

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025846.D
 Acq On : 14 Jun 2023 17:17
 Operator : MA/JU
 Sample : SP6213
 Misc : SFAM SIM SPIKE
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6213

Quant Time: Jun 14 19:31:23 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:13:59 2023
 Response via : Initial Calibration

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

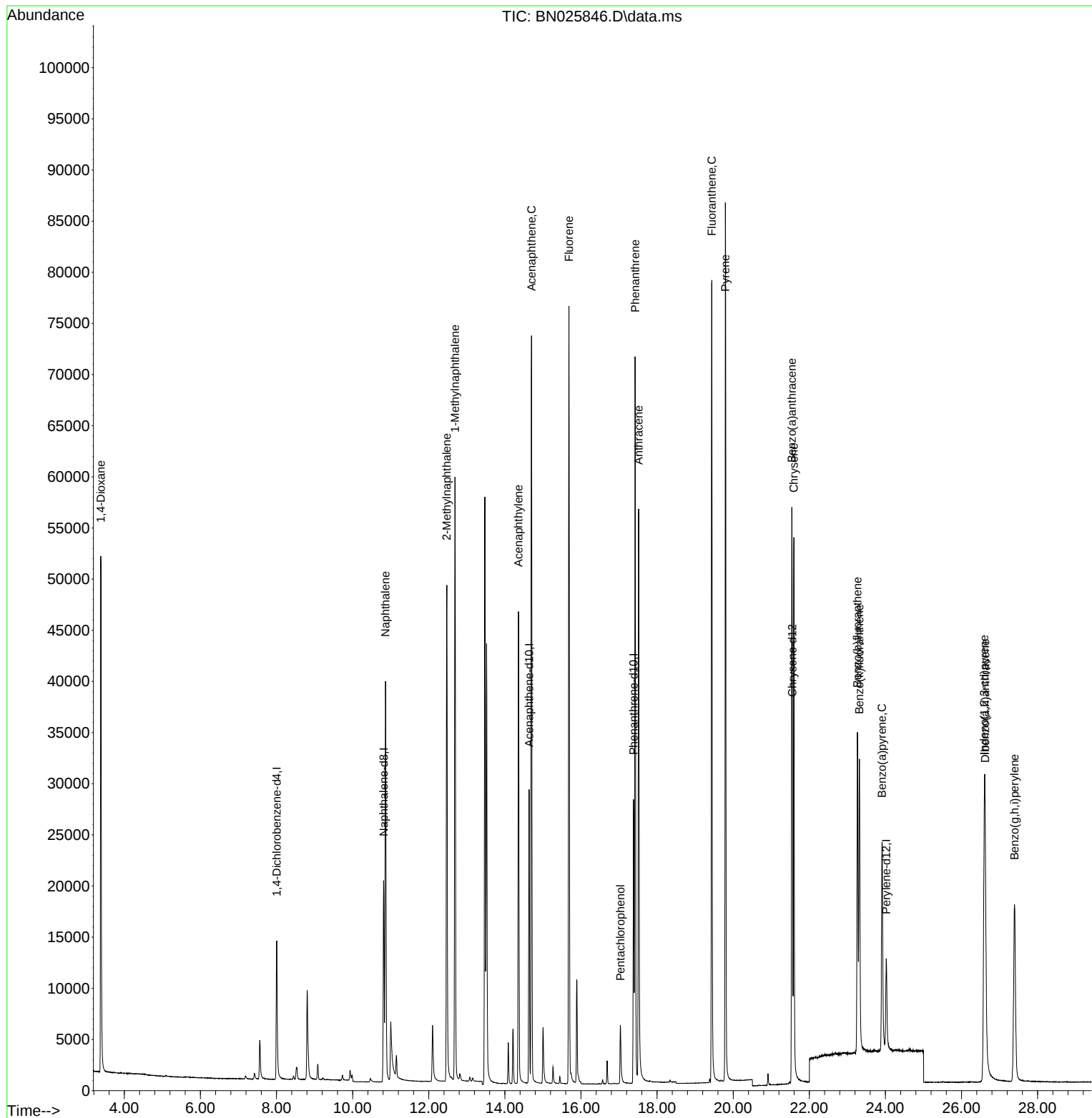
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8800	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	27586	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	16214	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	32161	0.400	ng/ul	0.00
17) Chrysene-d12	21.555	240	16749	0.400	ng/ul	-0.01
23) Perylene-d12	24.022	264	13441	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	0.000	212	0d	0.000	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	36413	3.932	ng/ul	93
5) Naphthalene	10.864	128	57768	0.823	ng/ul	99
7) 2-Methylnaphthalene	12.475	142	36610	0.867	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	40298	0.868	ng/ul	100
10) Acenaphthylene	14.357	152	55195	0.861	ng/ul	100
11) Acenaphthene	14.700	153	44127	0.825	ng/ul	99
12) Fluorene	15.685	166	49280	0.827	ng/ul	99
14) Pentachlorophenol	17.034	266	4851	1.401	ng/ul	95
15) Phenanthrene	17.423	178	76228	0.813	ng/ul	99
16) Anthracene	17.516	178	67103	0.847	ng/ul	99
19) Fluoranthene	19.438	202	73731	0.962	ng/ul	99
20) Pyrene	19.796	202	75477	0.952	ng/ul	98
21) Benzo(a)anthracene	21.541	228	49023	0.918	ng/ul	99
22) Chrysene	21.593	228	50682	0.830	ng/ul	100
24) Benzo(b)fluoranthene	23.265	252	44524	0.810	ng/ul	96
25) Benzo(k)fluoranthene	23.318	252	43915	0.797	ng/ul	94
26) Benzo(a)pyrene	23.911	252	37088	0.796	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.598	276	47661	0.897	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.621	278	36383	0.905	ng/ul	94
29) Benzo(g,h,i)perylene	27.393	276	40248	0.845	ng/ul	99

