

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111624\
 Data File : BN035138.D
 Acq On : 16 Nov 2024 14:50
 Operator : RC/JU
 Sample : SSTD1.641
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6227

Quant Time: Nov 18 00:35:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:33:27 2024
 Response via : Initial Calibration

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

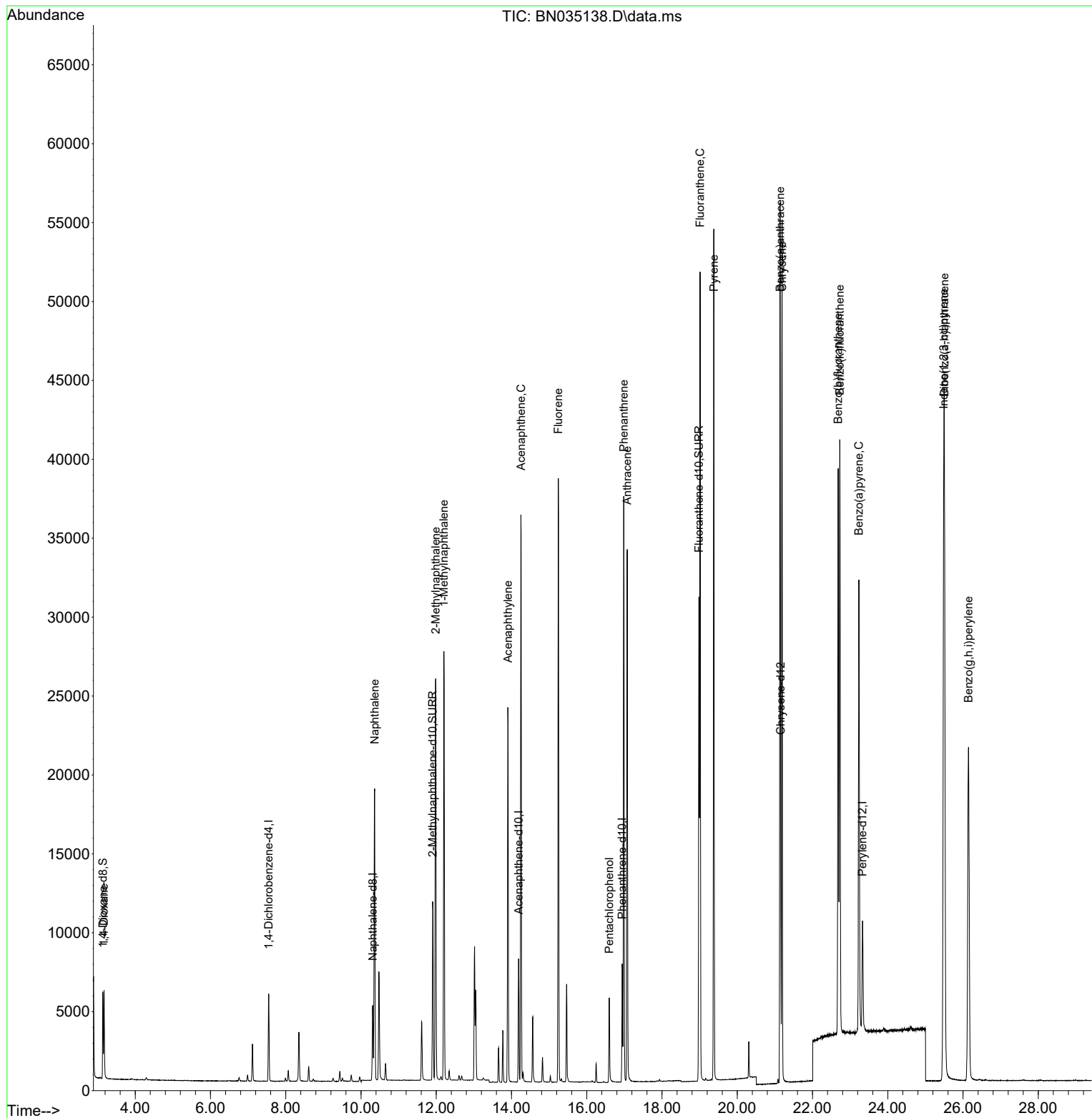
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	2749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.312	136	6448	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.190	164	4268	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	9073	0.400	ng/ul	0.00
17) Chrysene-d12	21.152	240	8187	0.400	ng/ul	0.00
23) Perylene-d12	23.329	264	8635	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	3853	1.473	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	14582	1.477	ng/ul	0.00
18) Fluoranthene-d10	18.982	212	34707	1.651	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	4177	1.457	ng/ul	95
5) Naphthalene	10.361	128	24793	1.537	ng/ul	97
7) 2-Methylnaphthalene	11.983	142	17459	1.450	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	17663	1.461	ng/ul	99
10) Acenaphthylene	13.903	152	26229	1.504	ng/ul	99
11) Acenaphthene	14.250	153	19821	1.500	ng/ul	98
12) Fluorene	15.244	166	23441	1.394	ng/ul	99
14) Pentachlorophenol	16.599	266	3585	1.709	ng/ul	99
15) Phenanthrene	16.983	178	37109	1.531	ng/ul	99
16) Anthracene	17.076	178	35061	1.539	ng/ul	98
19) Fluoranthene	19.010	202	44297	1.619	ng/ul	99
20) Pyrene	19.377	202	45455	1.602	ng/ul	98
21) Benzo(a)anthracene	21.137	228	43950	1.482	ng/ul	100
22) Chrysene	21.190	228	43550	1.440	ng/ul	98
24) Benzo(b)fluoranthene	22.680	252	44543	1.467	ng/ul	92
25) Benzo(k)fluoranthene	22.724	252	45367	1.428	ng/ul#	91
26) Benzo(a)pyrene	23.233	252	40413	1.490	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.487	276	54526	1.643	ng/ul	99
28) Dibenzo(a,h)anthracene	25.504	278	42878	1.659	ng/ul	94
29) Benzo(g,h,i)perylene	26.145	276	42584	1.680	ng/ul	97

