

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032443.D
 Acq On : 03 Jul 2024 19:23
 Operator : MA/JU
 Sample : P2963-24MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3MSD

Quant Time: Jul 03 23:49:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

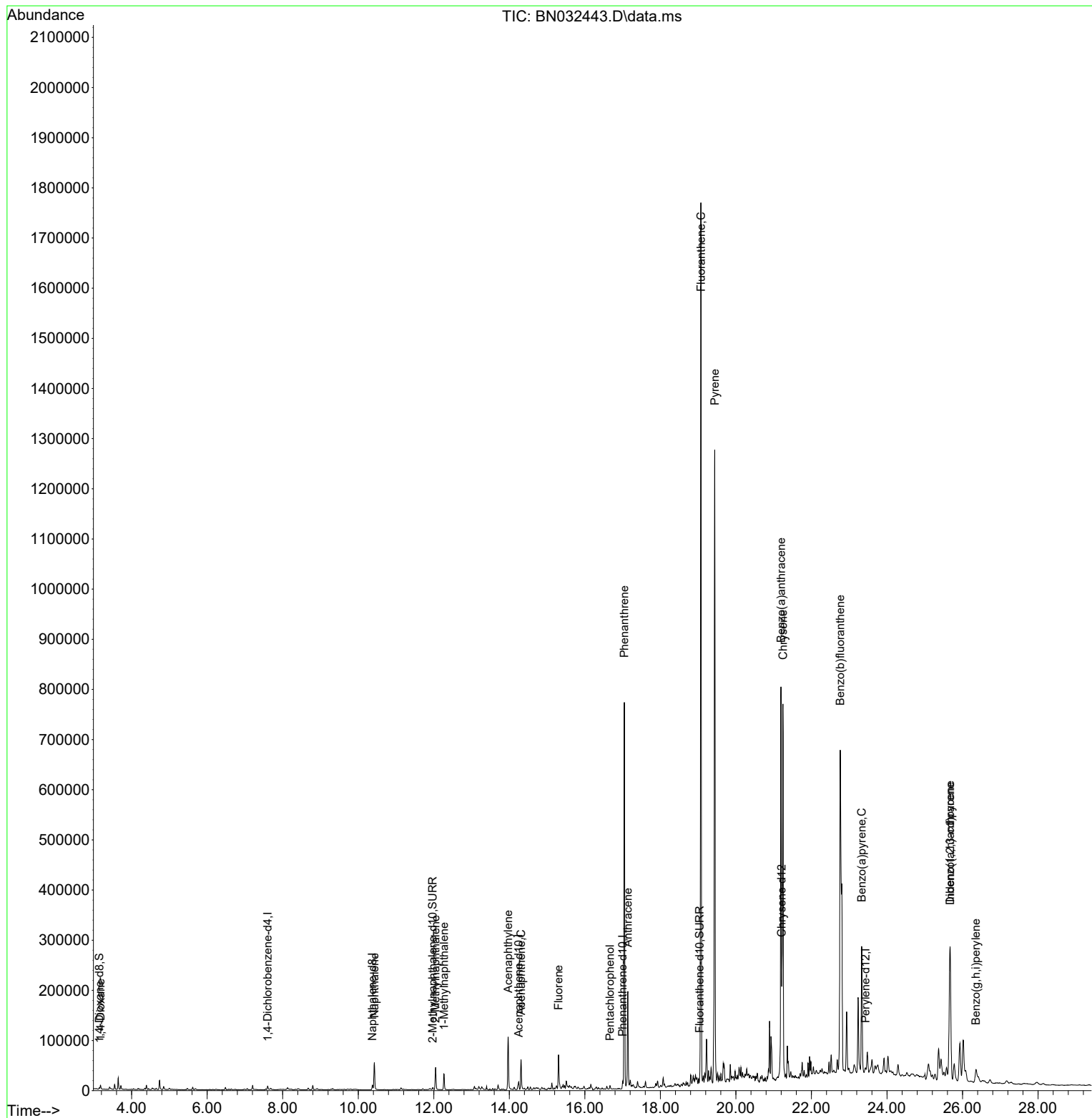
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	4097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	13378	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.249	164	8589	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	18587	0.400	ng/ul #	0.00
17) Chrysene-d12	21.212	240	12239	0.400	ng/ul #	0.00
23) Perylene-d12	23.430	264	17392	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2189	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6423	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	15261	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	6098	1.176	ng/ul#	82
5) Naphthalene	10.426	128	77180	2.180	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	33929	1.446	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	23031	0.946	ng/ul	99
10) Acenaphthylene	13.971	152	136854	3.831	ng/ul	100
11) Acenaphthene	14.309	153	35896	1.295	ng/ul	98
12) Fluorene	15.303	166	47645	1.442	ng/ul	99
14) Pentachlorophenol	16.666	266	5247	1.248	ng/ul	99
15) Phenanthrene	17.046	178	804181	15.781	ng/ul	99
16) Anthracene	17.138	178	206151	4.536	ng/ul	99
19) Fluoranthene	19.073	202	1486392	31.893	ng/ul	99
20) Pyrene	19.440	202	1106748	22.724	ng/ul	98
21) Benzo(a)anthracene	21.194	228	680342	15.401	ng/ul	96
22) Chrysene	21.247	228	777764	16.041	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	1364418	18.057	ng/ul	95
26) Benzo(a)pyrene	23.330	252	353302	6.720	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.670	276	383755	4.662	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.673	278	158821	2.597	ng/ul#	80
29) Benzo(g,h,i)perylene	26.357	276	55193	0.842	ng/ul#	81