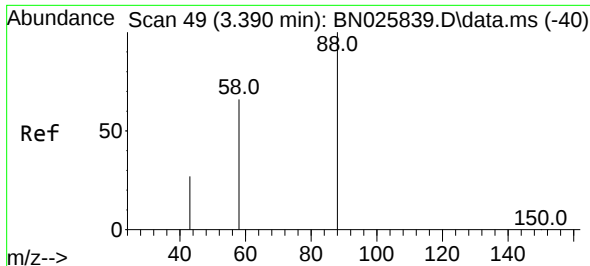
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 14 19:31:23 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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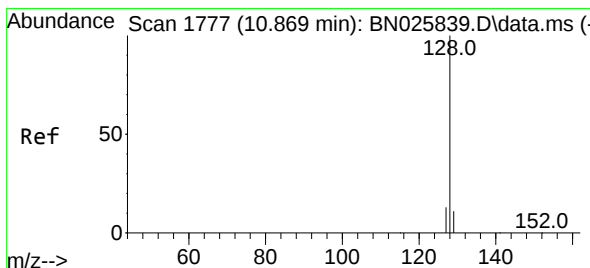
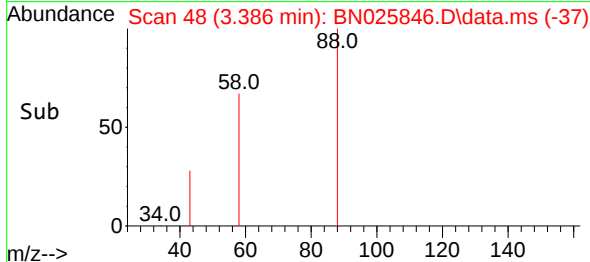
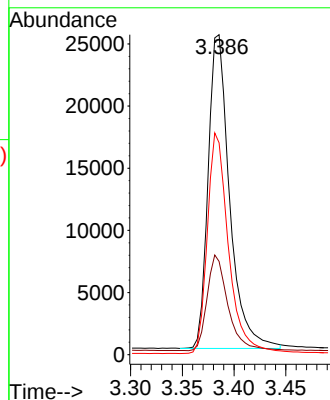
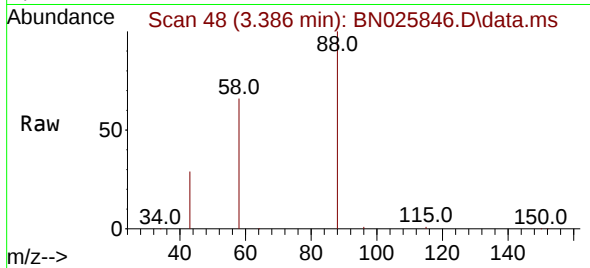




#2
1,4-Dioxane
Concen: 3.932 ng/ul
RT: 3.386 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

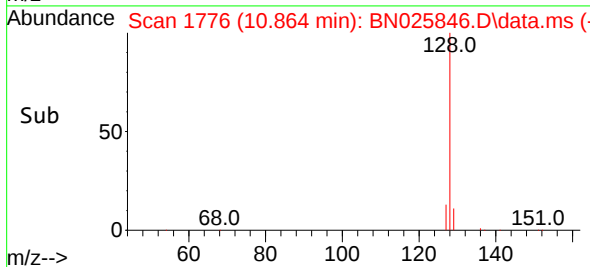
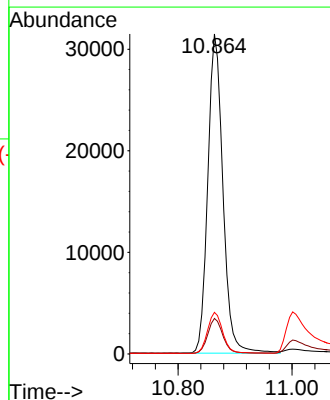
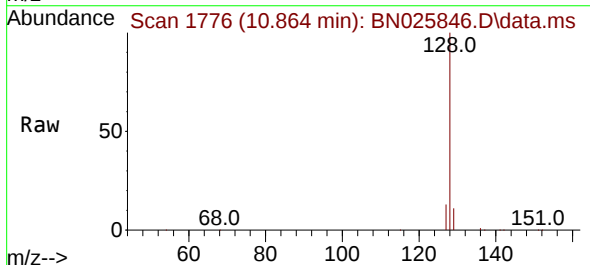
Instrument :
BNA_N
ClientSampleId :
SP6213

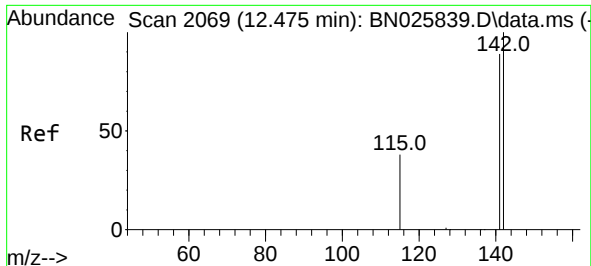
Tgt Ion: 88 Resp: 36413
Ion Ratio Lower Upper
88 100
43 29.1 26.5 39.7
58 66.2 49.0 73.6



#5
Naphthalene
Concen: 0.823 ng/ul
RT: 10.864 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Tgt Ion:128 Resp: 57768
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.5 15.7

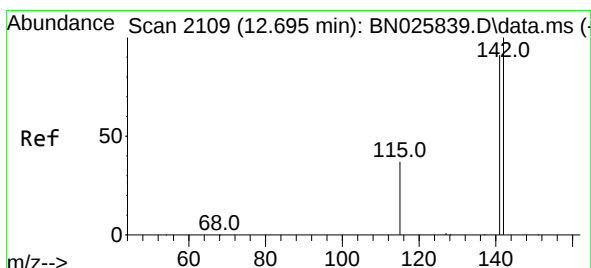
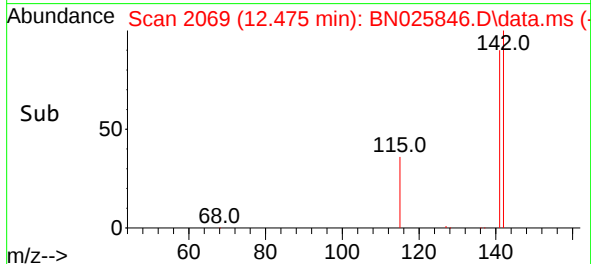
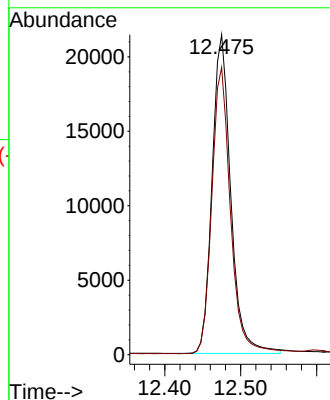
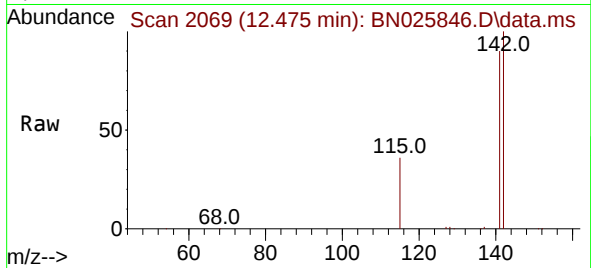




