

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025935.D
 Acq On : 22 Jun 2023 13:46
 Operator : MA/JU
 Sample : 03083-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK7

Quant Time: Jun 23 01:02:57 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

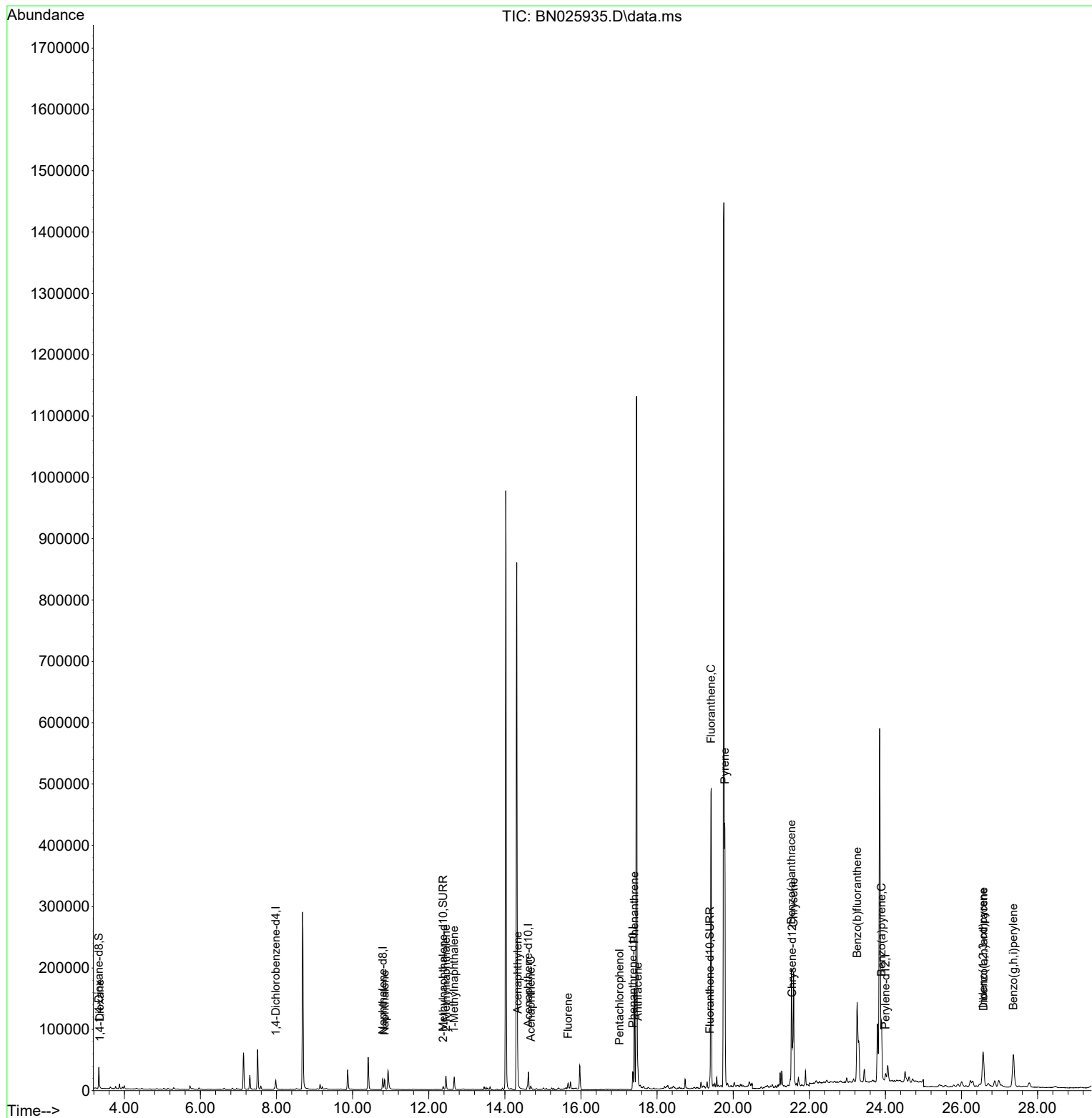
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8350	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	25473	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15858	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	33925	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	21227	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	17287	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	22900	2.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	7205	0.184	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	16771	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.356	88	280	0.028	ng/ul#	10
5) Naphthalene	10.842	128	22285	0.305	ng/ul	99
7) 2-Methylnaphthalene	12.453	142	17101	0.368	ng/ul	97
8) 1-Methylnaphthalene	12.668	142	14256	0.296	ng/ul	100
10) Acenaphthylene	14.339	152	31858	0.429	ng/ul	98
11) Acenaphthene	14.681	153	3784	0.062	ng/ul	97
12) Fluorene	15.662	166	6350	0.091	ng/ul#	92
14) Pentachlorophenol	17.013	266	333	0.027	ng/ul	96
15) Phenanthrene	17.402	178	176244	1.573	ng/ul	100
16) Anthracene	17.495	178	24530	0.246	ng/ul	97
19) Fluoranthene	19.419	202	422655	3.728	ng/ul	98
20) Pyrene	19.782	202	338651	2.872	ng/ul	95
21) Benzo(a)anthracene	21.532	228	173710	1.984	ng/ul	96
22) Chrysene	21.587	228	198530	2.179	ng/ul	96
24) Benzo(b)fluoranthene	23.256	252	310616	4.210	ng/ul	93
26) Benzo(a)pyrene	23.897	252	134614	2.101	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.568	276	102890	1.470	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.578	278	28156	0.531	ng/ul	92
29) Benzo(g,h,i)perylene	27.363	276	123428	1.982	ng/ul	97

