

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036187.D
 Acq On : 01 Feb 2025 03:16
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD0.4394

Quant Time: Feb 03 08:53:41 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)

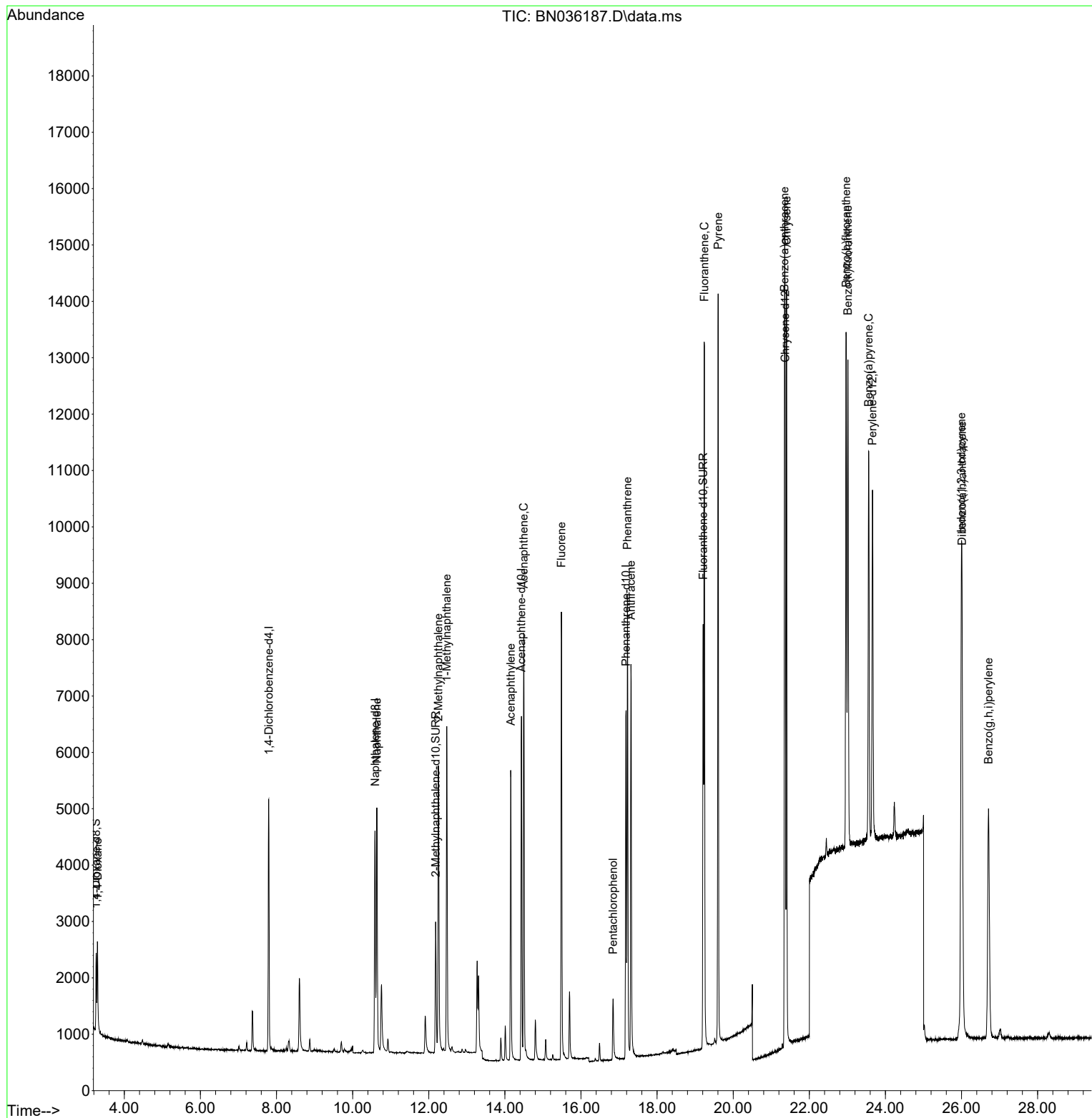
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	2313	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.587	136	5713	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	3541	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.183	188	8024	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	8129	0.400	ng/ul	0.00
23) Perylene-d12	23.660	264	8449	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	878	0.347	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.182	152	3357	0.465	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	8887	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.297	88	1048	0.388	ng/ul	99
5) Naphthalene	10.637	128	6203	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.254	142	3984	0.408	ng/ul	99
8) 1-Methylnaphthalene	12.474	142	4156	0.419	ng/ul	99
10) Acenaphthylene	14.153	152	6283	0.376	ng/ul	100
11) Acenaphthene	14.496	153	4593	0.374	ng/ul	97
12) Fluorene	15.486	166	5413	0.399	ng/ul	99
14) Pentachlorophenol	16.845	266	924	0.329	ng/ul	99
15) Phenanthrene	17.221	178	9068	0.386	ng/ul	99
16) Anthracene	17.314	178	8181	0.375	ng/ul	100
19) Fluoranthene	19.243	202	11144	0.361	ng/ul	100
20) Pyrene	19.605	202	11738	0.364	ng/ul	99
21) Benzo(a)anthracene	21.351	228	11406	0.393	ng/ul	99
22) Chrysene	21.403	228	11644	0.393	ng/ul	99
24) Benzo(b)fluoranthene	22.967	252	11605	0.412	ng/ul	89
25) Benzo(k)fluoranthene	23.014	252	11479	0.387	ng/ul#	92
26) Benzo(a)pyrene	23.560	252	9532	0.374	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.994	276	11743	0.349	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.014	278	9205	0.355	ng/ul	96
29) Benzo(g,h,i)perylene	26.709	276	9076	0.347	ng/ul	99

