

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025248.D
 Acq On : 03 May 2023 20:19
 Operator : CG/JU
 Sample : 02447-19MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW937MSD

Quant Time: May 04 04:31:02 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

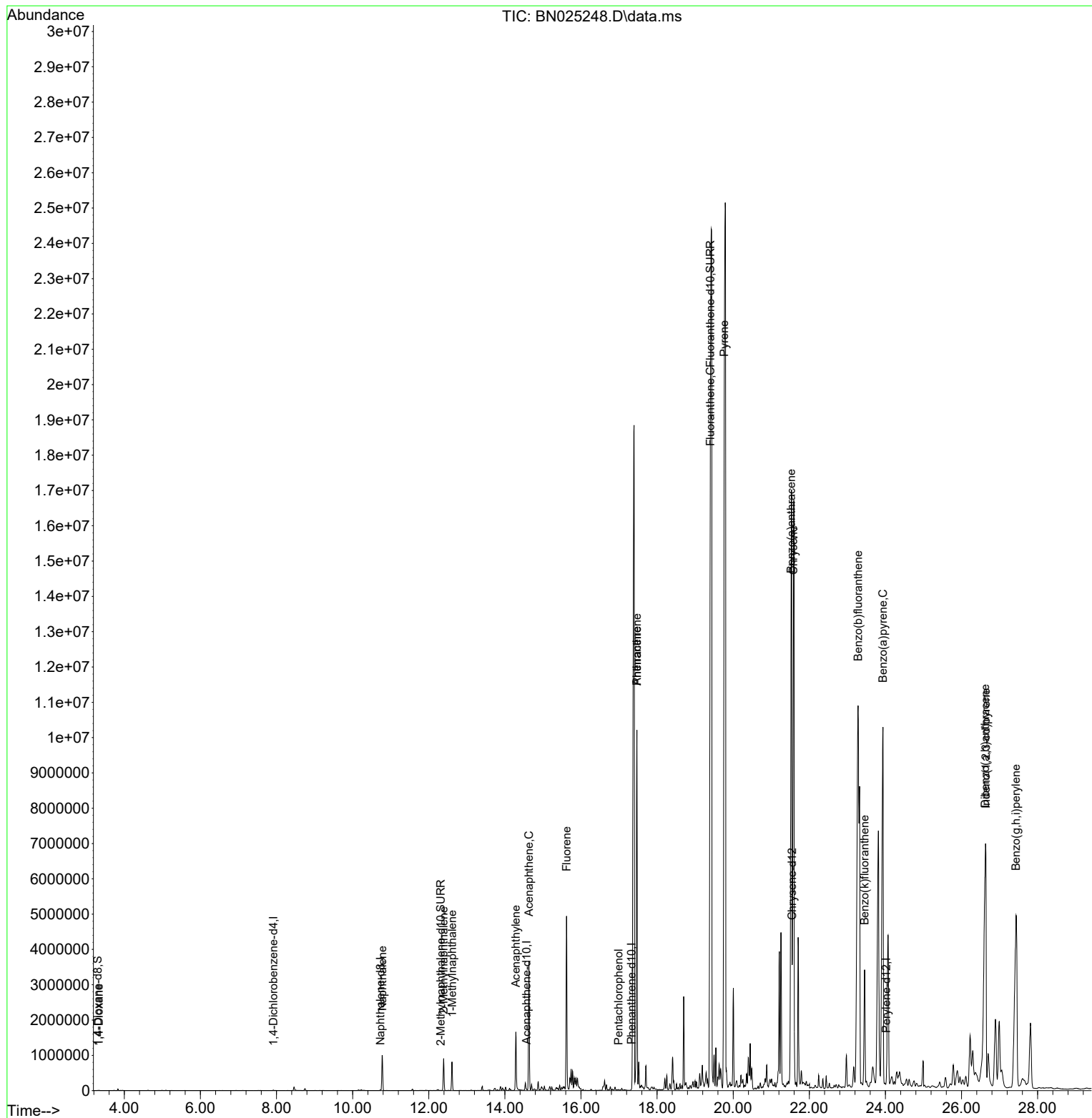
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7686	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	25067	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	15564	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	32300	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.550	240	24018	0.400	ng/ul	# 0.05
23) Perylene-d12	24.023	264	56179	0.400	ng/ul	# 0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2064	0.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6685	0.208	ng/ul	0.00
18) Fluoranthene-d10	19.401	212	3548	0.056	ng/ul	0.06
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	5227	0.610	ng/ul#	79
5) Naphthalene	10.781	128	1368779	21.311	ng/ul	99
7) 2-Methylnaphthalene	12.392	142	622346	15.820	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	554142	13.215	ng/ul	99
10) Acenaphthylene	14.289	152	2066846	35.647	ng/ul	99
11) Acenaphthene	14.631	153	2123213	43.443	ng/ul	98
12) Fluorene	15.621	166	3187540	58.340	ng/ul	100
14) Pentachlorophenol	16.989	266	2801	0.442	ng/ul	99
15) Phenanthrene	17.470	178	11513672	126.287	ng/ul	99
16) Anthracene	17.470	178	11299089	151.494	ng/ul	98
19) Fluoranthene	19.397	202	31468145	362.312	ng/ul#	85
20) Pyrene	19.764	202	29030777	325.321	ng/ul#	82
21) Benzo(a)anthracene	21.521	228	19667618	271.745	ng/ul#	89
22) Chrysene	21.582	228	19335750	244.905	ng/ul	93
24) Benzo(b)fluoranthene	23.280	252	35731889	156.770	ng/ul	97
25) Benzo(k)fluoranthene	23.453	252	3996112	18.227	ng/ul	97
26) Benzo(a)pyrene	23.932	252	19476015	103.277	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.639	276	14538691	66.912	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.625	278	4317253	25.437	ng/ul	99
29) Benzo(g,h,i)perylene	27.434	276	13231681	71.618	ng/ul	98

