

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025247.D
 Acq On : 03 May 2023 19:43
 Operator : CG/JU
 Sample : 02447-18MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW937MS

Quant Time: May 04 04:30:50 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	14935	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	31557	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.555	240	28018	0.400	ng/ul	# 0.05
23) Perylene-d12	23.981	264	39931	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2206	0.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	8464	0.244	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	6064	0.082	ng/ul	0.07
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	5840	0.613	ng/ul#	77
5) Naphthalene	10.776	128	1771076	25.564	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	795616	18.750	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	711201	15.724	ng/ul	99
10) Acenaphthylene	14.288	152	2522859	45.345	ng/ul	99
11) Acenaphthene	14.630	153	2610461	55.662	ng/ul	97
12) Fluorene	15.620	166	3771767	71.941	ng/ul	99
14) Pentachlorophenol	16.988	266	3702	0.598	ng/ul	99
15) Phenanthrene	17.368	178	27860716	312.782	ng/ul	95
16) Anthracene	17.469	178	13364365	183.403	ng/ul	96
19) Fluoranthene	19.391	202	35143186	346.859	ng/ul#	87
20) Pyrene	19.758	202	32541665	312.603	ng/ul#	91
21) Benzo(a)anthracene	21.520	228	23043518	272.935	ng/ul#	79
22) Chrysene	21.581	228	22515572	244.467	ng/ul#	90
24) Benzo(b)fluoranthene	23.265	252	44785152	276.443	ng/ul	97
25) Benzo(k)fluoranthene	23.265	252	40181756	257.858	ng/ul	97
26) Benzo(a)pyrene	23.797	252	13823136	103.127	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.608	276	19379772	125.485	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.594	278	5523262	45.785	ng/ul	99
29) Benzo(g,h,i)perylene	27.403	276	17304122	131.771	ng/ul	98

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

BNA N

ClientSampleId :

EW937MS

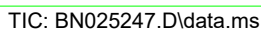
Quant Time: May 04 04:30:50 2023

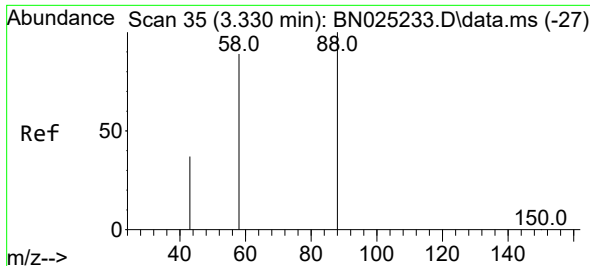
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 03 15:28:32 2023

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.613 ng/ul

RT: 3.335 min Scan# 30

Delta R.T. 0.005 min

Lab File: BN025247.D

Acq: 03 May 2023 19:43

Instrument :

BNA_N

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EW937MS

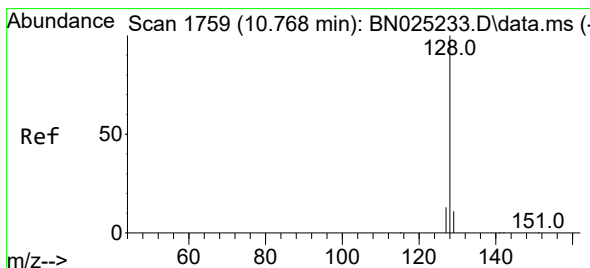
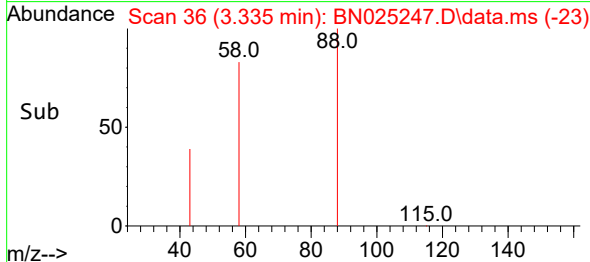
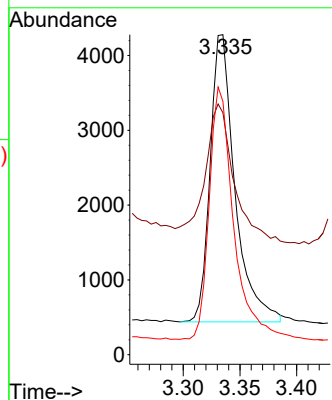
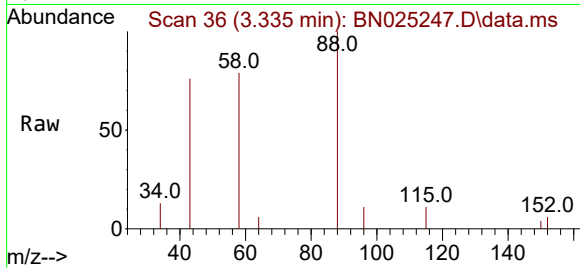
Tgt Ion: 88 Resp: 5840

Ion Ratio Lower Upper

88 100

43 75.6 37.0 55.4#

58 79.2 56.9 85.3



#5

Naphthalene

Concen: 25.564 ng/ul

RT: 10.776 min Scan# 1760

Delta R.T. 0.007 min

Lab File: BN025247.D

Acq: 03 May 2023 19:43

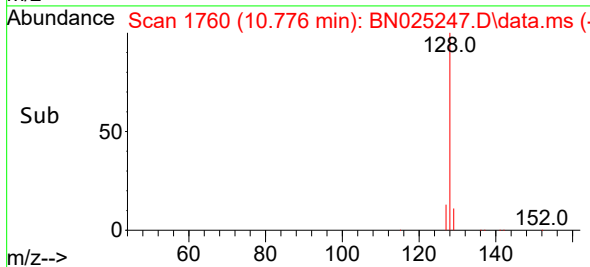
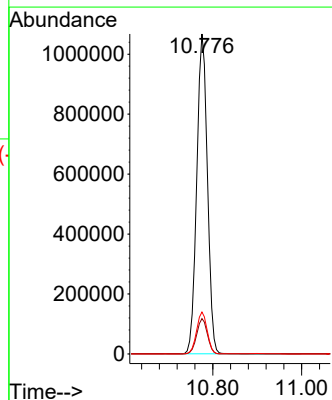
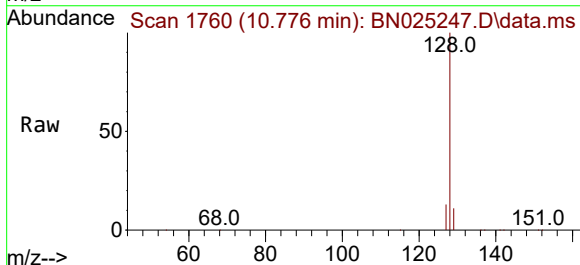
Tgt Ion:128 Resp: 1771076

