

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030265.D
 Acq On : 04 Mar 2024 21:10
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4357

Quant Time: Mar 04 22:48:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

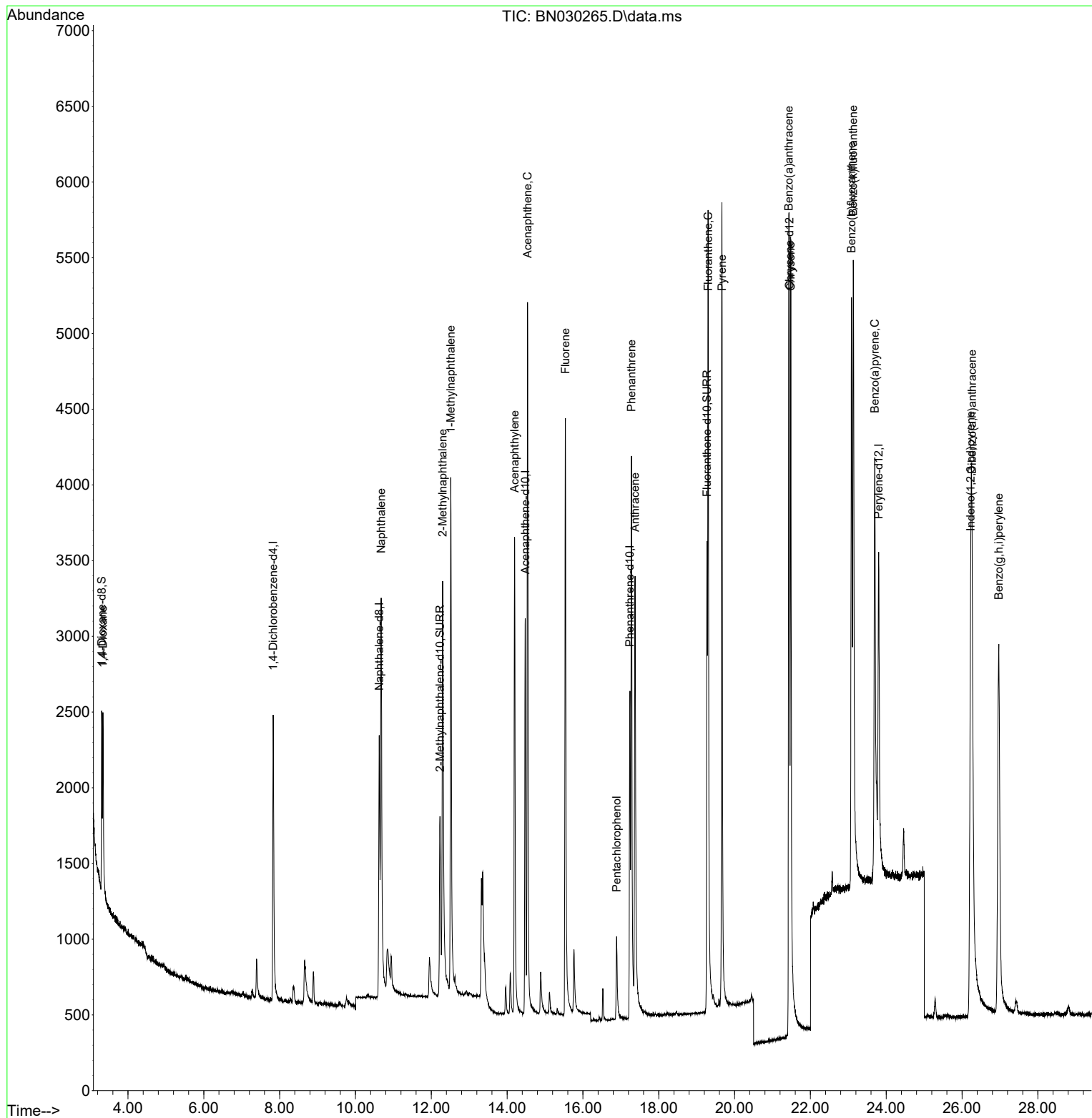
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	1272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	3452	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.479	164	1708	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	3328	0.400	ng/ul #	0.00
17) Chrysene-d12	21.444	240	2909	0.400	ng/ul #	0.00
23) Perylene-d12	23.803	264	3370	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	908	0.516	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	2240	0.502	ng/ul	0.00
18) Fluoranthene-d10	19.272	212	4356	0.460	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	906	0.474	ng/ul	96
5) Naphthalene	10.678	128	4727	0.464	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	2744	0.497	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	2827	0.483	ng/ul	99
10) Acenaphthylene	14.196	152	4439	0.465	ng/ul	100
11) Acenaphthene	14.539	153	3222	0.460	ng/ul	98
12) Fluorene	15.538	166	3384	0.474	ng/ul	100
14) Pentachlorophenol	16.888	266	515	0.542	ng/ul	96
15) Phenanthrene	17.281	178	5007	0.449	ng/ul	99
16) Anthracene	17.374	178	4612	0.470	ng/ul	98
19) Fluoranthene	19.304	202	5707	0.442	ng/ul#	95
20) Pyrene	19.667	202	6063	0.432	ng/ul#	94
21) Benzo(a)anthracene	21.429	228	5028	0.489	ng/ul	98
22) Chrysene	21.482	228	5535	0.448	ng/ul	99
24) Benzo(b)fluoranthene	23.084	252	5807	0.447	ng/ul	93
25) Benzo(k)fluoranthene	23.130	252	6792	0.443	ng/ul	95
26) Benzo(a)pyrene	23.698	252	5886	0.445	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.225	276	7616	0.451	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.262	278	6078	0.465	ng/ul	93
29) Benzo(g,h,i)perylene	26.970	276	6680	0.426	ng/ul#	94

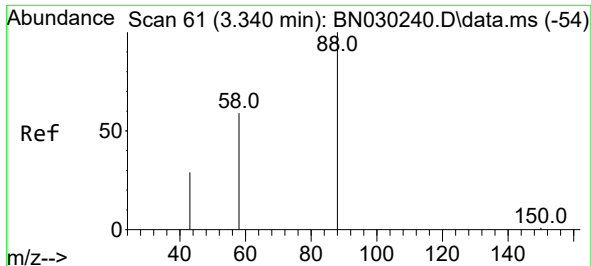
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030265.D
Acq On : 04 Mar 2024 21:10
Operator : MA/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