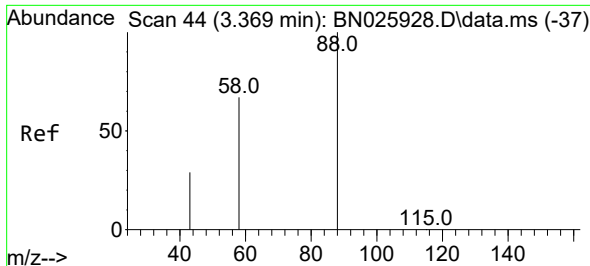
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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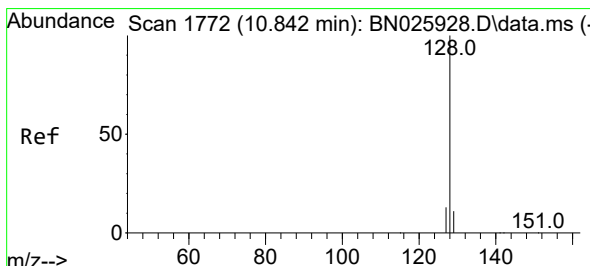
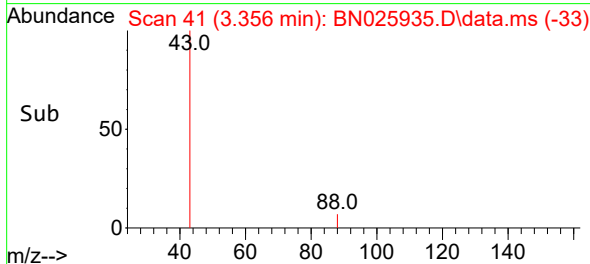
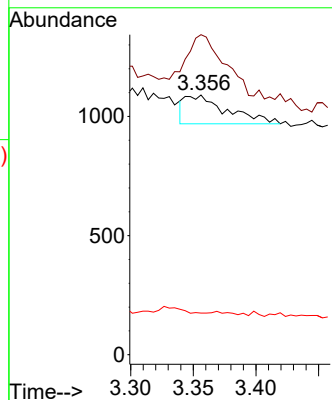
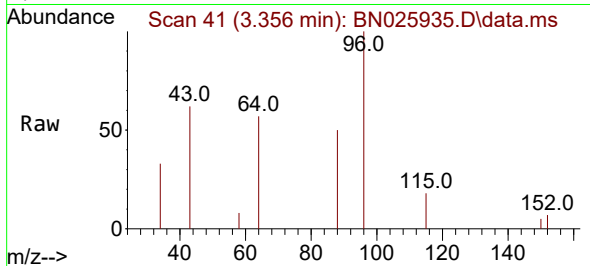




#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.356 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

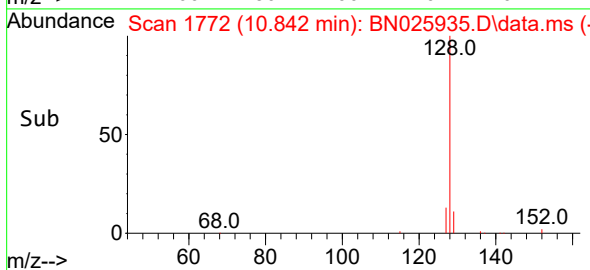
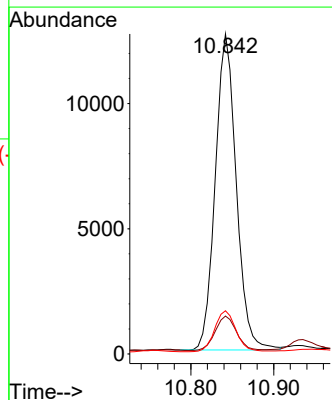
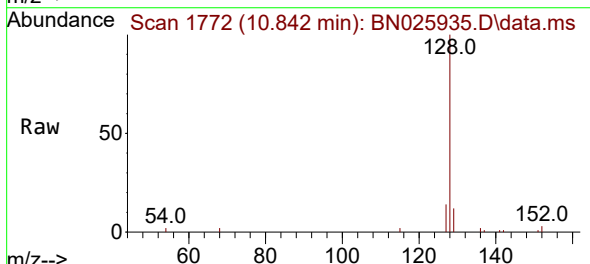
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BNA_N
ClientSampleId :
DCFK7

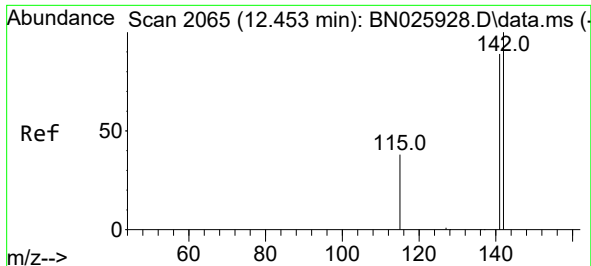
Tgt Ion: 88 Resp: 280
Ion Ratio Lower Upper
88 100
43 123.2 29.5 44.3#
58 16.1 37.4 56.2#



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

Tgt Ion: 128 Resp: 22285
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.5 10.7 16.1

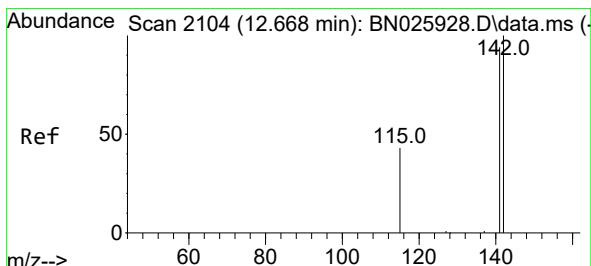
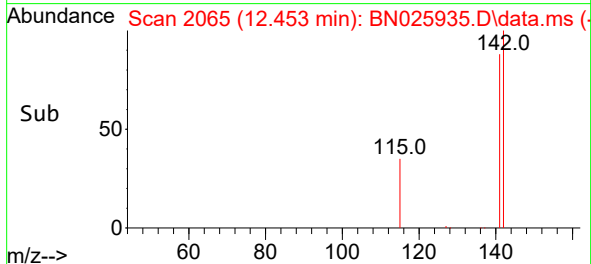
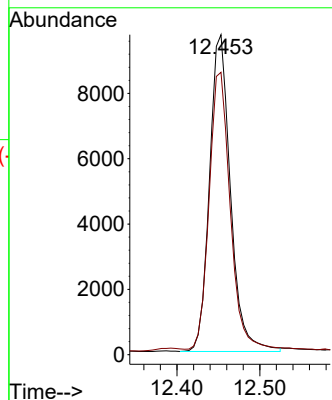
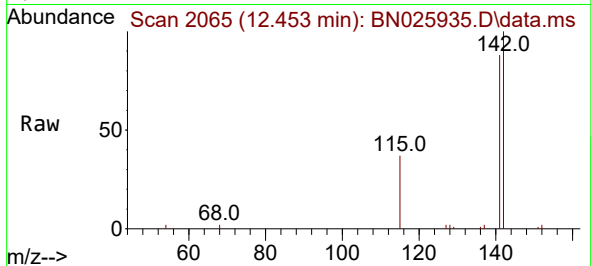