#7
2-Methylnaphthalene
Concen: 0.867 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

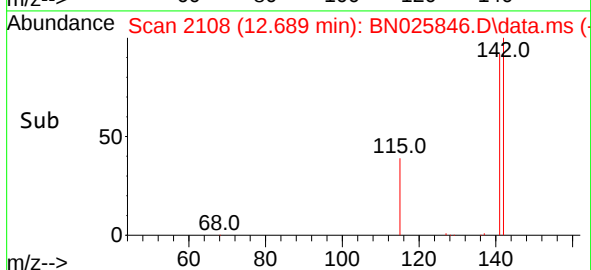
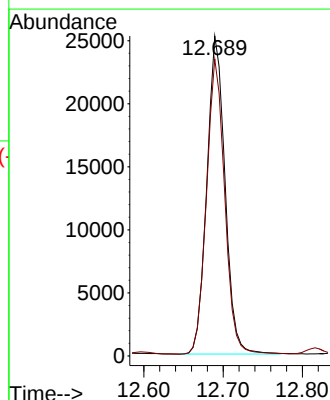
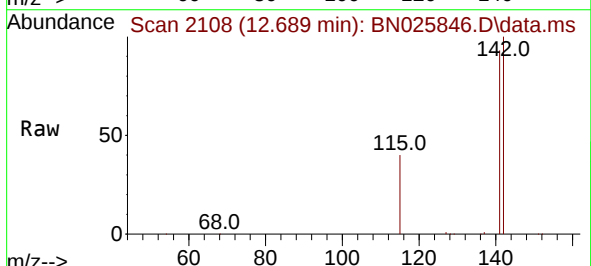
Instrument :
BNA_N
ClientSampleId :
SP6213

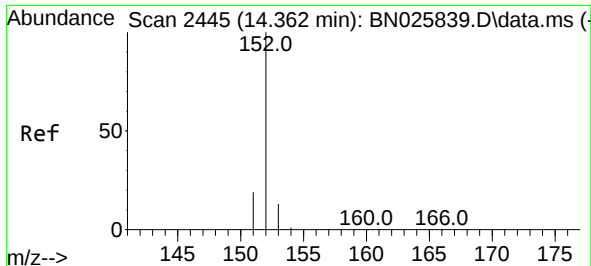
Tgt Ion:142 Resp: 36610
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.868 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Tgt Ion:142 Resp: 40298
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0

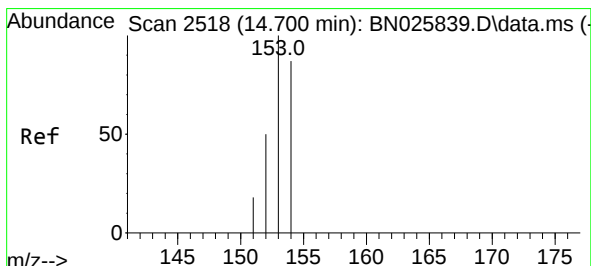
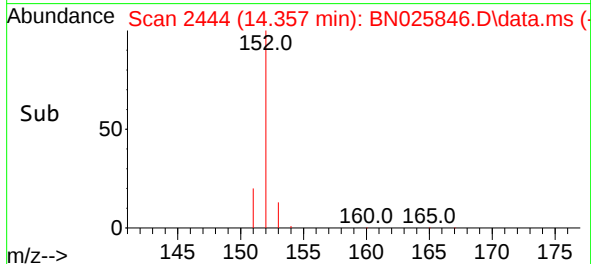
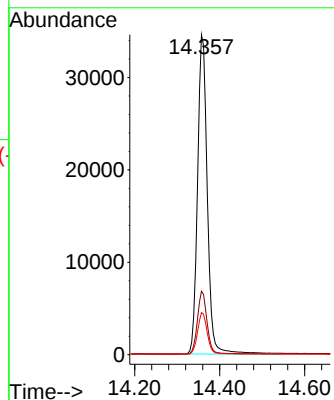
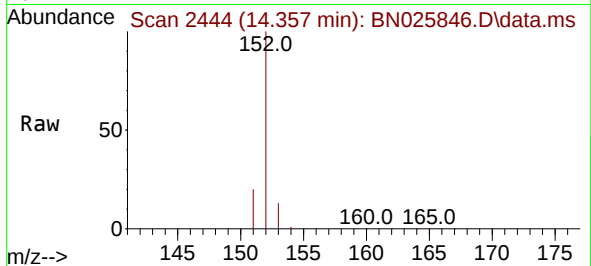




#10
Acenaphthylene
Concen: 0.861 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

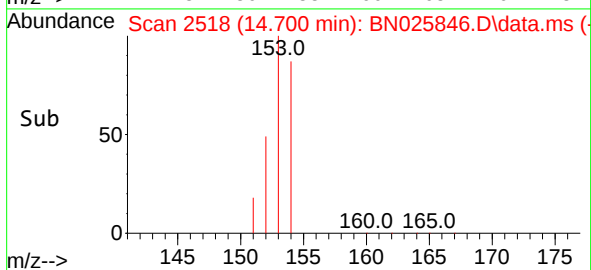
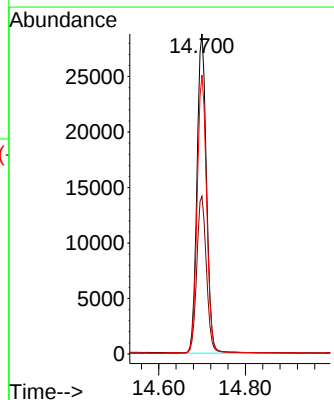
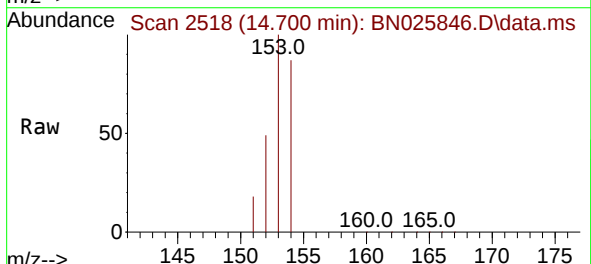
Instrument :
BNA_N
ClientSampleId :
SP6213