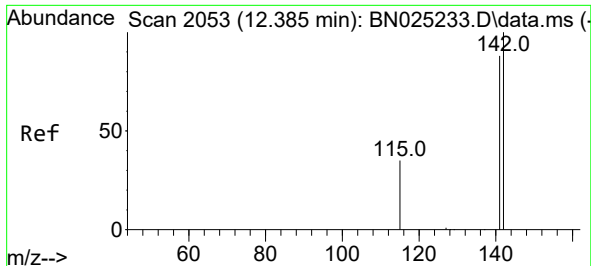
Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.1 10.7 16.1

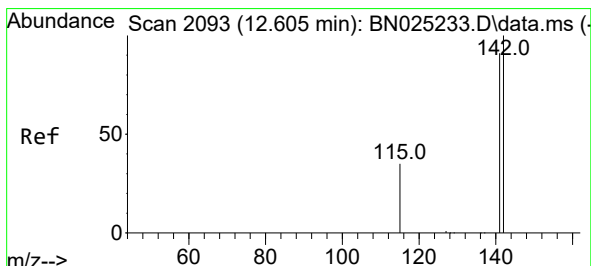
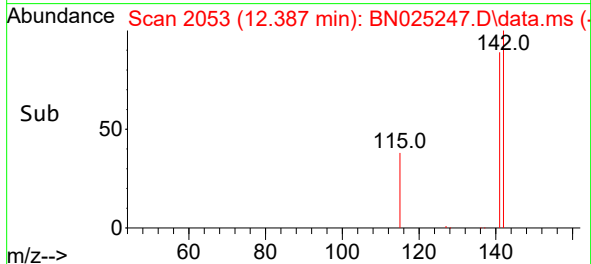
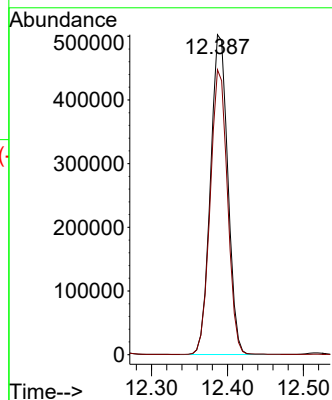
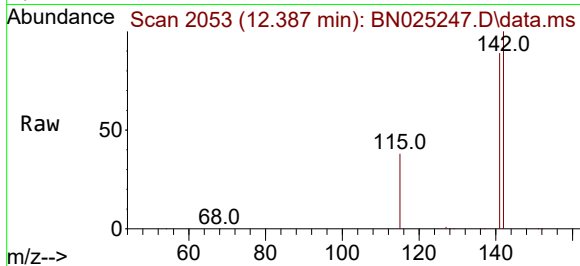




#7
2-Methylnaphthalene
Concen: 18.750 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

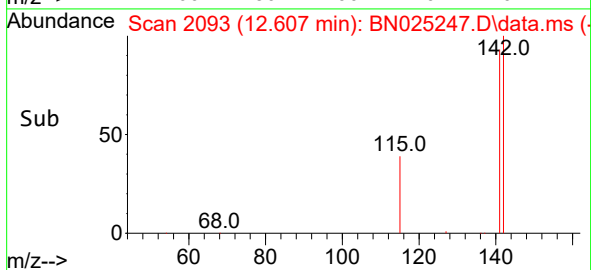
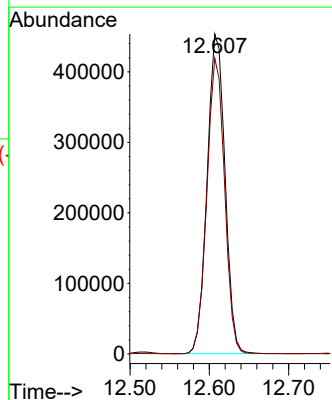
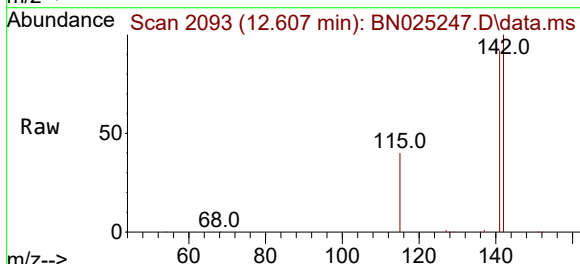
Instrument :
BNA_N
ClientSampleId :
EW937MS

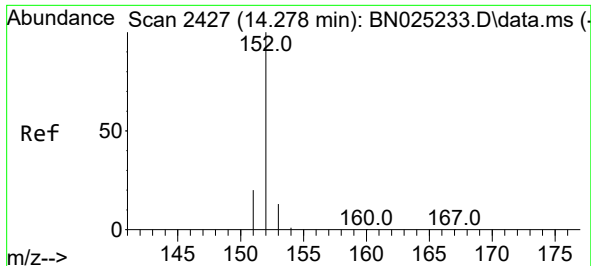
Tgt Ion:142 Resp: 795616
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0



#8
1-Methylnaphthalene
Concen: 15.724 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Tgt Ion:142 Resp: 711201
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6

