

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025225.D
 Acq On : 02 May 2023 17:59
 Operator : CG/JU
 Sample : 02419-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW926DL

Quant Time: May 03 02:30:20 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

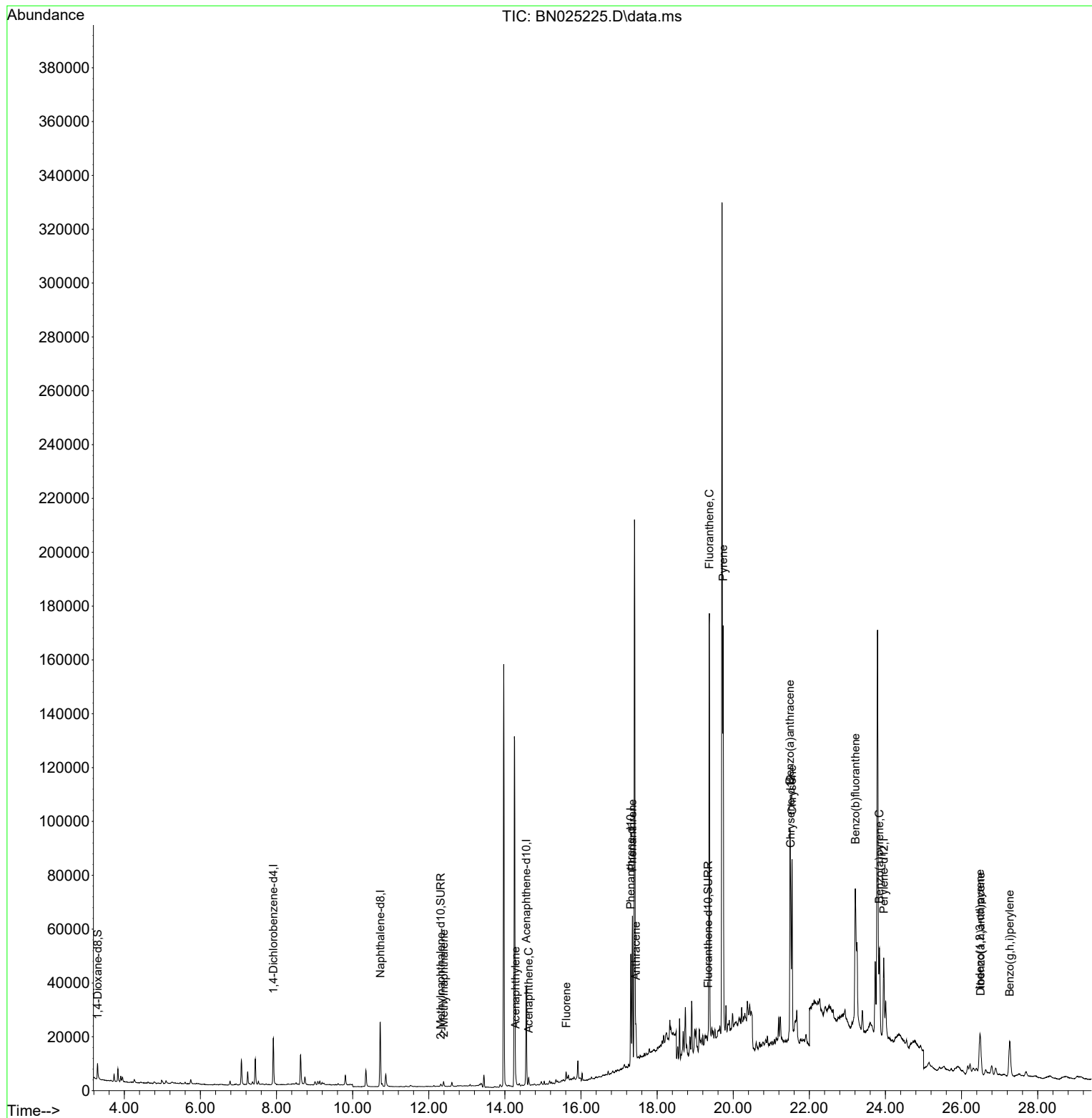
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	9330	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	32332	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	19777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	44287	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.511	240	38915	0.400	ng/ul	# 0.00
23) Perylene-d12	23.954	264	35539	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3564	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1294	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3629	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.392	142	1426	0.028	ng/ul	99
10) Acenaphthylene	14.283	152	3000	0.041	ng/ul#	72
11) Acenaphthene	14.626	153	1605	0.026	ng/ul	94
12) Fluorene	15.611	166	2167	0.031	ng/ul#	72
15) Phenanthrene	17.351	178	57656	0.461	ng/ul#	96
16) Anthracene	17.444	178	12537	0.123	ng/ul#	76
19) Fluoranthene	19.372	202	135928	0.966	ng/ul	100
20) Pyrene	19.735	202	122327	0.846	ng/ul	98
21) Benzo(a)anthracene	21.493	228	63090	0.538	ng/ul#	91
22) Chrysene	21.546	228	64912	0.507	ng/ul#	90
24) Benzo(b)fluoranthene	23.209	252	109149	0.757	ng/ul#	59
26) Benzo(a)pyrene	23.843	252	48913	0.410	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.483	276	30157	0.219	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.500	278	7620	0.071	ng/ul#	3
29) Benzo(g,h,i)perylene	27.265	276	30134	0.258	ng/ul#	88