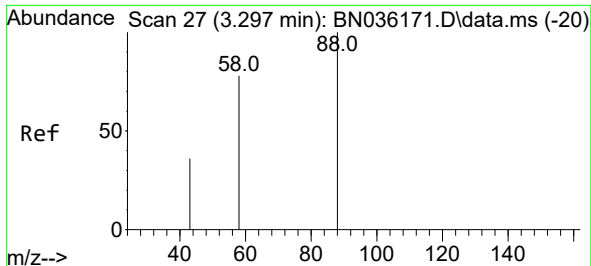
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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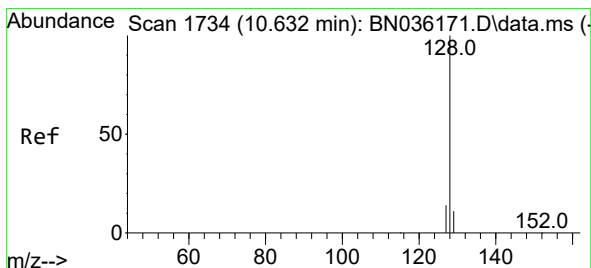
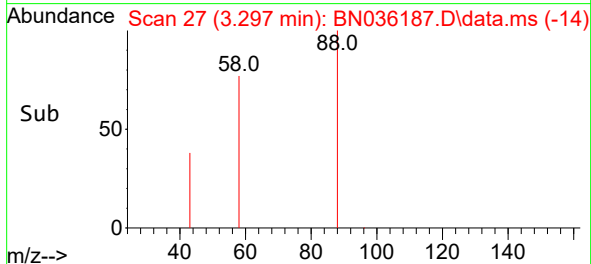
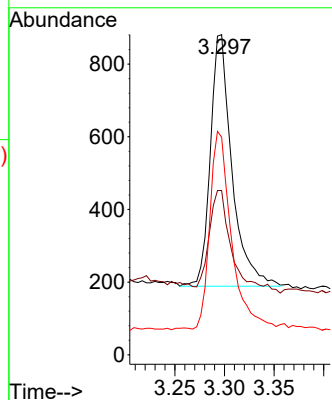
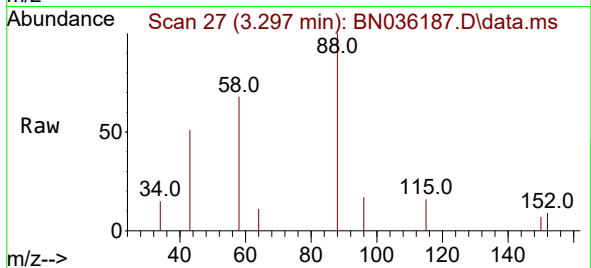




#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.297 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

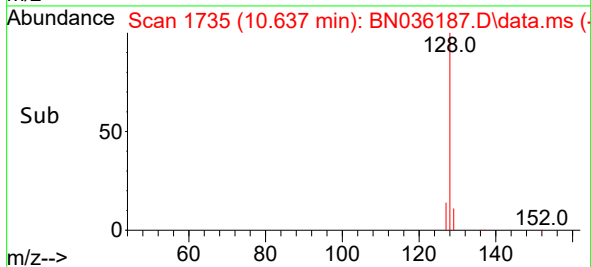
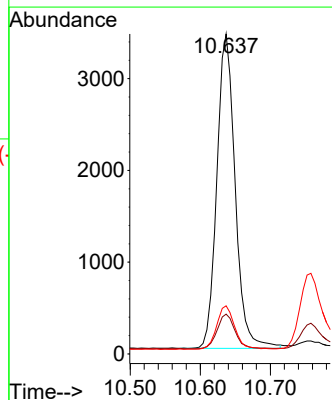
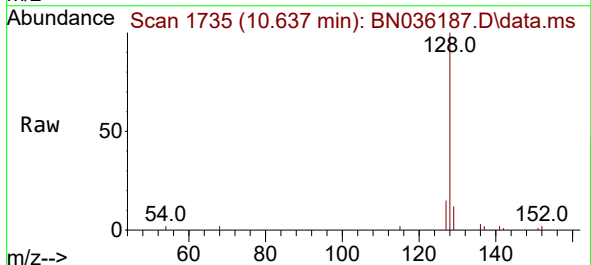
Instrument :
BNA_P
ClientSampleId :
SSTD0.4394

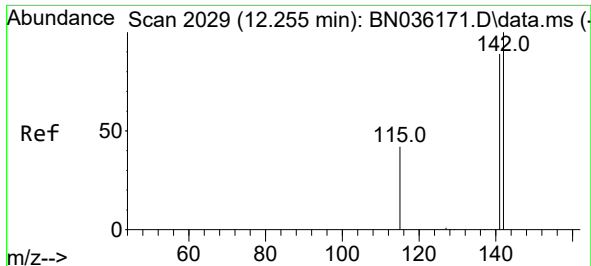
Tgt Ion: 88 Resp: 1048
Ion Ratio Lower Upper
88 100
43 51.3 40.7 61.1
58 68.0 55.2 82.8



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.637 min Scan# 1735
Delta R.T. -0.018 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Tgt Ion: 128 Resp: 6203
Ion Ratio Lower Upper
128 100
129 12.4 9.6 14.4
127 15.1 12.0 18.0

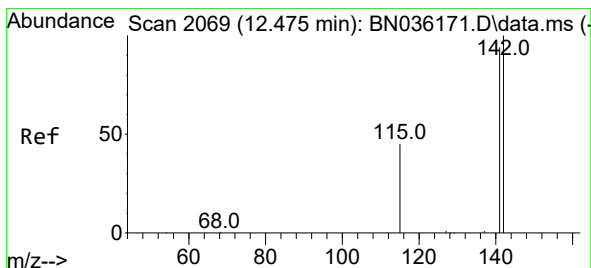
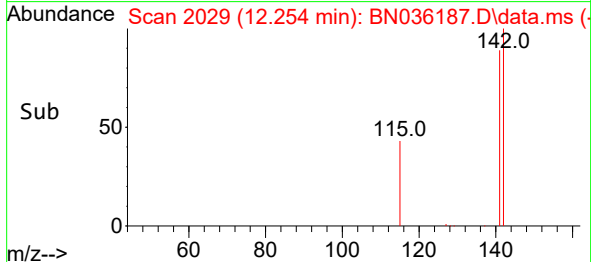
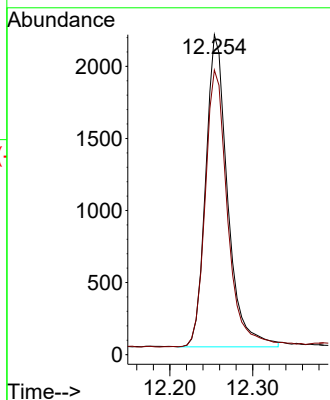
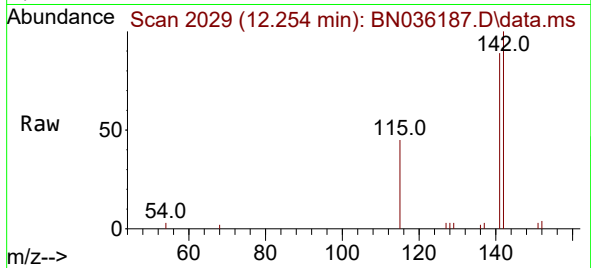