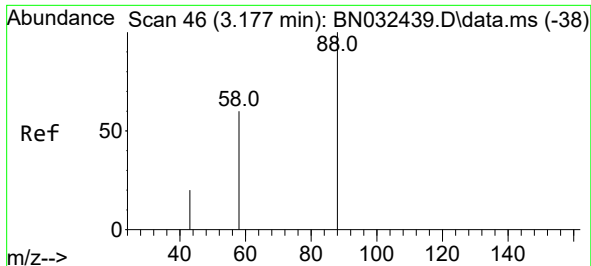
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032443.D
Acq On : 03 Jul 2024 19:23
Operator : MA/JU
Sample : P2963-24MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3MSD

Quant Time: Jul 03 23:49:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

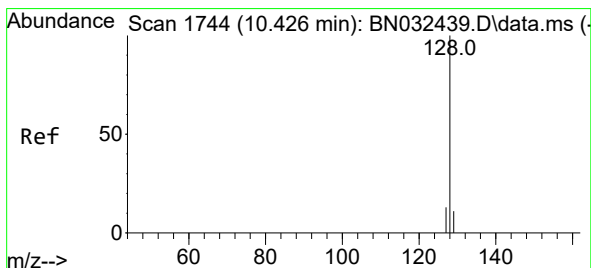
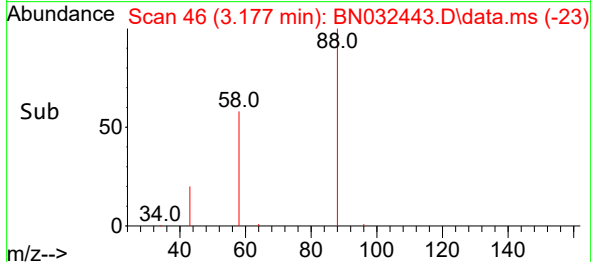
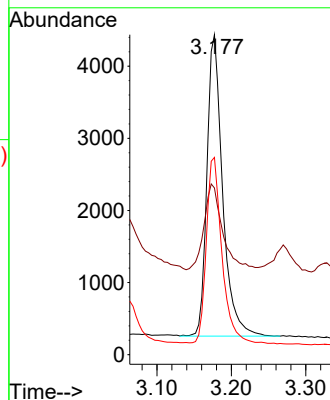
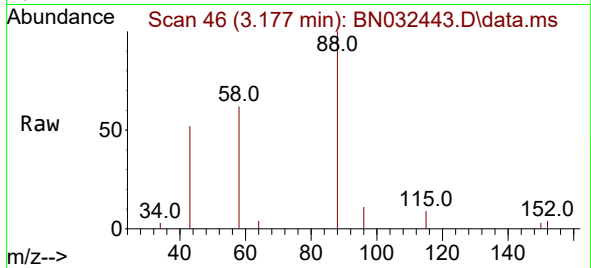