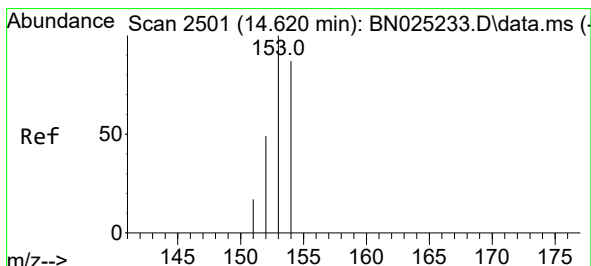
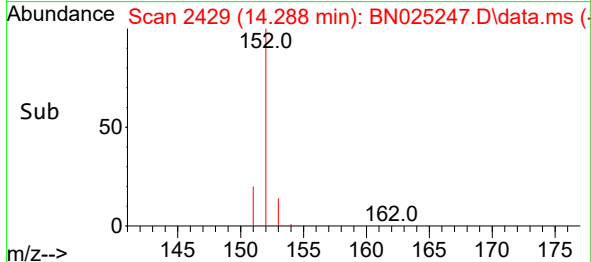
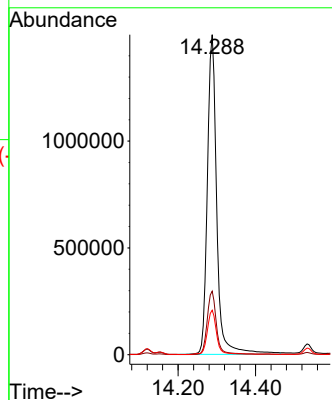
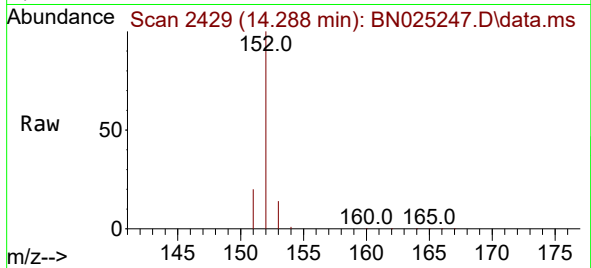




#10
Acenaphthylene
Concen: 45.345 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. 0.010 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

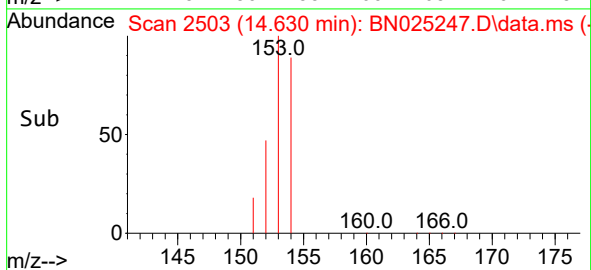
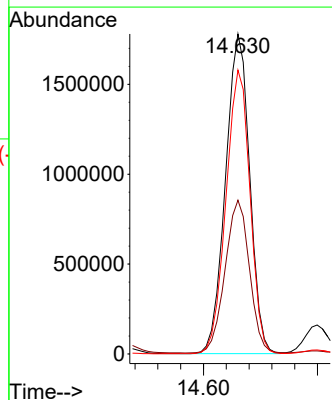
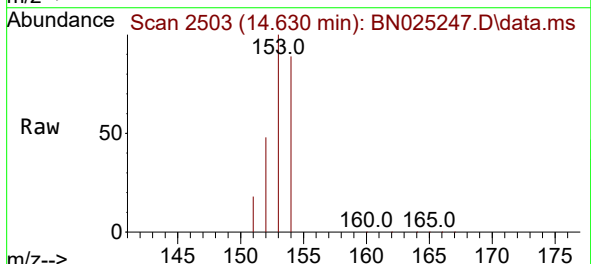
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BNA_N
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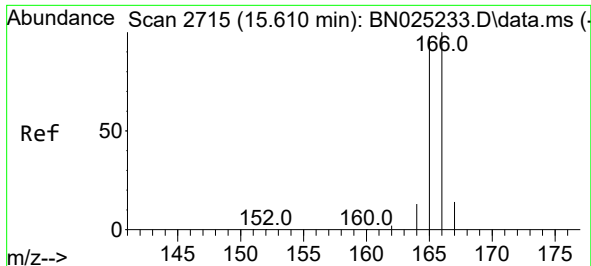
Tgt Ion:152 Resp: 2522859
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 55.662 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. 0.010 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Tgt Ion:153 Resp: 2610461
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 88.7 69.4 104.2

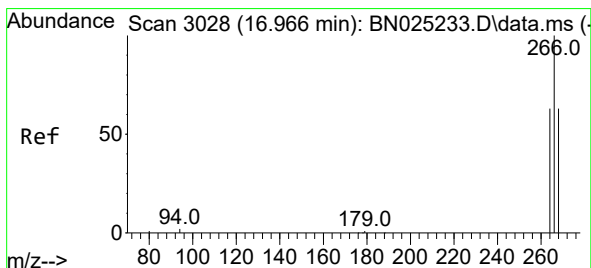
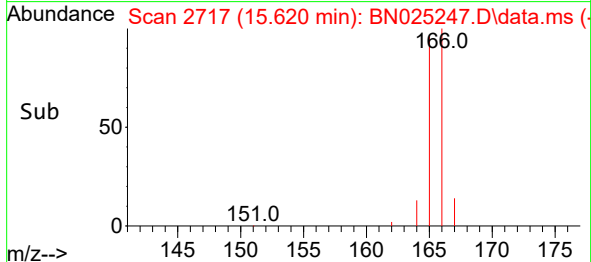
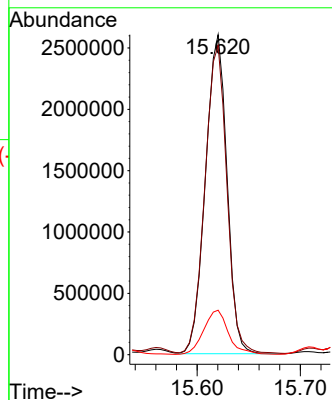
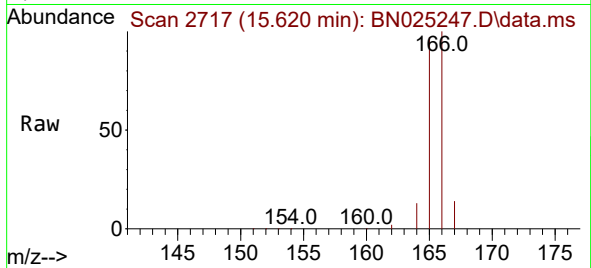