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.254 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

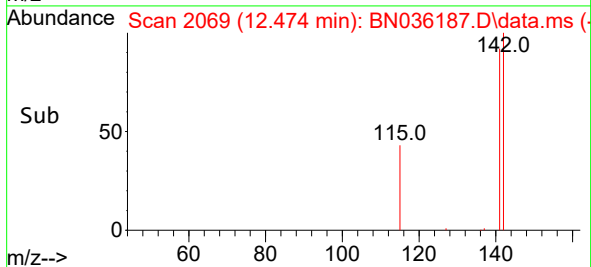
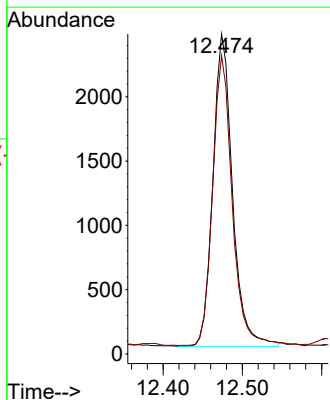
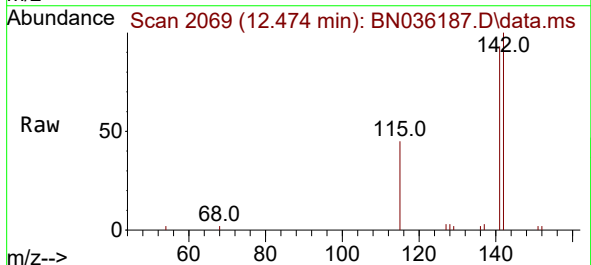
Instrument :
BNA_P
ClientSampleId :
SSTD0.4394

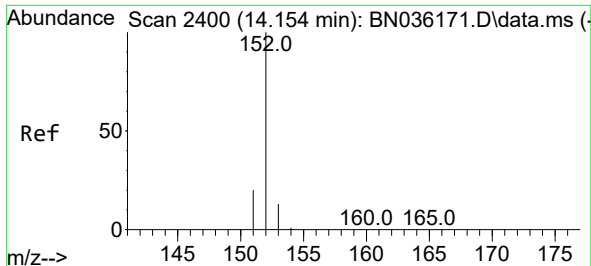
Tgt Ion:142 Resp: 3984
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.474 min Scan# 2069
Delta R.T. -0.018 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Tgt Ion:142 Resp: 4156
Ion Ratio Lower Upper
142 100
141 92.7 75.2 112.8

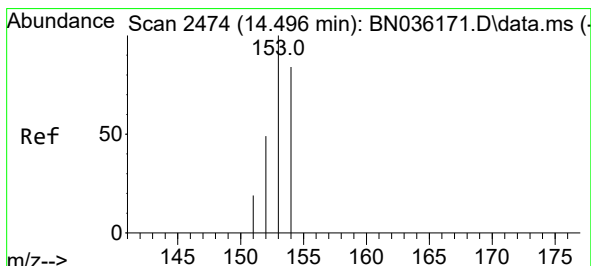
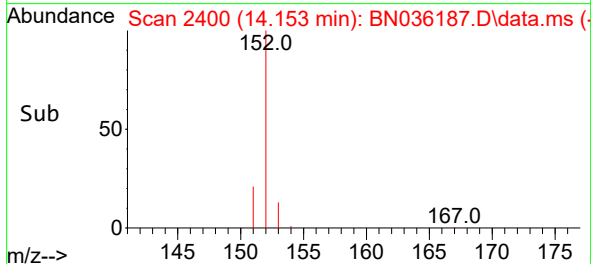
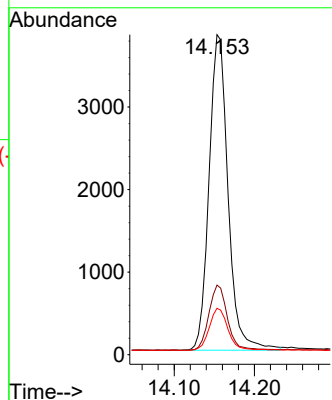
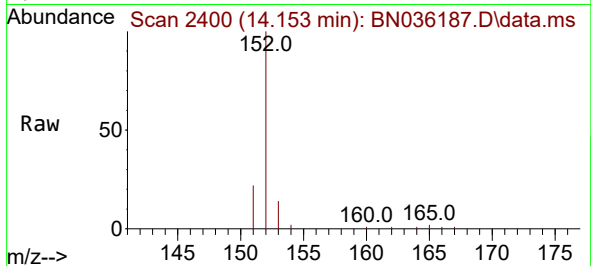




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.153 min Scan# 2400
Delta R.T. -0.014 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

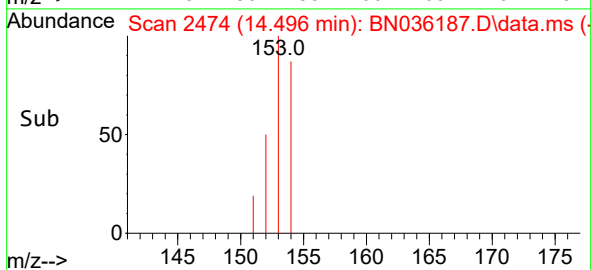
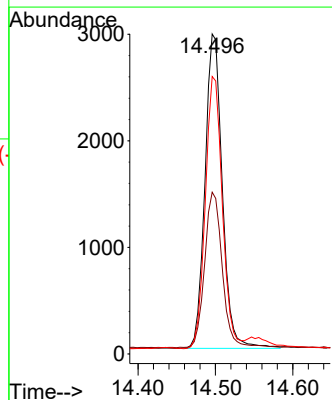
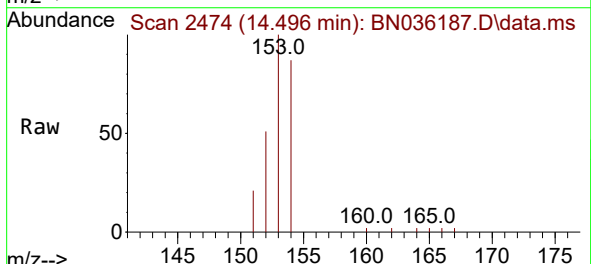
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ClientSampleId :
SSTD0.4394