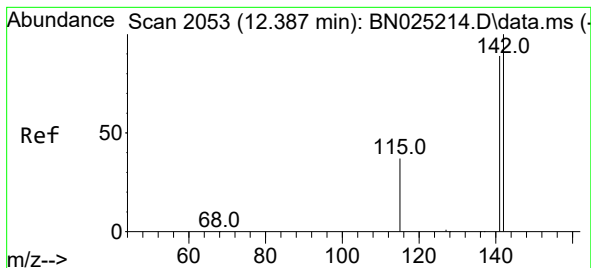
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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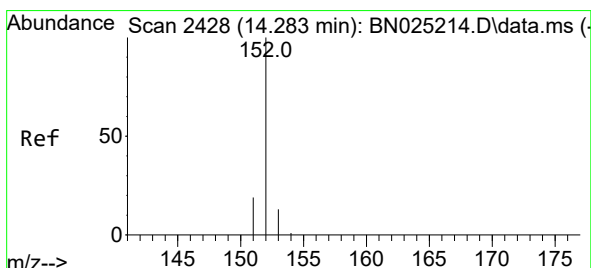
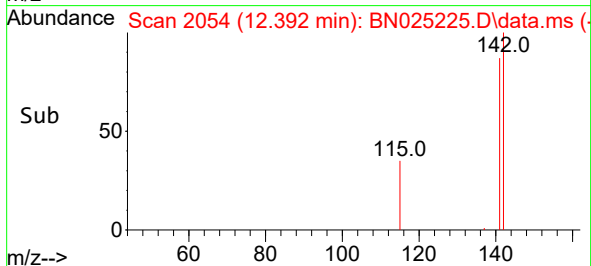
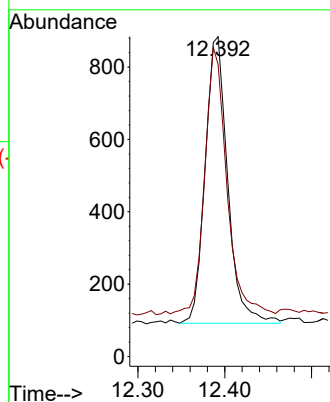
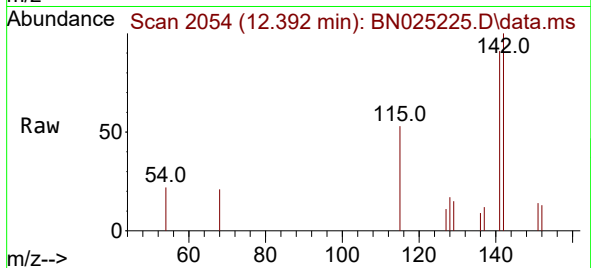




#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

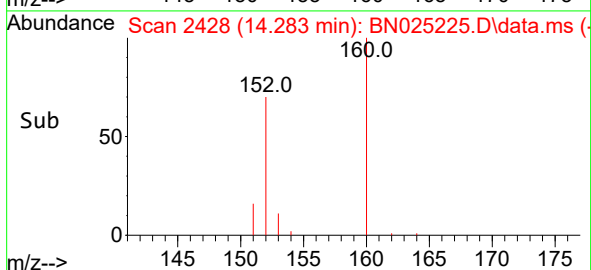
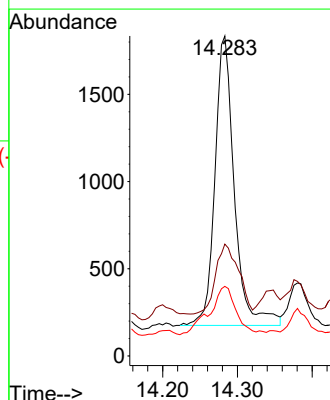
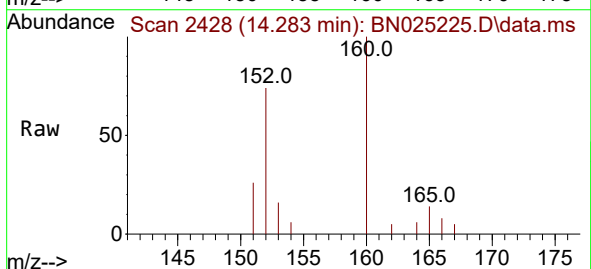
Instrument :
BNA_N
ClientSampleId :
EW926DL