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

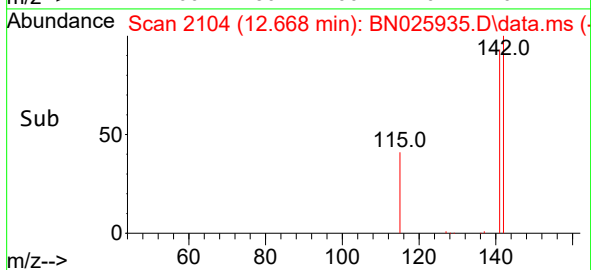
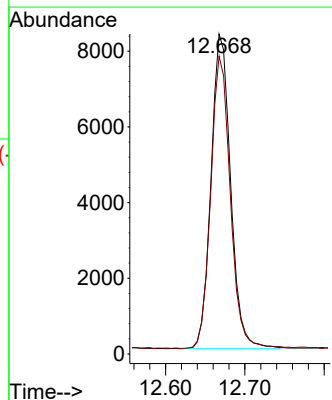
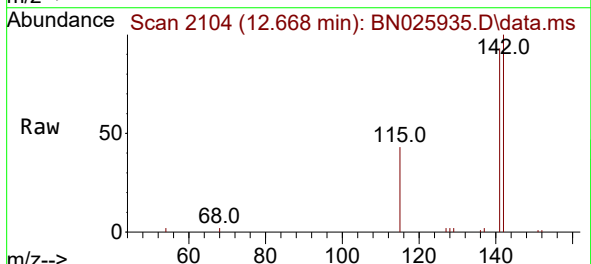
Instrument :
BNA_N
ClientSampleId :
DCFK7

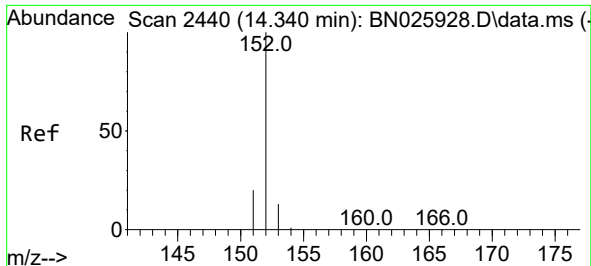
Tgt Ion:142 Resp: 17101
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.668 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

Tgt Ion:142 Resp: 14256
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

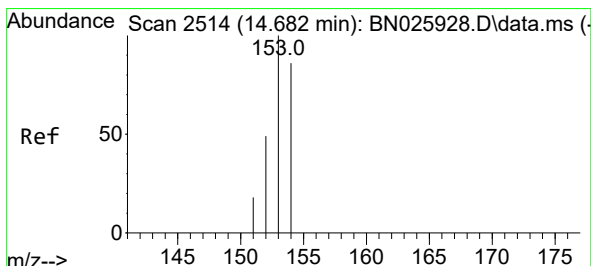
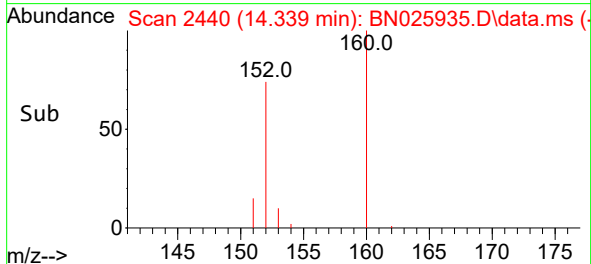
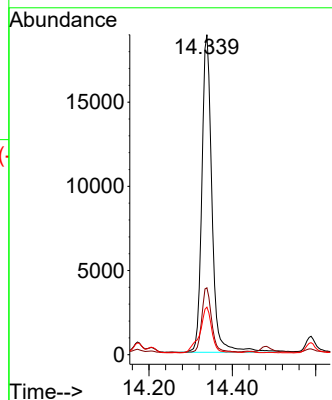
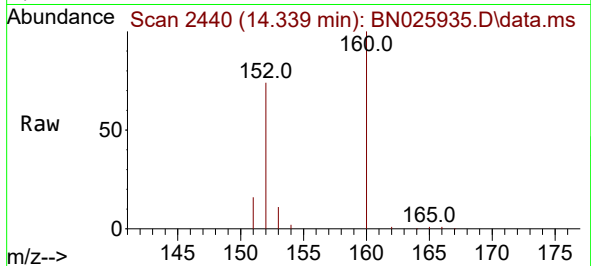




#10
Acenaphthylene
Concen: 0.429 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