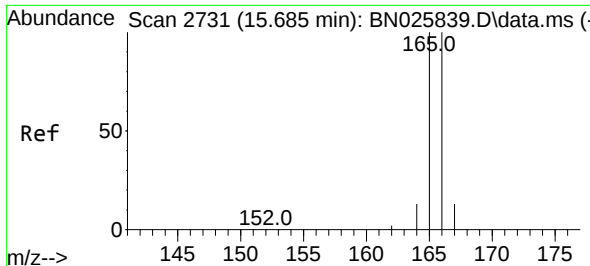
Tgt Ion:152 Resp: 55195
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.7 16.1



#11
Acenaphthene
Concen: 0.825 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Tgt Ion:153 Resp: 44127
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 87.1 68.8 103.2

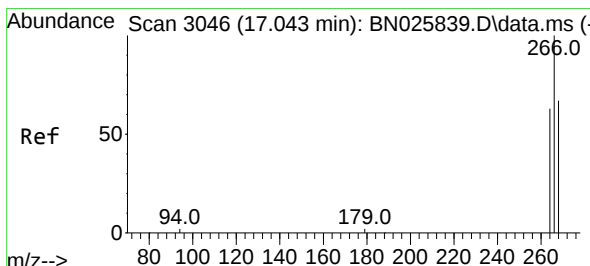
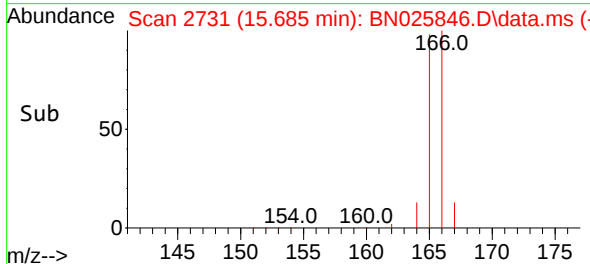
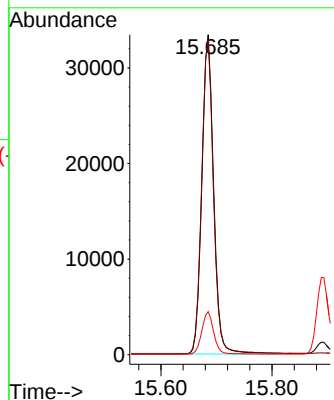
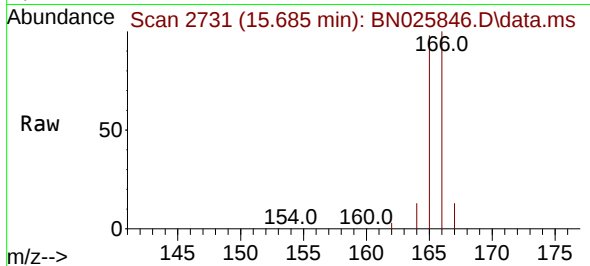




#12
 Fluorene
 Concen: 0.827 ng/ul
 RT: 15.685 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025846.D
 Acq: 14 Jun 2023 17:17

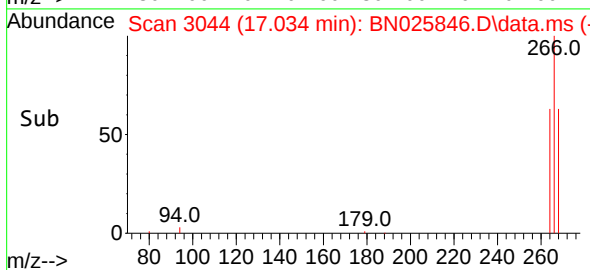
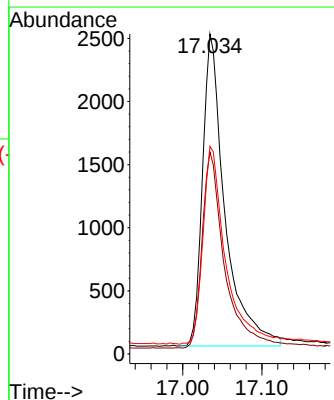
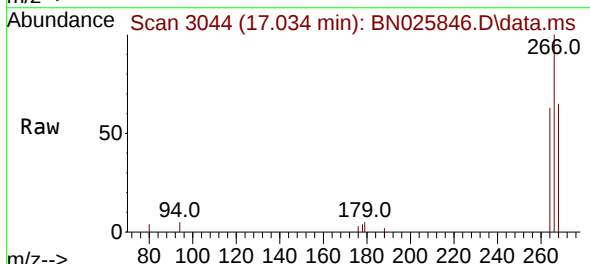
Instrument :
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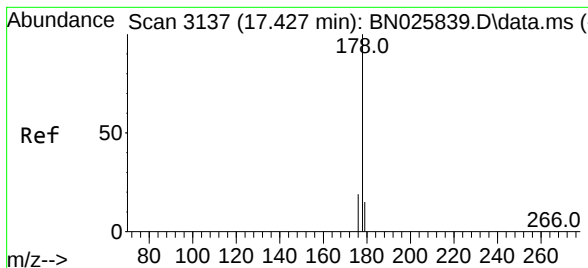
Tgt Ion:166 Resp: 49280
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.2 118.8
 167 13.5 11.0 16.6



#14
 Pentachlorophenol
 Concen: 1.401 ng/ul
 RT: 17.034 min Scan# 3044
 Delta R.T. -0.008 min
 Lab File: BN025846.D
 Acq: 14 Jun 2023 17:17

Tgt Ion:266 Resp: 4851
 Ion Ratio Lower Upper
 266 100
 264 63.0 48.2 72.4
 268 64.5 48.2 72.4





#15

Phenanthrene

Concen: 0.813 ng/ul

RT: 17.423 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BN025846.D

Acq: 14 Jun 2023 17:17

Instrument :

BNA_N

ClientSampleId :