Quant Time: Mar 04 22:48:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 05:54:20 2024
Response via : Initial Calibration

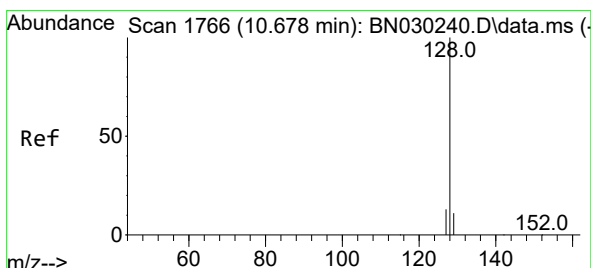
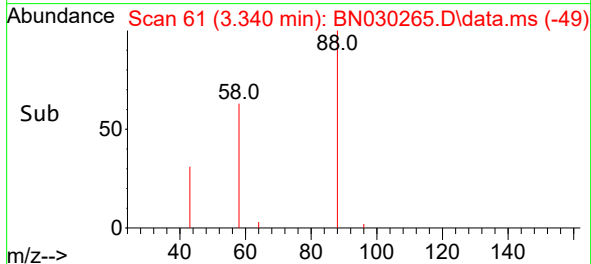
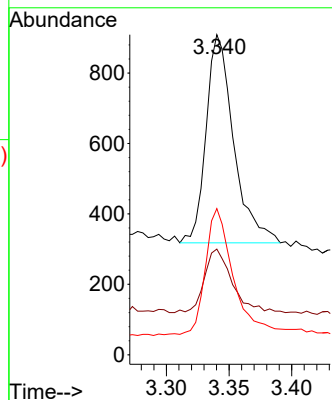
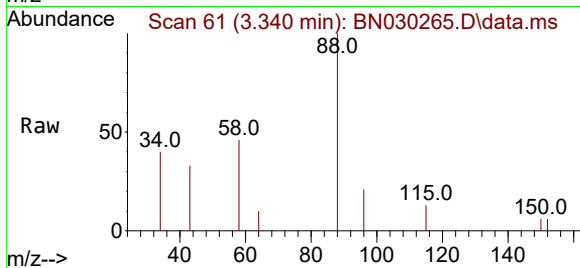




#2
1,4-Dioxane
Concen: 0.474 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

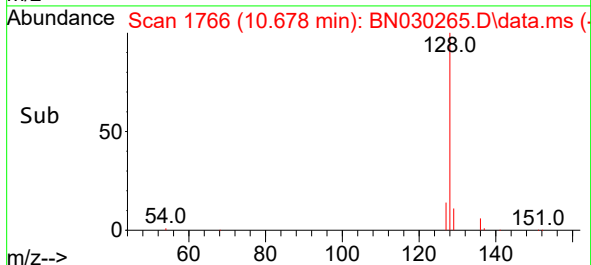
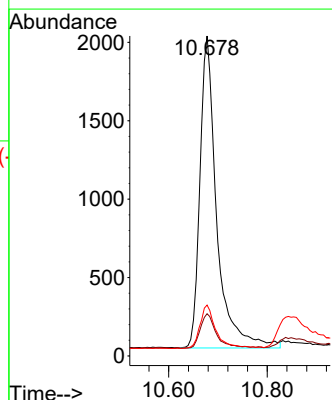
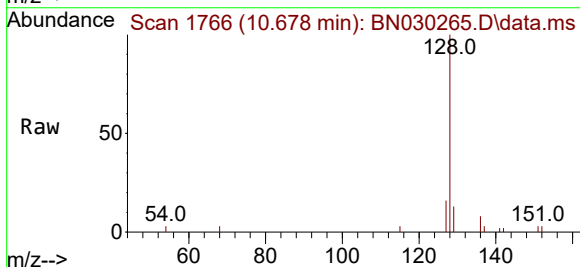
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

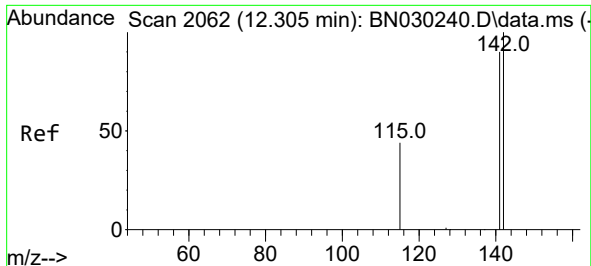
Tgt Ion: 88	Resp:	906
Ion	Ratio	Lower Upper
88	100	
43	33.0	25.7 38.5
58	45.7	33.8 50.8



#5
Naphthalene
Concen: 0.464 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

Tgt Ion: 128	Resp:	4727
Ion	Ratio	Lower Upper
128	100	
129	13.2	11.0 16.4
127	15.9	12.3 18.5

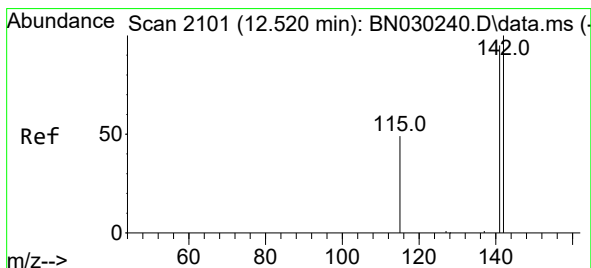
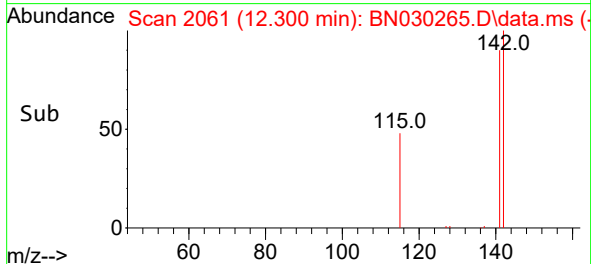
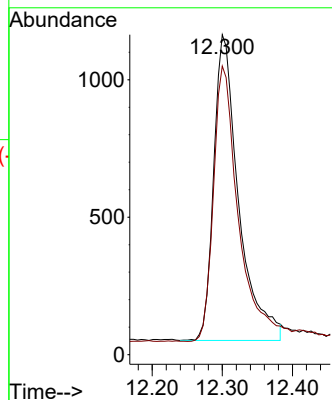
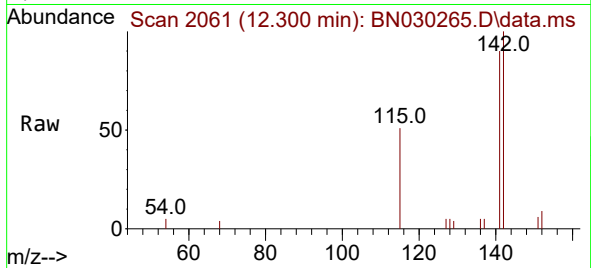