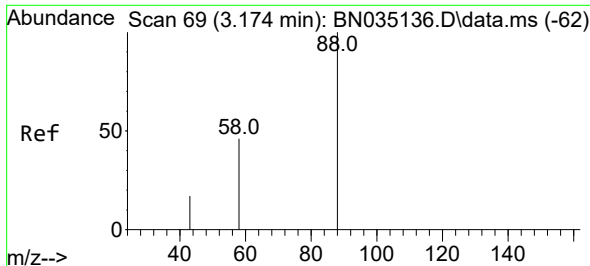
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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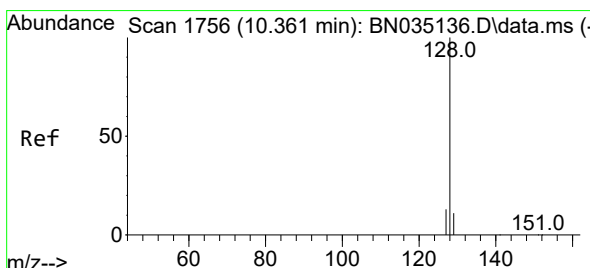
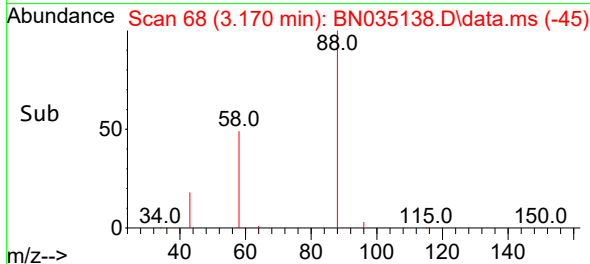
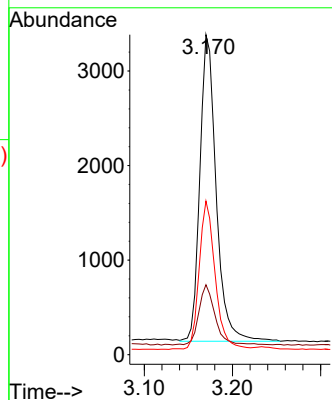
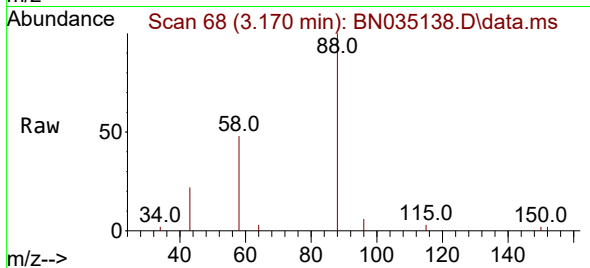




#2
1,4-Dioxane
Concen: 1.457 ng/ul
RT: 3.170 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

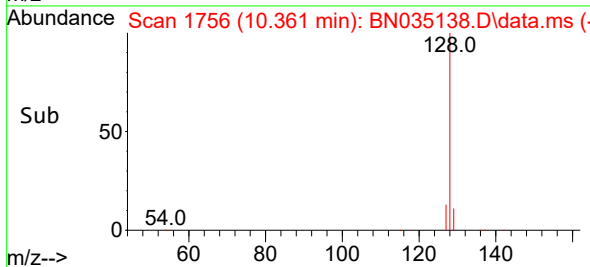
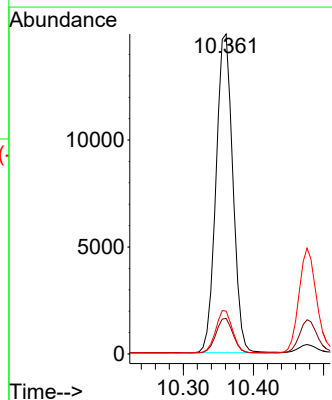
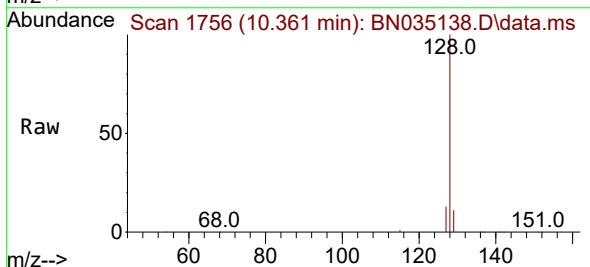
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

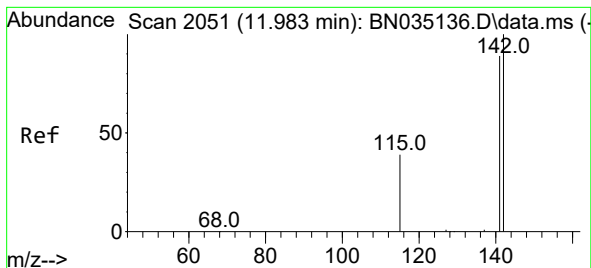
Tgt Ion: 88 Resp: 4177
Ion Ratio Lower Upper
88 100
43 21.8 20.6 31.0
58 48.0 36.2 54.4



#5
Naphthalene
Concen: 1.537 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:128 Resp: 24793
Ion Ratio Lower Upper
128 100
129 11.1 9.9 14.9
127 13.4 11.4 17.2

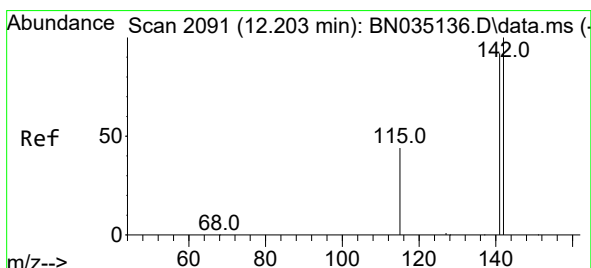
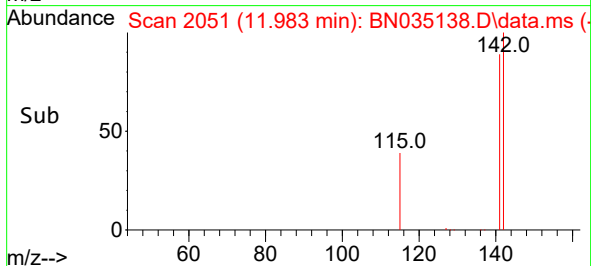
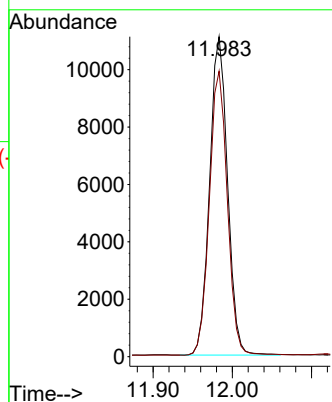
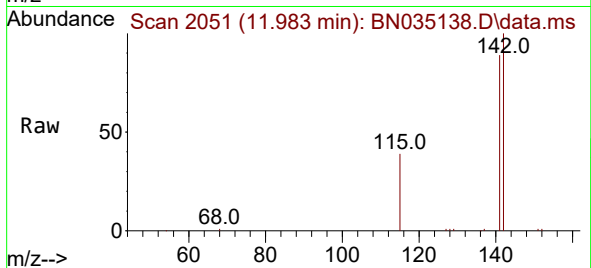