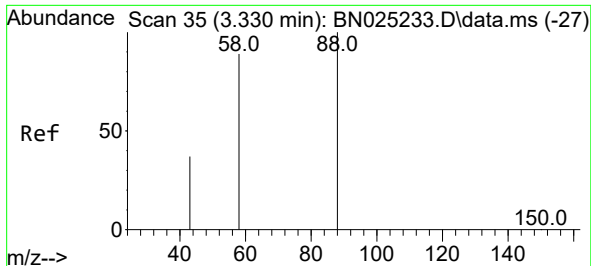
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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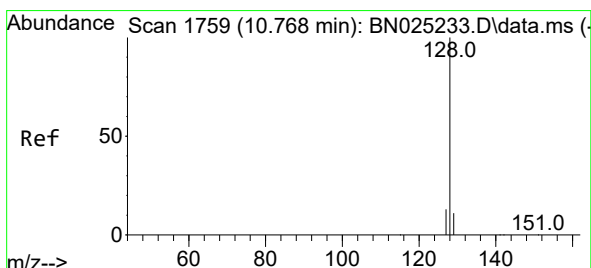
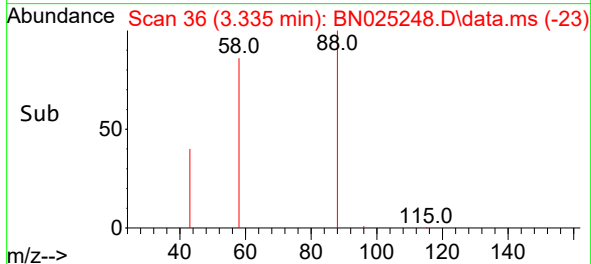
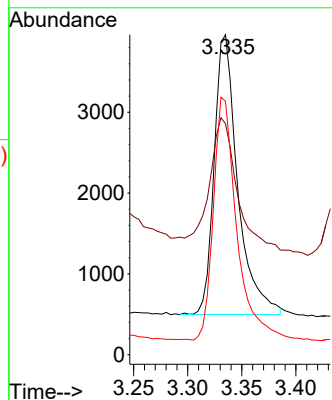
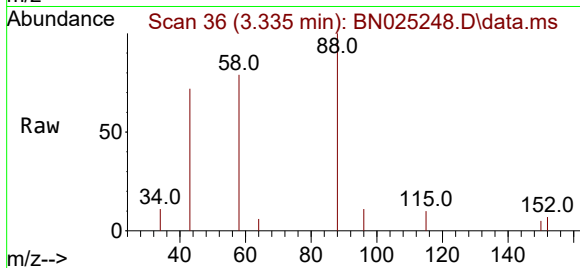




#2
1,4-Dioxane
Concen: 0.610 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

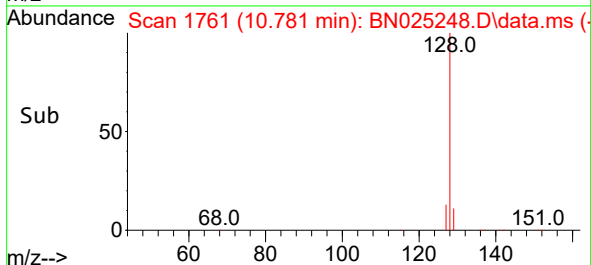
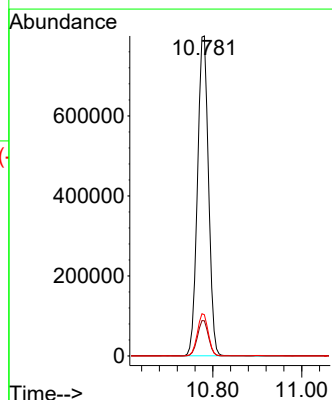
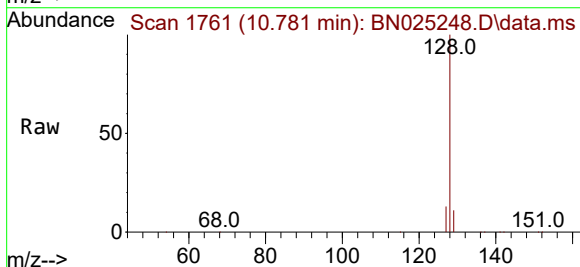
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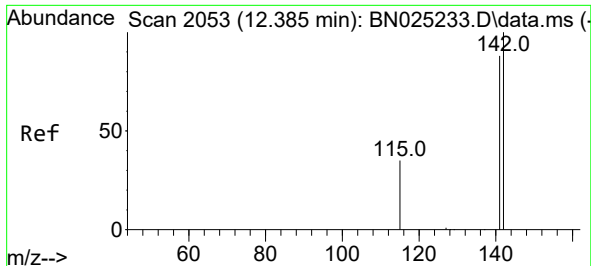
Tgt Ion: 88 Resp: 5227
Ion Ratio Lower Upper
88 100
43 72.2 37.0 55.4#
58 79.2 56.9 85.3



#5
Naphthalene
Concen: 21.311 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:128 Resp: 1368779
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.7 16.1

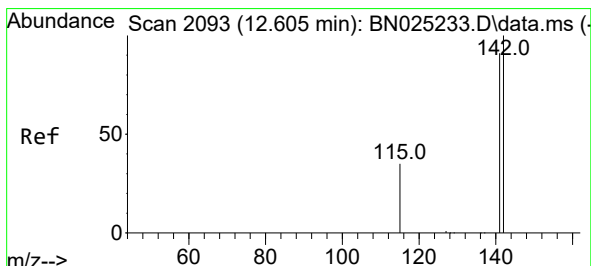
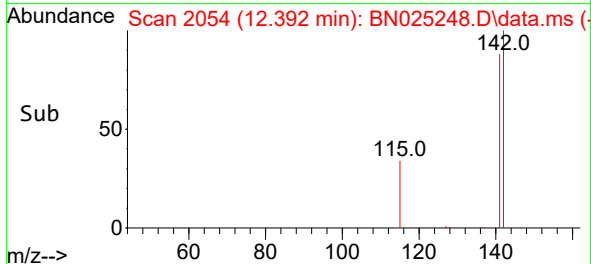
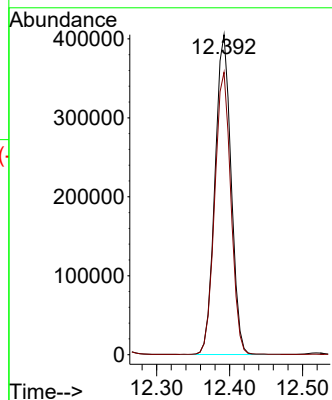
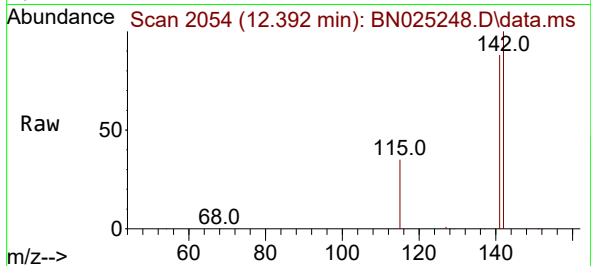