#7
2-Methylnaphthalene
Concen: 0.497 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

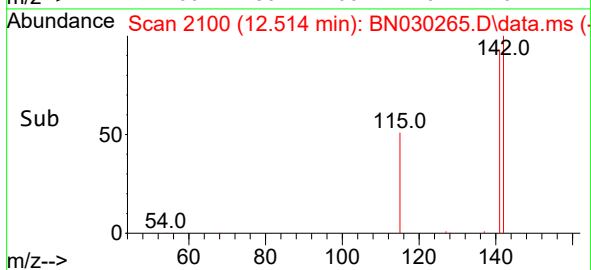
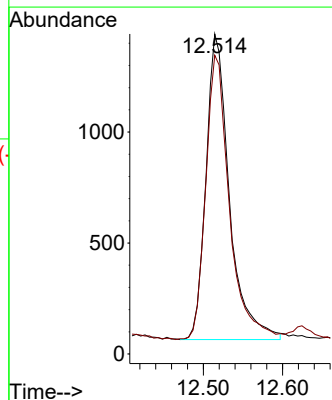
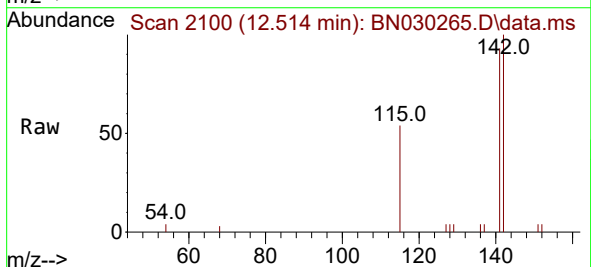
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

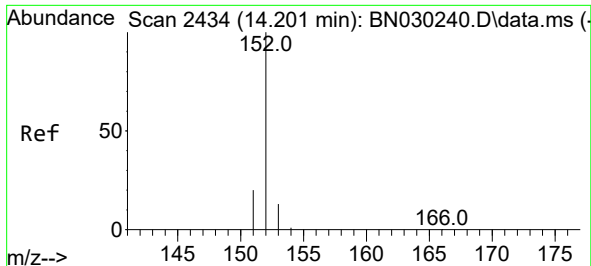
Tgt Ion:142 Resp: 2744
Ion Ratio Lower Upper
142 100
141 90.5 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.483 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

Tgt Ion:142 Resp: 2827
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.2

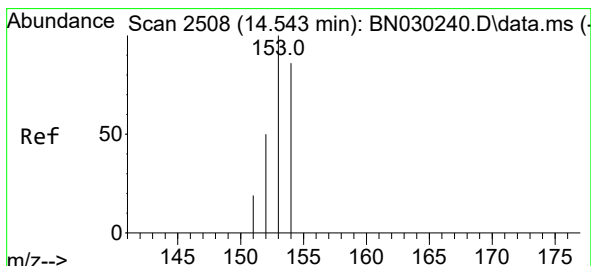
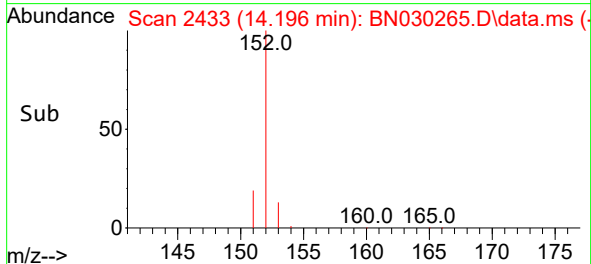
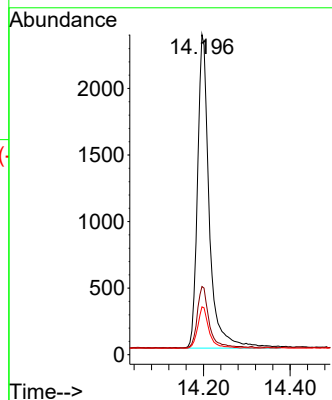
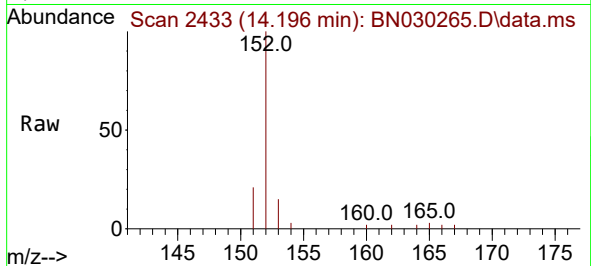




#10
Acenaphthylene
Concen: 0.465 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

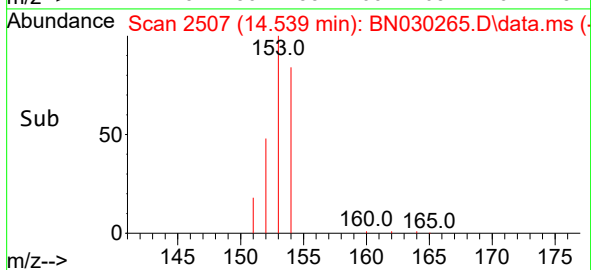
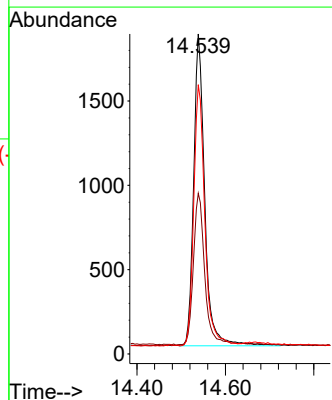
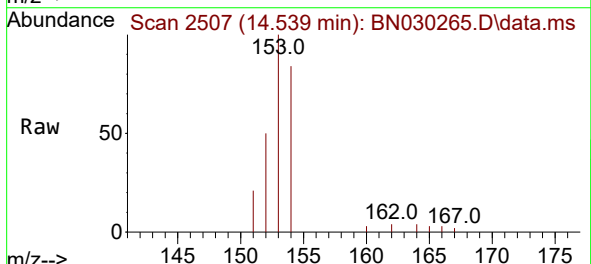
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