#12
 Fluorene
 Concen: 71.941 ng/ul
 RT: 15.620 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: BN025247.D
 Acq: 03 May 2023 19:43

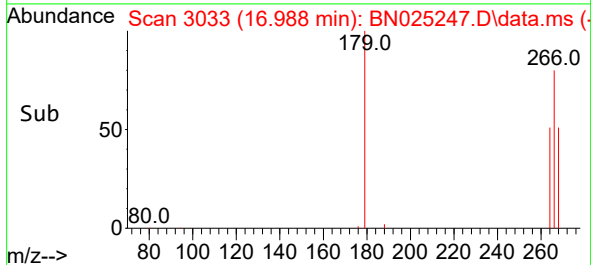
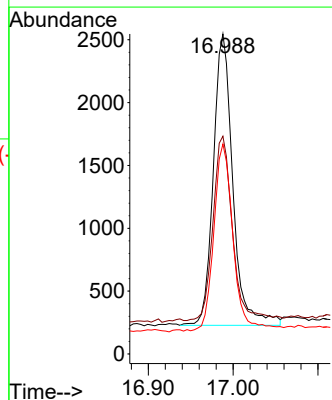
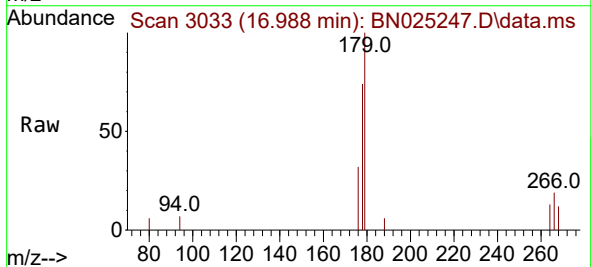
Instrument :
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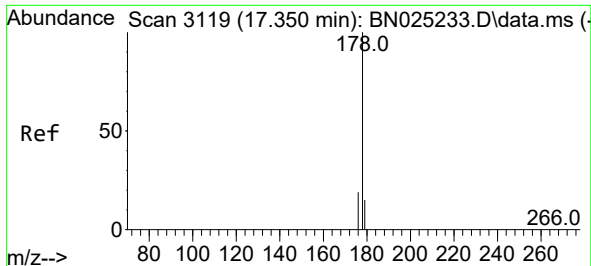
Tgt Ion:166 Resp: 3771767
 Ion Ratio Lower Upper
 166 100
 165 96.6 78.1 117.1
 167 13.9 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.598 ng/ul
 RT: 16.988 min Scan# 3033
 Delta R.T. 0.022 min
 Lab File: BN025247.D
 Acq: 03 May 2023 19:43

Tgt Ion:266 Resp: 3702
 Ion Ratio Lower Upper
 266 100
 264 63.5 49.6 74.4
 268 64.3 51.3 76.9

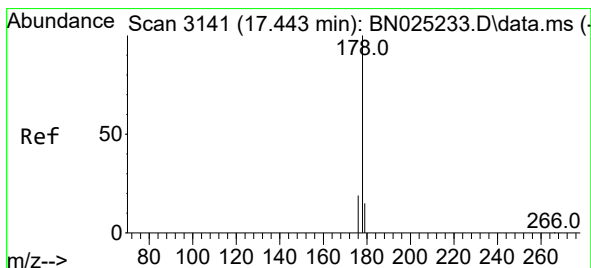
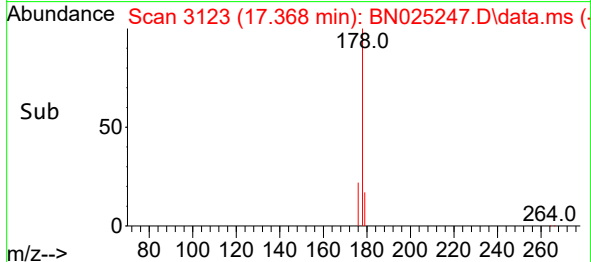
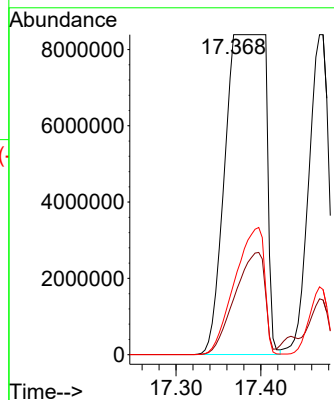
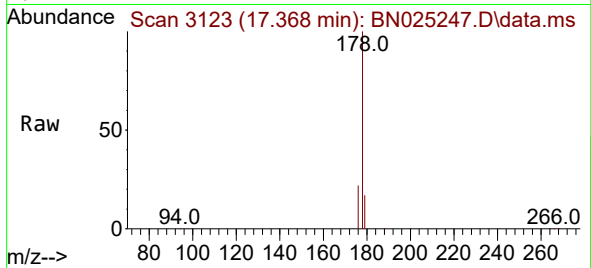




#15
Phenanthrene
Concen: 312.782 ng/ul
RT: 17.368 min Scan# 3119
Delta R.T. 0.018 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