#7
2-Methylnaphthalene
Concen: 1.450 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

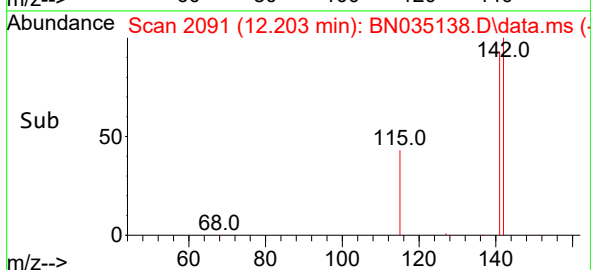
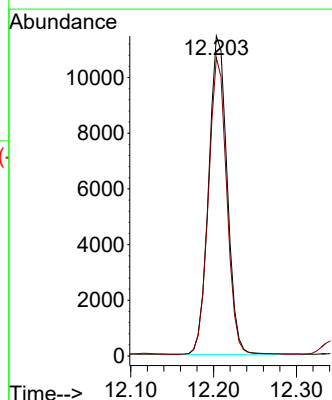
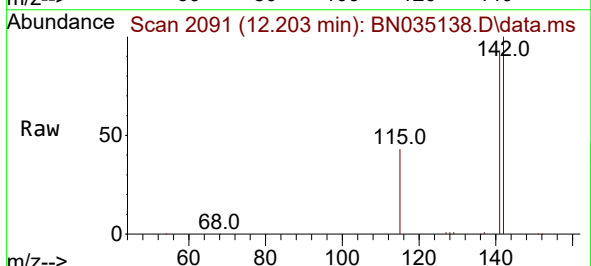
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

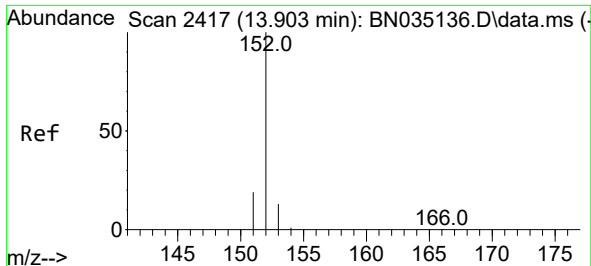
Tgt Ion:142 Resp: 17459
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6



#8
1-Methylnaphthalene
Concen: 1.461 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:142 Resp: 17663
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7

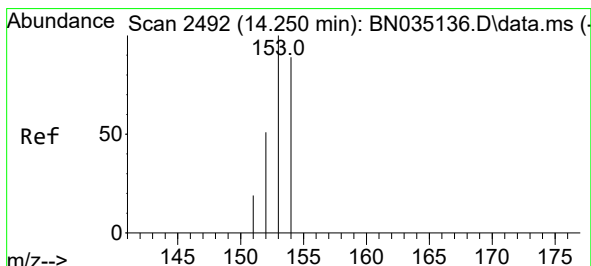
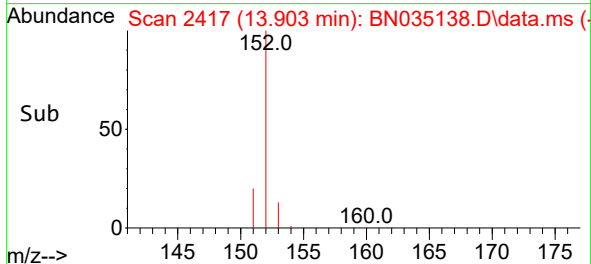
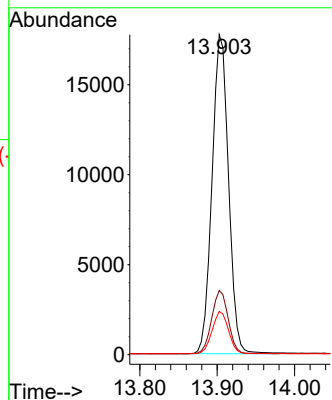
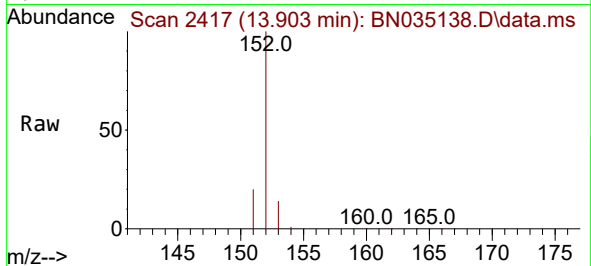




#10
Acenaphthylene
Concen: 1.504 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

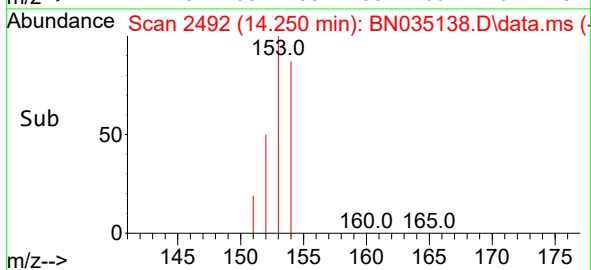
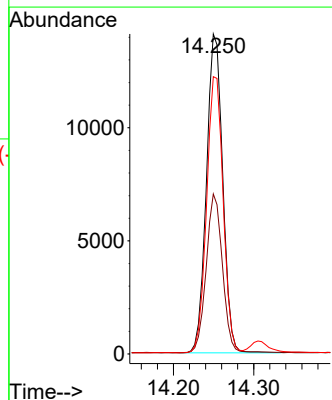
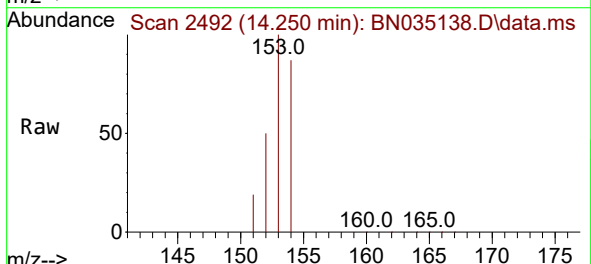
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BNA_N
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SSTD1.6227