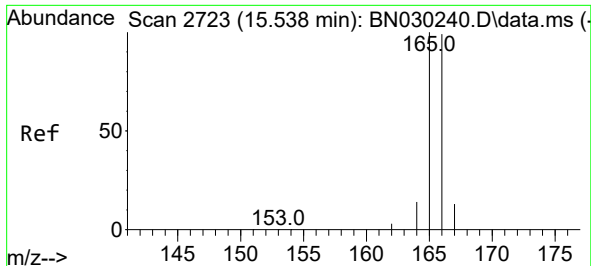
Tgt Ion:152 Resp: 4439
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.9 11.8 17.6



#11
Acenaphthene
Concen: 0.460 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

Tgt Ion:153 Resp: 3222
Ion Ratio Lower Upper
153 100
152 50.2 43.2 64.8
154 84.1 67.5 101.3

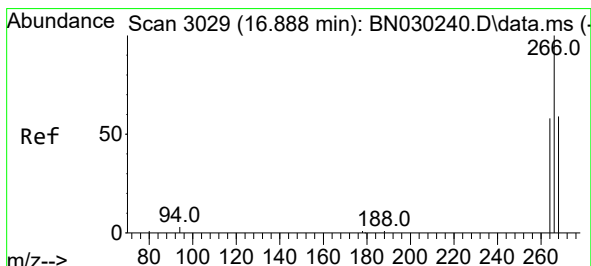
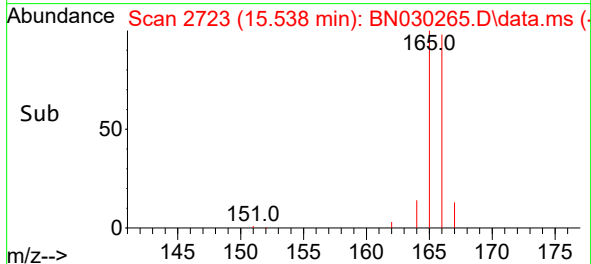
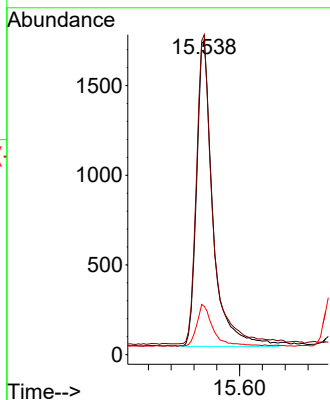
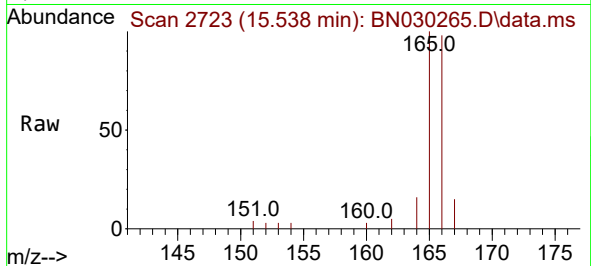




#12
Fluorene
Concen: 0.474 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

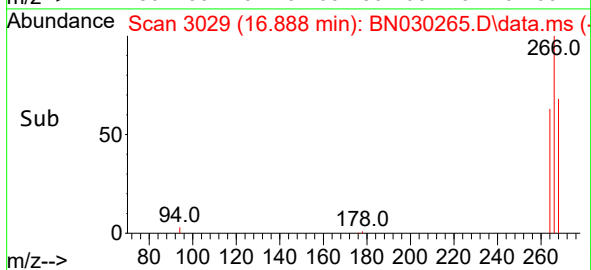
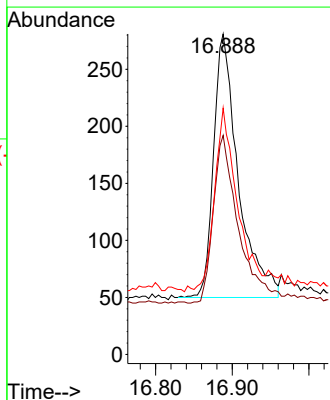
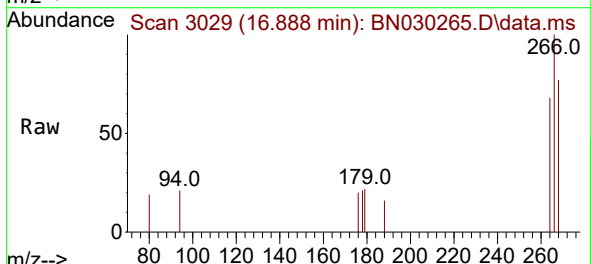
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

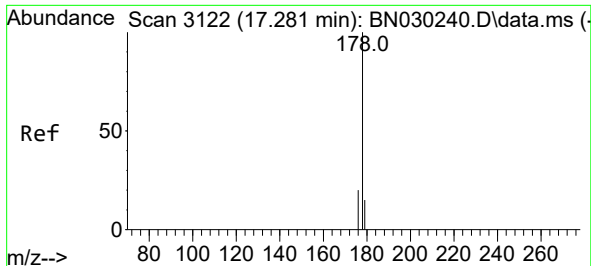
Tgt Ion:166 Resp: 3384
Ion Ratio Lower Upper
166 100
165 102.1 81.8 122.6
167 15.4 13.0 19.4



#14
Pentachlorophenol
Concen: 0.542 ng/ul
RT: 16.888 min Scan# 3029
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

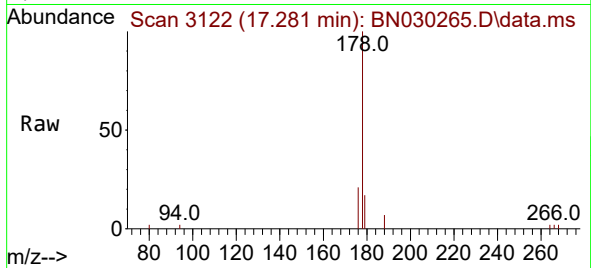
Tgt Ion:266 Resp: 515
Ion Ratio Lower Upper
266 100
264 65.6 49.8 74.8
268 69.5 53.4 80.2