#7
2-Methylnaphthalene
Concen: 15.820 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

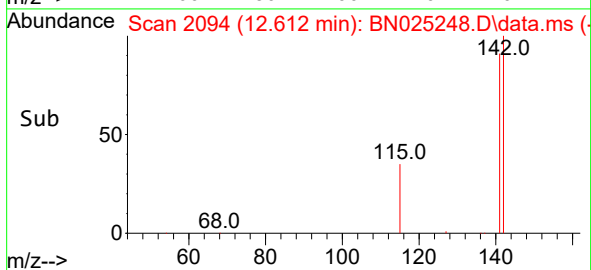
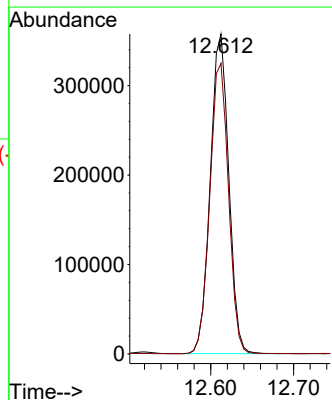
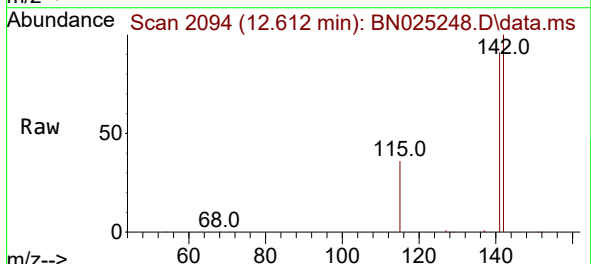
Instrument :
BNA_N
ClientSampleId :
EW937MSD

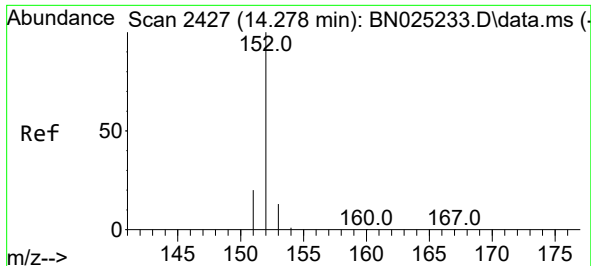
Tgt Ion:142 Resp: 622346
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0



#8
1-Methylnaphthalene
Concen: 13.215 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. 0.007 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:142 Resp: 554142
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6

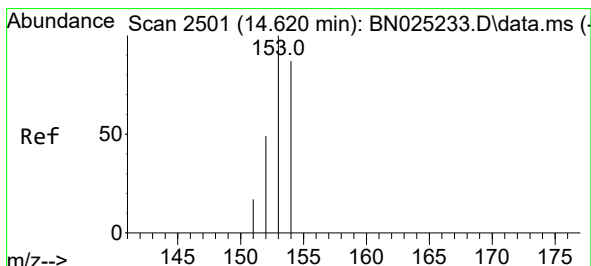
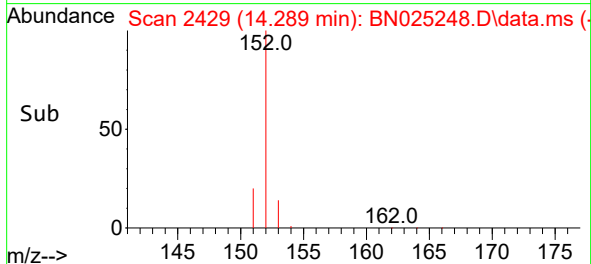
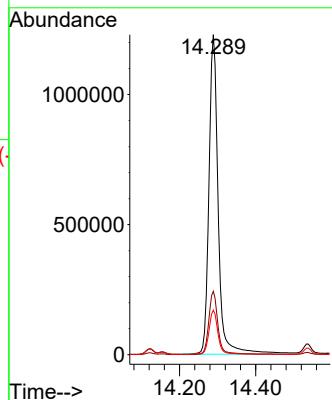
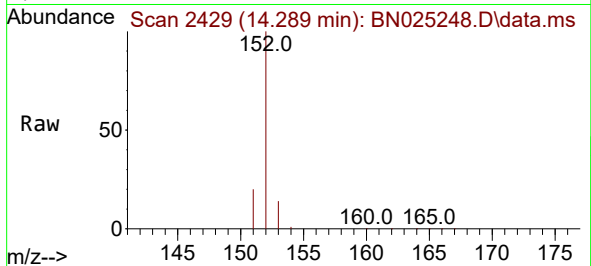




#10
Acenaphthylene
Concen: 35.647 ng/ul
RT: 14.289 min Scan# 2427
Delta R.T. 0.011 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

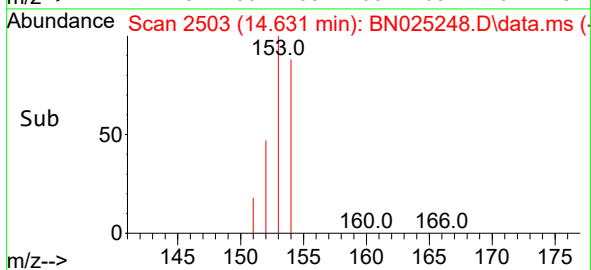
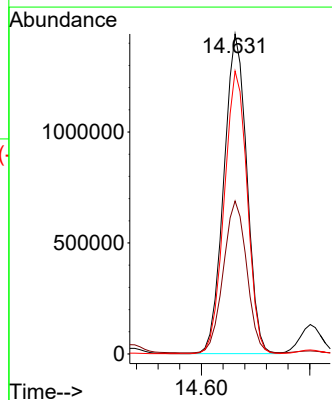
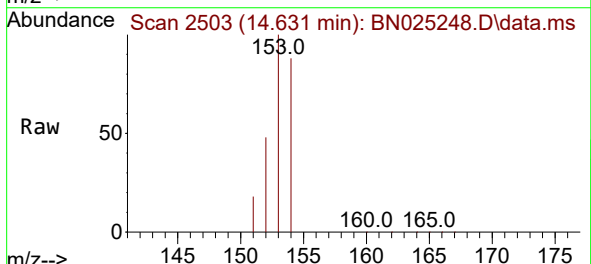
Instrument :
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ClientSampleId :
EW937MSD