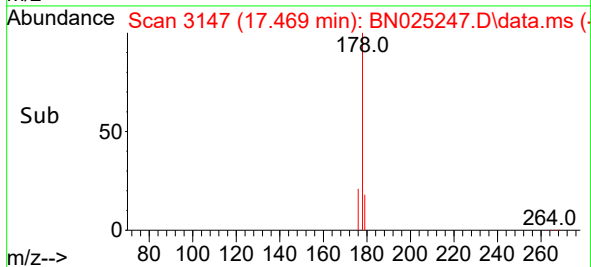
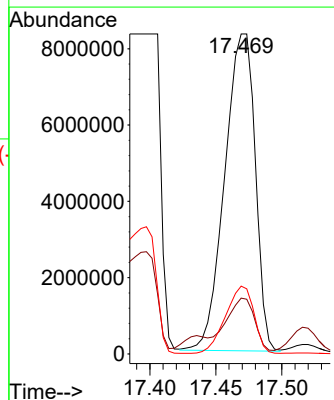
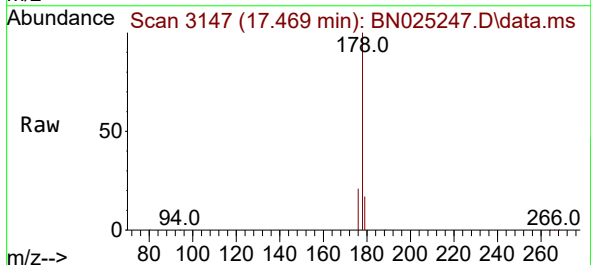
Instrument :
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ClientSampleId :
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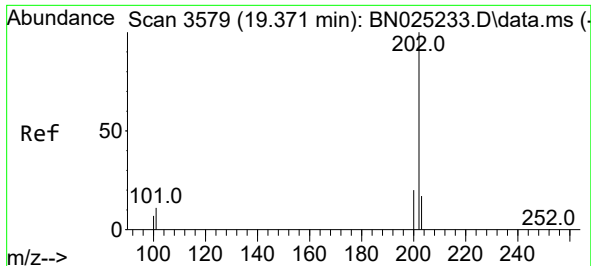
Tgt Ion:178 Resp:27860716
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 22.1 15.6 23.4



#16
Anthracene
Concen: 183.403 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. 0.026 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Tgt Ion:178 Resp:13364365
Ion Ratio Lower Upper
178 100
179 17.4 12.7 19.1
176 21.2 15.3 22.9

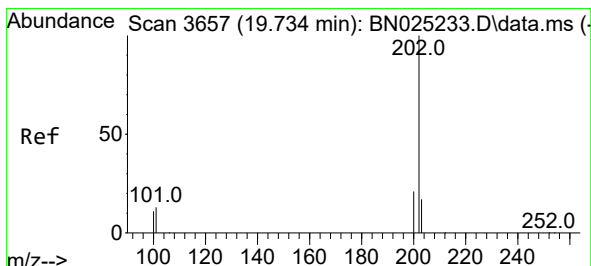
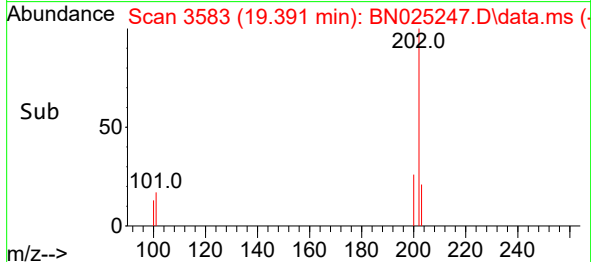
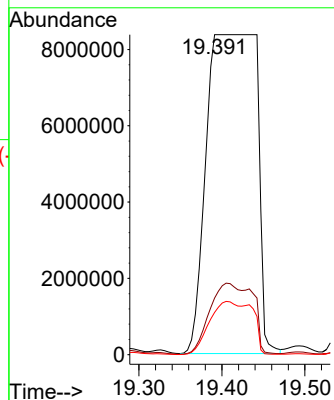
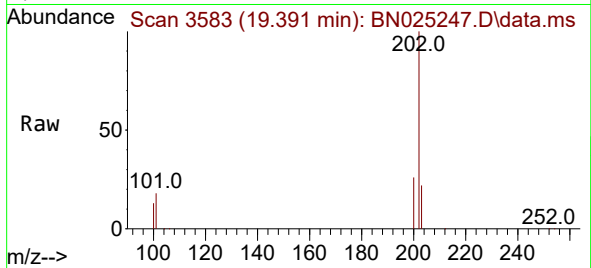




#19
Fluoranthene
Concen: 346.859 ng/u1
RT: 19.391 min Scan# 3583
Delta R.T. 0.020 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

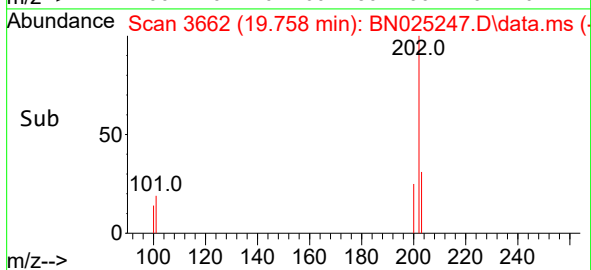
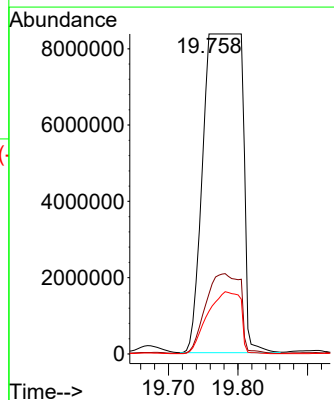
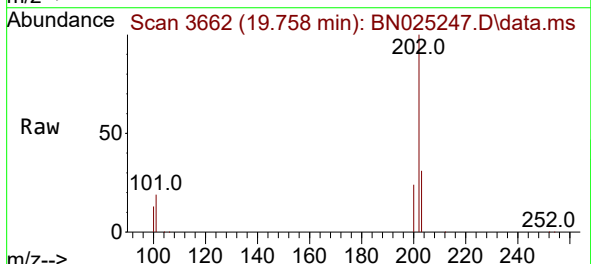
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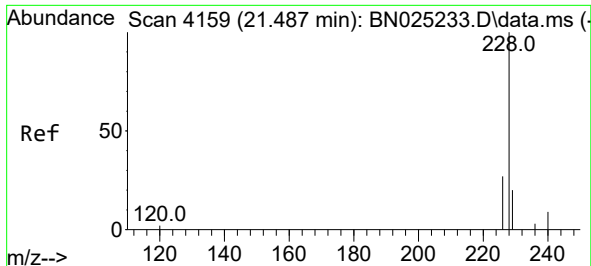
Tgt Ion:202 Resp:35143186
Ion Ratio Lower Upper
202 100
101 17.7 9.7 14.5#
100 13.2 7.3 10.9#