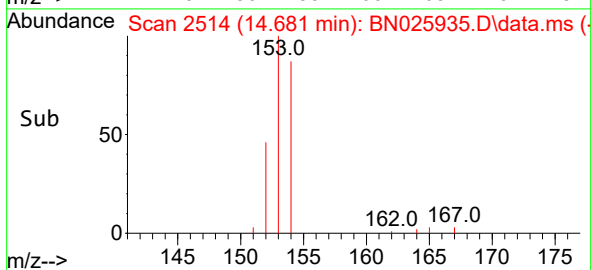
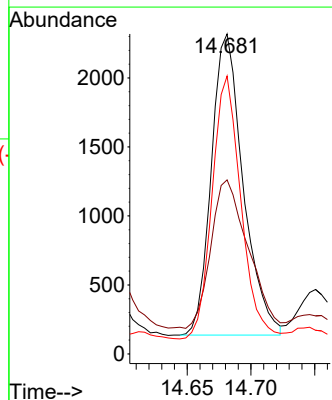
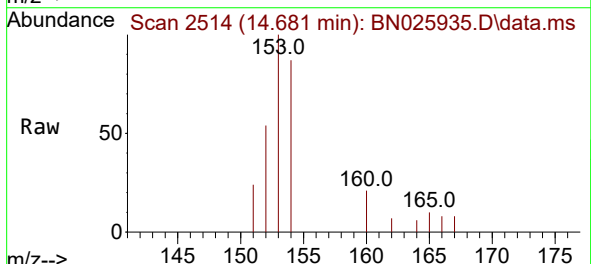
Instrument :
BNA_N
ClientSampleId :
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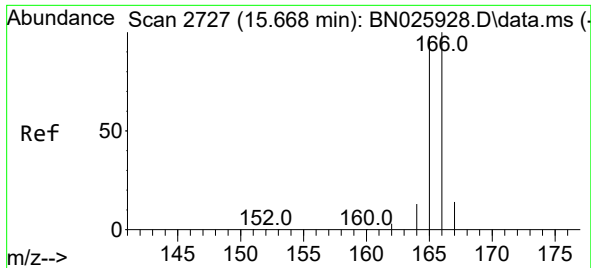
Tgt Ion:152 Resp: 31858
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.8 10.9 16.3



#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

Tgt Ion:153 Resp: 3784
Ion Ratio Lower Upper
153 100
152 54.4 39.4 59.0
154 86.8 68.9 103.3

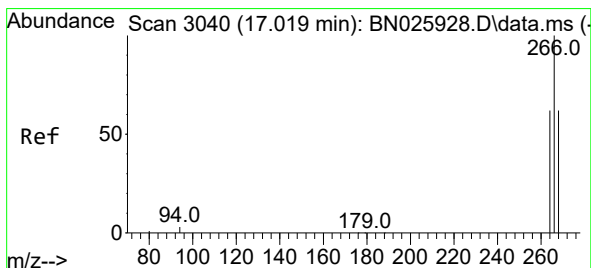
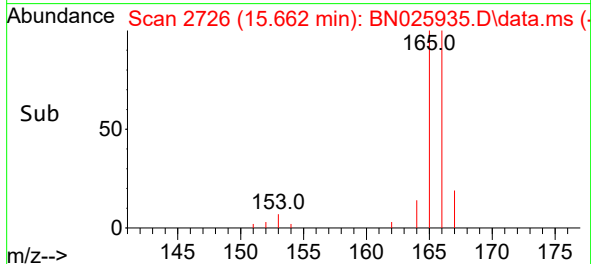
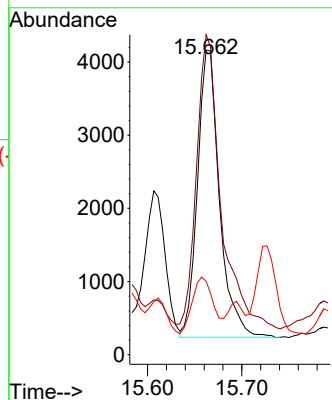
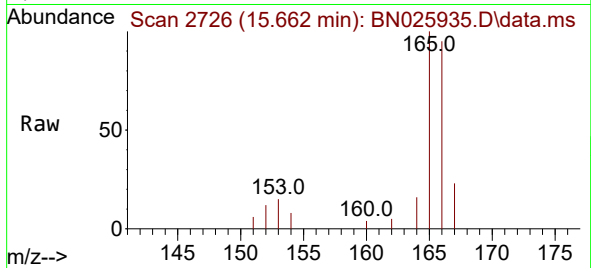




#12
Fluorene
Concen: 0.091 ng/ul
RT: 15.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

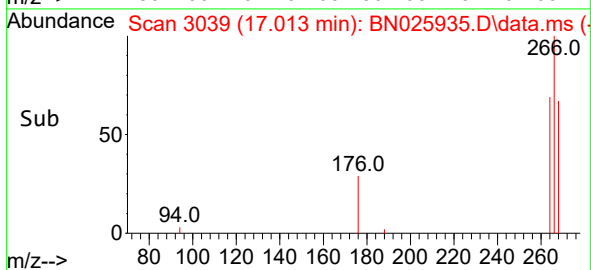
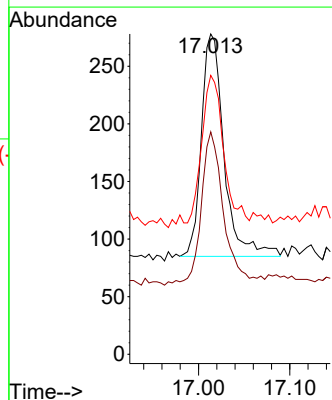
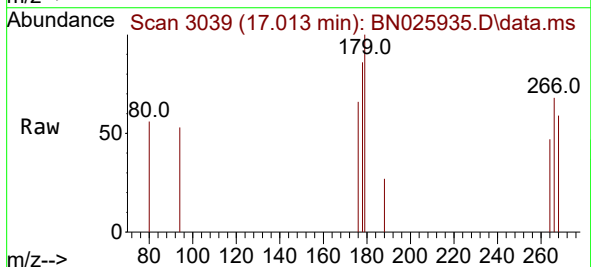
Instrument :
BNA_N
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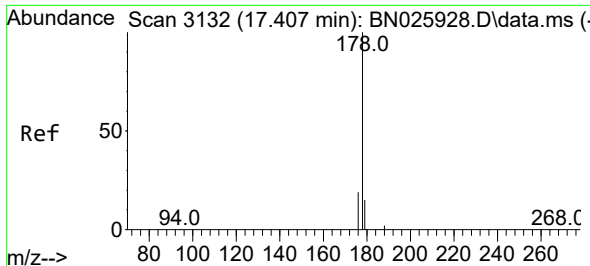
Tgt Ion:166 Resp: 6350
Ion Ratio Lower Upper
166 100
165 105.0 79.9 119.9
167 24.1 10.8 16.2#



#14
Pentachlorophenol
Concen: 0.027 ng/ul
RT: 17.013 min Scan# 3039
Delta R.T. -0.004 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

Tgt Ion:266 Resp: 333
Ion Ratio Lower Upper
266 100
264 69.4 50.5 75.7
268 64.0 51.6 77.4