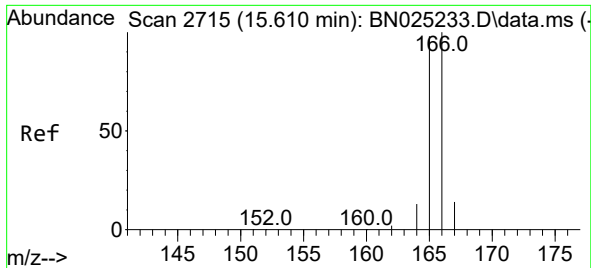
Tgt Ion:152 Resp: 2066846
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 43.443 ng/ul
RT: 14.631 min Scan# 2503
Delta R.T. 0.011 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:153 Resp: 2123213
Ion Ratio Lower Upper
153 100
152 47.8 40.2 60.4
154 88.4 69.4 104.2

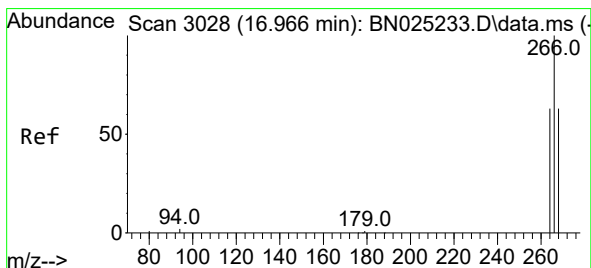
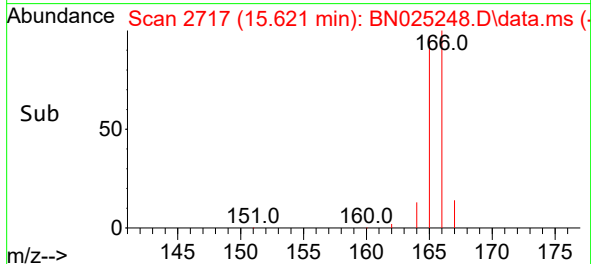
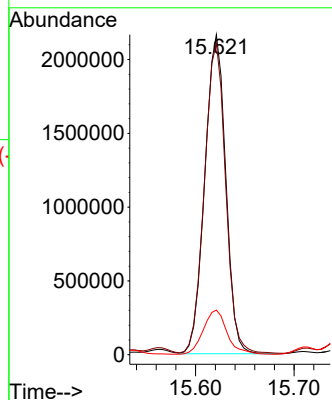
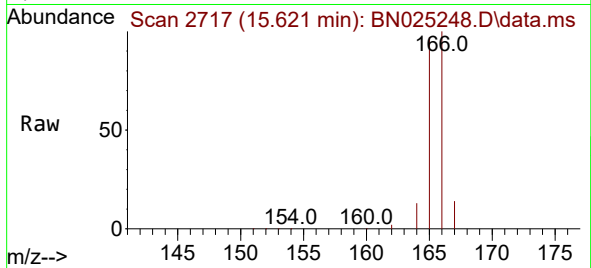




#12
Fluorene
Concen: 58.340 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.011 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

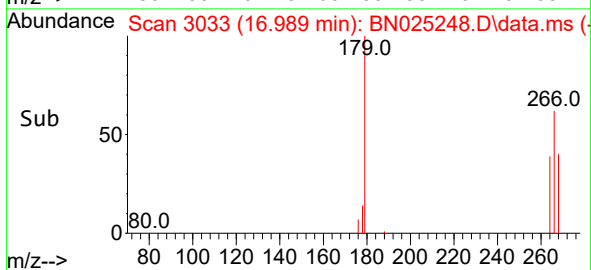
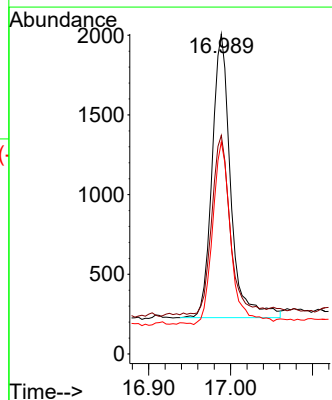
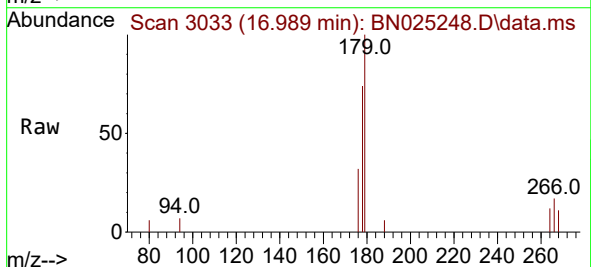
Instrument :
BNA_N
ClientSampleId :
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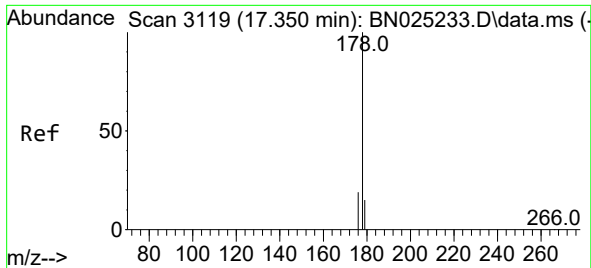
Tgt Ion:166 Resp: 3187540
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.442 ng/ul
RT: 16.989 min Scan# 3033
Delta R.T. 0.023 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:266 Resp: 2801
Ion Ratio Lower Upper
266 100
264 63.3 49.6 74.4
268 63.5 51.3 76.9