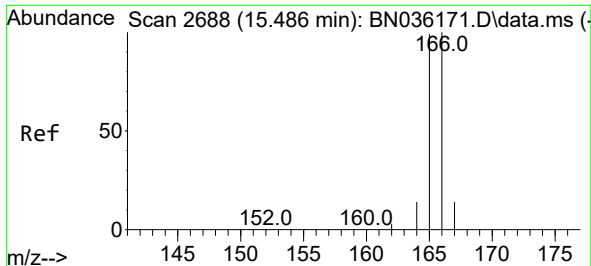
Tgt Ion:152 Resp: 6283
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2
153 14.5 11.9 17.9



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.496 min Scan# 2474
Delta R.T. -0.019 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Tgt Ion:153 Resp: 4593
Ion Ratio Lower Upper
153 100
152 50.5 43.2 64.8
154 86.7 70.5 105.7

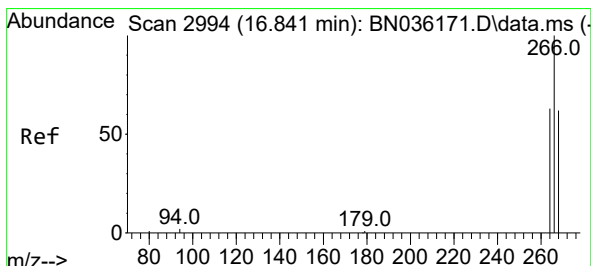
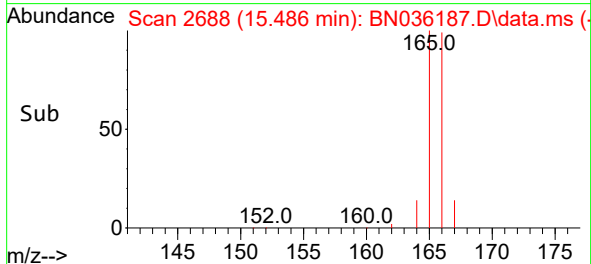
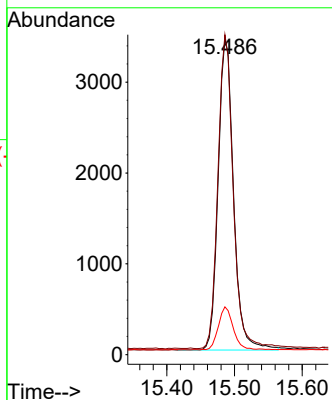
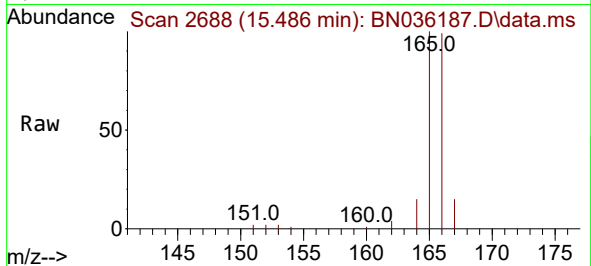




#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.486 min Scan# 2095
Delta R.T. -0.014 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

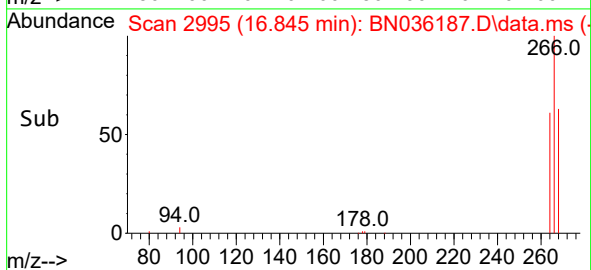
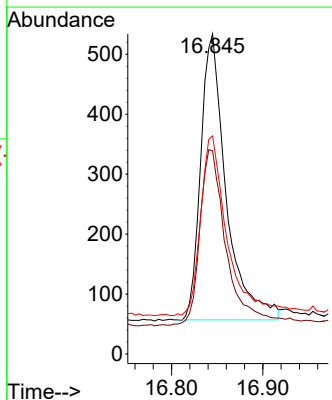
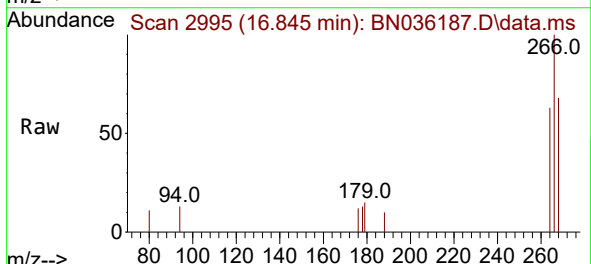
Instrument :
BNA_P
ClientSampleId :
SSTD0.4394

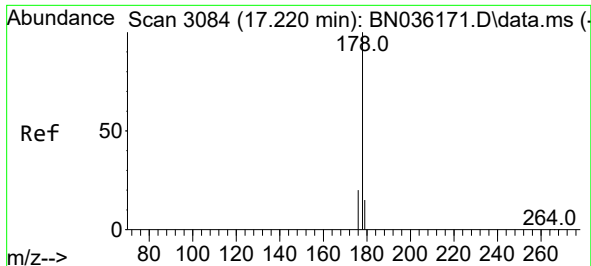
Tgt Ion:166 Resp: 5413
Ion Ratio Lower Upper
166 100
165 101.2 80.3 120.5
167 15.1 12.3 18.5



#14
Pentachlorophenol
Concen: 0.329 ng/ul
RT: 16.845 min Scan# 2995
Delta R.T. 0.004 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Tgt Ion:266 Resp: 924
Ion Ratio Lower Upper
266 100
264 62.9 50.6 75.8
268 64.8 50.6 75.8