#2
1,4-Dioxane
Concen: 1.176 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. -0.004 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

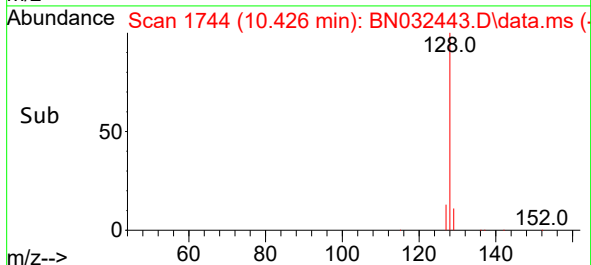
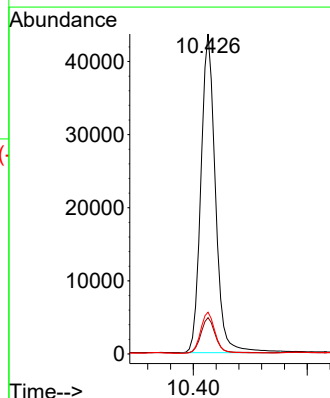
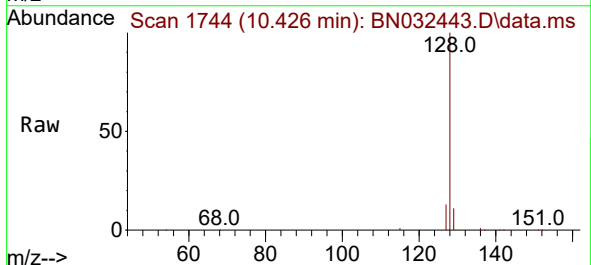
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD

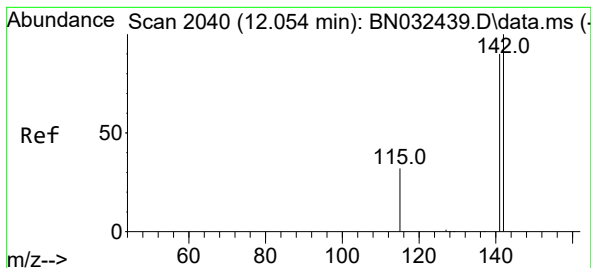
Tgt Ion: 88 Resp: 6098
Ion Ratio Lower Upper
88 100
43 52.1 28.4 42.6#
58 61.6 43.3 64.9



#5
Naphthalene
Concen: 2.180 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

Tgt Ion:128 Resp: 77180
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.1 10.8 16.2





#7

2-Methylnaphthalene

Concen: 1.446 ng/ul

RT: 12.048 min Scan# 2039

Delta R.T. -0.005 min

Lab File: BN032443.D

Acq: 03 Jul 2024 19:23

Instrument :

BNA_N

ClientSampleId :