SP6213

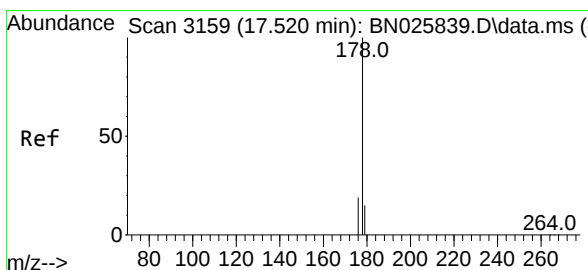
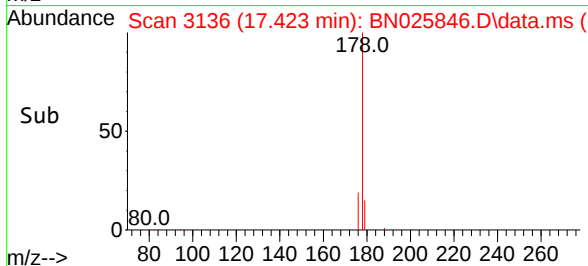
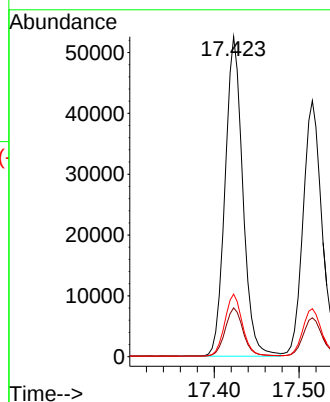
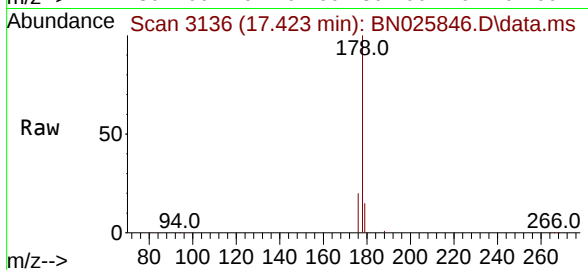
Tgt Ion:178 Resp: 76228

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

176 19.6 15.8 23.8



#16

Anthracene

Concen: 0.847 ng/ul

RT: 17.516 min Scan# 3158

Delta R.T. -0.004 min

Lab File: BN025846.D

Acq: 14 Jun 2023 17:17

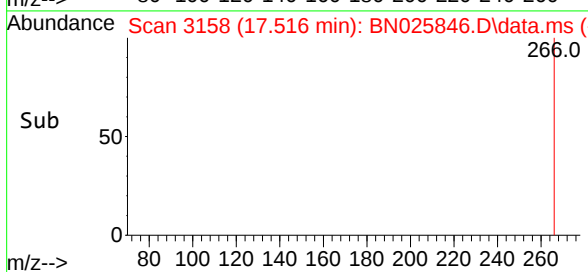
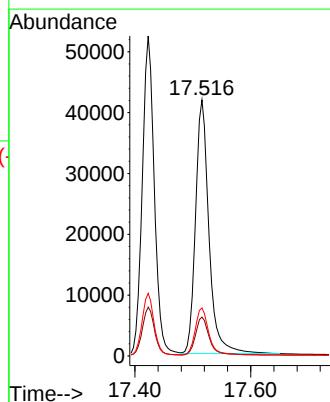
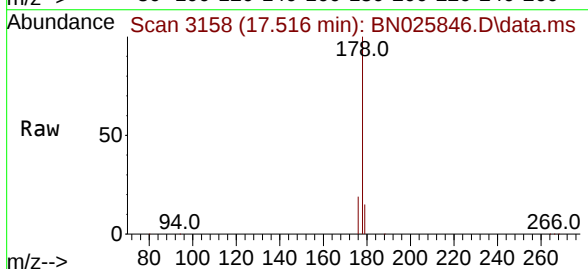
Tgt Ion:178 Resp: 67103

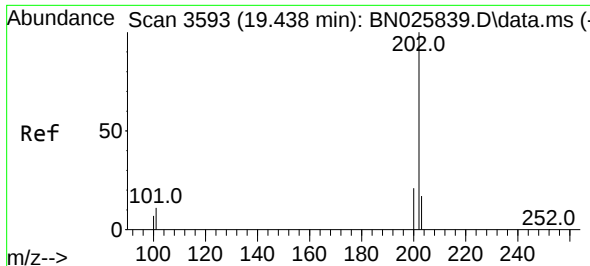
Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

176 18.7 15.4 23.2

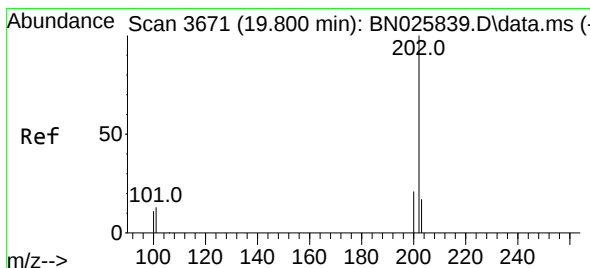
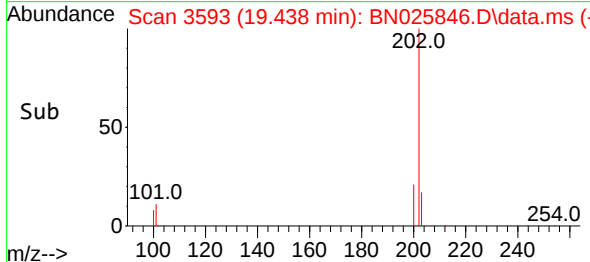
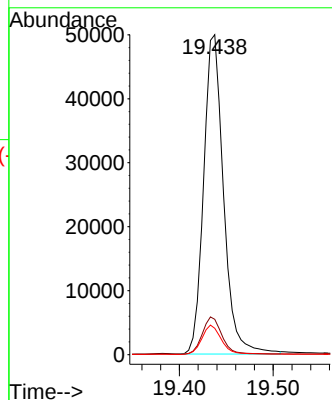
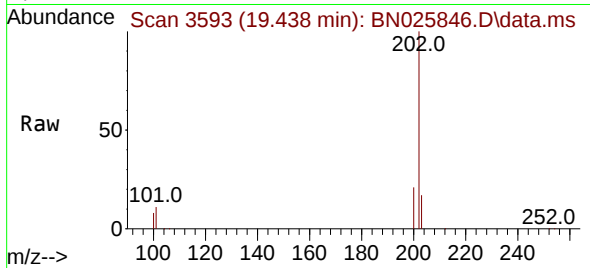




#19
Fluoranthene
Concen: 0.962 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