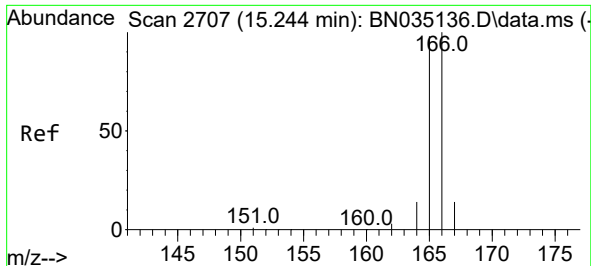
Tgt Ion:152 Resp: 26229
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 1.500 ng/ul
RT: 14.250 min Scan# 2492
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:153 Resp: 19821
Ion Ratio Lower Upper
153 100
152 50.0 41.4 62.0
154 86.7 71.2 106.8

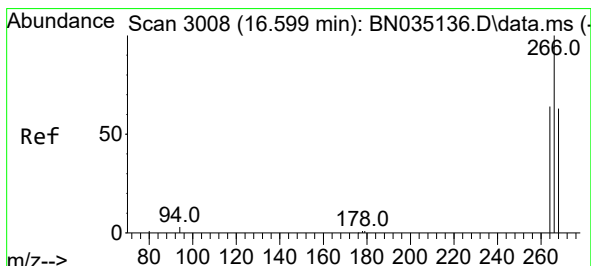
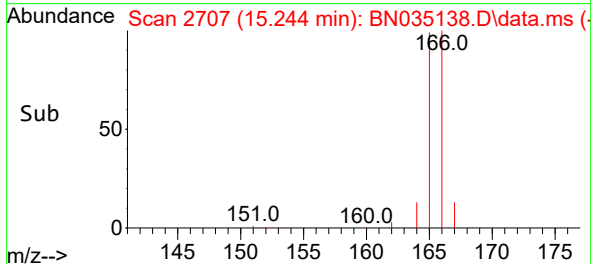
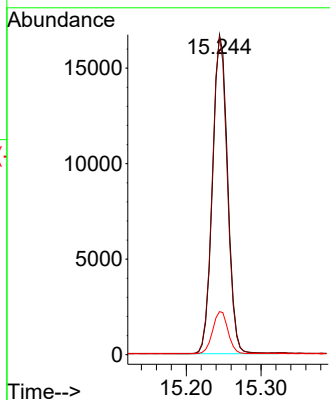
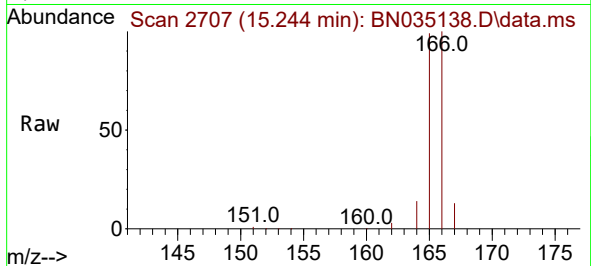




#12
Fluorene
Concen: 1.394 ng/ul
RT: 15.244 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

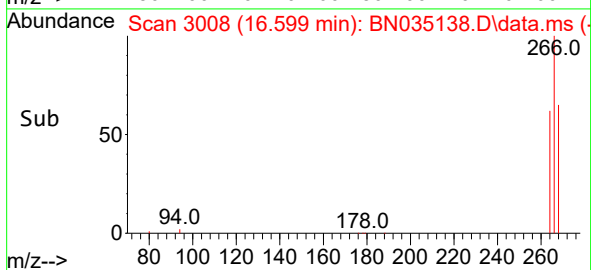
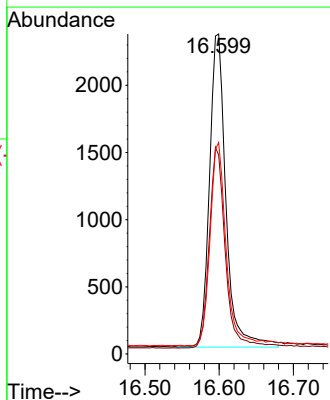
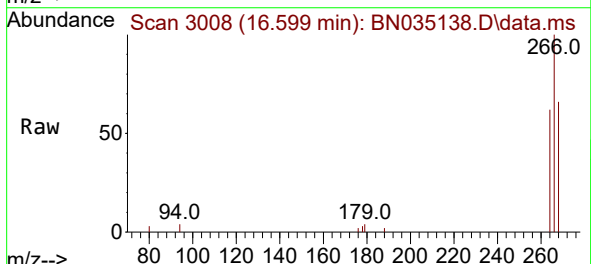
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

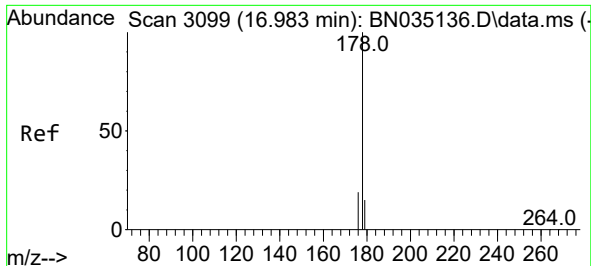
Tgt Ion:166 Resp: 23441
Ion Ratio Lower Upper
166 100
165 99.3 78.6 118.0
167 13.5 11.8 17.6



#14
Pentachlorophenol
Concen: 1.709 ng/ul
RT: 16.599 min Scan# 3008
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:266 Resp: 3585
Ion Ratio Lower Upper
266 100
264 63.0 51.8 77.6
268 63.8 51.3 76.9