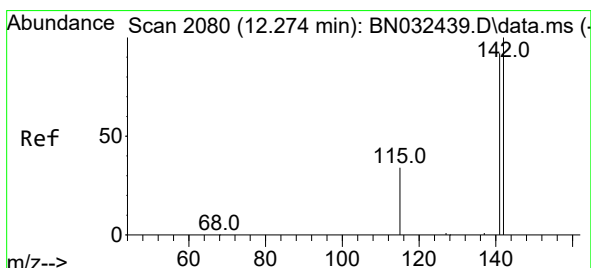
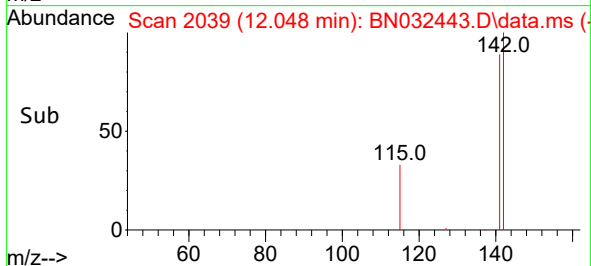
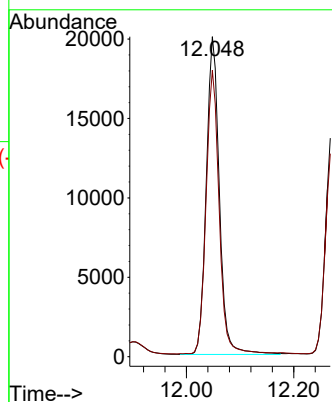
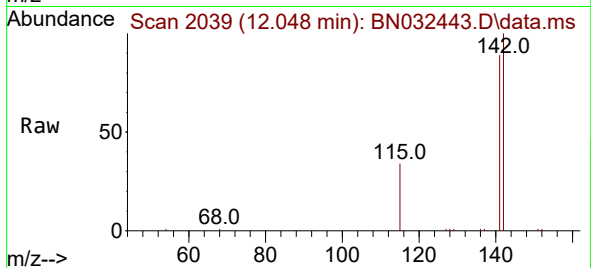
A4CS3MSD

Tgt Ion:142 Resp: 33929

Ion Ratio Lower Upper

142 100

141 89.2 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.946 ng/ul

RT: 12.274 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BN032443.D

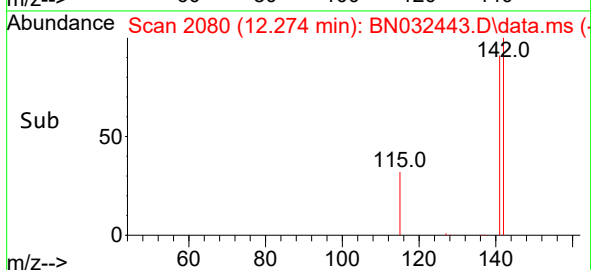
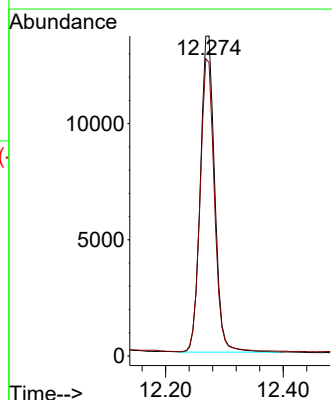
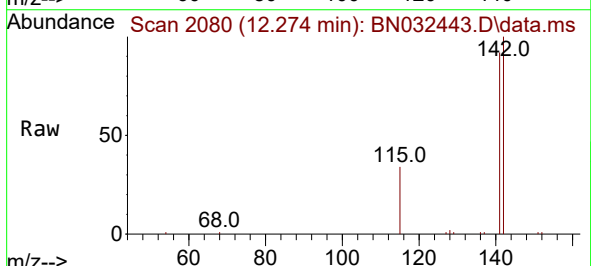
Acq: 03 Jul 2024 19:23