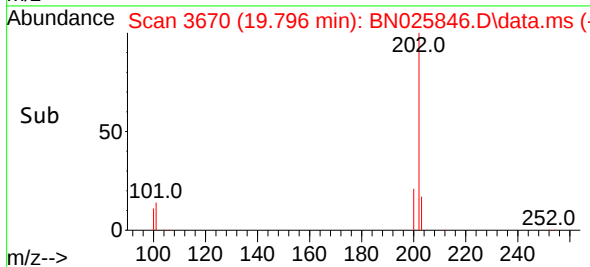
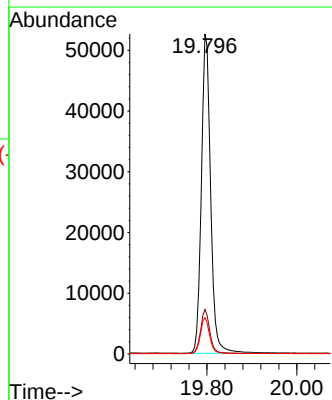
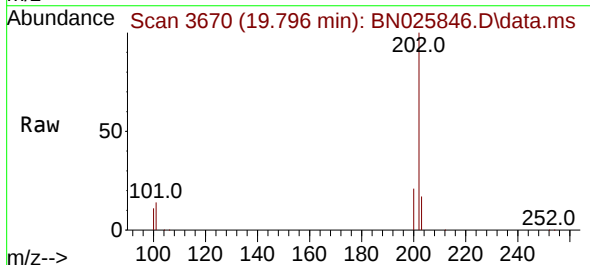
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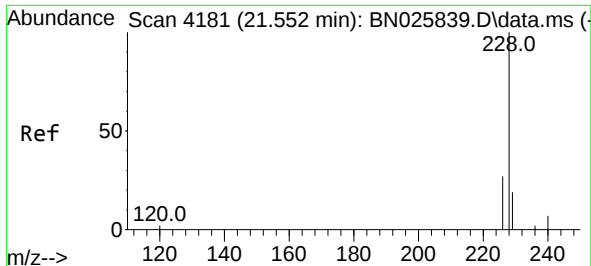
Tgt Ion:202 Resp: 73731
Ion Ratio Lower Upper
202 100
101 11.0 9.1 13.7
100 8.3 7.0 10.6



#20
Pyrene
Concen: 0.952 ng/ul
RT: 19.796 min Scan# 3670
Delta R.T. -0.005 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Tgt Ion:202 Resp: 75477
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 11.3 8.8 13.2

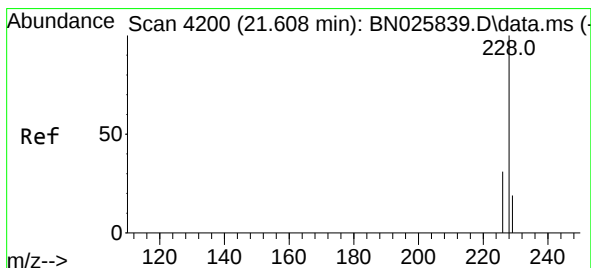
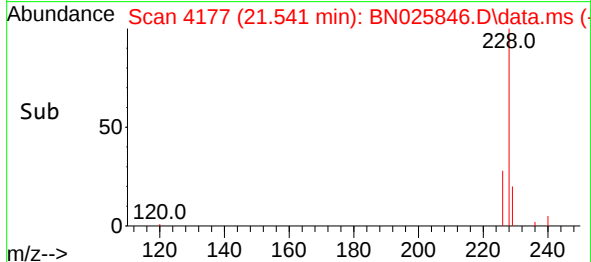
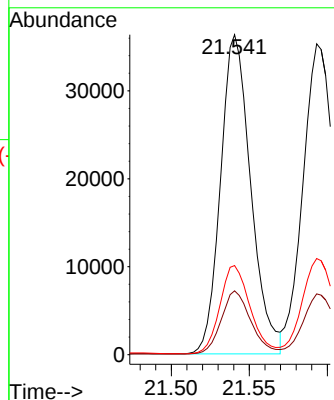
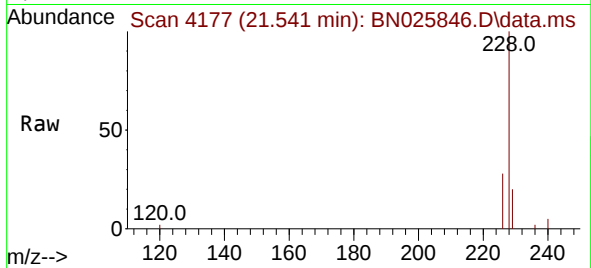




#21
Benzo(a)anthracene
Concen: 0.918 ng/ul
RT: 21.541 min Scan# 4181
Delta R.T. -0.012 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

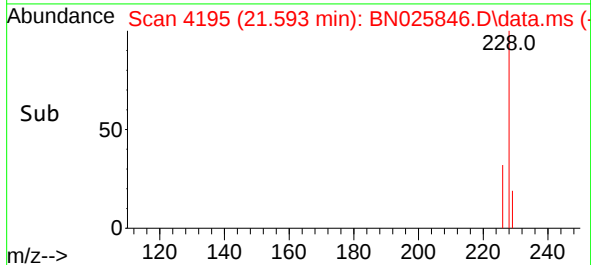
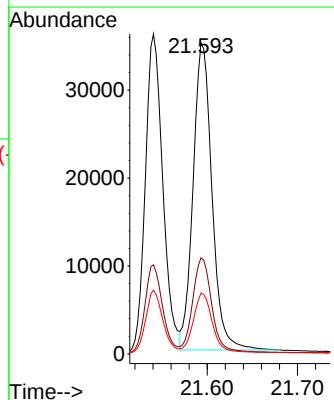
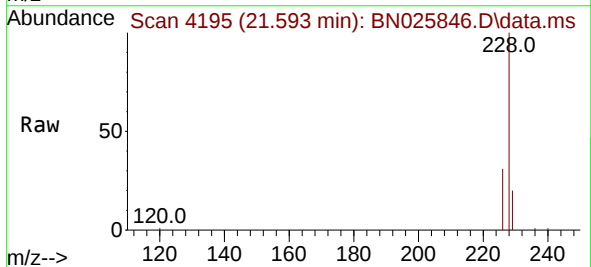
Instrument :
BNA_N
ClientSampleId :
SP6213

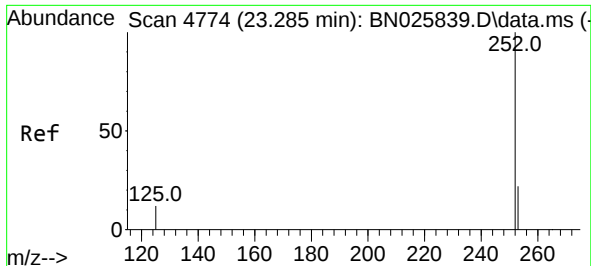
Tgt Ion:228 Resp: 49023
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.9 22.0 33.0