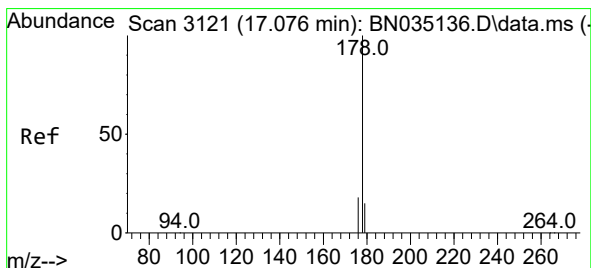
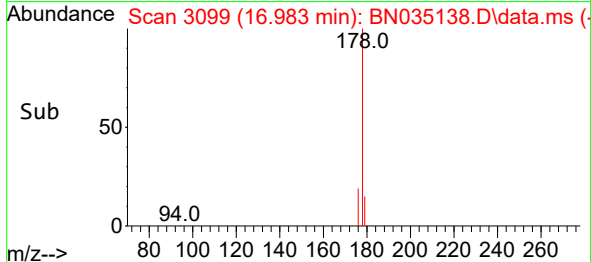
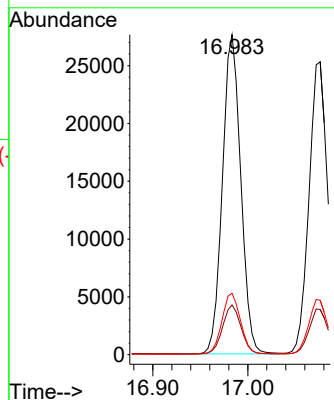
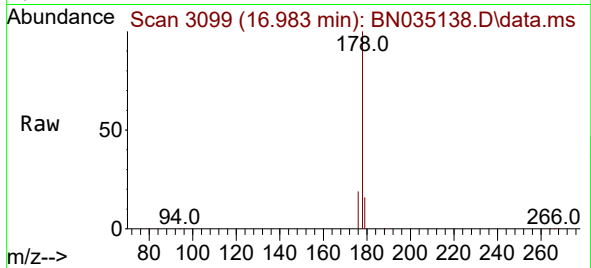




#15
Phenanthrene
Concen: 1.531 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

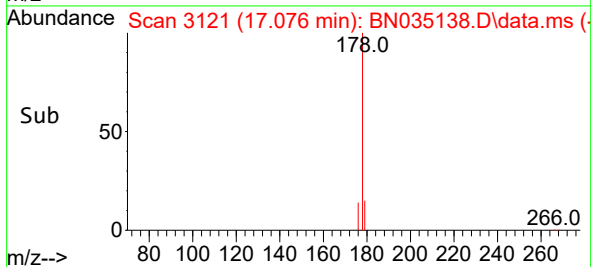
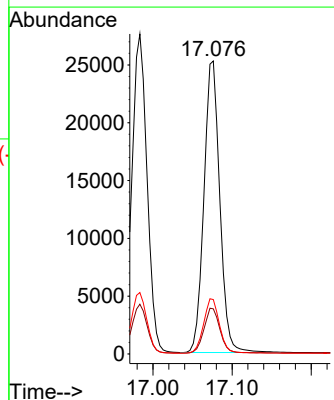
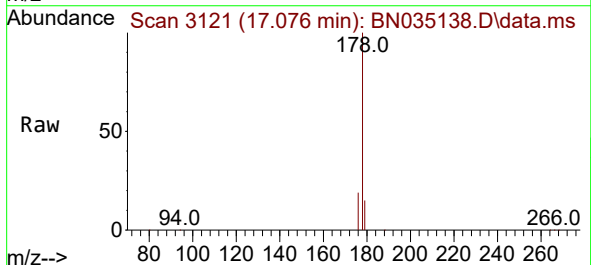
Instrument :
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ClientSampleId :
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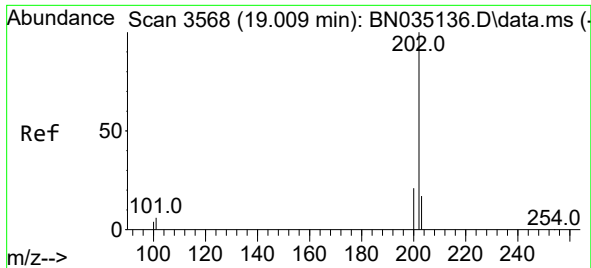
Tgt Ion:178 Resp: 37109
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.2 15.6 23.4



#16
Anthracene
Concen: 1.539 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:178 Resp: 35061
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 18.6 15.4 23.2

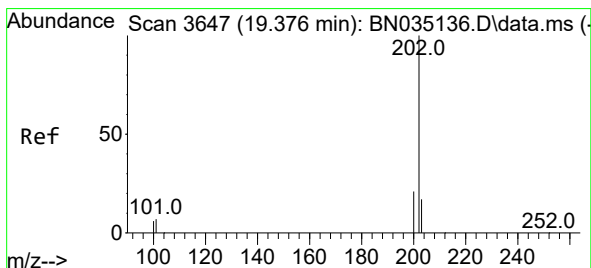
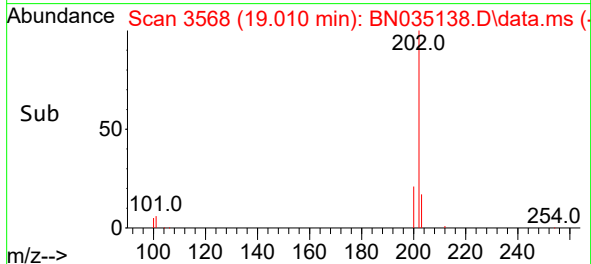
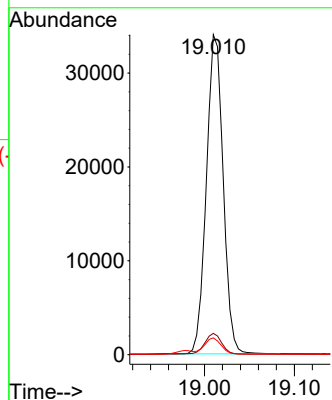
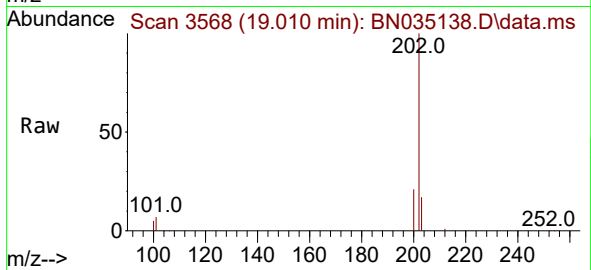




#19
Fluoranthene
Concen: 1.619 ng/ul
RT: 19.010 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