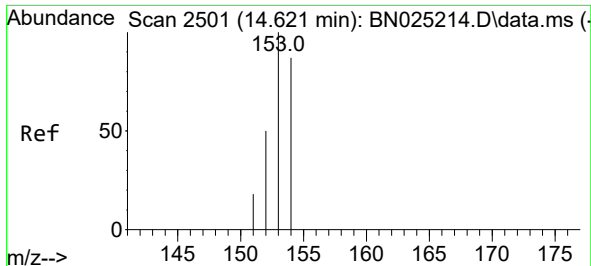
Tgt Ion:142 Resp: 1426
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

Tgt Ion:152 Resp: 3000
Ion Ratio Lower Upper
152 100
151 34.9 16.0 24.0#
153 21.7 10.8 16.2#

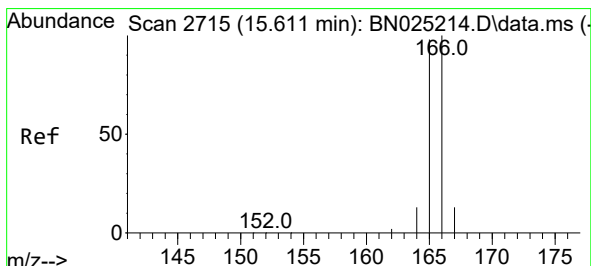
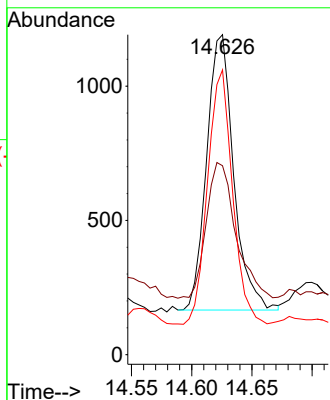
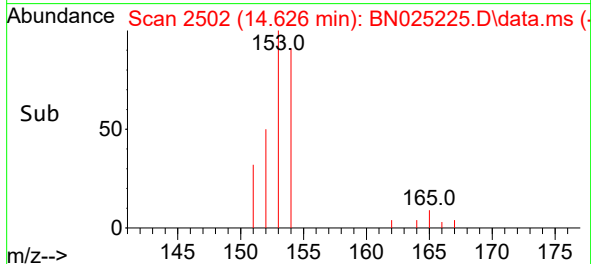
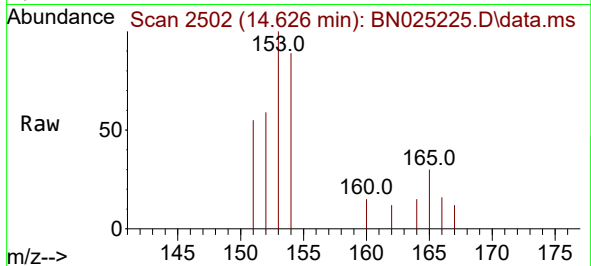




#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.626 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

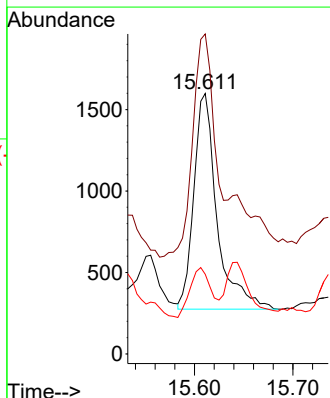
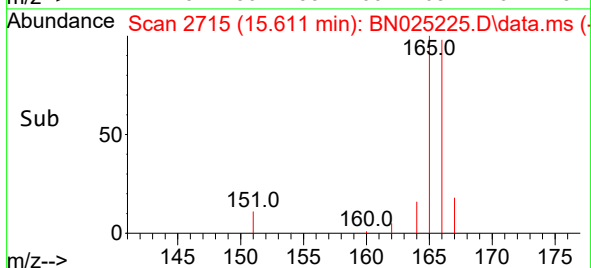
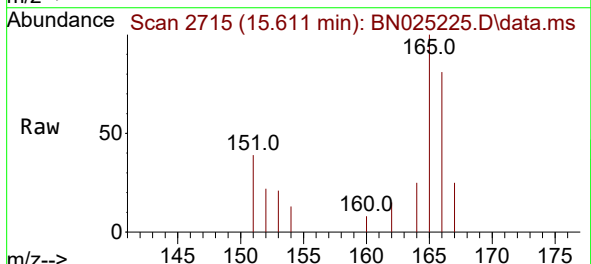
Instrument :
BNA_N
ClientSampleId :
EW926DL

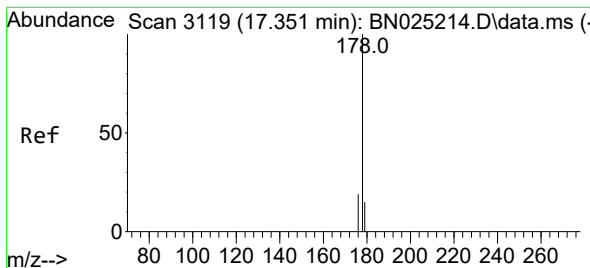
Tgt Ion:153 Resp: 1605
Ion Ratio Lower Upper
153 100
152 59.1 40.2 60.4
154 89.0 69.4 104.2