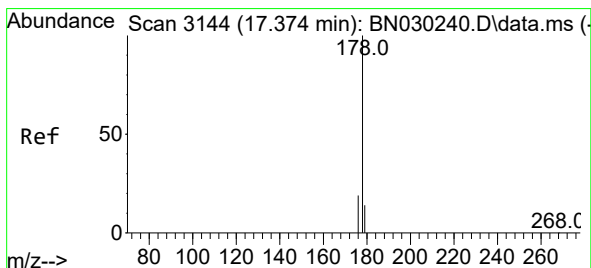
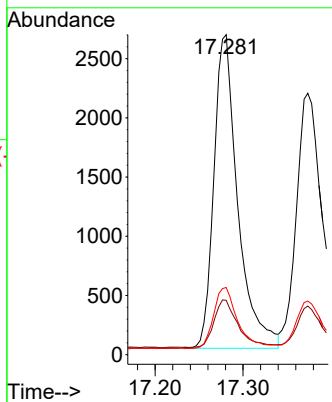
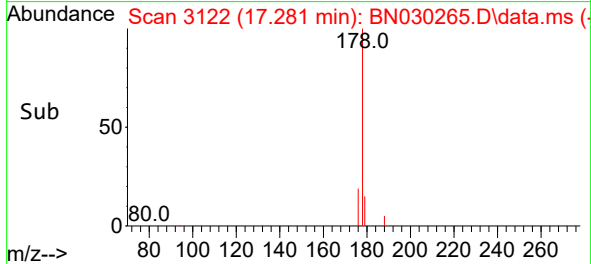


#15
Phenanthrene
Concen: 0.449 ng/ul
RT: 17.281 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

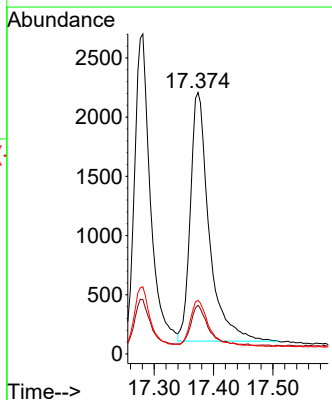
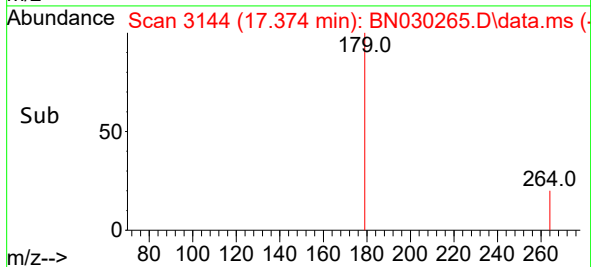
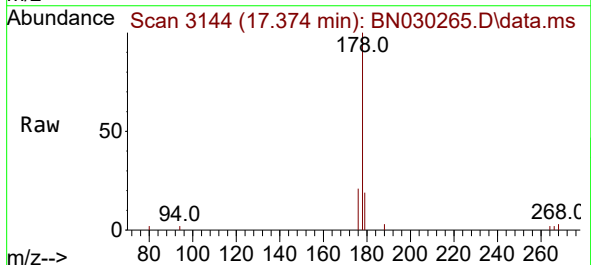


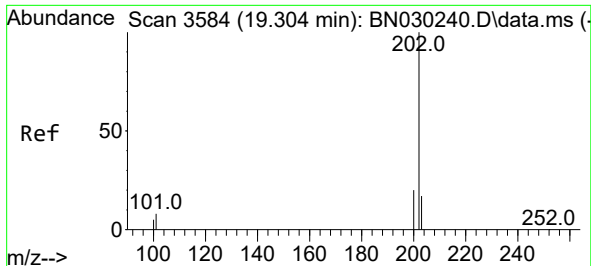
Tgt Ion:178 Resp: 5007
Ion Ratio Lower Upper
178 100
179 17.0 13.8 20.8
176 21.0 16.6 25.0



#16
Anthracene
Concen: 0.470 ng/ul
RT: 17.374 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

Tgt Ion:178 Resp: 4612
Ion Ratio Lower Upper
178 100
179 18.6 14.8 22.2
176 20.5 17.8 26.6

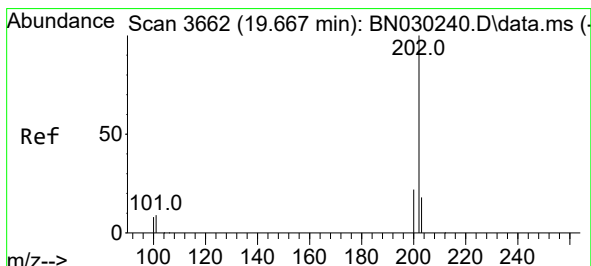
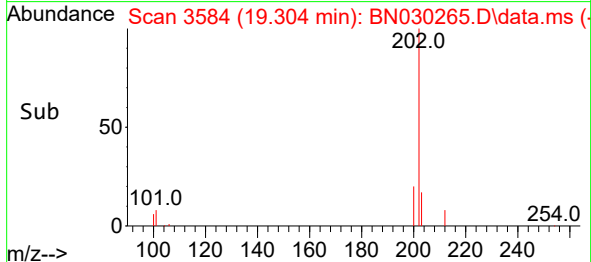
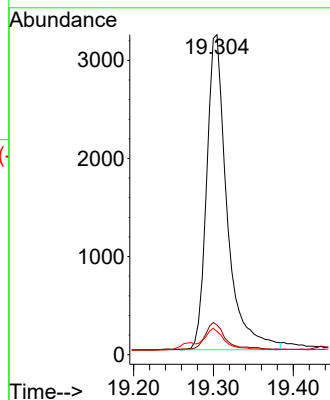
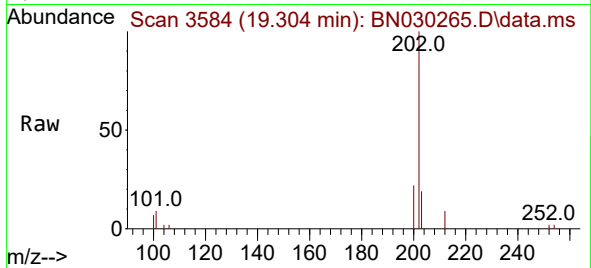




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.304 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