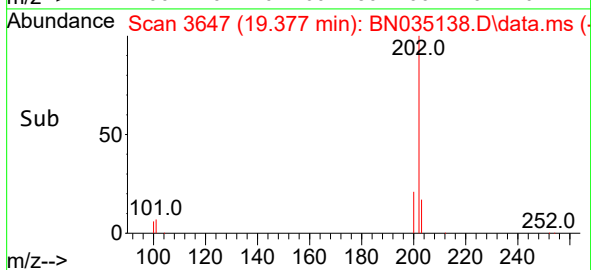
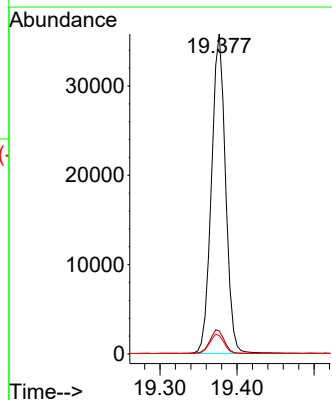
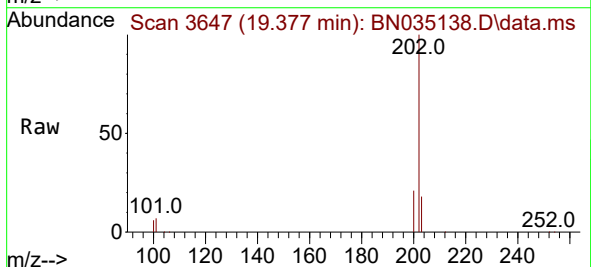
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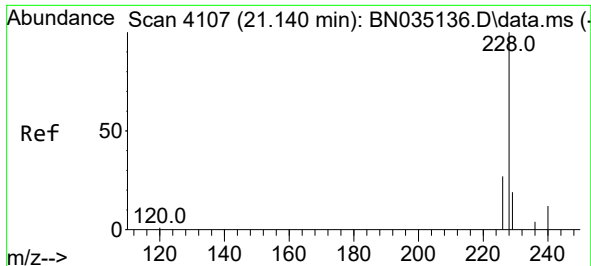
Tgt Ion:202 Resp: 44297
Ion Ratio Lower Upper
202 100
101 6.6 5.8 8.6
100 5.2 4.5 6.7



#20
Pyrene
Concen: 1.602 ng/ul
RT: 19.377 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:202 Resp: 45455
Ion Ratio Lower Upper
202 100
101 7.2 6.2 9.4
100 5.8 5.1 7.7

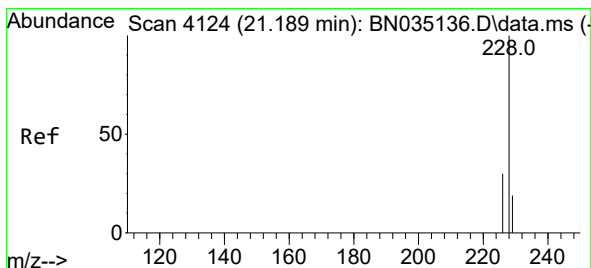
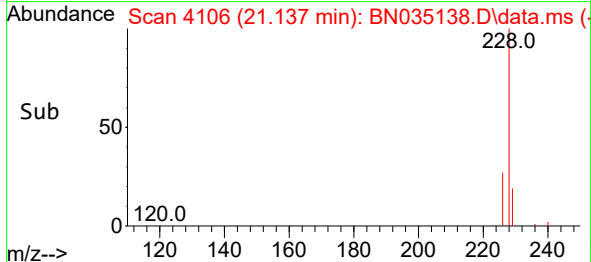
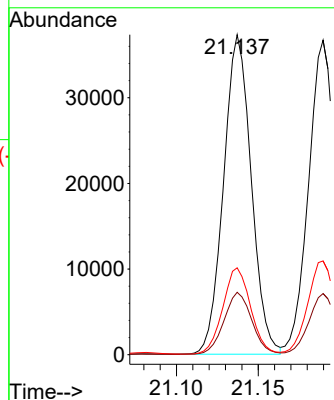
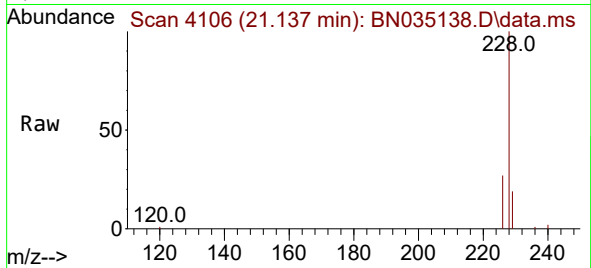




#21
Benzo(a)anthracene
Concen: 1.482 ng/ul
RT: 21.137 min Scan# 4107
Delta R.T. -0.002 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

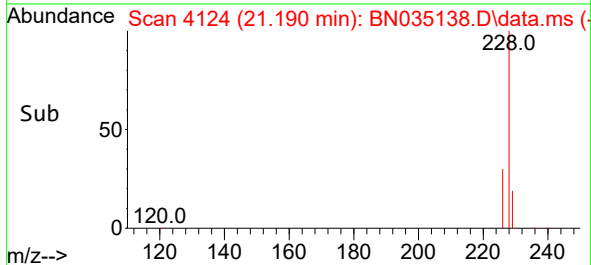
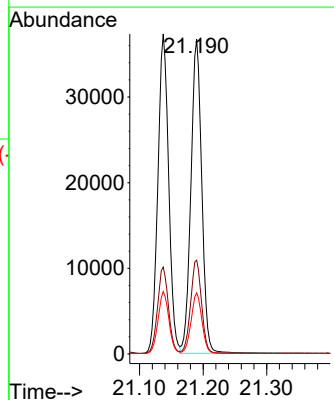
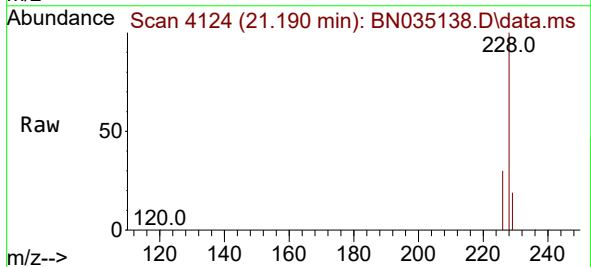
Instrument :
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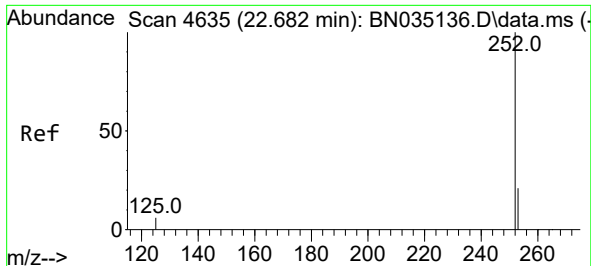
Tgt Ion:228 Resp: 43950
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.1 21.8 32.8