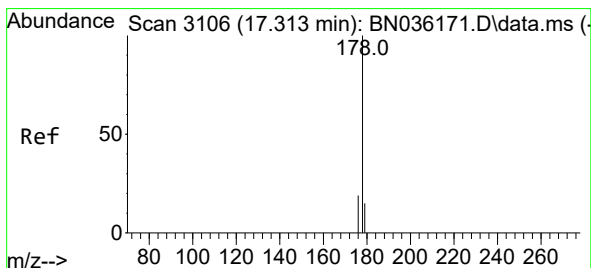
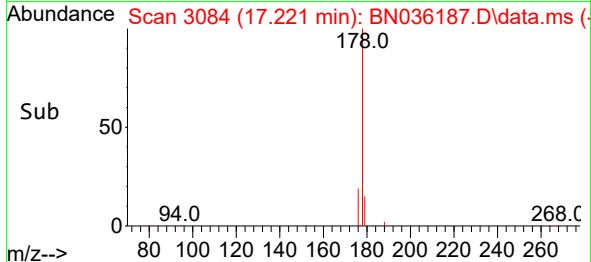
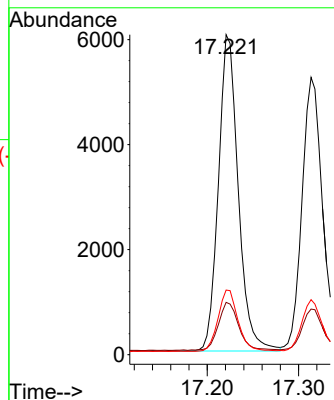
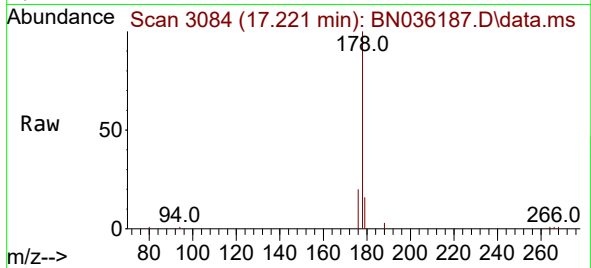




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.221 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

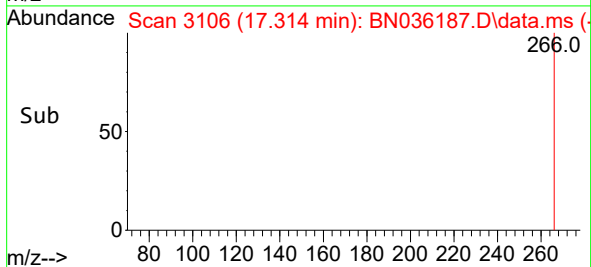
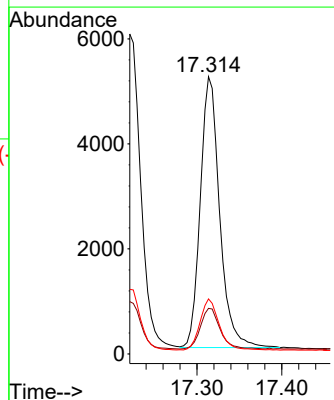
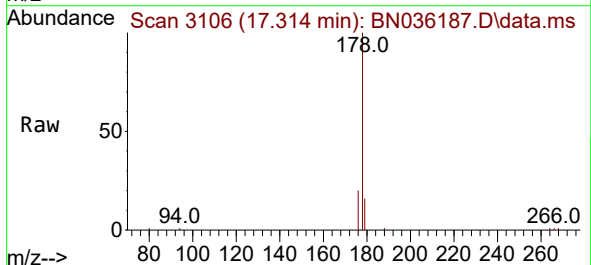
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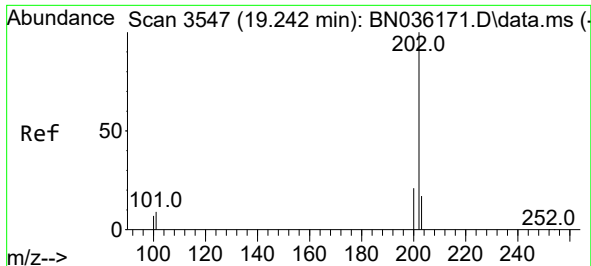
Tgt Ion:178 Resp: 9068
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 20.2 16.8 25.2



#16
Anthracene
Concen: 0.375 ng/ul
RT: 17.314 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Tgt Ion:178 Resp: 8181
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.8 15.9 23.9

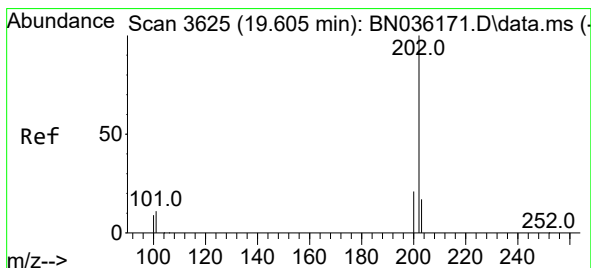
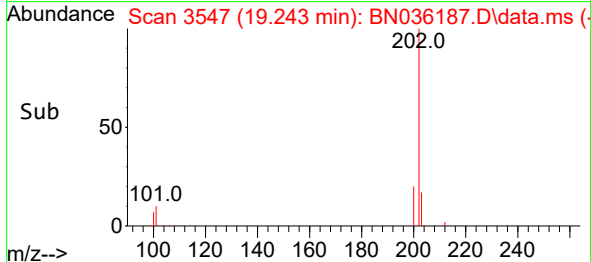
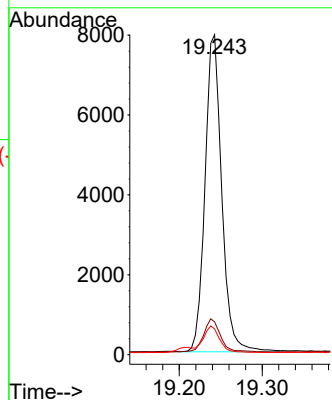
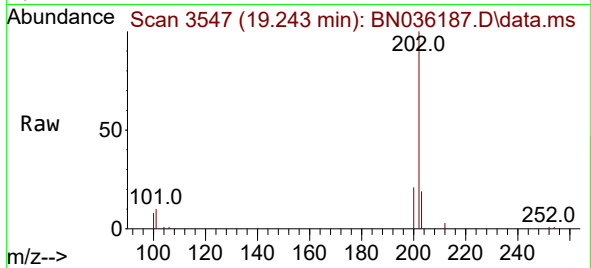




