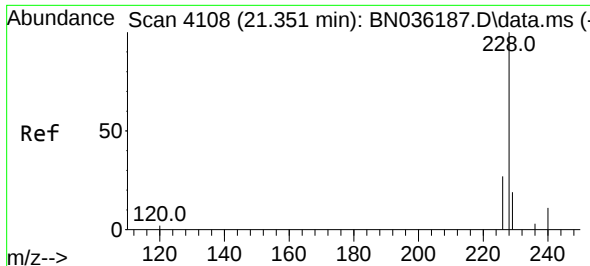
Tgt Ion:202 Resp: 50290
Ion Ratio Lower Upper
202 100
101 10.6 8.4 12.6
100 8.1 6.5 9.7



#20
Pyrene
Concen: 1.134 ng/ul
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

Tgt Ion:202 Resp: 43396
Ion Ratio Lower Upper
202 100
101 12.5 9.3 13.9
100 10.4 7.5 11.3

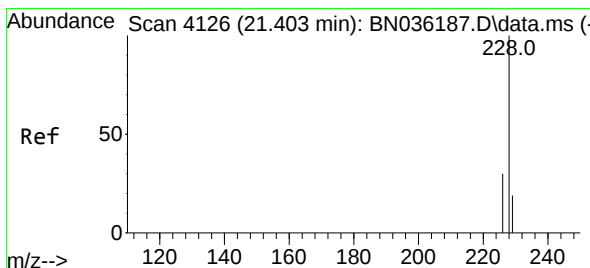
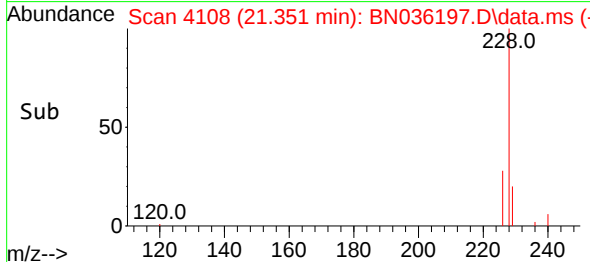
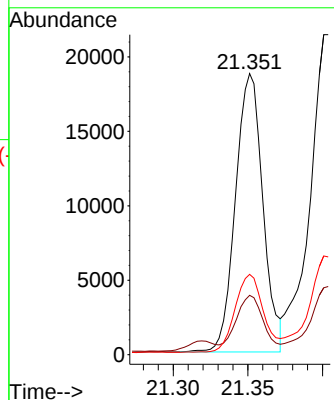
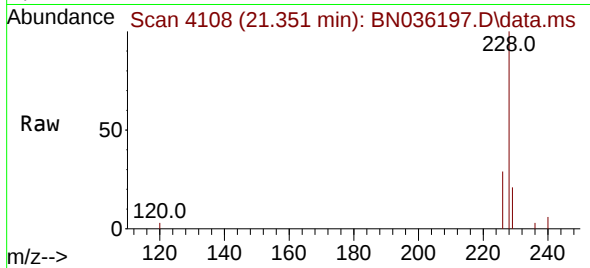




#21
Benzo(a)anthracene
Concen: 0.693 ng/u1
RT: 21.351 min Scan# 4108
Delta R.T. -0.003 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

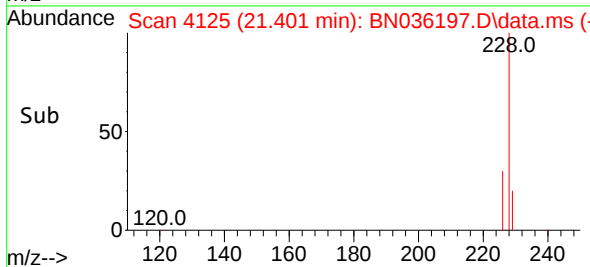
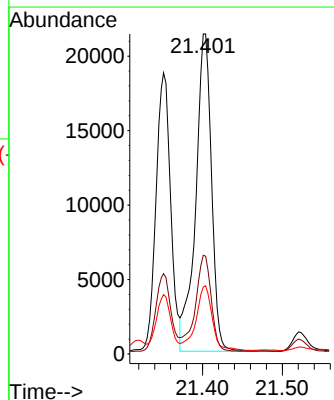
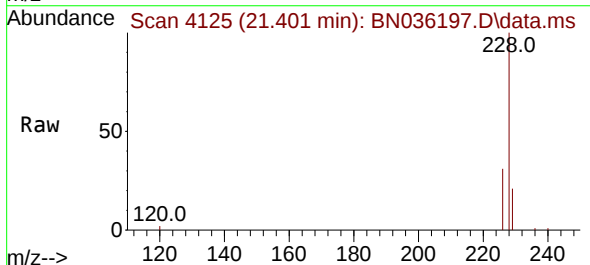
Instrument :
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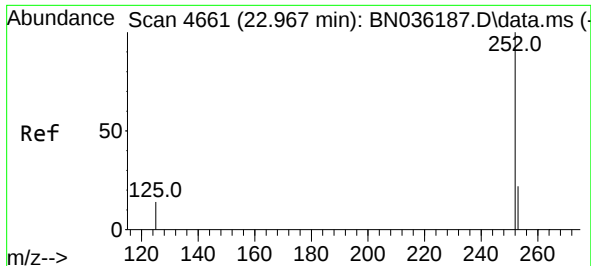
Tgt Ion:228 Resp: 23861
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 28.6 22.8 34.2