#22
Chrysene
Concen: 0.830 ng/ul
RT: 21.593 min Scan# 4195
Delta R.T. -0.015 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Tgt Ion:228 Resp: 50682
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 19.6 15.7 23.5

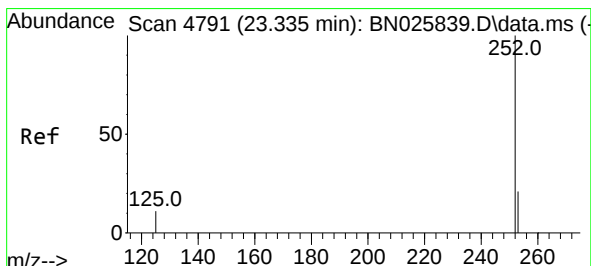
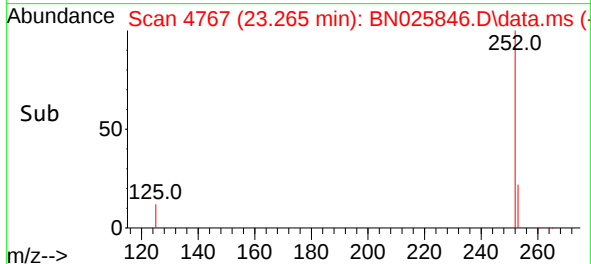
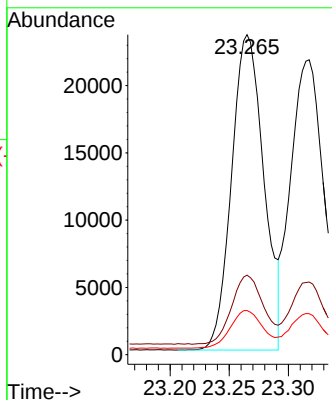
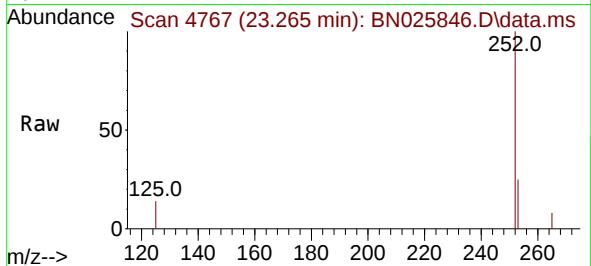




#24
Benzo(b)fluoranthene
Concen: 0.810 ng/ul
RT: 23.265 min Scan# 4767
Delta R.T. -0.020 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

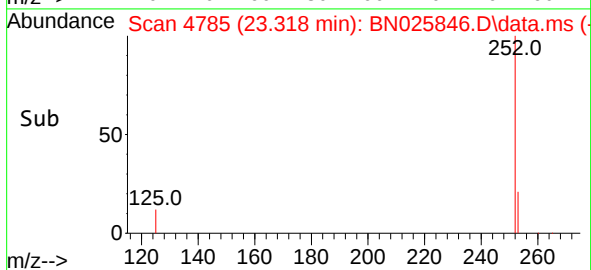
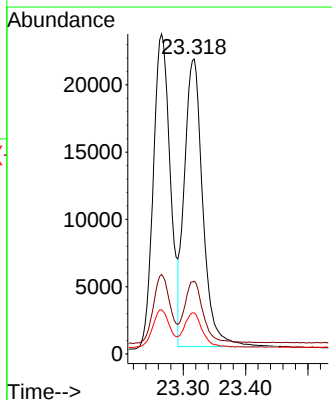
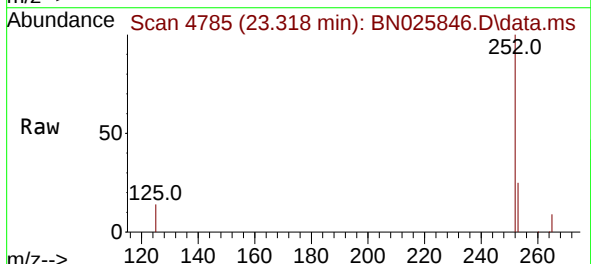
Instrument :
BNA_N
ClientSampleId :
SP6213

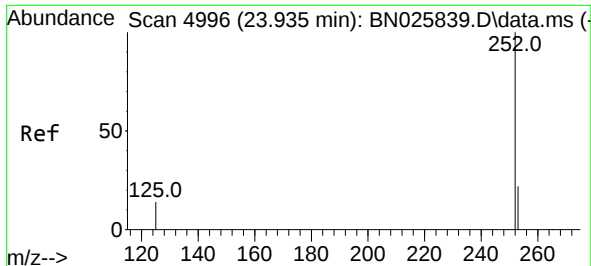
Tgt Ion:252 Resp: 44524
Ion Ratio Lower Upper
252 100
253 24.8 0.0 56.0
125 13.8 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.797 ng/ul
RT: 23.318 min Scan# 4785
Delta R.T. -0.017 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Tgt Ion:252 Resp: 43915
Ion Ratio Lower Upper
252 100
253 24.7 23.3 34.9
125 13.9 11.6 17.4

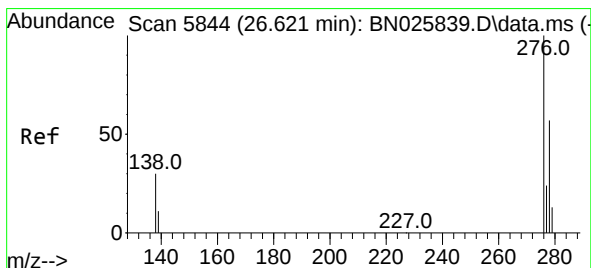
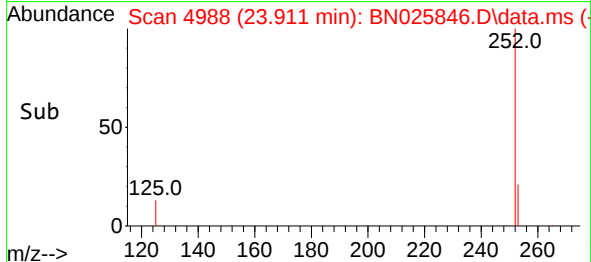
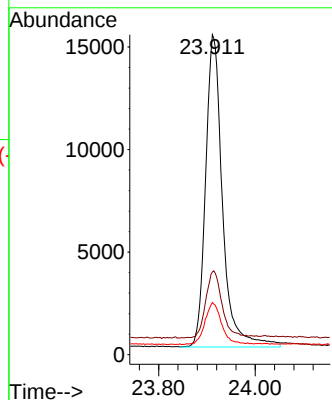
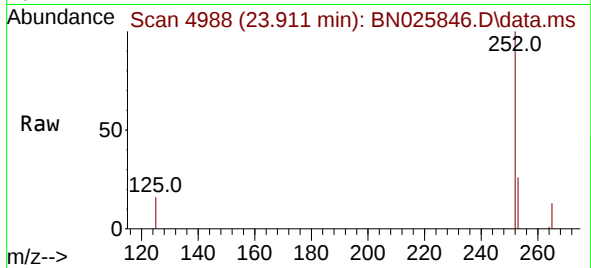