#22
Chrysene
Concen: 1.440 ng/ul
RT: 21.190 min Scan# 4124
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:228 Resp: 43550
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 19.4 16.0 24.0

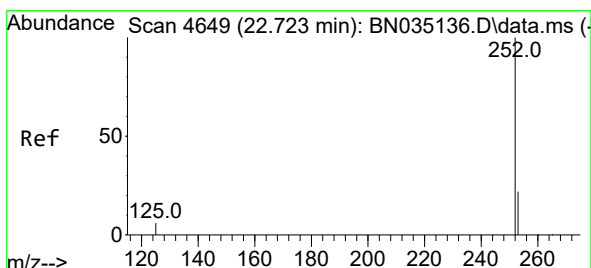
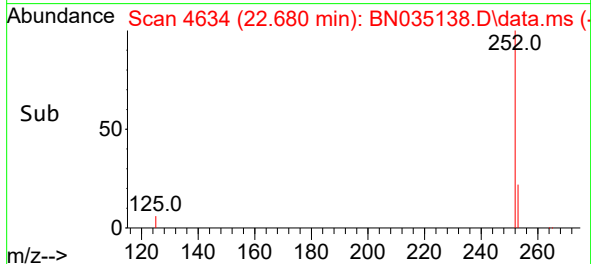
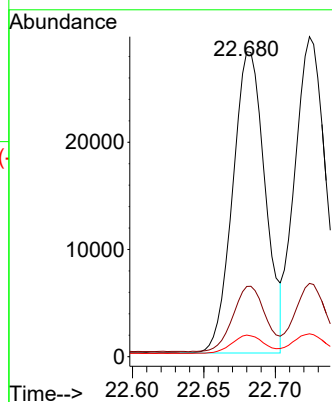
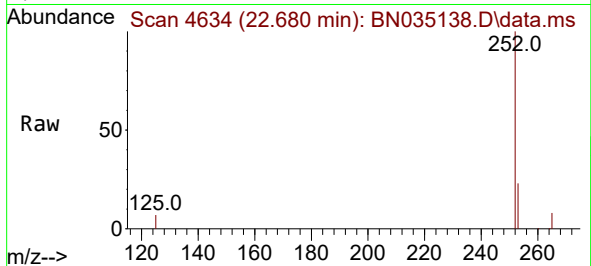




#24
Benzo(b)fluoranthene
Concen: 1.467 ng/ul
RT: 22.680 min Scan# 4634
Delta R.T. -0.002 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

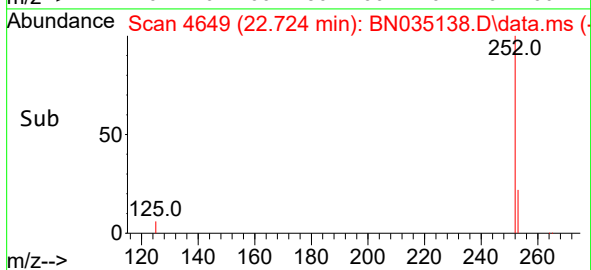
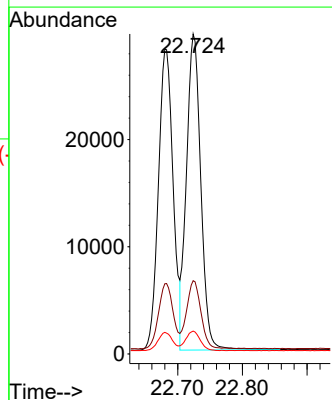
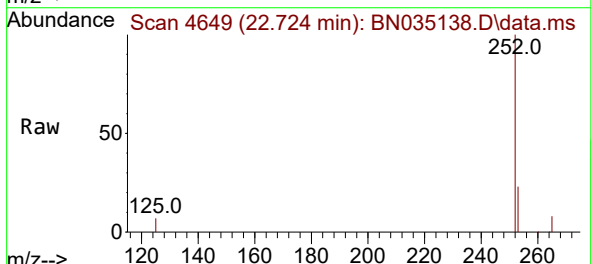
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

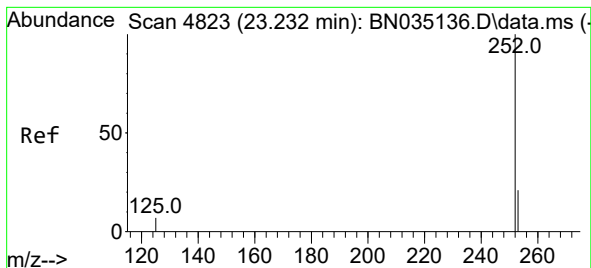
Tgt Ion:252 Resp: 44543
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 7.1 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 1.428 ng/ul
RT: 22.724 min Scan# 4649
Delta R.T. 0.000 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:252 Resp: 45367
Ion Ratio Lower Upper
252 100
253 22.9 21.8 32.6
125 7.2 8.6 12.8#





#26

Benzo(a)pyrene

Concen: 1.490 ng/ul

RT: 23.233 min Scan# 4823

Delta R.T. 0.000 min

Lab File: BN035138.D

Acq: 16 Nov 2024 14:50

Instrument :

BNA_N

ClientSampleId :