#20
Pyrene
Concen: 312.603 ng/u1
RT: 19.758 min Scan# 3662
Delta R.T. 0.024 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Tgt Ion:202 Resp:32541665
Ion Ratio Lower Upper
202 100
101 18.8 11.3 16.9#
100 13.4 9.2 13.8

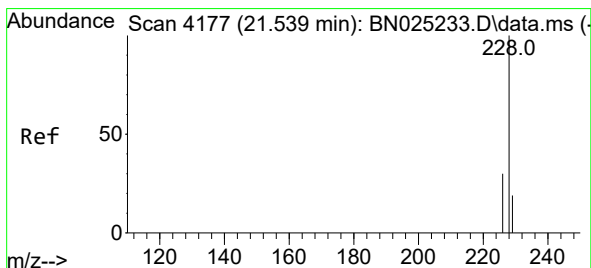
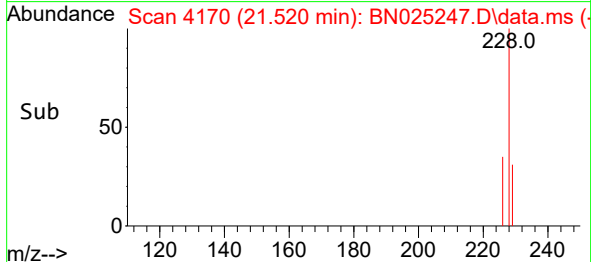
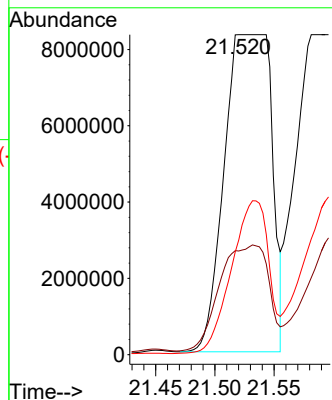
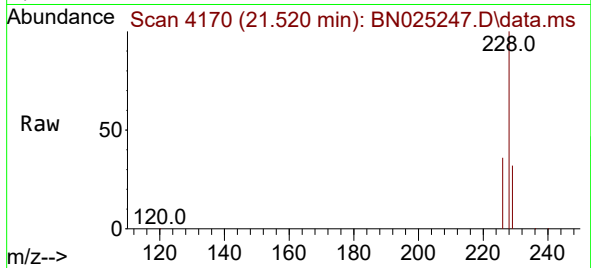




#21
Benzo(a)anthracene
Concen: 272.935 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. 0.033 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

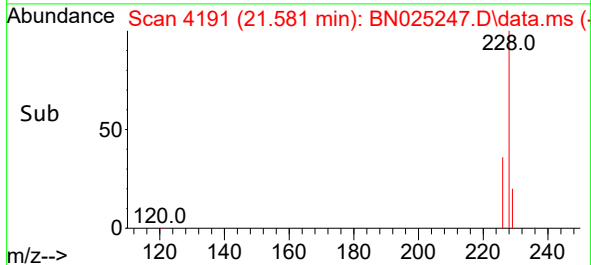
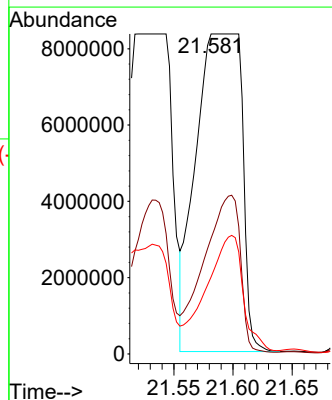
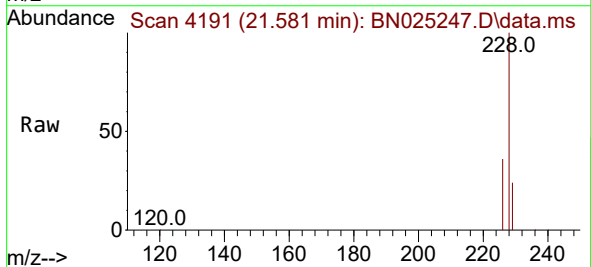
Instrument :
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ClientSampleId :
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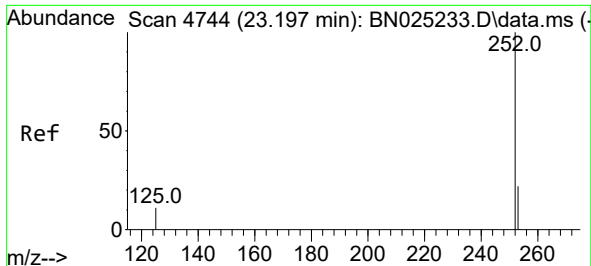
Tgt Ion:228 Resp:23043518
Ion Ratio Lower Upper
228 100
229 32.4 15.6 23.4#
226 35.8 22.1 33.1#



#22
Chrysene
Concen: 244.467 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. 0.042 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Tgt Ion:228 Resp:22515572
Ion Ratio Lower Upper
228 100
226 36.2 24.5 36.7
229 24.0 15.8 23.6#