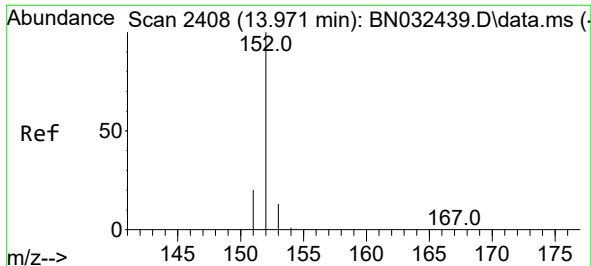
Tgt Ion:142 Resp: 23031

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.0

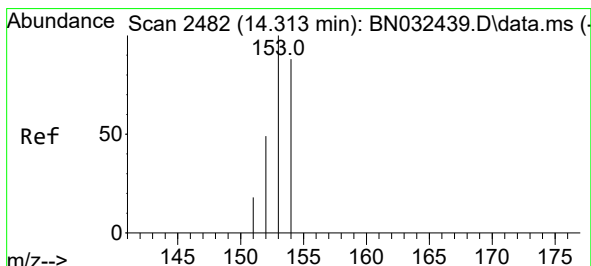
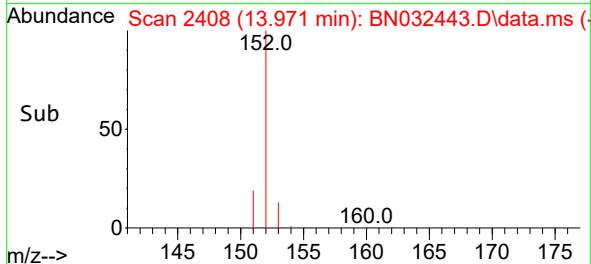
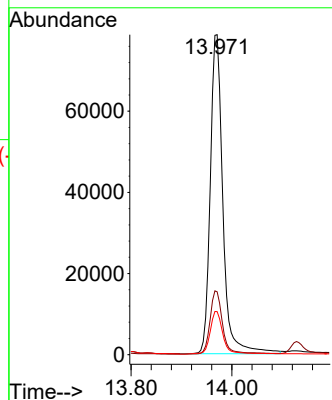
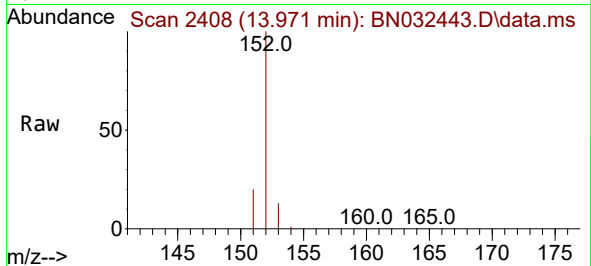




#10
Acenaphthylene
Concen: 3.831 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

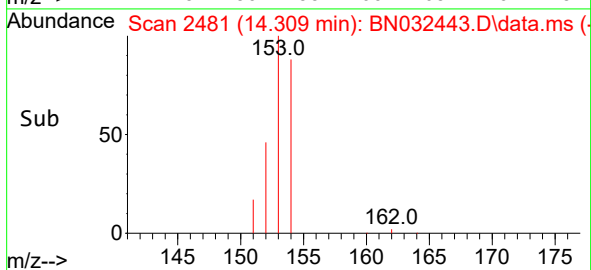
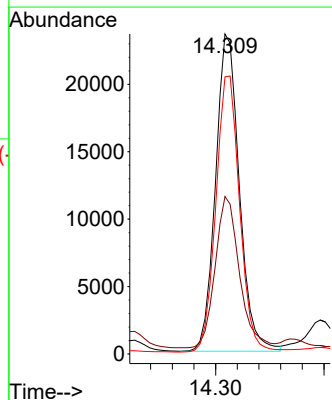
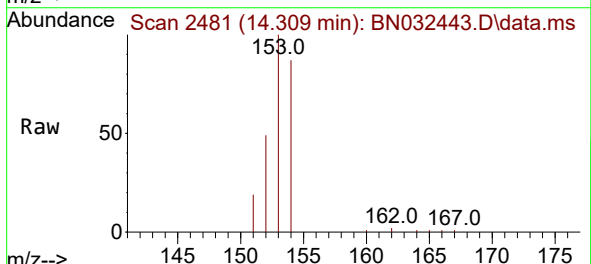
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD

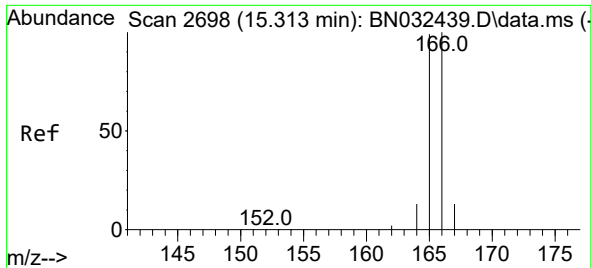
Tgt Ion:152 Resp: 136854
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 1.295 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