#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.243 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

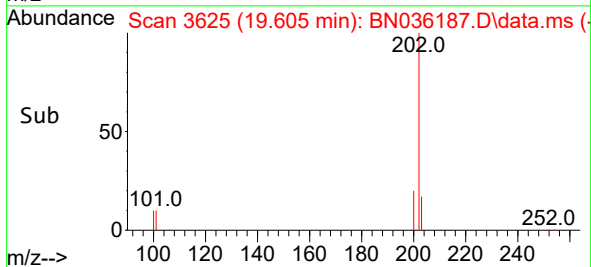
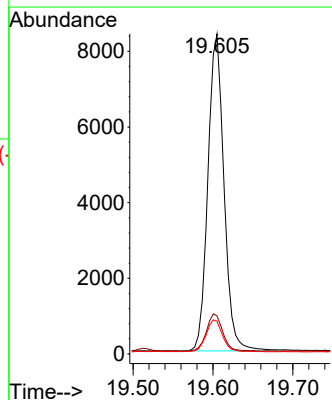
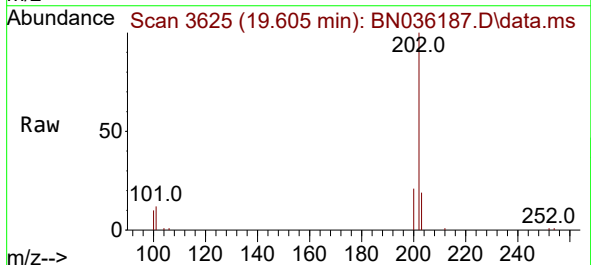
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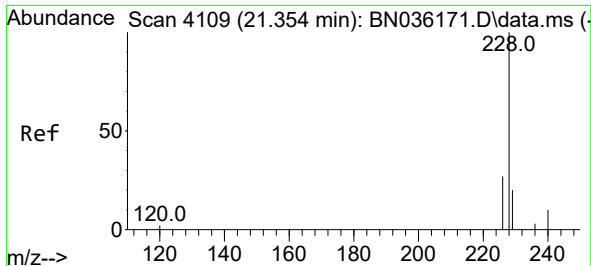
Tgt Ion:202 Resp: 11144
Ion Ratio Lower Upper
202 100
101 10.3 8.4 12.6
100 8.1 6.5 9.7



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.605 min Scan# 3625
Delta R.T. -0.005 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Tgt Ion:202 Resp: 11738
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 10.2 7.5 11.3

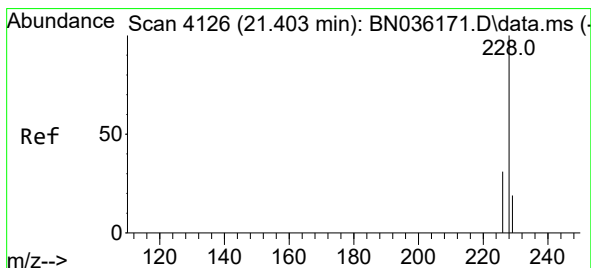
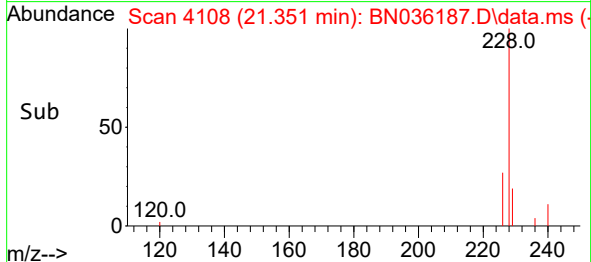
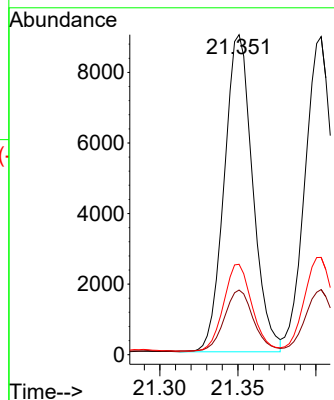
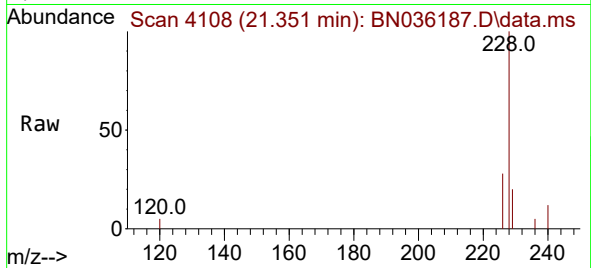




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.351 min Scan# 4109
Delta R.T. -0.003 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

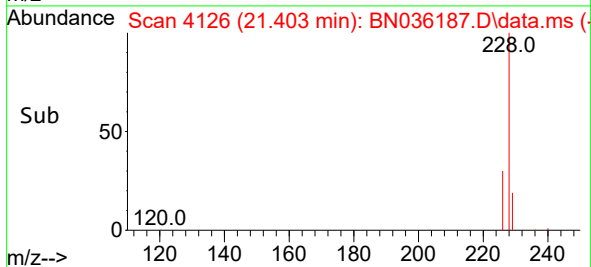
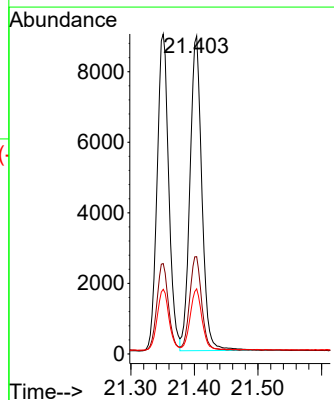
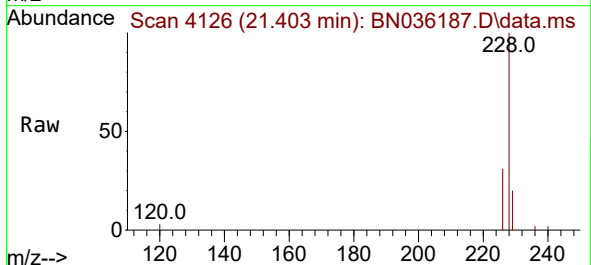
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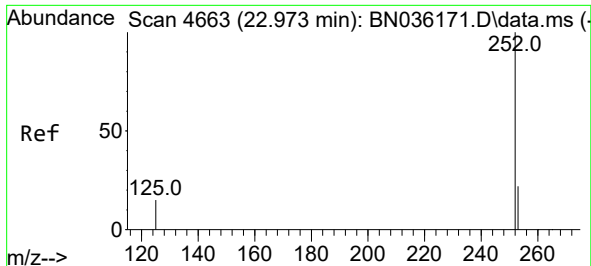
Tgt Ion:228 Resp: 11406
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.3 22.8 34.2