#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

Tgt Ion:166 Resp: 2167
Ion Ratio Lower Upper
166 100
165 122.8 78.1 117.1#
167 30.6 11.0 16.6#





#15

Phenanthrene

Concen: 0.461 ng/ul

RT: 17.351 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN025225.D

Acq: 02 May 2023 17:59

Instrument :

BNA_N

ClientSampleId :

EW926DL

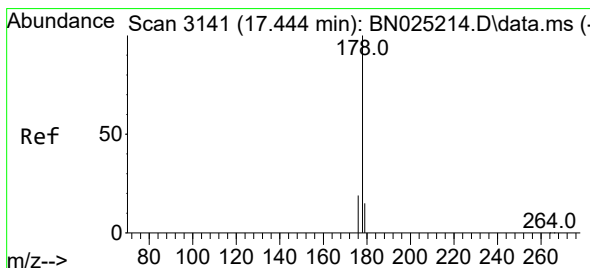
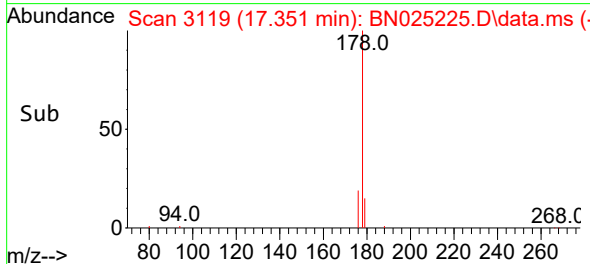
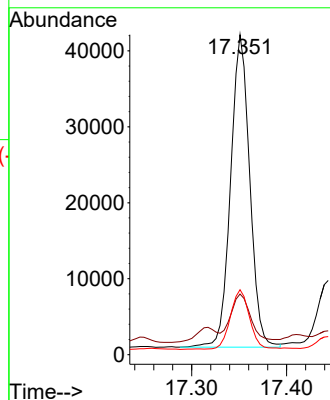
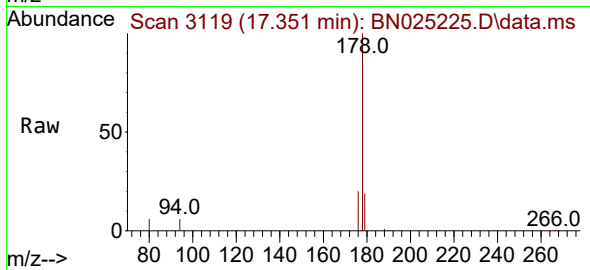
Tgt Ion:178 Resp: 57656

Ion Ratio Lower Upper

178 100

179 18.9 12.5 18.7#

176 20.3 15.6 23.4



#16

Anthracene

Concen: 0.123 ng/ul

RT: 17.444 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BN025225.D

Acq: 02 May 2023 17:59

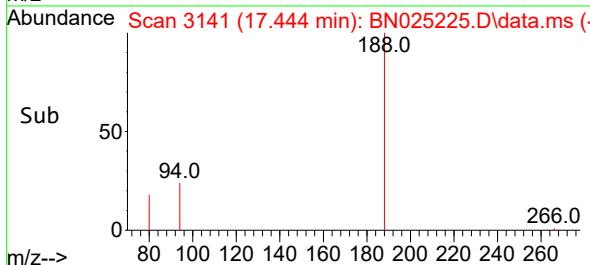
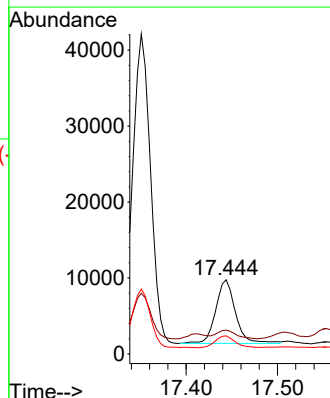
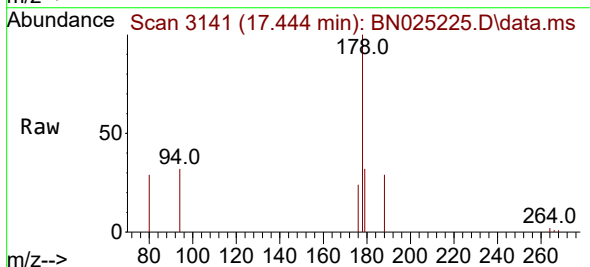
Tgt Ion:178 Resp: 12537