Tgt Ion:153 Resp: 35896
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 86.6 71.7 107.5

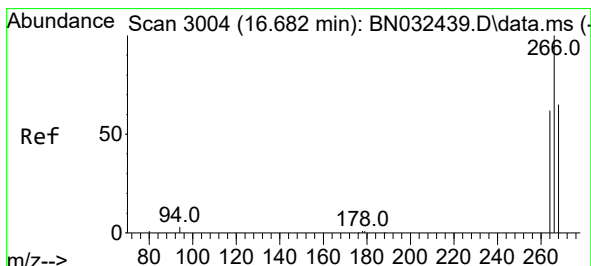
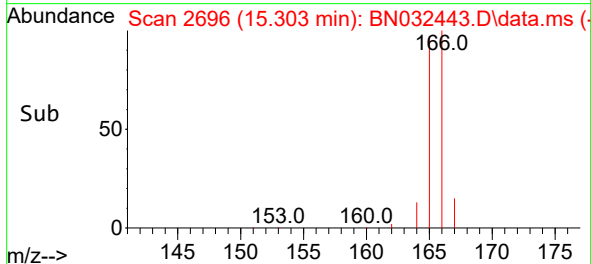
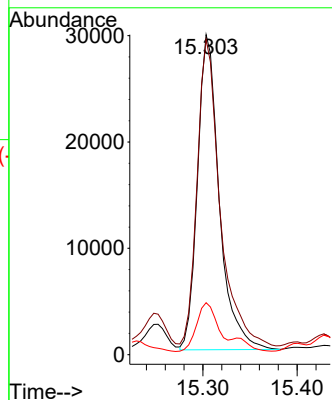
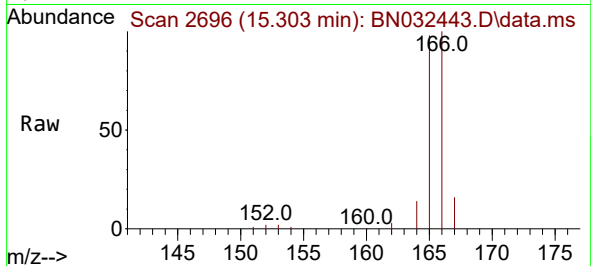




#12
 Fluorene
 Concen: 1.442 ng/ul
 RT: 15.303 min Scan# 2000
 Delta R.T. -0.009 min
 Lab File: BN032443.D
 Acq: 03 Jul 2024 19:23

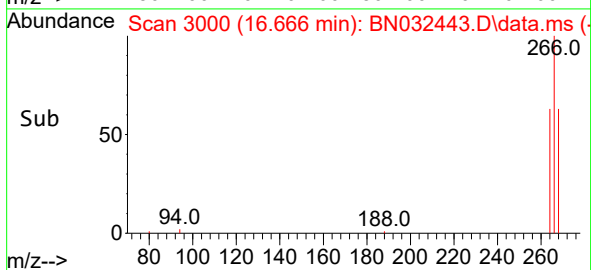
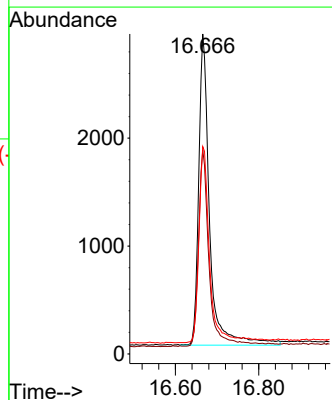
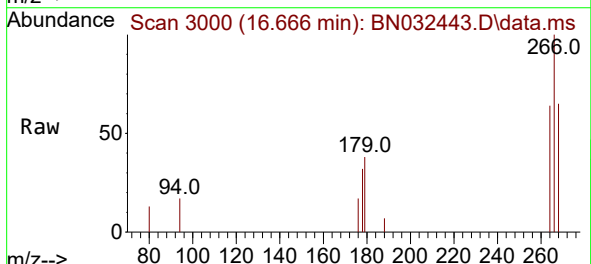
Instrument :
 BNA_N
 ClientSampleId :
 A4CS3MSD