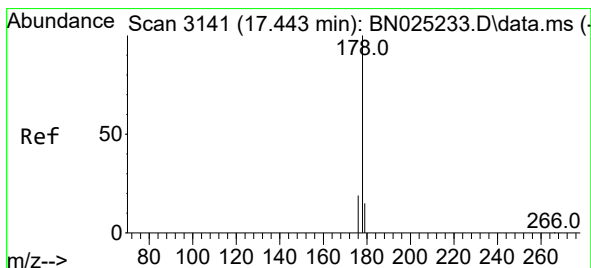
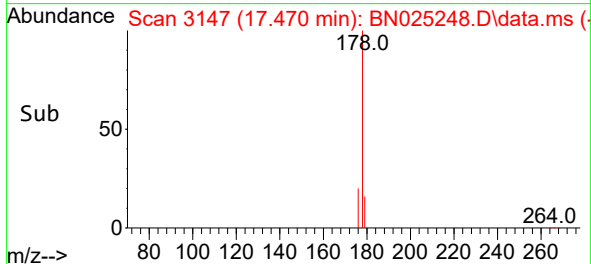
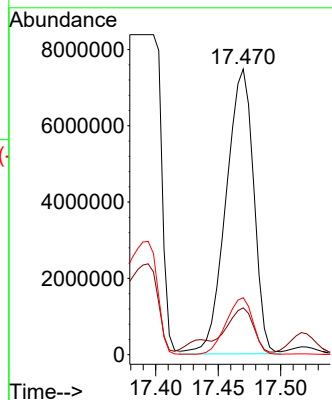
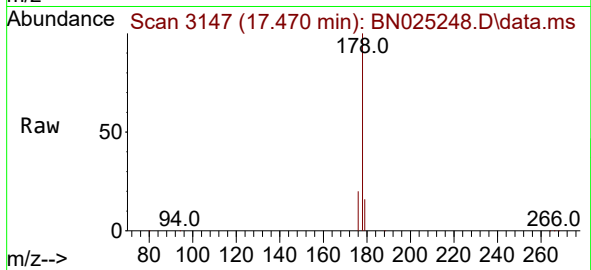




#15
Phenanthrene
Concen: 126.287 ng/ul
RT: 17.470 min Scan# 3119
Delta R.T. 0.120 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

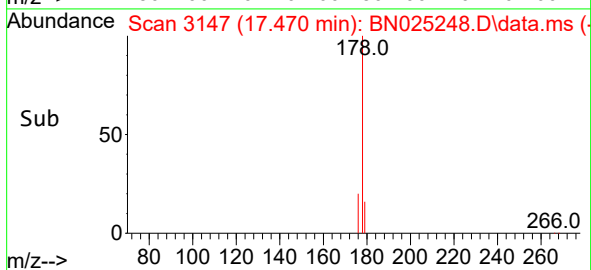
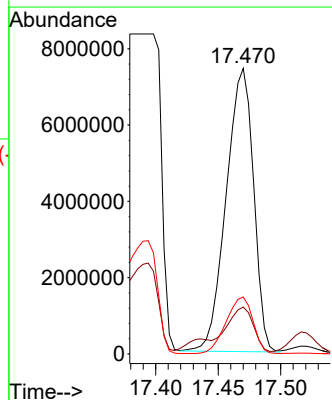
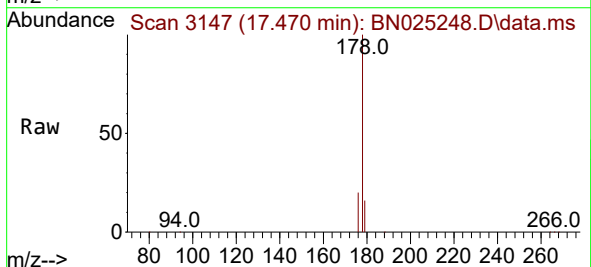
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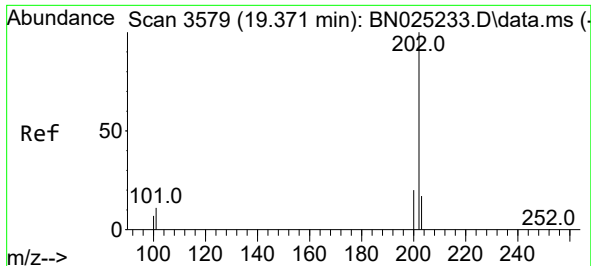
Tgt Ion:178 Resp:11513672
Ion Ratio Lower Upper
178 100
179 16.4 12.5 18.7
176 20.0 15.6 23.4



#16
Anthracene
Concen: 151.494 ng/ul
RT: 17.470 min Scan# 3147
Delta R.T. 0.027 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:178 Resp:11299089
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 20.0 15.3 22.9

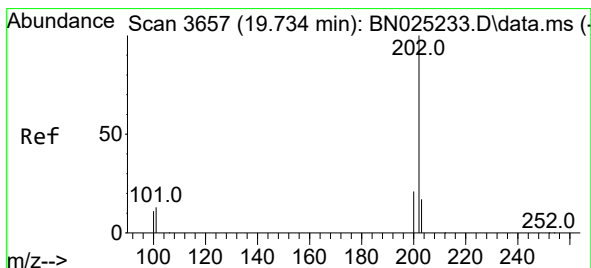
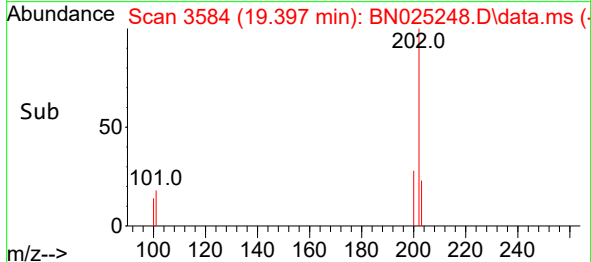
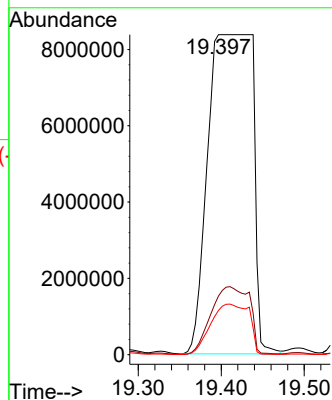
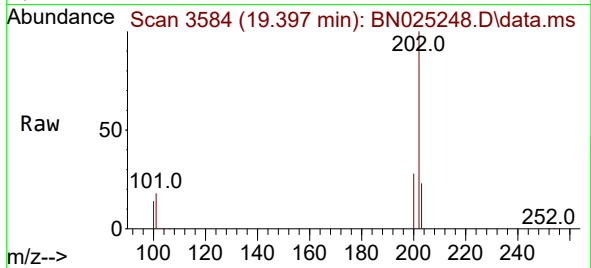




#19
Fluoranthene
Concen: 362.312 ng/ul
RT: 19.397 min Scan# 3584
Delta R.T. 0.025 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