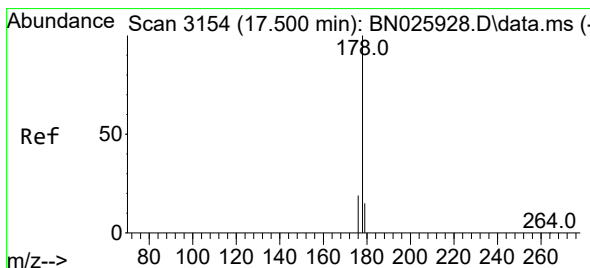
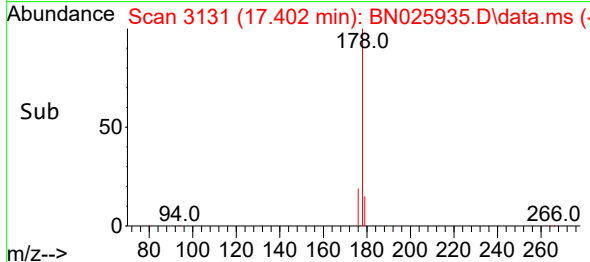
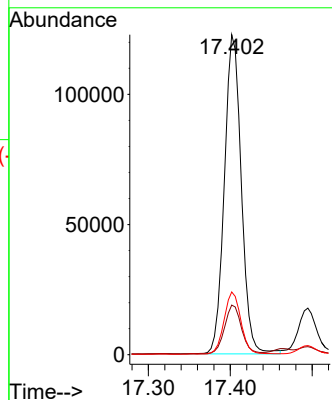
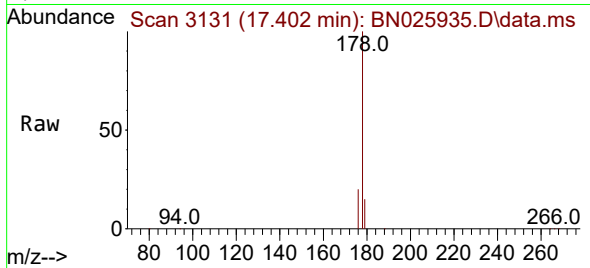




#15
Phenanthrene
Concen: 1.573 ng/ul
RT: 17.402 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

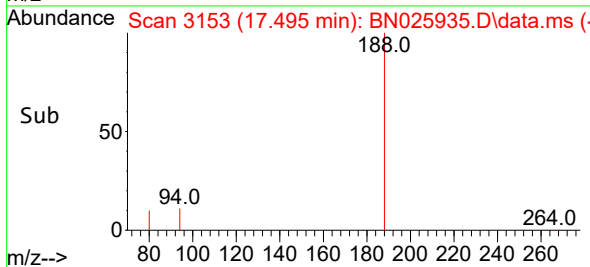
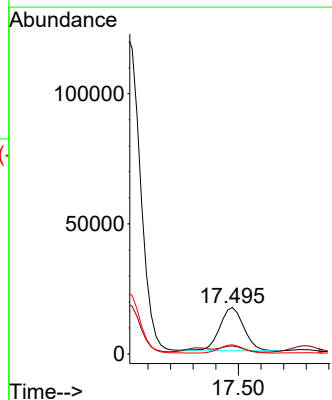
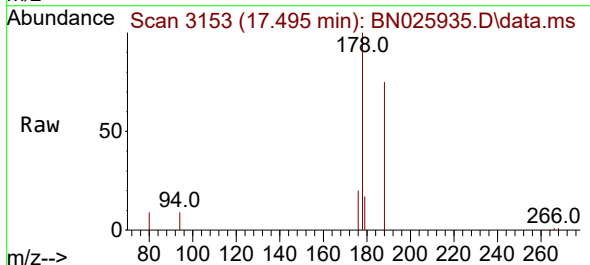
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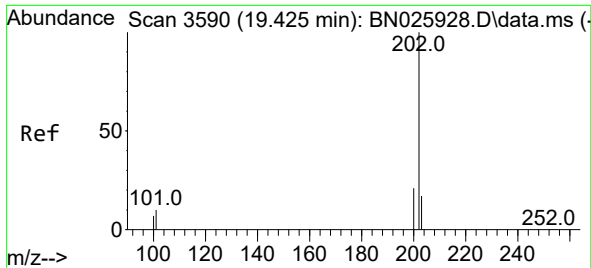
Tgt Ion:178 Resp: 176244
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.246 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

Tgt Ion:178 Resp: 24530
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 19.6 15.1 22.7

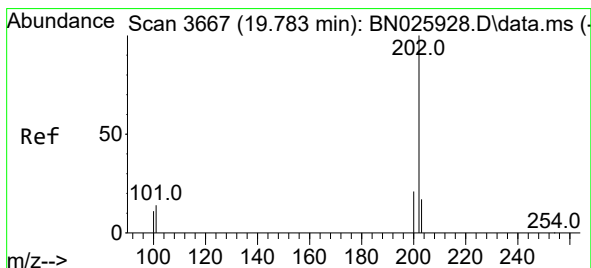
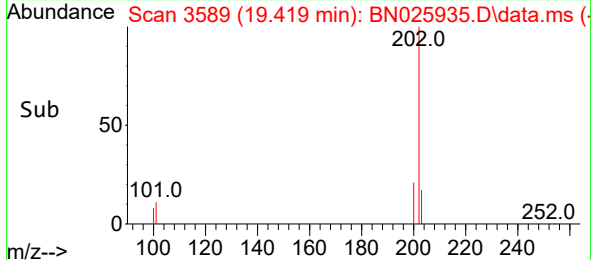
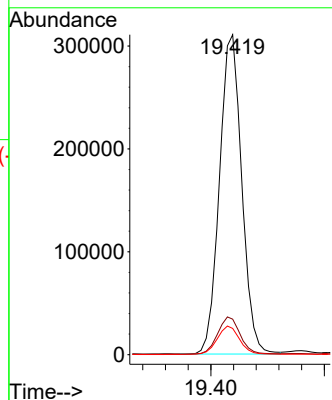
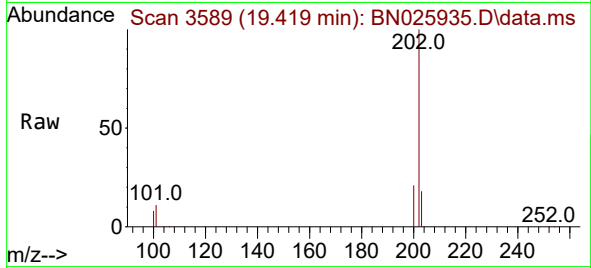