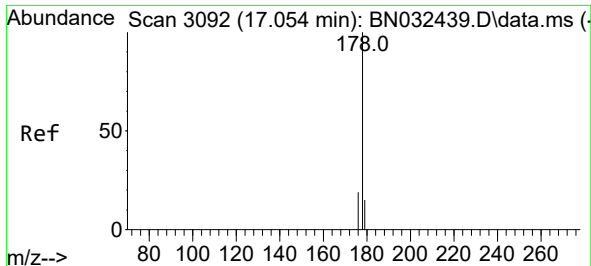
Tgt Ion:166	Resp:	47645
Ion Ratio	Lower	Upper
166	100	
165	98.4	79.0 118.6
167	16.3	11.0 16.6



#14
 Pentachlorophenol
 Concen: 1.248 ng/ul
 RT: 16.666 min Scan# 3000
 Delta R.T. -0.008 min
 Lab File: BN032443.D
 Acq: 03 Jul 2024 19:23

Tgt Ion:266	Resp:	5247
Ion Ratio	Lower	Upper
266	100	
264	61.9	49.9 74.9
268	63.8	52.4 78.6

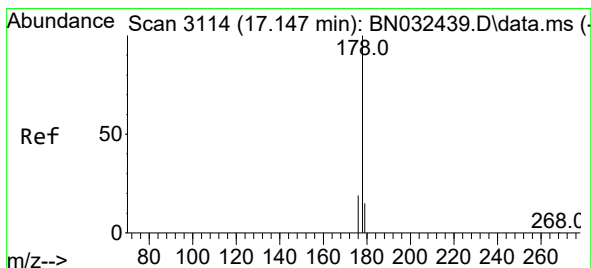
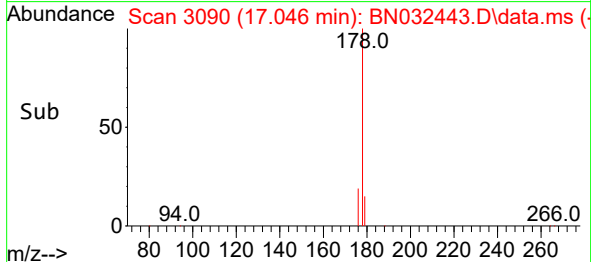
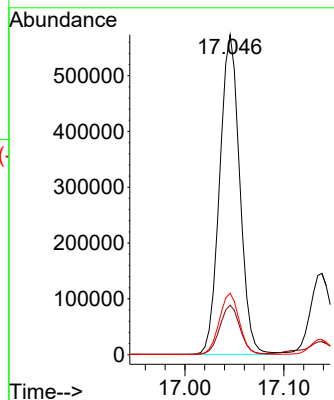
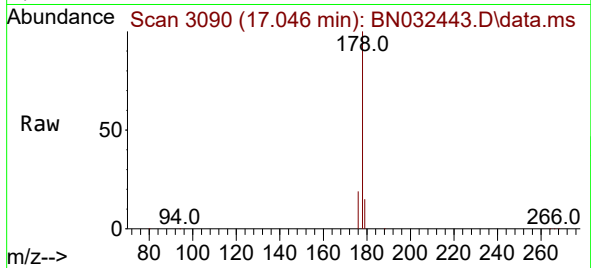




#15
Phenanthrene
Concen: 15.781 ng/ul
RT: 17.046 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