SSTD1.6227

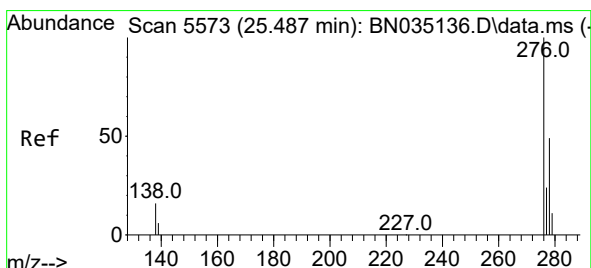
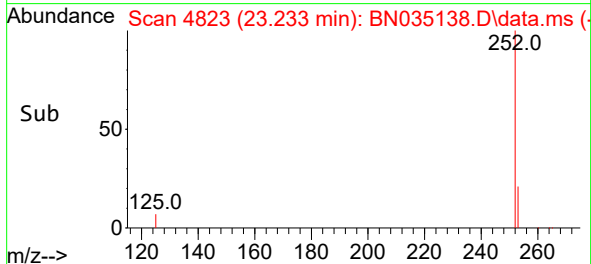
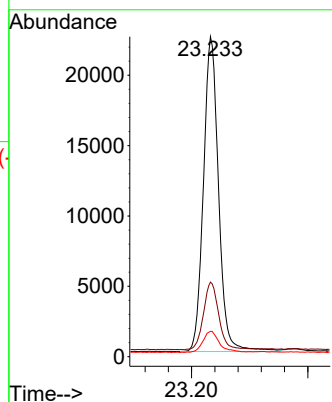
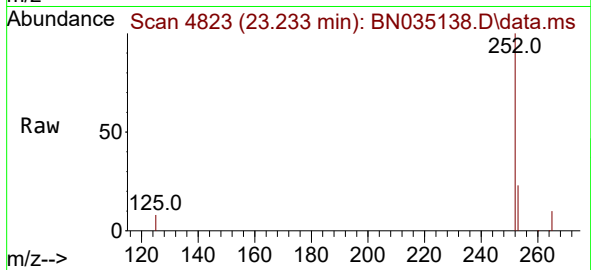
Tgt Ion:252 Resp: 40413

Ion Ratio Lower Upper

252 100

253 23.3 22.9 34.3

125 7.9 9.4 14.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.643 ng/ul

RT: 25.487 min Scan# 5573

Delta R.T. 0.000 min

Lab File: BN035138.D

Acq: 16 Nov 2024 14:50

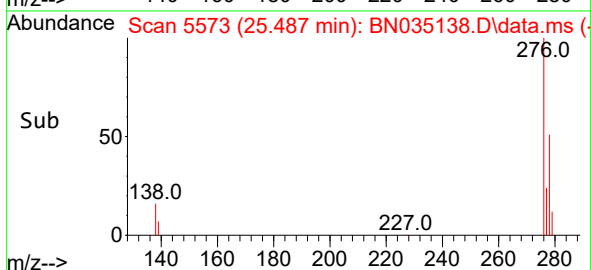
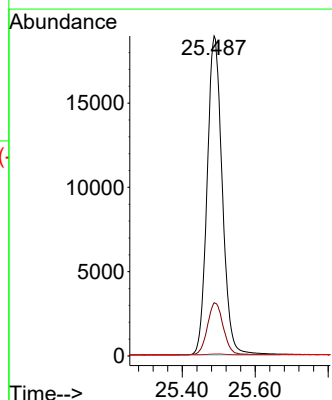
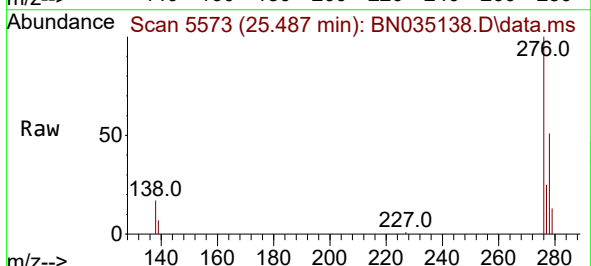
Tgt Ion:276 Resp: 54526

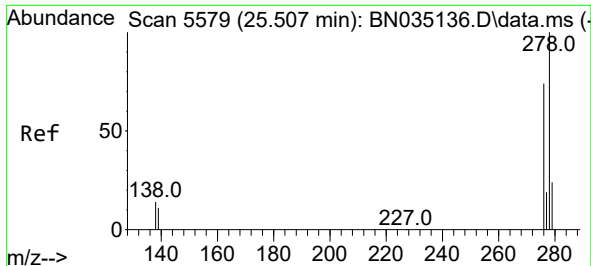
Ion Ratio Lower Upper

276 100

138 17.1 13.8 20.8

227 0.3 0.2 0.4

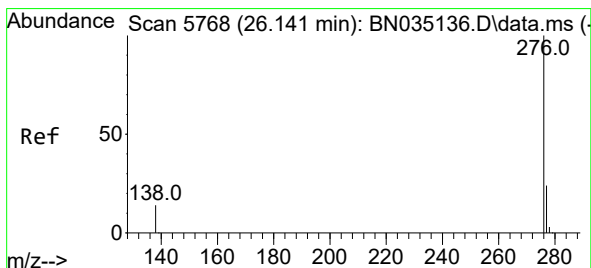
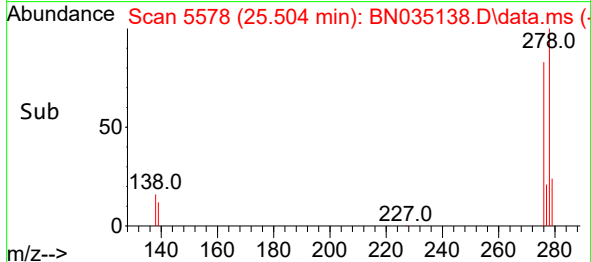
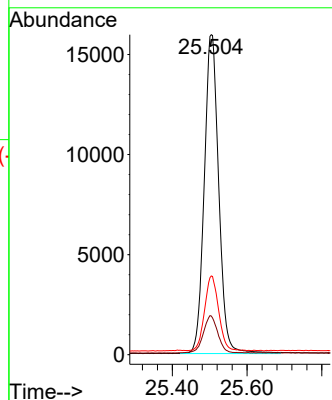
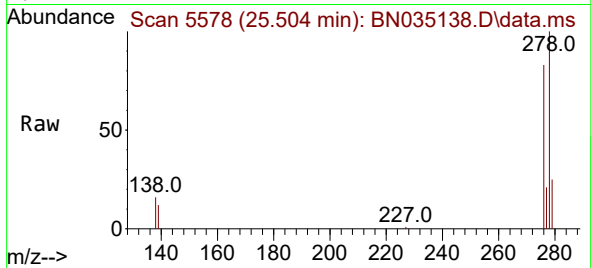




#28
Dibenzo(a,h)anthracene
Concen: 1.659 ng/ul
RT: 25.504 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:278 Resp: 42878
Ion Ratio Lower Upper
278 100
139 12.1 10.7 16.1
279 24.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 1.680 ng/ul
RT: 26.145 min Scan# 5769
Delta R.T. 0.004 min
Lab File: BN035138.D
Acq: 16 Nov 2024 14:50

Tgt Ion:276 Resp: 42584
Ion Ratio Lower Upper
276 100
138 15.0 13.0 19.6
277 23.7 20.5 30.7