#22
Chrysene
Concen: 0.835 ng/u1
RT: 21.401 min Scan# 4125
Delta R.T. -0.005 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

Tgt Ion:228 Resp: 29367
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 20.9 15.9 23.9

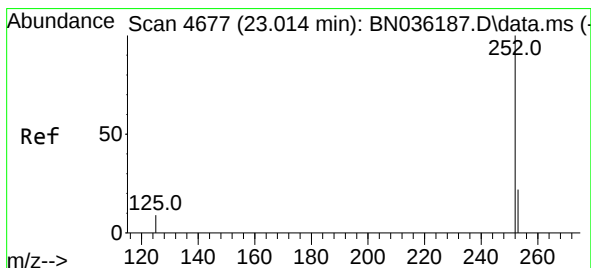
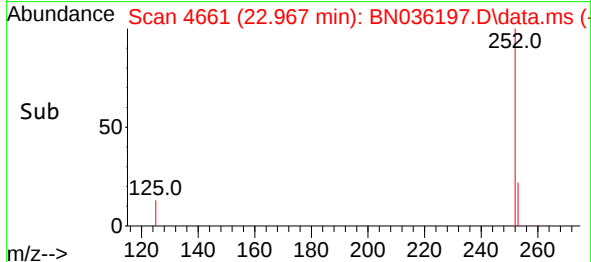
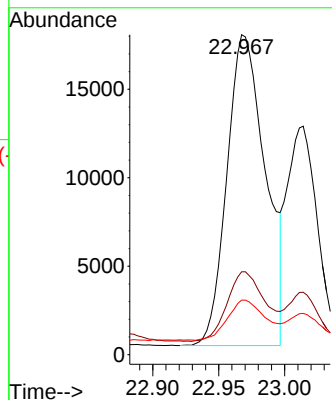
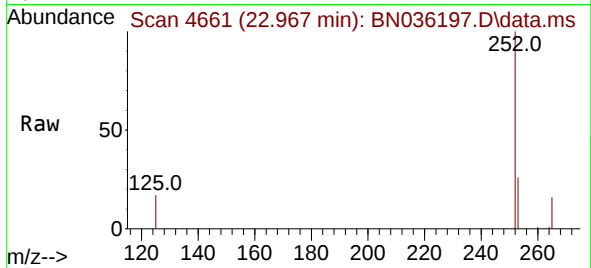




#24
Benzo(b)fluoranthene
Concen: 1.059 ng/ul
RT: 22.967 min Scan# 4661
Delta R.T. -0.005 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

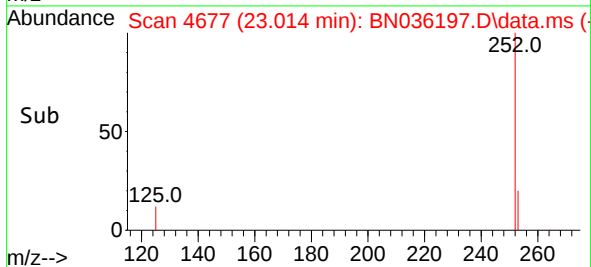
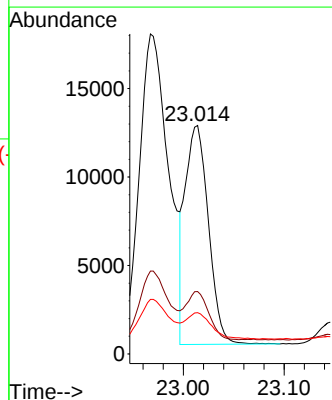
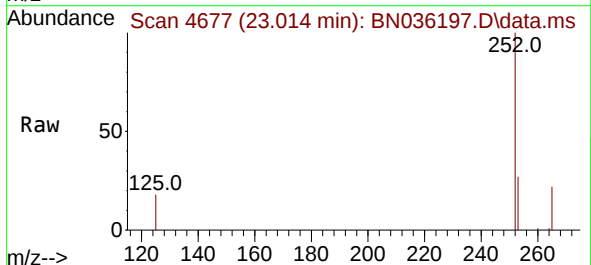
Instrument :
BNA_N
ClientSampleId :
A6305MSD