#19
Fluoranthene
Concen: 3.728 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. 0.000 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

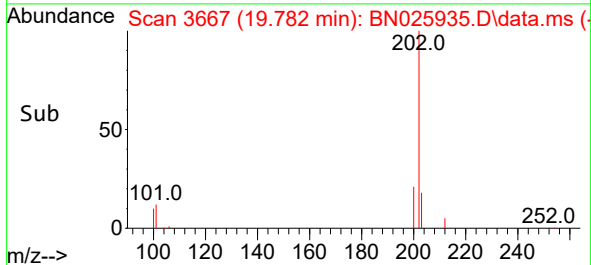
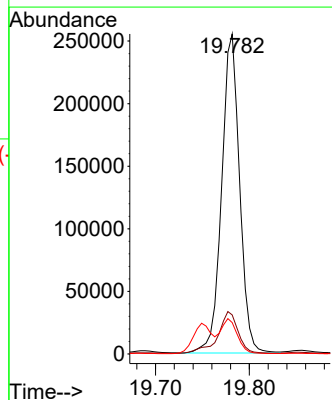
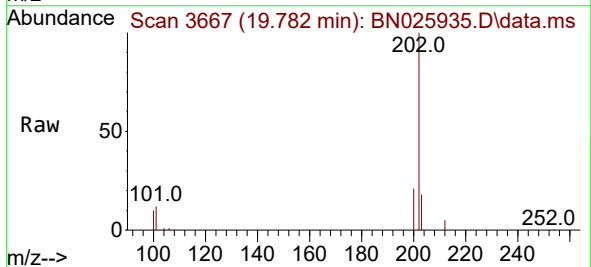
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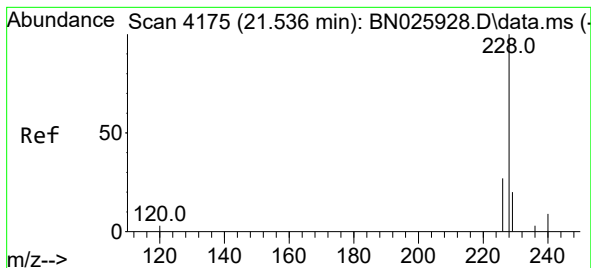
Tgt Ion:202 Resp: 422655
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 2.872 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. 0.000 min
Lab File: BN025935.D
Acq: 22 Jun 2023 13:46

Tgt Ion:202 Resp: 338651
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.8 9.1 13.7





#21

Benzo(a)anthracene

Concen: 1.984 ng/ul

RT: 21.532 min Scan# 4175

Delta R.T. 0.000 min

Lab File: BN025935.D

Acq: 22 Jun 2023 13:46

Instrument :

BNA_N

ClientSampleId :

DCFK7

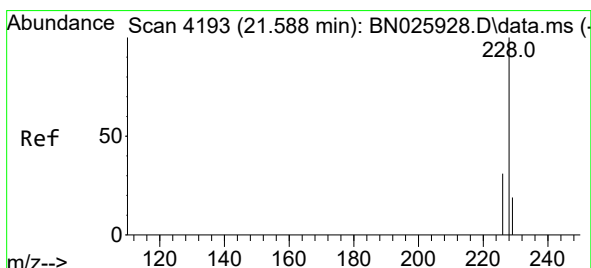
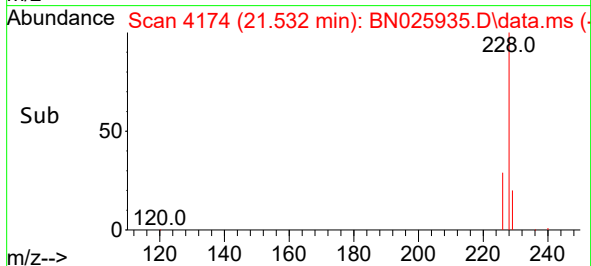
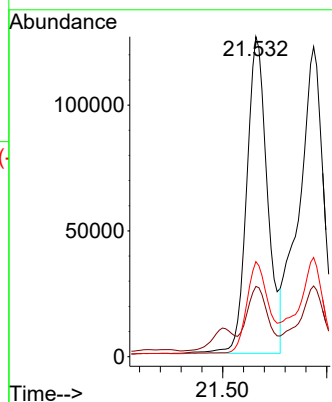
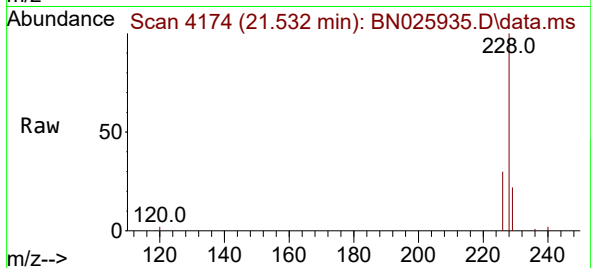
Tgt Ion:228 Resp: 173710