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.403 min Scan# 4126
Delta R.T. -0.003 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

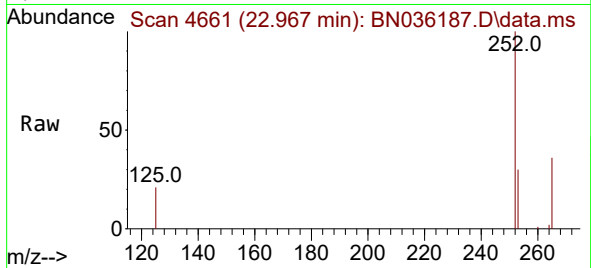
Tgt Ion:228 Resp: 11644
Ion Ratio Lower Upper
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226 30.6 24.4 36.6
229 20.5 15.9 23.9



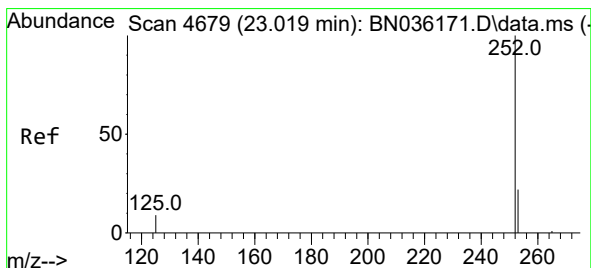
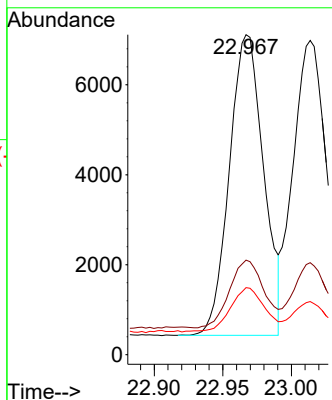


#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 22.967 min Scan# 4661
Delta R.T. -0.006 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Instrument :
BNA_P
ClientSampleId :
SSTD0.4394

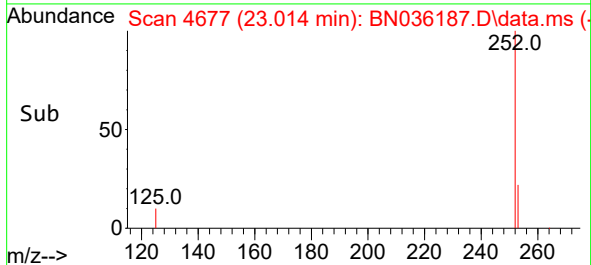
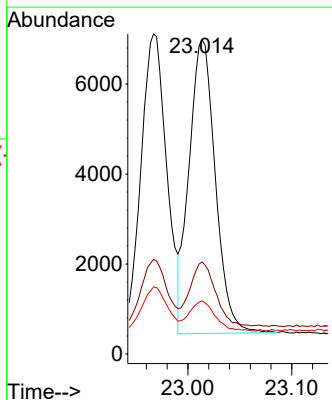
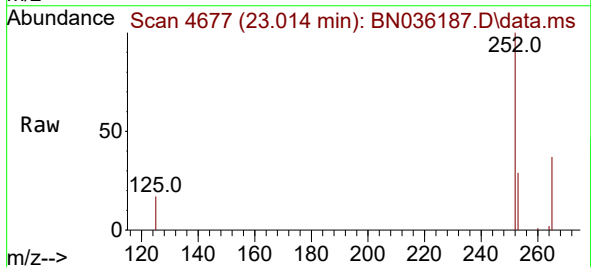


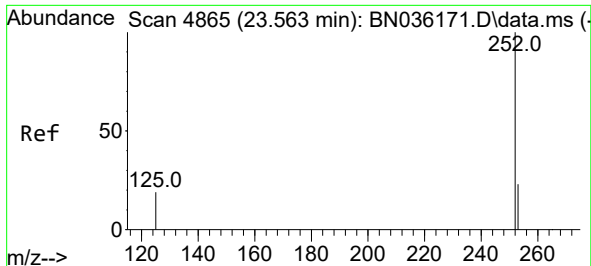
Tgt Ion:252 Resp: 11605
Ion Ratio Lower Upper
252 100
253 29.6 0.0 51.2
125 21.0 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.014 min Scan# 4677
Delta R.T. -0.006 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

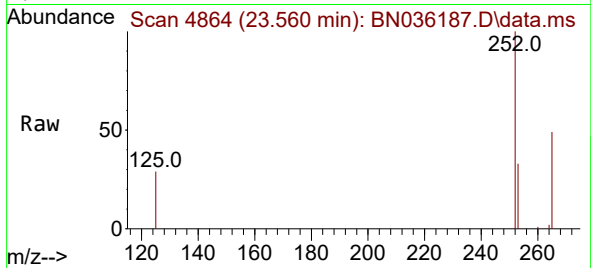
Tgt Ion:252 Resp: 11479
Ion Ratio Lower Upper
252 100
253 29.3 20.2 30.4
125 16.9 10.6 16.0#