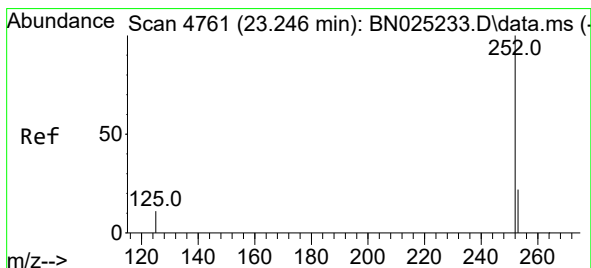
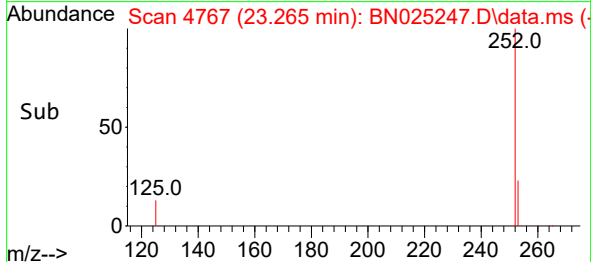
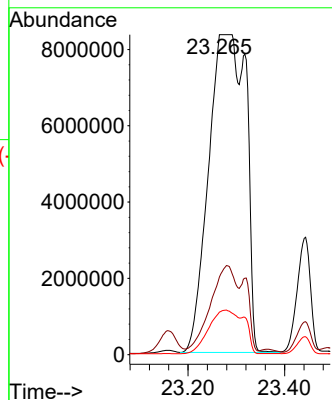
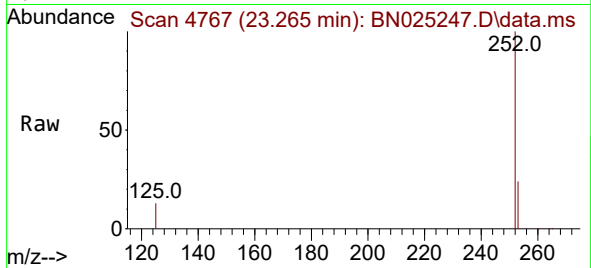




#24
Benzo(b)fluoranthene
Concen: 276.443 ng/ul
RT: 23.265 min Scan# 4767
Delta R.T. 0.068 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

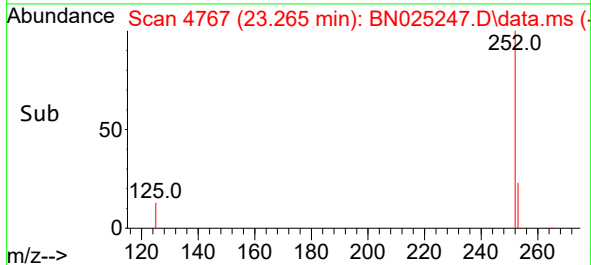
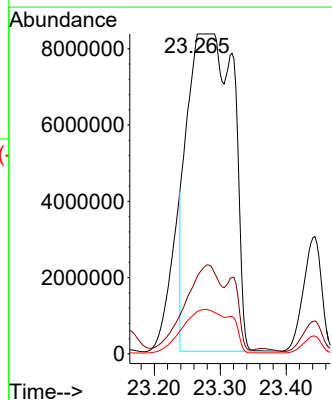
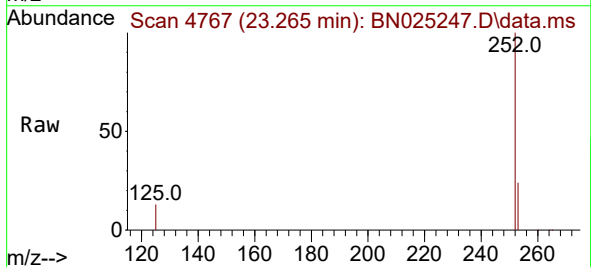
Instrument :
BNA_N
ClientSampleId :
EW937MS

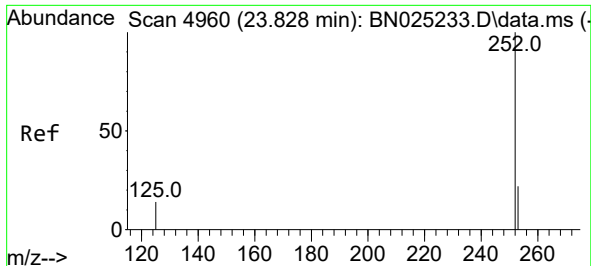
Tgt Ion:252 Resp:44785152
Ion Ratio Lower Upper
252 100
253 24.2 0.0 50.2
125 13.3 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 257.858 ng/ul
RT: 23.265 min Scan# 4767
Delta R.T. 0.019 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

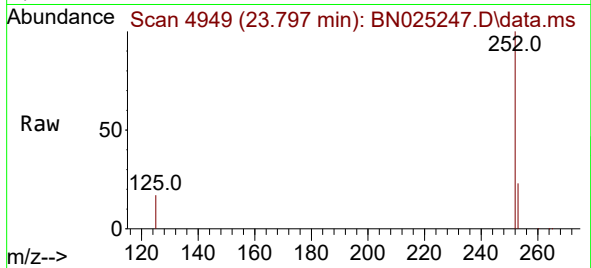
Tgt Ion:252 Resp:40181756
Ion Ratio Lower Upper
252 100
253 24.2 20.2 30.4
125 13.3 11.8 17.8



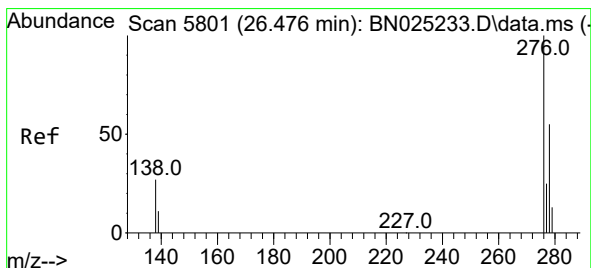
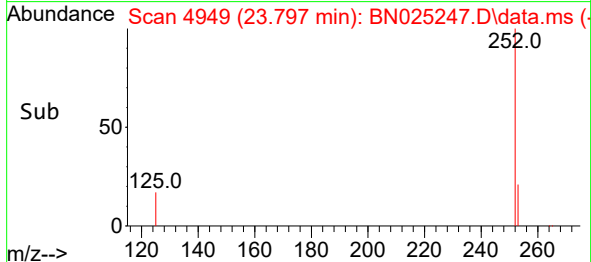
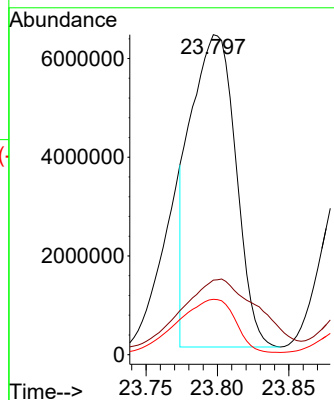