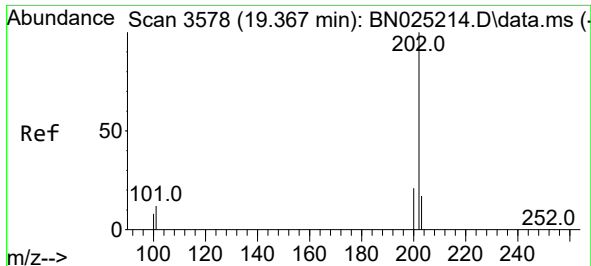
Ion Ratio Lower Upper

178 100

179 32.1 12.7 19.1#

176 24.4 15.3 22.9#

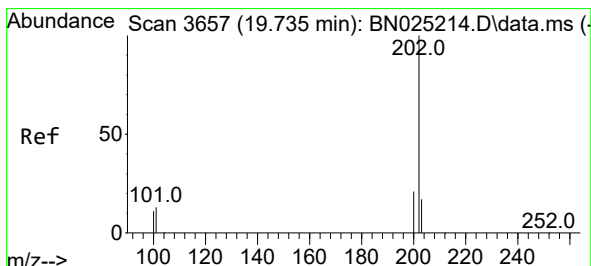
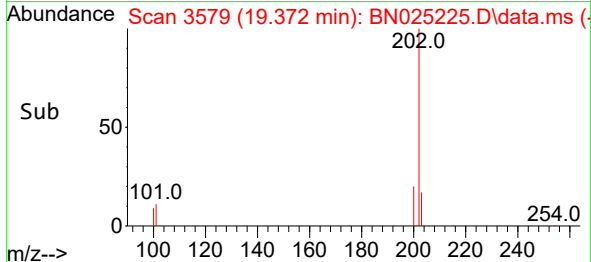
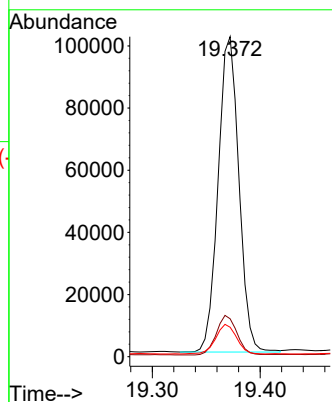
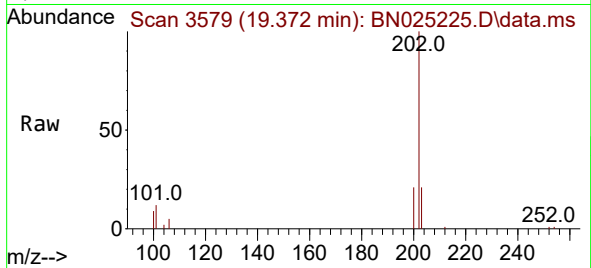




#19
Fluoranthene
Concen: 0.966 ng/ul
RT: 19.372 min Scan# 3579
Delta R.T. 0.005 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

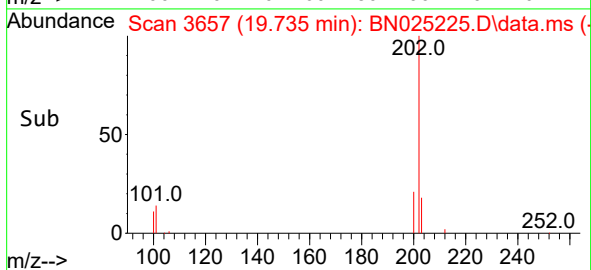
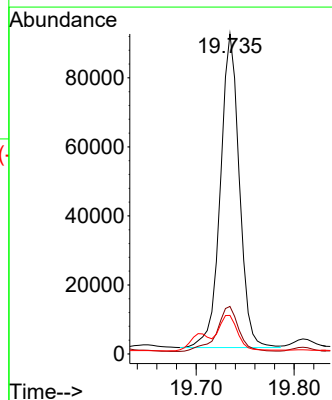
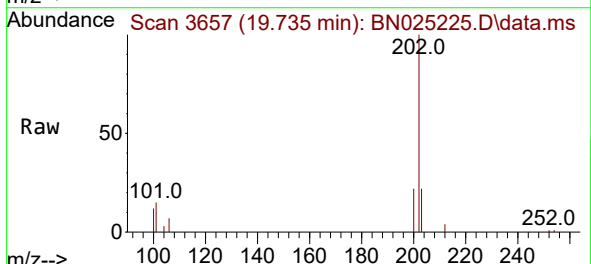
Instrument :
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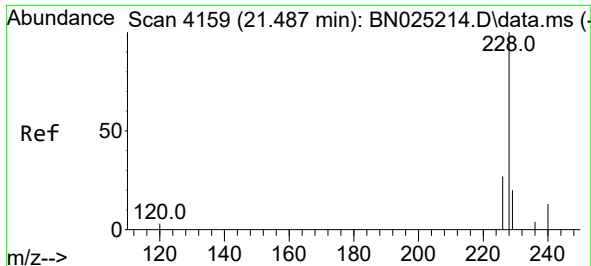
Tgt Ion:202 Resp: 135928
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.846 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

Tgt Ion:202 Resp: 122327
Ion Ratio Lower Upper
202 100
101 14.8 11.3 16.9
100 12.0 9.2 13.8