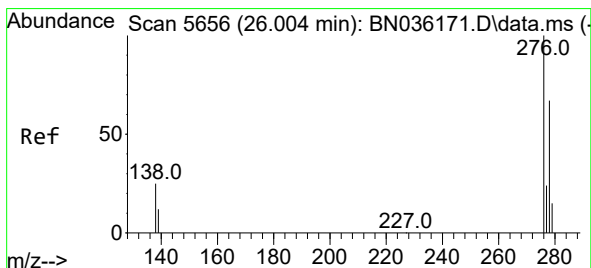
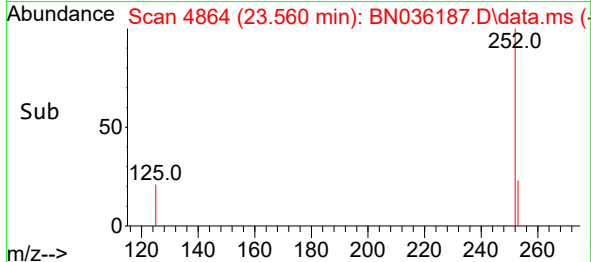
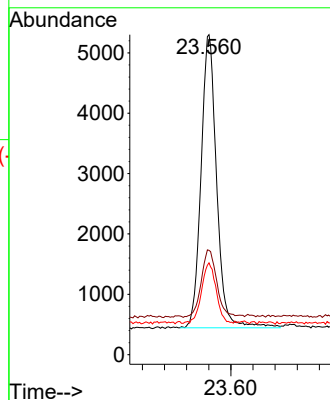


#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.560 min Scan# 4865
Delta R.T. -0.003 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Instrument :
BNA_P
ClientSampleId :
SSTD0.4394

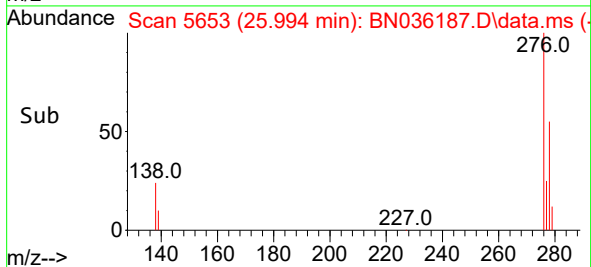
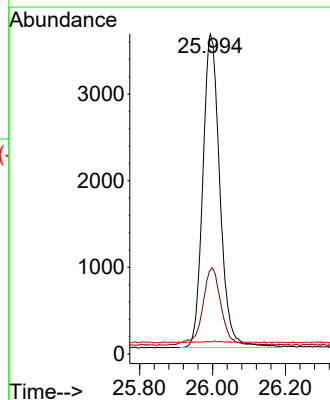
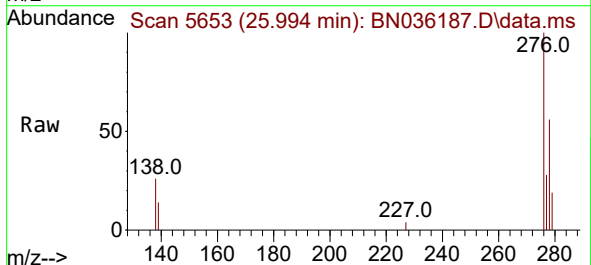


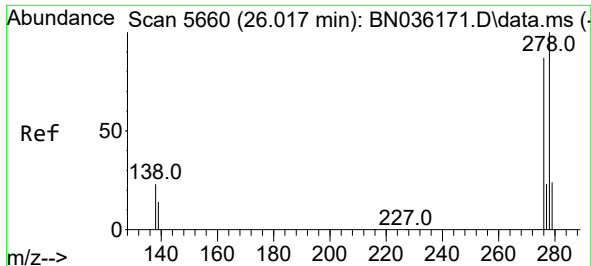
Tgt Ion:252 Resp: 9532
Ion Ratio Lower Upper
252 100
253 32.6 22.2 33.4
125 28.7 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.994 min Scan# 5653
Delta R.T. -0.010 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Tgt Ion:276 Resp: 11743
Ion Ratio Lower Upper
276 100
138 26.5 20.2 30.4
227 0.2 0.1 0.1#

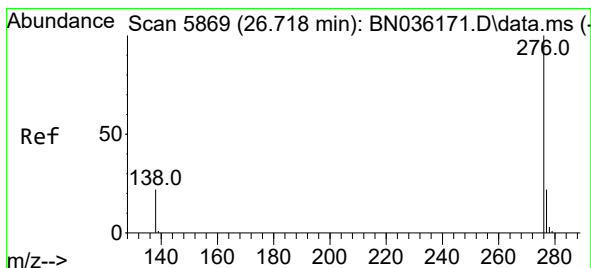
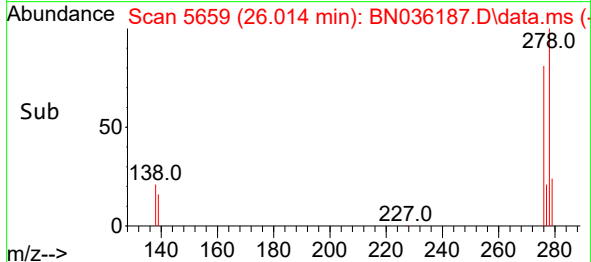
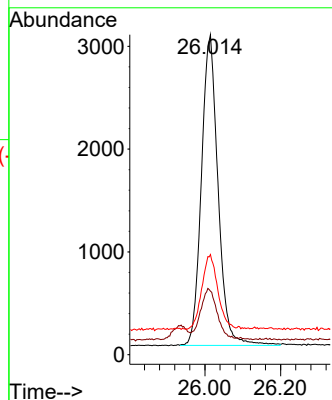
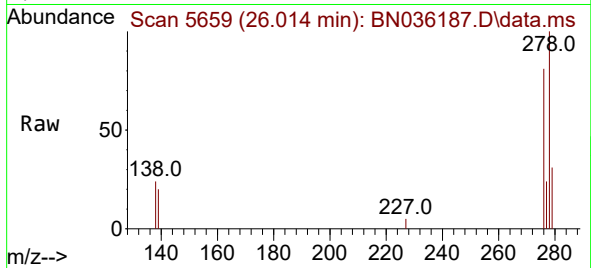




#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 26.014 min Scan# 5659
Delta R.T. -0.007 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Instrument :
BNA_P
ClientSampleId :
SSTD0.4394

Tgt Ion:278 Resp: 9205
Ion Ratio Lower Upper
278 100
139 19.9 15.4 23.2
279 31.3 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 26.709 min Scan# 5866
Delta R.T. -0.010 min
Lab File: BN036187.D
Acq: 01 Feb 2025 03:16

Tgt Ion:276 Resp: 9076
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 26.8 21.1 31.7