Ion Ratio Lower Upper

228 100

229 21.9 15.8 23.6

226 29.7 22.5 33.7



#22

Chrysene

Concen: 2.179 ng/ul

RT: 21.587 min Scan# 4193

Delta R.T. 0.003 min

Lab File: BN025935.D

Acq: 22 Jun 2023 13:46

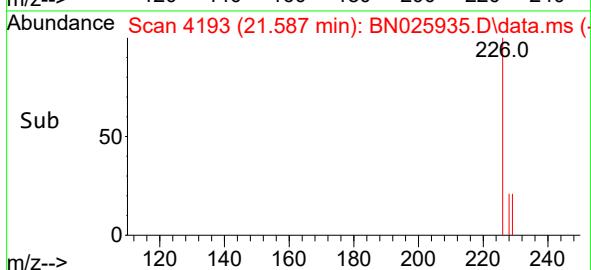
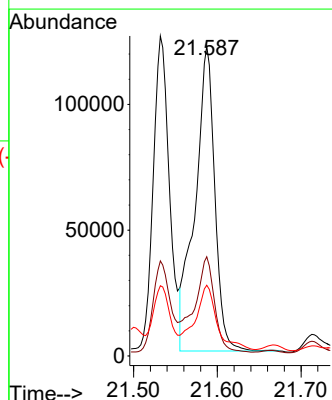
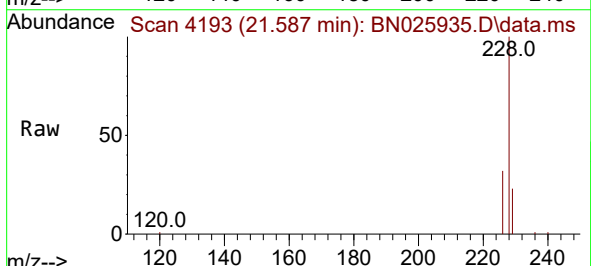
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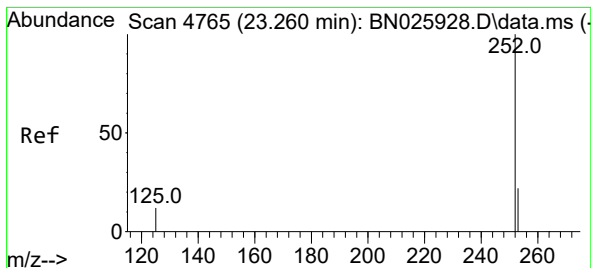
Ion Ratio Lower Upper

228 100

226 32.0 24.8 37.2

229 22.8 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 4.210 ng/ul

RT: 23.256 min Scan# 4764

Delta R.T. 0.000 min

Lab File: BN025935.D

Acq: 22 Jun 2023 13:46

Instrument :

BNA_N

ClientSampleId :

DCFK7

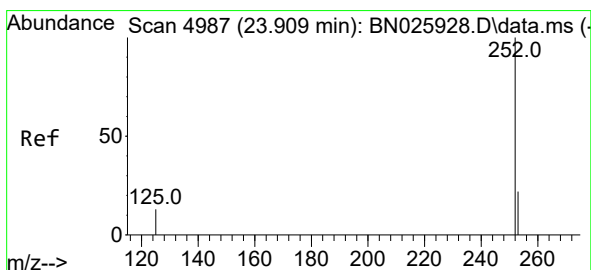
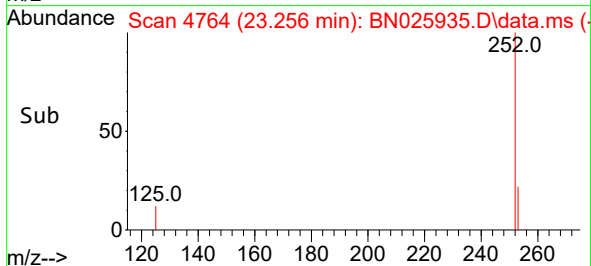
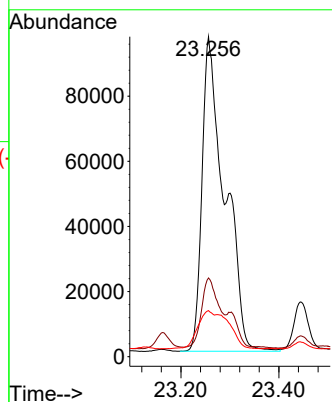
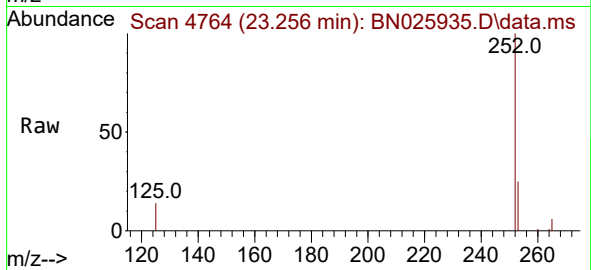
Tgt Ion:252 Resp: 310616

Ion Ratio Lower Upper

252 100

253 24.6 0.0 55.6

125 14.4 0.0 35.8



#26

Benzo(a)pyrene

Concen: 2.101 ng/ul

RT: 23.897 min Scan# 4983

Delta R.T. -0.012 min

Lab File: BN025935.D

Acq: 22 Jun 2023 13:46

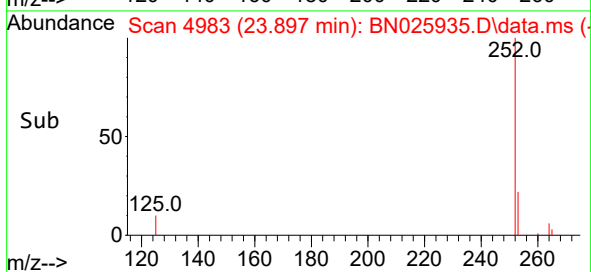
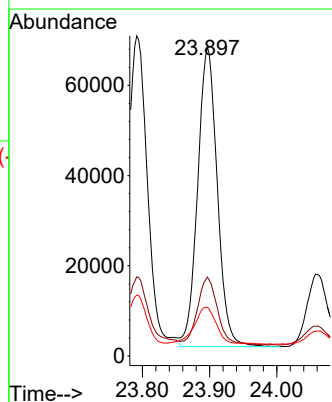
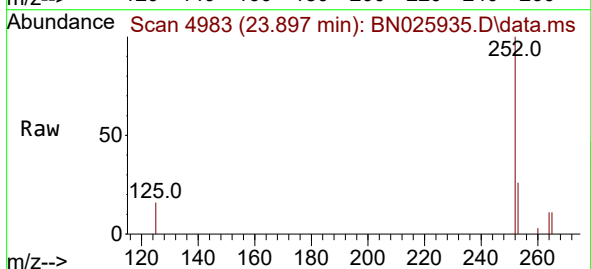
Tgt Ion:252 Resp: 134614