#26
Benzo(a)pyrene
Concen: 0.796 ng/ul
RT: 23.911 min Scan# 4996
Delta R.T. -0.023 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

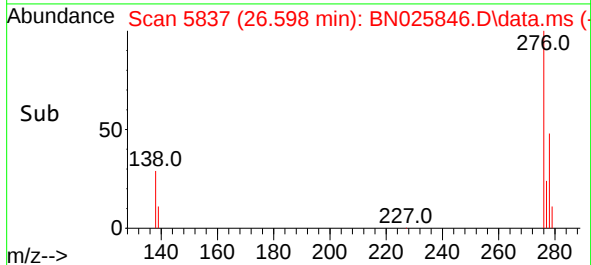
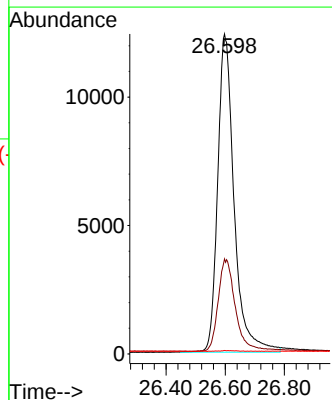
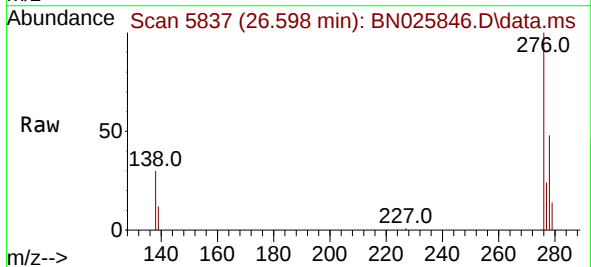
Instrument :
BNA_N
ClientSampleId :
SP6213

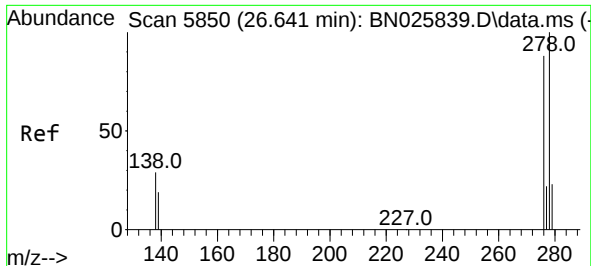
Tgt Ion:	252	Resp:	37088
Ion Ratio	Lower	Upper	
252	100		
253	25.9	25.8	38.8
125	16.3	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.897 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. -0.023 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Tgt Ion:	276	Resp:	47661
Ion Ratio	Lower	Upper	
276	100		
138	30.4	24.6	36.8
227	0.1	0.0	0.0

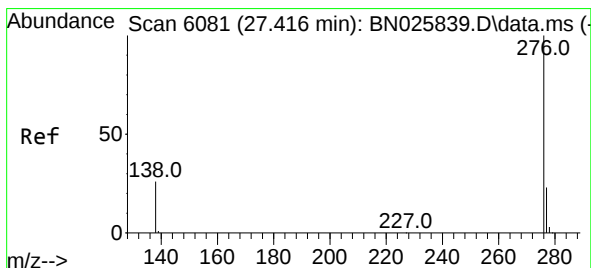
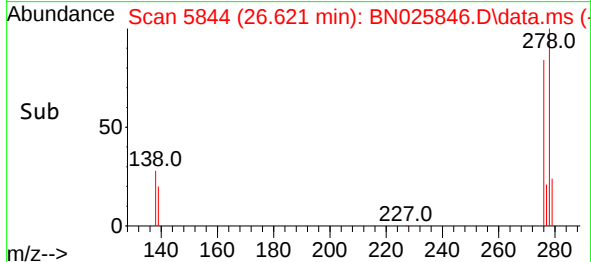
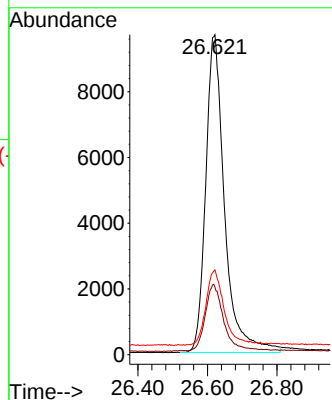
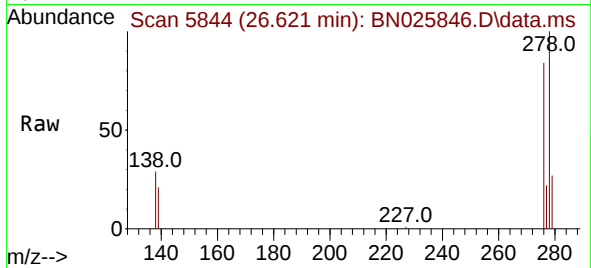




#28
Dibenzo(a,h)anthracene
Concen: 0.905 ng/ul
RT: 26.621 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Instrument :
BNA_N
ClientSampleId :
SP6213

Tgt Ion:278 Resp: 36383
Ion Ratio Lower Upper
278 100
139 21.1 17.9 26.9
279 26.5 25.3 37.9



#29
Benzo(g,h,i)perylene
Concen: 0.845 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. -0.023 min
Lab File: BN025846.D
Acq: 14 Jun 2023 17:17

Tgt Ion:276 Resp: 40248
Ion Ratio Lower Upper
276 100
138 28.0 21.8 32.8
277 24.3 19.4 29.2