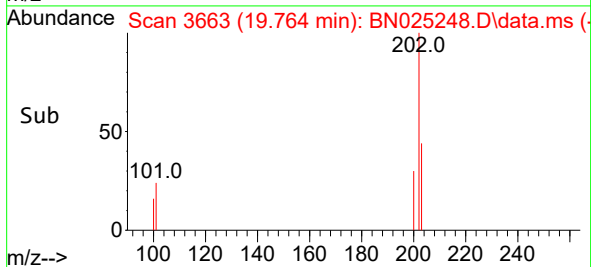
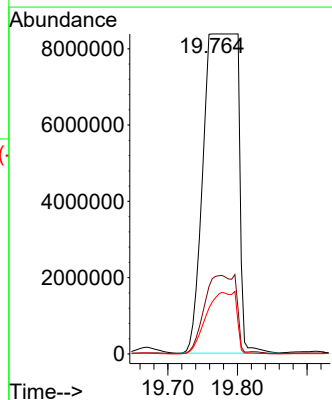
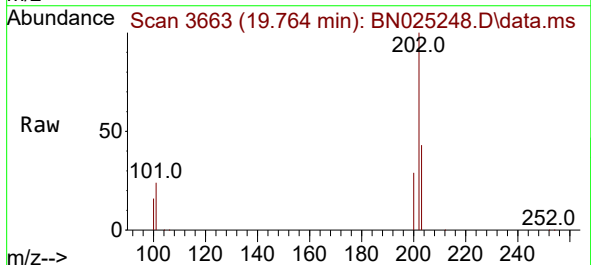
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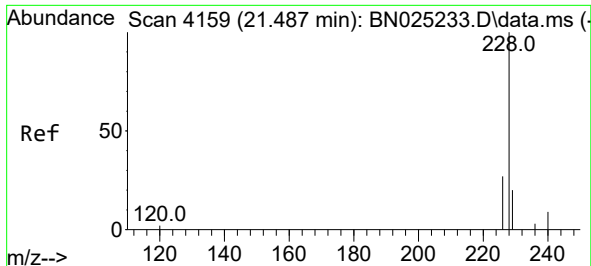
Tgt Ion:202 Resp:31468145
Ion Ratio Lower Upper
202 100
101 18.3 9.7 14.5#
100 13.8 7.3 10.9#



#20
Pyrene
Concen: 325.321 ng/ul
RT: 19.764 min Scan# 3663
Delta R.T. 0.030 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:202 Resp:29030777
Ion Ratio Lower Upper
202 100
101 23.5 11.3 16.9#
100 16.2 9.2 13.8#

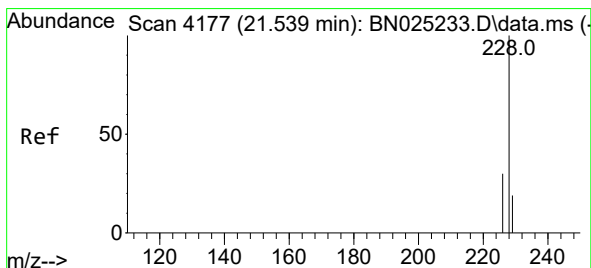
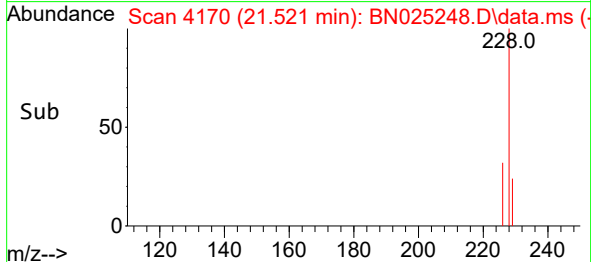
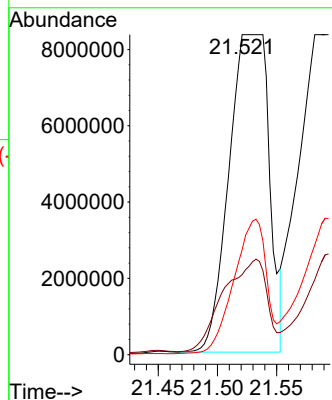
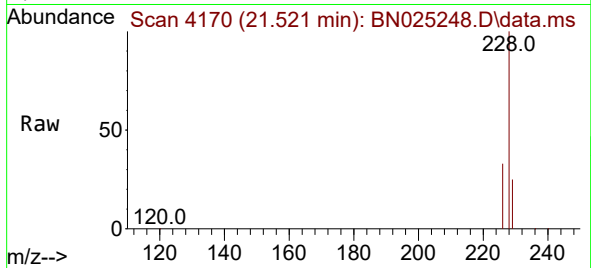




#21
Benzo(a)anthracene
Concen: 271.745 ng/ul
RT: 21.521 min Scan# 4170
Delta R.T. 0.034 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

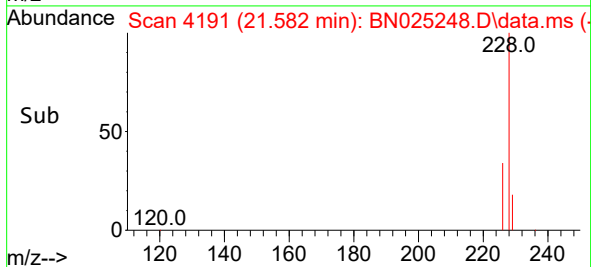
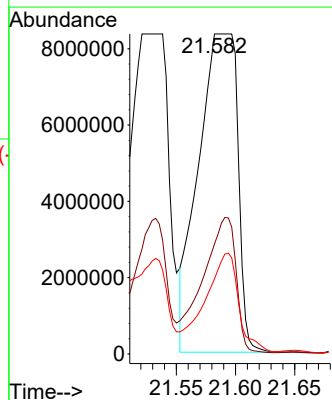
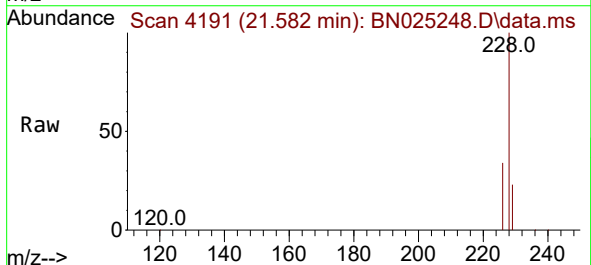
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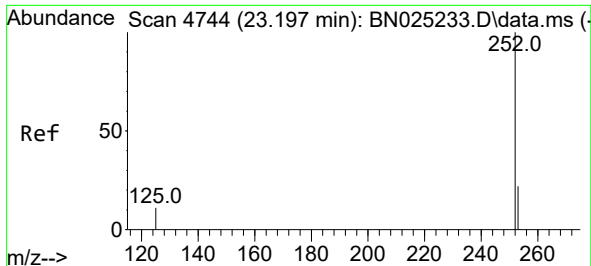
Tgt Ion:228 Resp:19667618
Ion Ratio Lower Upper
228 100
229 25.0 15.6 23.4#
226 32.8 22.1 33.1