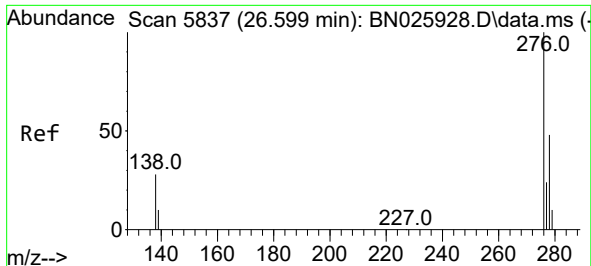
Ion Ratio Lower Upper

252 100

253 25.5 26.0 39.0#

125 15.8 17.3 25.9#

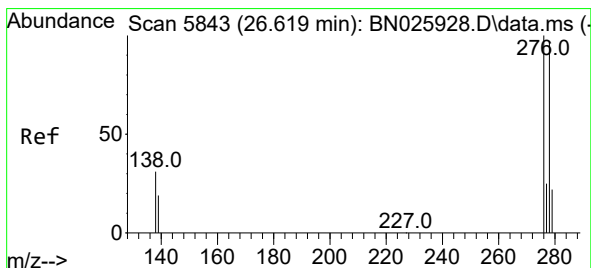
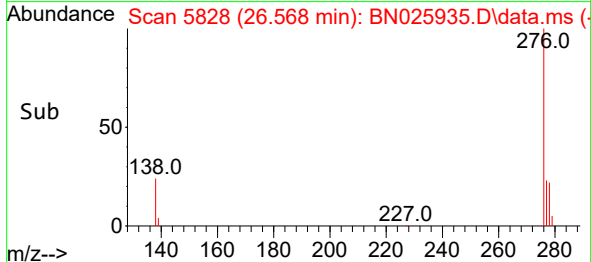
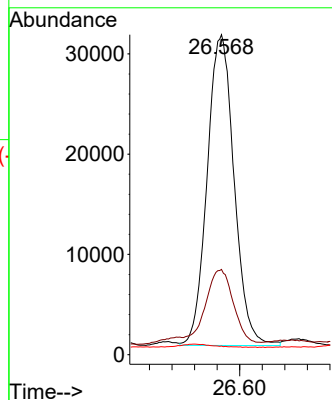
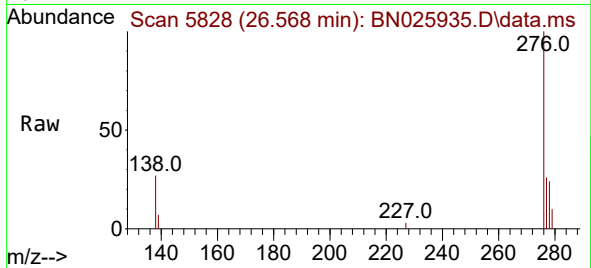




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.470 ng/ul
 RT: 26.568 min Scan# 5828
 Delta R.T. -0.027 min
 Lab File: BN025935.D
 Acq: 22 Jun 2023 13:46

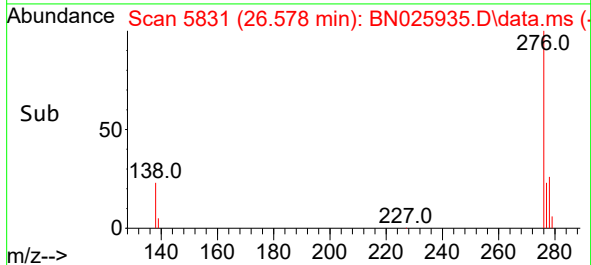
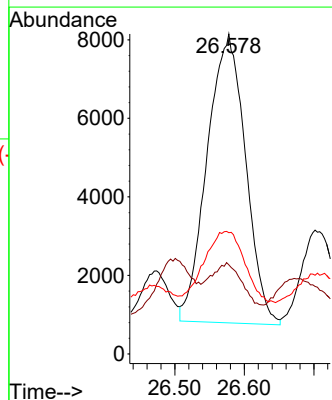
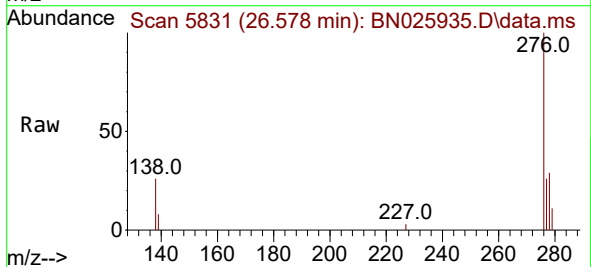
Instrument :
 BNA_N
 ClientSampleId :
 DCFK7

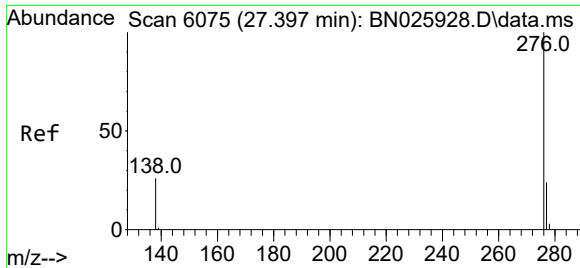
Tgt Ion:276 Resp: 102890
 Ion Ratio Lower Upper
 276 100
 138 24.4 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.531 ng/ul
 RT: 26.578 min Scan# 5831
 Delta R.T. -0.044 min
 Lab File: BN025935.D
 Acq: 22 Jun 2023 13:46

Tgt Ion:278 Resp: 28156
 Ion Ratio Lower Upper
 278 100
 139 27.8 19.0 28.4
 279 37.9 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.982 ng/ul
 RT: 27.363 min Scan# 6065
 Delta R.T. -0.023 min
 Lab File: BN025935.D
 Acq: 22 Jun 2023 13:46

Instrument :
 BNA_N
 ClientSampleId :
 DCFK7

Tgt Ion:276 Resp: 123428
 Ion Ratio Lower Upper
 276 100
 138 26.4 23.4 35.0
 277 24.6 20.0 30.0