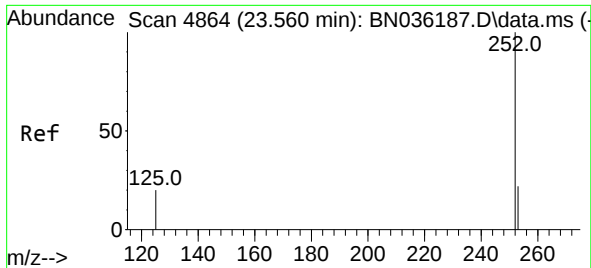
Tgt Ion:252 Resp: 35635
Ion Ratio Lower Upper
252 100
253 25.9 0.0 51.2
125 17.1 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.557 ng/ul
RT: 23.014 min Scan# 4677
Delta R.T. -0.006 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

Tgt Ion:252 Resp: 19711
Ion Ratio Lower Upper
252 100
253 27.3 20.2 30.4
125 18.1 10.6 16.0#

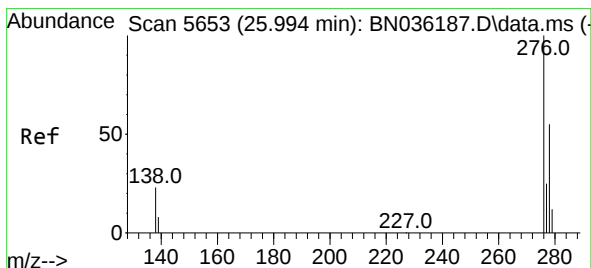
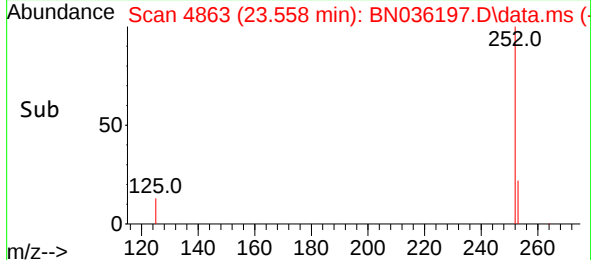
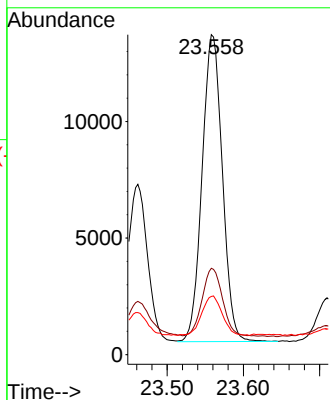
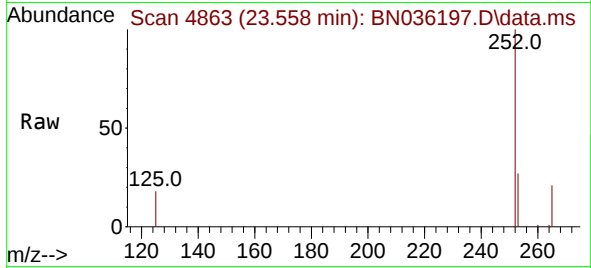




#26
Benzo(a)pyrene
Concen: 0.799 ng/ul
RT: 23.558 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

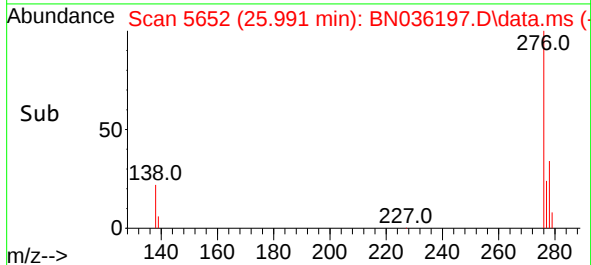
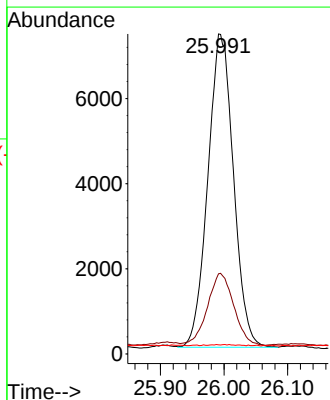
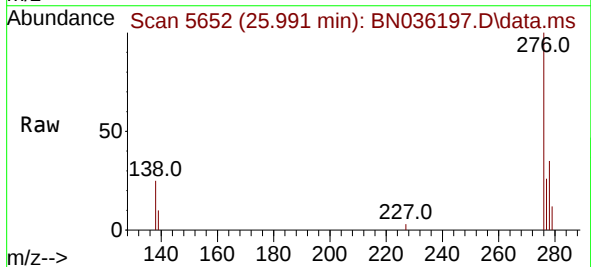
Instrument :
BNA_N
ClientSampleId :
A6305MSD