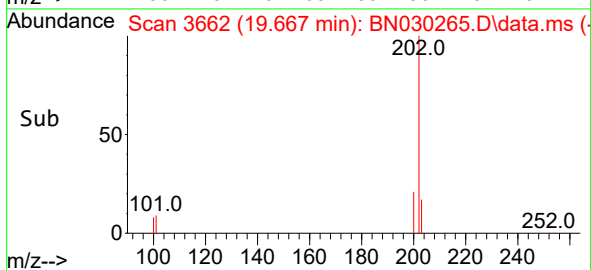
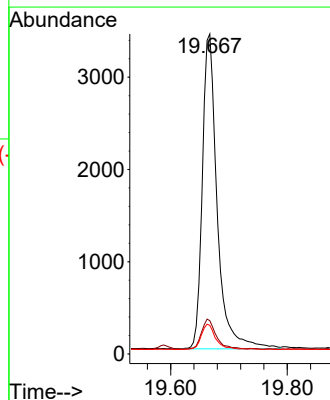
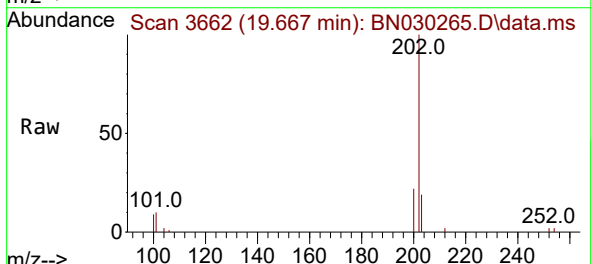
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

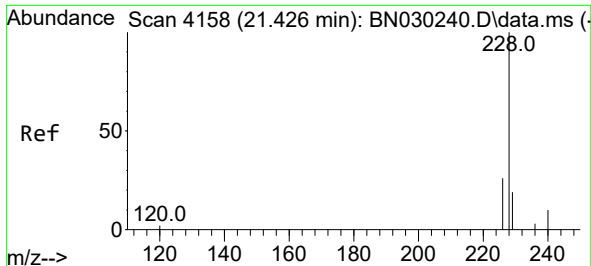
Tgt Ion:202 Resp: 5707
Ion Ratio Lower Upper
202 100
101 9.2 8.8 13.2
100 7.3 7.4 11.2#



#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.667 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

Tgt Ion:202 Resp: 6063
Ion Ratio Lower Upper
202 100
101 10.4 10.6 15.8#
100 9.0 8.8 13.2

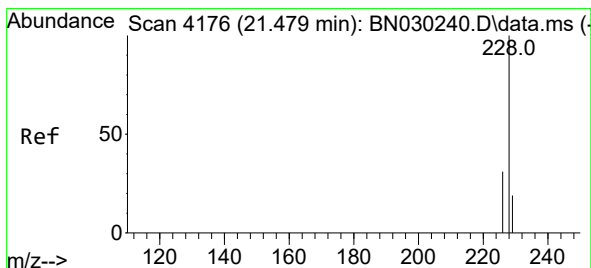
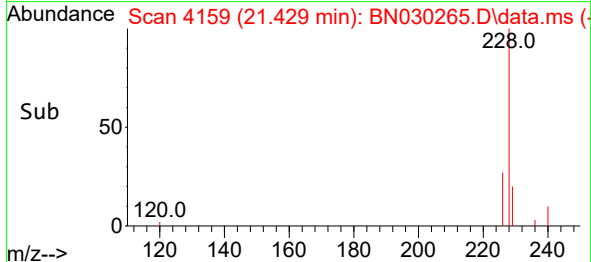
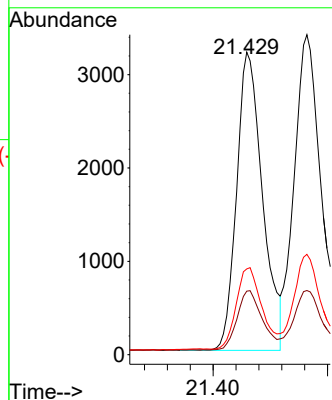
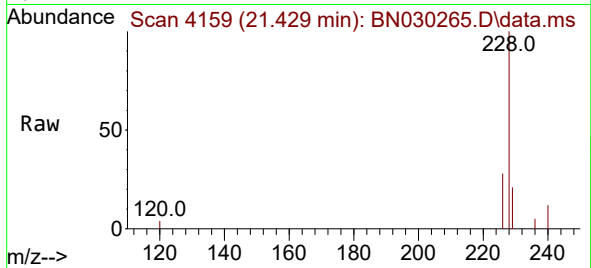




#21
Benzo(a)anthracene
Concen: 0.489 ng/ul
RT: 21.429 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

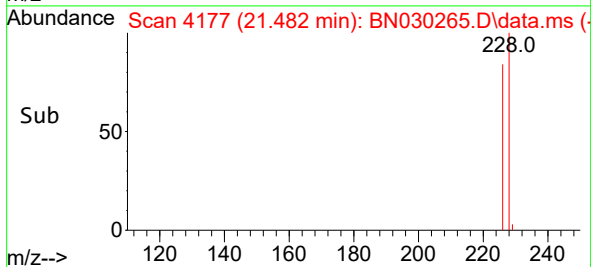
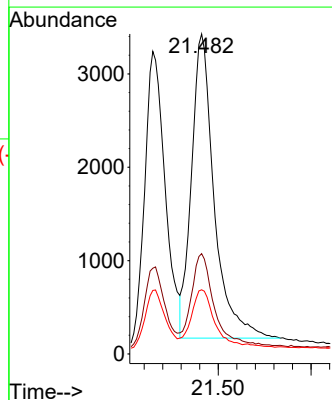
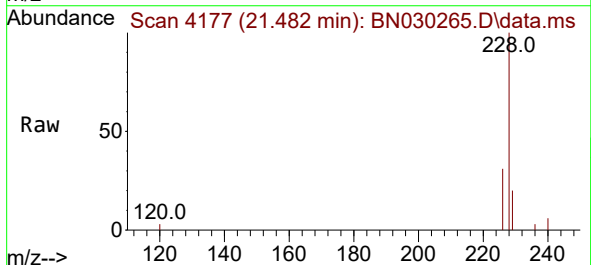
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

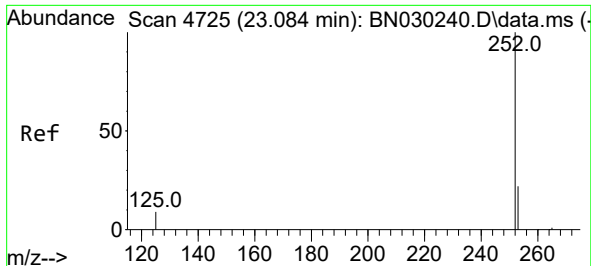
Tgt Ion:228 Resp: 5028
Ion Ratio Lower Upper
228 100
229 21.0 16.6 24.8
226 28.3 23.7 35.5