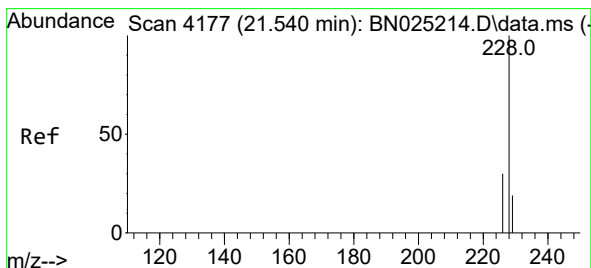
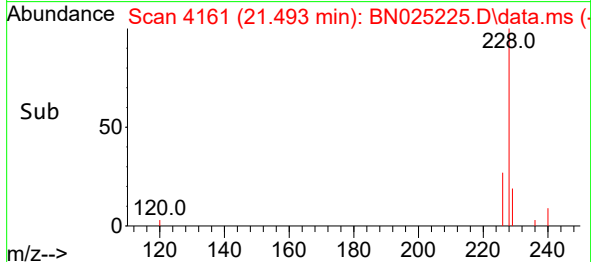
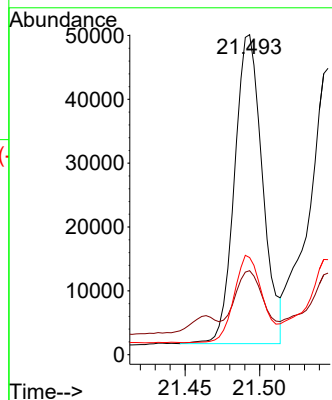
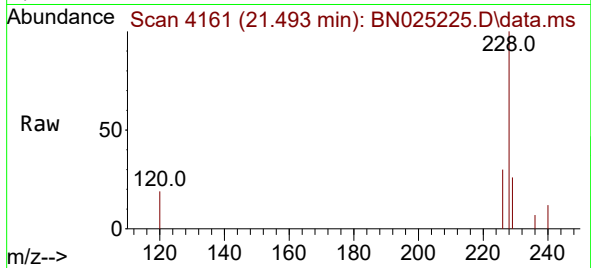




#21
Benzo(a)anthracene
Concen: 0.538 ng/ul
RT: 21.493 min Scan# 411
Delta R.T. 0.006 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

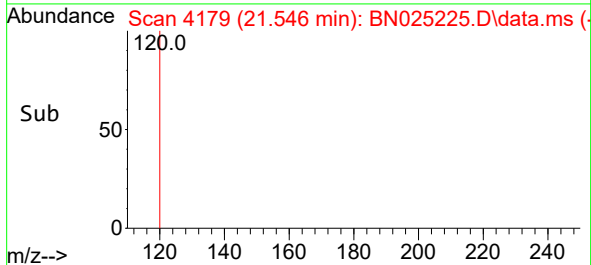
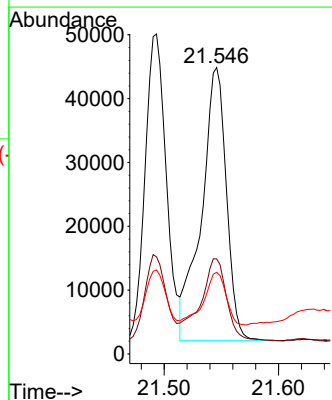
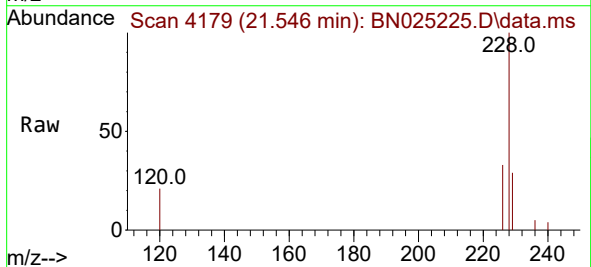
Instrument :
BNA_N
ClientSampleId :
EW926DL

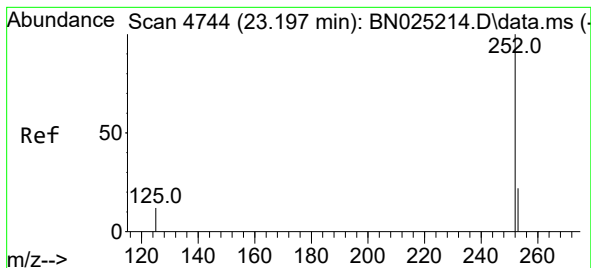
Tgt Ion:228 Resp: 63090
Ion Ratio Lower Upper
228 100
229 26.3 15.6 23.4#
226 30.3 22.1 33.1



#22
Chrysene
Concen: 0.507 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. 0.006 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

Tgt Ion:228 Resp: 64912
Ion Ratio Lower Upper
228 100
226 33.2 24.5 36.7
229 28.5 15.8 23.6#





#24

Benzo(b)fluoranthene

Concen: 0.757 ng/ul

RT: 23.209 min Scan# 4748

Delta R.T. 0.012 min

Lab File: BN025225.D

Acq: 02 May 2023 17:59

Instrument :

BNA_N

ClientSampleId :