#22
Chrysene
Concen: 244.905 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. 0.043 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:228 Resp:19335750
Ion Ratio Lower Upper
228 100
226 34.3 24.5 36.7
229 23.5 15.8 23.6

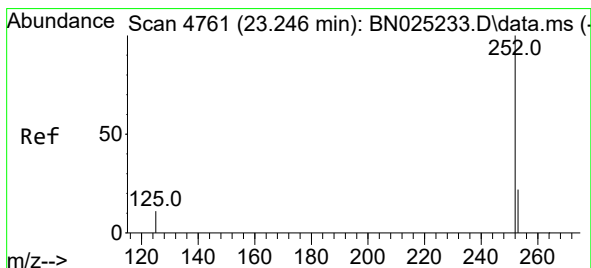
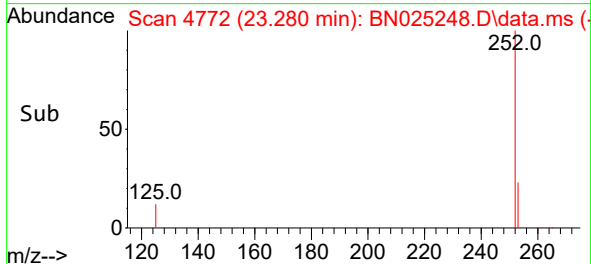
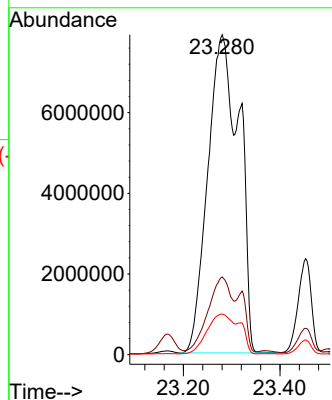
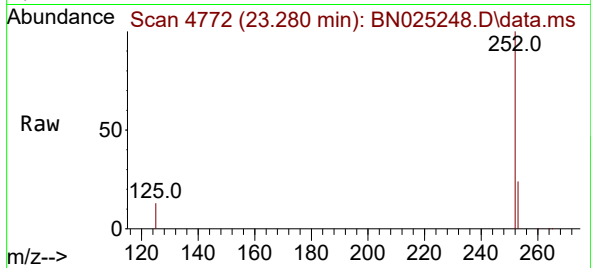




#24
Benzo(b)fluoranthene
Concen: 156.770 ng/ul
RT: 23.280 min Scan# 41
Delta R.T. 0.084 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

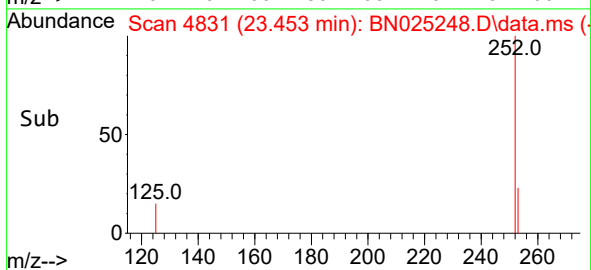
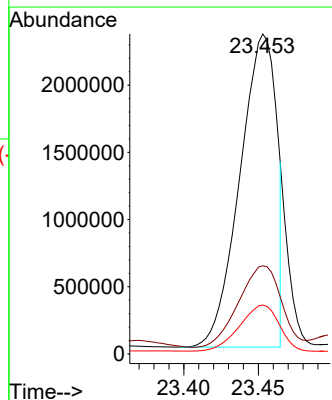
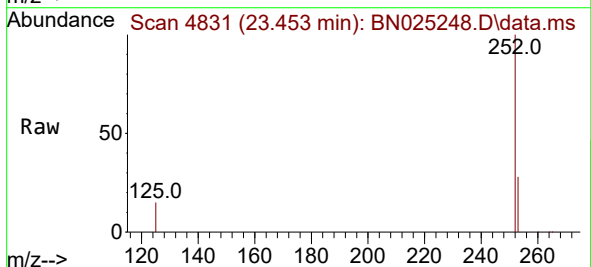
Instrument :
BNA_N
ClientSampleId :
EW937MSD

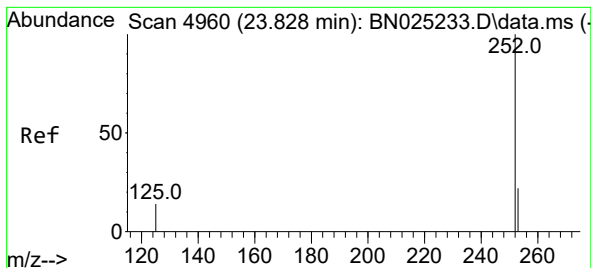
Tgt Ion:252 Resp:35731889
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.2
125 12.7 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 18.227 ng/ul
RT: 23.453 min Scan# 4831
Delta R.T. 0.207 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:252 Resp: 3996112
Ion Ratio Lower Upper
252 100
253 27.5 20.2 30.4
125 15.3 11.8 17.8





#26

Benzo(a)pyrene

Concen: 103.277 ng/ul

RT: 23.932 min Scan# 4960

Delta R.T. 0.104 min

Lab File: BN025248.D

Acq: 03 May 2023 20:19

Instrument :

BNA_N

ClientSampleId :