#22
Chrysene
Concen: 0.448 ng/ul
RT: 21.482 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

Tgt Ion:228 Resp: 5535
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 20.0 16.6 24.8

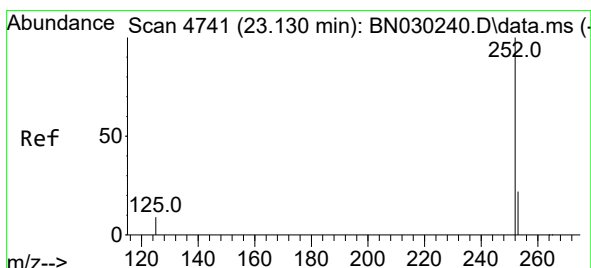
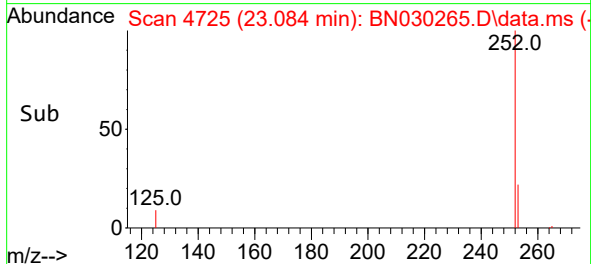
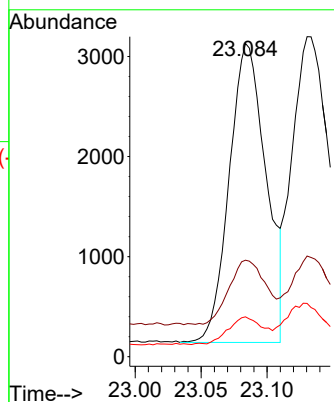
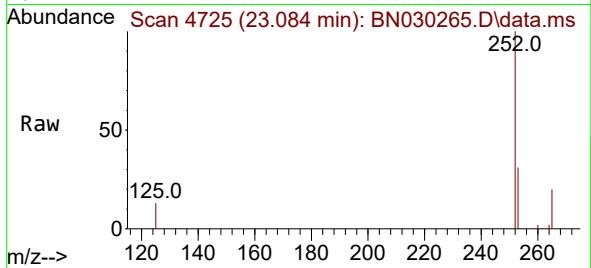




#24
Benzo(b)fluoranthene
Concen: 0.447 ng/ul
RT: 23.084 min Scan# 4725
Delta R.T. 0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

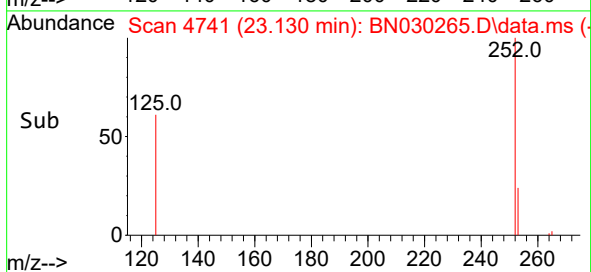
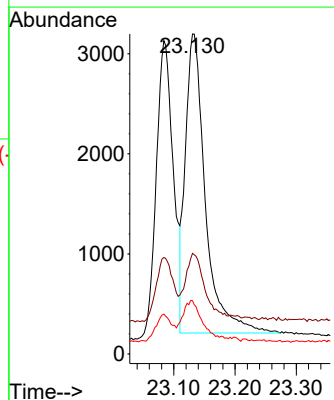
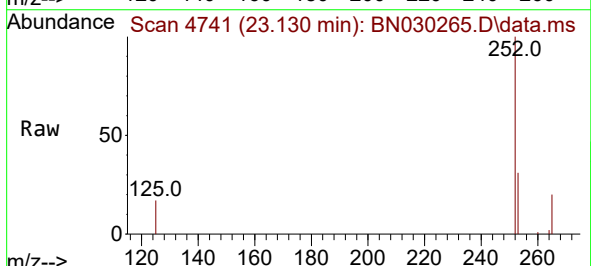
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

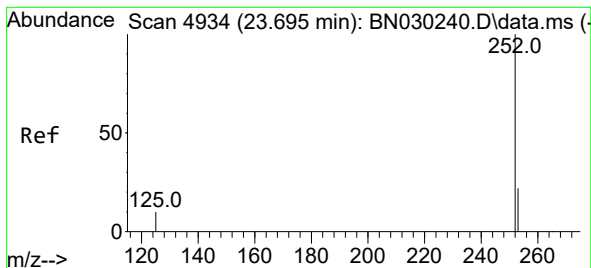
Tgt Ion:252 Resp: 5807
Ion Ratio Lower Upper
252 100
253 30.8 0.0 69.4
125 12.7 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.443 ng/ul
RT: 23.130 min Scan# 4741
Delta R.T. -0.000 min
Lab File: BN030265.D
Acq: 04 Mar 2024 21:10

Tgt Ion:252 Resp: 6792
Ion Ratio Lower Upper
252 100
253 31.4 28.0 42.0
125 16.6 14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.445 ng/ul

RT: 23.698 min Scan# 4935

Delta R.T. 0.003 min

Lab File: BN030265.D

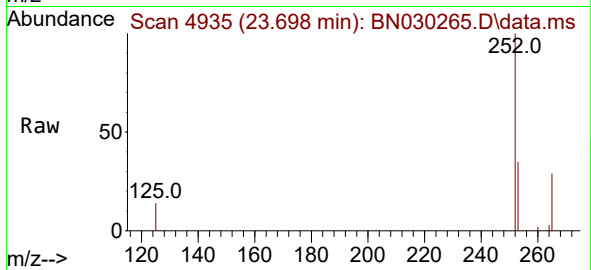
Acq: 04 Mar 2024 21:10

Instrument :

BN030265.D

ClientSampleId :