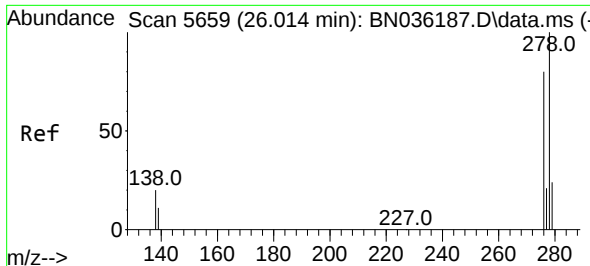
Tgt Ion:252 Resp: 24285
Ion Ratio Lower Upper
252 100
253 27.0 22.2 33.4
125 18.2 13.1 19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.512 ng/ul
RT: 25.991 min Scan# 5652
Delta R.T. -0.013 min
Lab File: BN036197.D
Acq: 01 Feb 2025 09:17

Tgt Ion:276 Resp: 20563
Ion Ratio Lower Upper
276 100
138 23.8 20.2 30.4
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.331 ng/ul

RT: 26.008 min Scan# 5

Delta R.T. -0.013 min

Lab File: BN036197.D

Acq: 01 Feb 2025 09:17

Instrument :

BNA_N

ClientSampleId :

A6305MSD

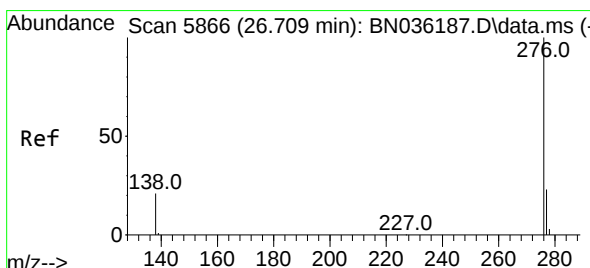
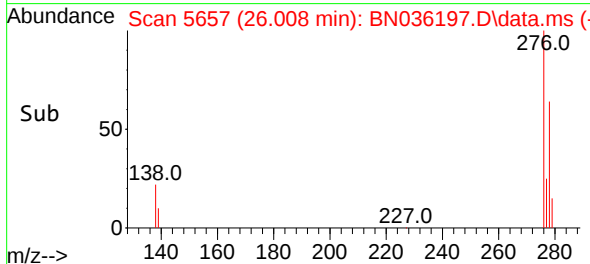
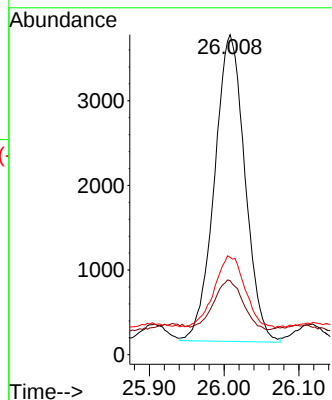
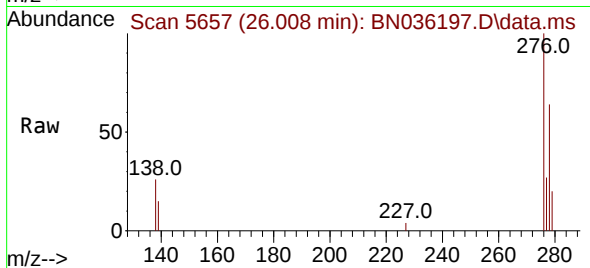
Tgt Ion:278 Resp: 10262

Ion Ratio Lower Upper

278 100

139 23.2 15.4 23.2#

279 30.5 22.2 33.4



#29

Benzo(g,h,i)perylene

Concen: 0.580 ng/ul

RT: 26.712 min Scan# 5867

Delta R.T. -0.006 min

Lab File: BN036197.D

Acq: 01 Feb 2025 09:17

Tgt Ion:276 Resp: 18104

Ion Ratio Lower Upper

276 100

138 23.9 19.4 29.0

277 25.6 21.1 31.7