EW926DL

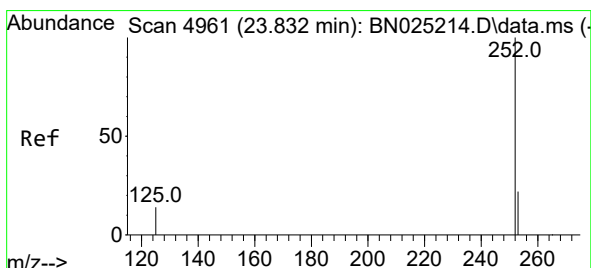
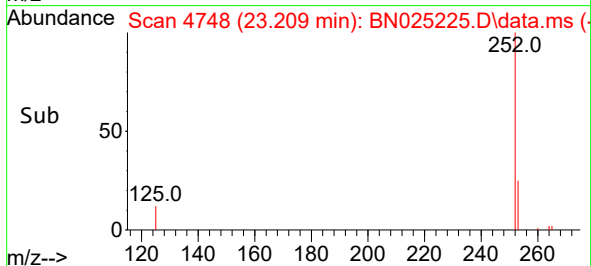
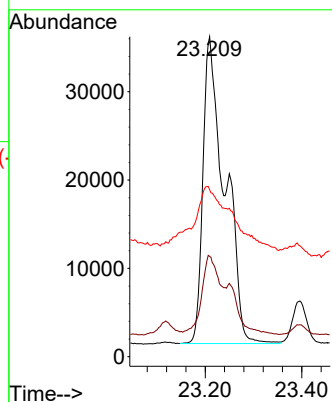
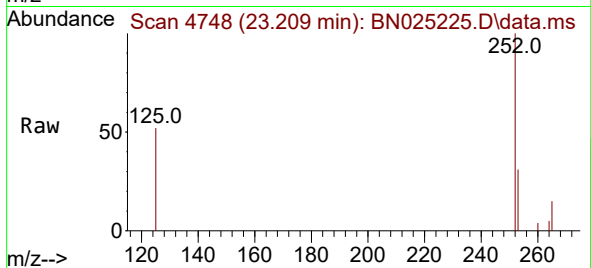
Tgt Ion:252 Resp: 109149

Ion Ratio Lower Upper

252 100

253 31.4 0.0 50.2

125 52.2 0.0 30.4#



#26

Benzo(a)pyrene

Concen: 0.410 ng/ul

RT: 23.843 min Scan# 4965

Delta R.T. 0.012 min

Lab File: BN025225.D

Acq: 02 May 2023 17:59

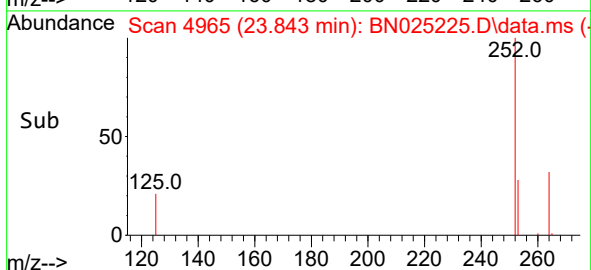
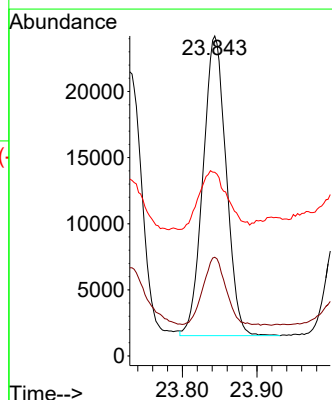
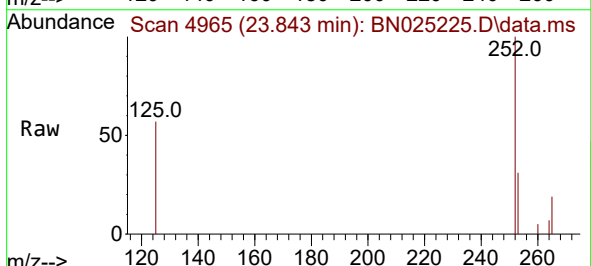
Tgt Ion:252 Resp: 48913