SSTD0.4357



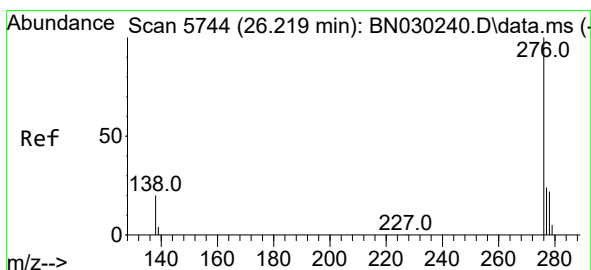
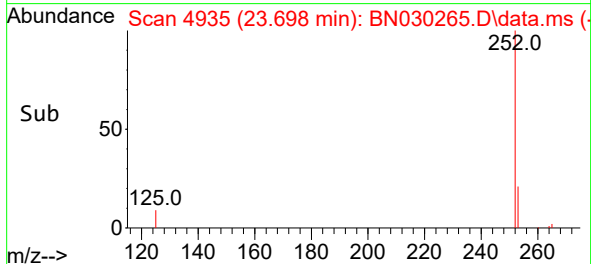
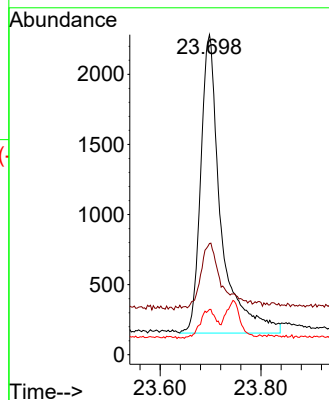
Tgt Ion:252 Resp: 5886

Ion Ratio Lower Upper

252 100

253 34.8 33.0 49.4

125 14.2 16.9 25.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.451 ng/ul

RT: 26.225 min Scan# 5746

Delta R.T. 0.007 min

Lab File: BN030265.D

Acq: 04 Mar 2024 21:10

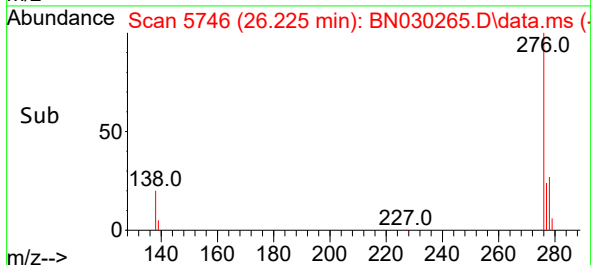
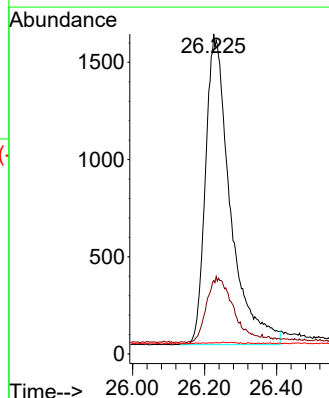
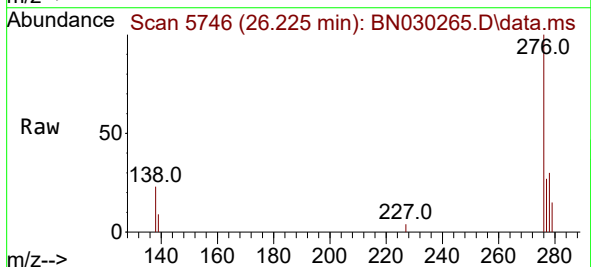
Tgt Ion:276 Resp: 7616

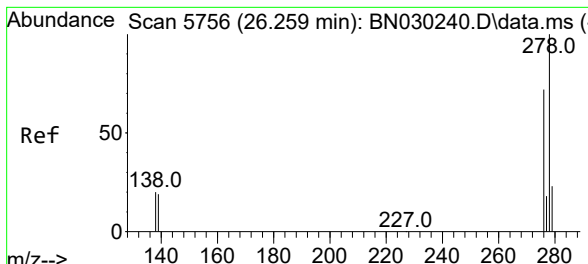
Ion Ratio Lower Upper

276 100

138 23.8 20.9 31.3

227 0.1 0.1 0.1#



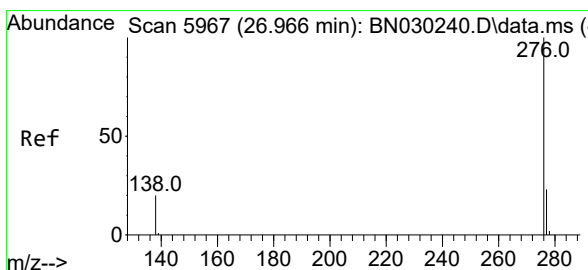
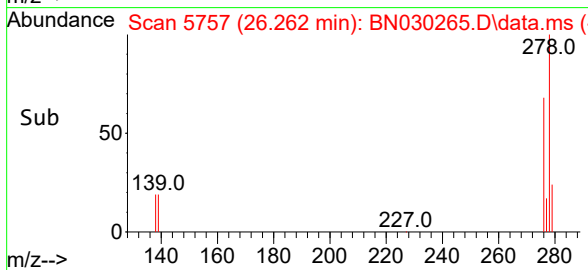
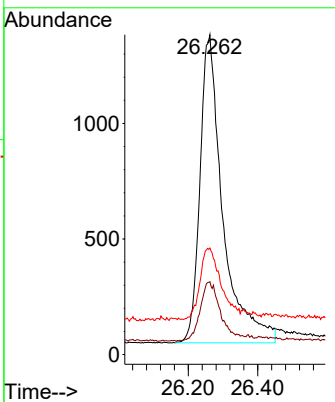
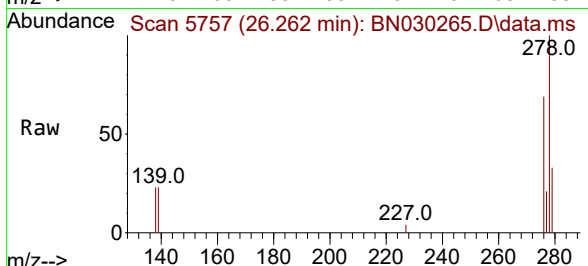


#28
 Dibenzo(a,h)anthracene
 Concen: 0.465 ng/ul
 RT: 26.262 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BN030265.D
 Acq: 04 Mar 2024 21:10

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4357

Tgt Ion:278 Resp: 6078

Ion	Ratio	Lower	Upper
278	100		
139	22.8	18.9	28.3
279	33.3	31.8	47.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.426 ng/ul
 RT: 26.970 min Scan# 5968
 Delta R.T. 0.003 min
 Lab File: BN030265.D
 Acq: 04 Mar 2024 21:10

Tgt Ion:276 Resp: 6680

Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.6	33.8#
277	26.6	21.9	32.9