#26
Benzo(a)pyrene
Concen: 103.127 ng/ul
RT: 23.797 min Scan# 4960
Delta R.T. -0.031 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Instrument :
BNA_N
ClientSampleId :
EW937MS

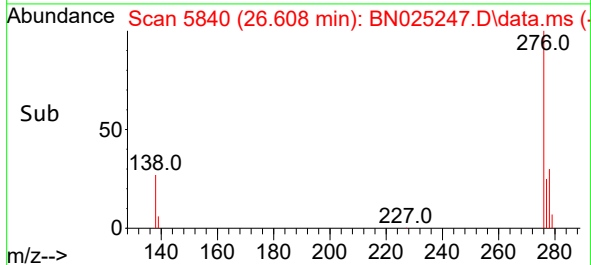
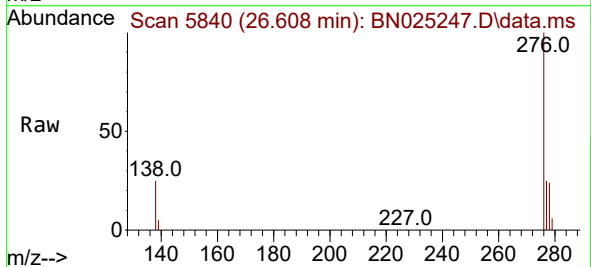
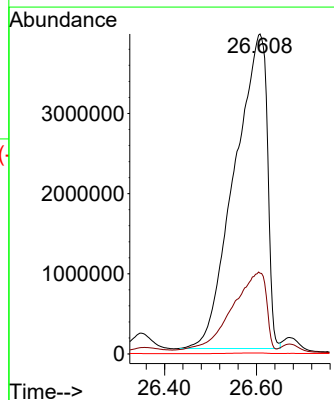


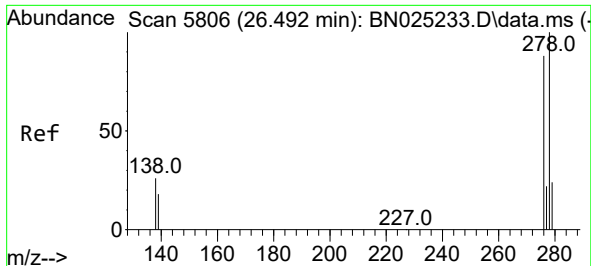
Tgt Ion:252 Resp:13823136
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.2
125 17.3 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 125.485 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. 0.132 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Tgt Ion:276 Resp:19379772
Ion Ratio Lower Upper
276 100
138 25.6 21.9 32.9
227 0.0 0.1 0.1#

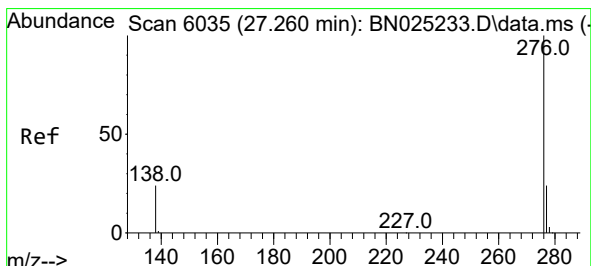
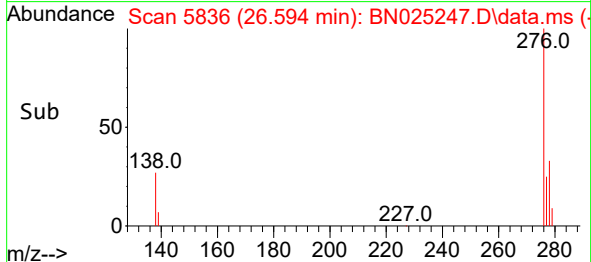
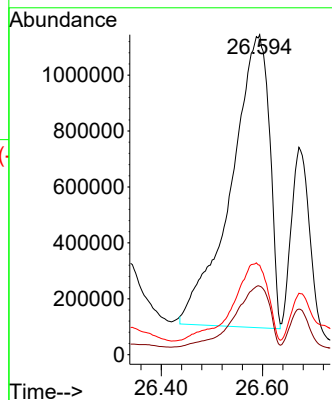
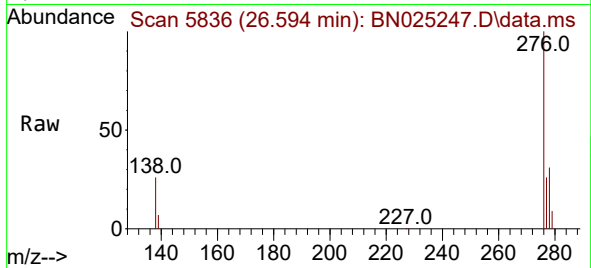




#28
Dibenzo(a,h)anthracene
Concen: 45.785 ng/ul
RT: 26.594 min Scan# 51
Delta R.T. 0.102 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Instrument :
BNA_N
ClientSampleId :
EW937MS

Tgt Ion:278 Resp: 5523262
Ion Ratio Lower Upper
278 100
139 21.4 17.0 25.6
279 27.9 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 131.771 ng/ul
RT: 27.403 min Scan# 6077
Delta R.T. 0.142 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

Tgt Ion:276 Resp:17304122
Ion Ratio Lower Upper
276 100
138 26.4 20.3 30.5
277 25.8 19.8 29.6