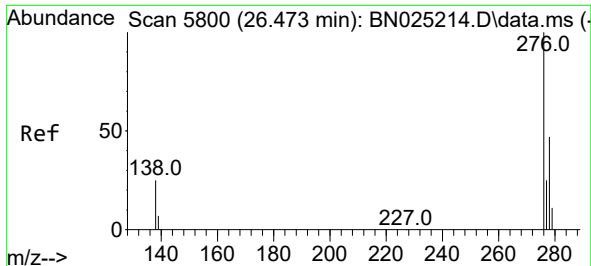
Ion Ratio Lower Upper

252 100

253 30.8 21.4 32.2

125 57.4 14.6 22.0#

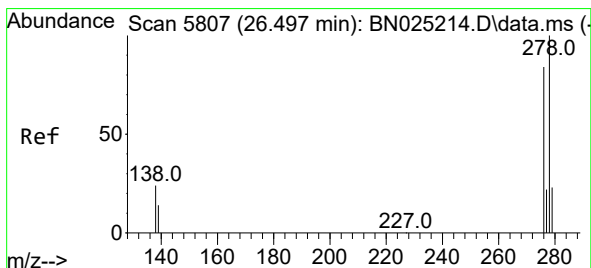
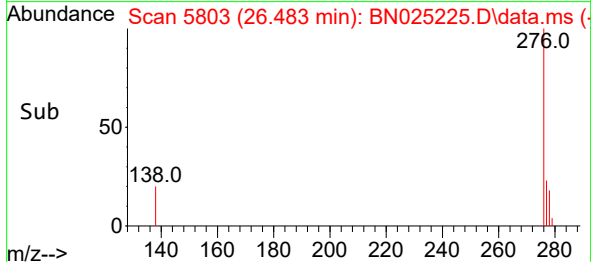
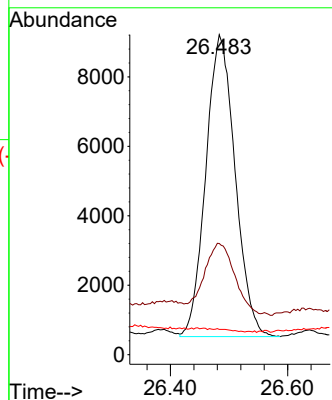
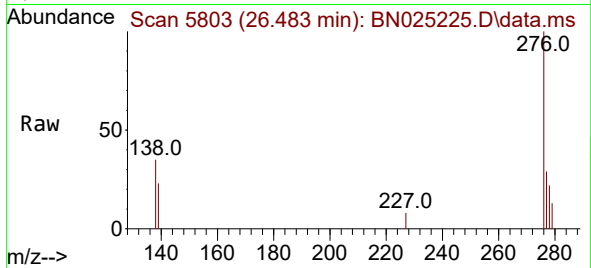




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.219 ng/ul
 RT: 26.483 min Scan# 5803
 Delta R.T. 0.010 min
 Lab File: BN025225.D
 Acq: 02 May 2023 17:59

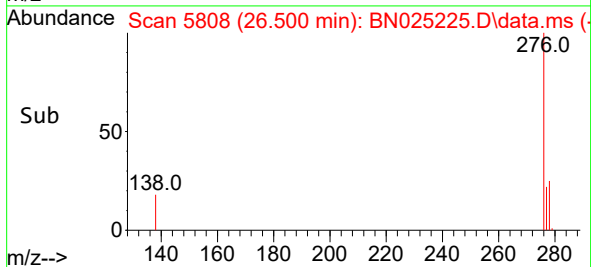
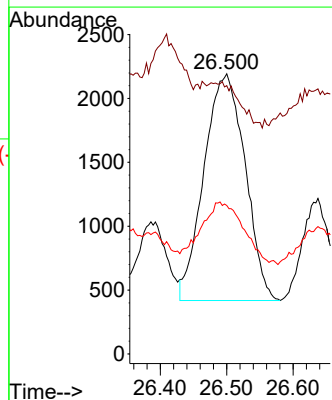
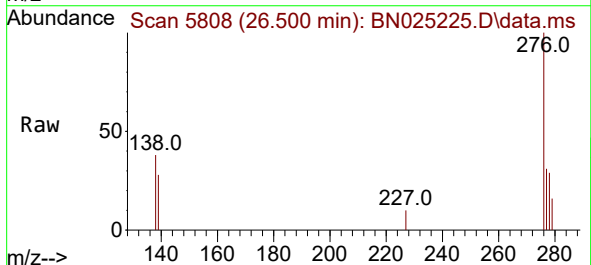
Instrument :
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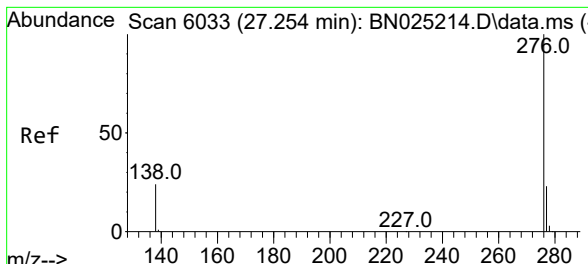
Tgt Ion:276 Resp: 30157
 Ion Ratio Lower Upper
 276 100
 138 24.0 21.9 32.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.071 ng/ul
 RT: 26.500 min Scan# 5808
 Delta R.T. 0.003 min
 Lab File: BN025225.D
 Acq: 02 May 2023 17:59

Tgt Ion:278 Resp: 7620
 Ion Ratio Lower Upper
 278 100
 139 95.8 17.0 25.6#
 279 53.0 21.8 32.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.258 ng/ul
 RT: 27.265 min Scan# 6036
 Delta R.T. 0.010 min
 Lab File: BN025225.D
 Acq: 02 May 2023 17:59

Instrument :
 BNA_N
 ClientSampleId :
 EW926DL

Tgt Ion:	276	Resp:	30134
Ion Ratio	Lower	Upper	
276	100		
138	34.4	20.3	30.5#
277	28.2	19.8	29.6