EW937MSD

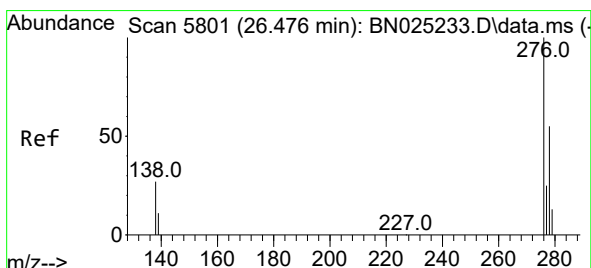
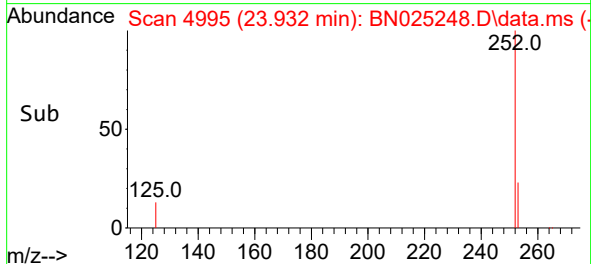
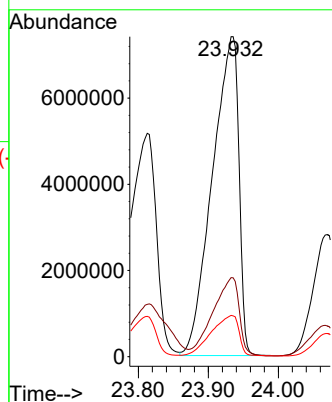
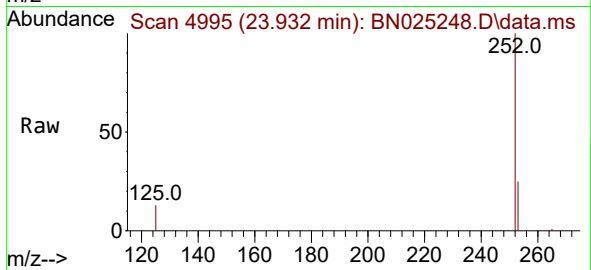
Tgt Ion:252 Resp:19476015

Ion Ratio Lower Upper

252 100

253 24.7 21.4 32.2

125 12.9 14.6 22.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 66.912 ng/ul

RT: 26.639 min Scan# 5849

Delta R.T. 0.163 min

Lab File: BN025248.D

Acq: 03 May 2023 20:19

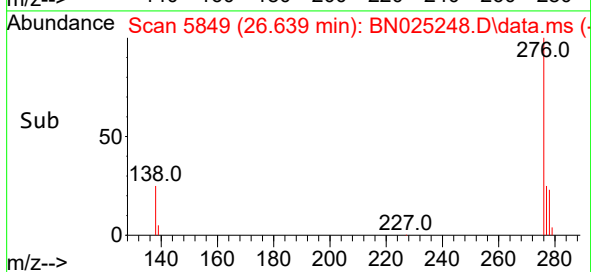
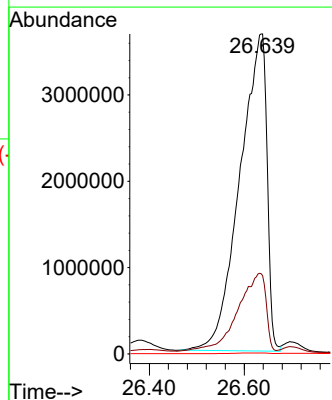
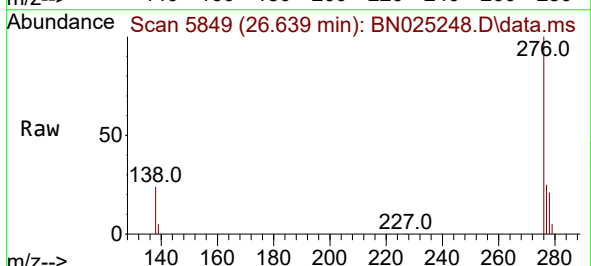
Tgt Ion:276 Resp:14538691

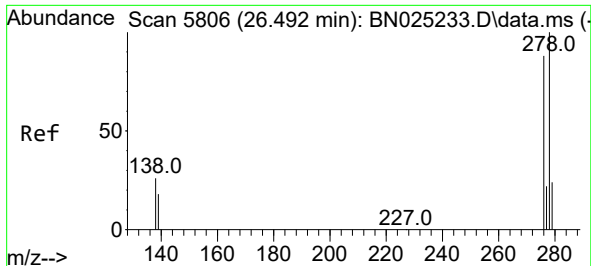
Ion Ratio Lower Upper

276 100

138 25.7 21.9 32.9

227 0.4 0.1 0.1#

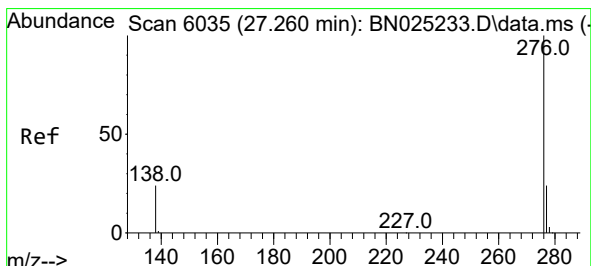
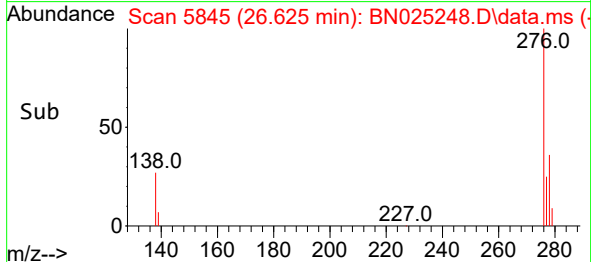
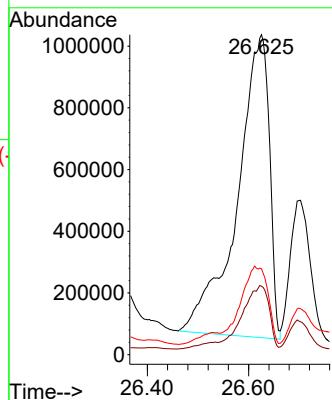
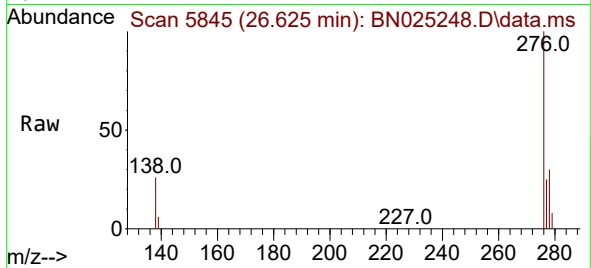




#28
Dibenzo(a,h)anthracene
Concen: 25.437 ng/ul
RT: 26.625 min Scan# 5806
Delta R.T. 0.133 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Instrument :
BNA_N
ClientSampleId :
EW937MSD

Tgt Ion:278 Resp: 4317253
Ion Ratio Lower Upper
278 100
139 21.4 17.0 25.6
279 26.8 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 71.618 ng/ul
RT: 27.434 min Scan# 6086
Delta R.T. 0.173 min
Lab File: BN025248.D
Acq: 03 May 2023 20:19

Tgt Ion:276 Resp:13231681
Ion Ratio Lower Upper
276 100
138 26.6 20.3 30.5
277 25.3 19.8 29.6