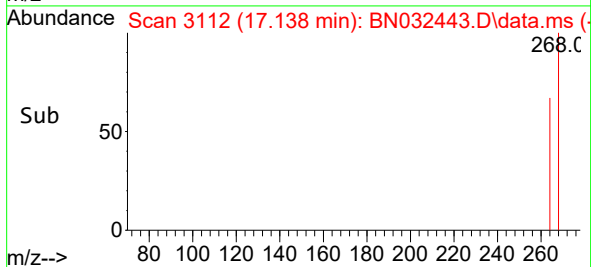
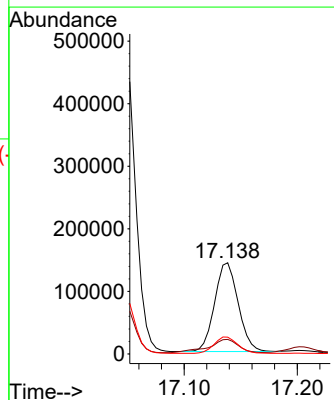
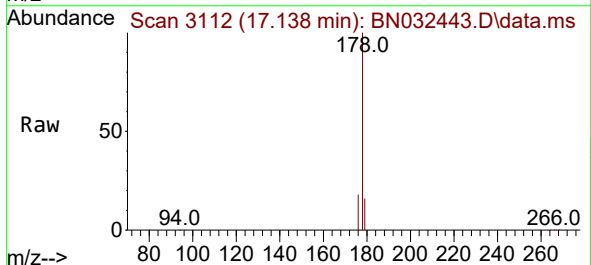
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD

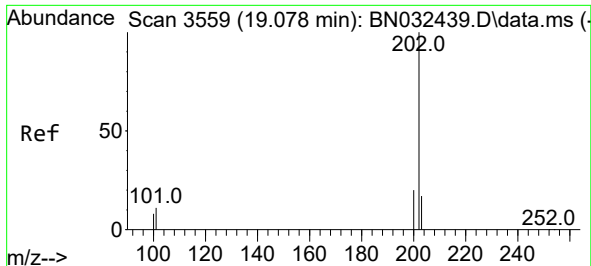
Tgt Ion:178 Resp: 804181
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4



#16
Anthracene
Concen: 4.536 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

Tgt Ion:178 Resp: 206151
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.4 15.0 22.6

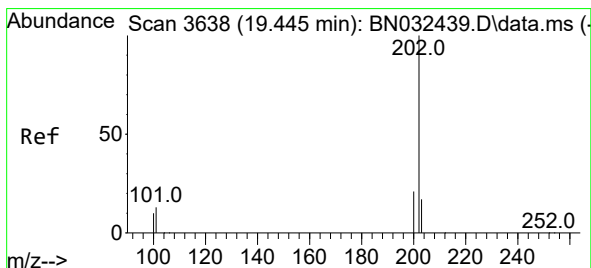
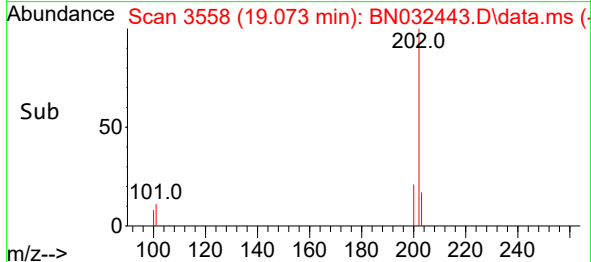
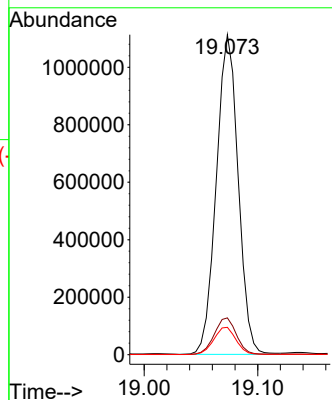
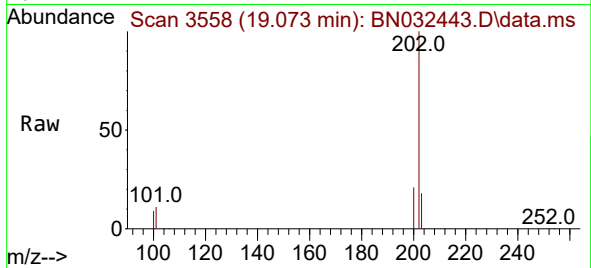




#19
Fluoranthene
Concen: 31.893 ng/ul
RT: 19.073 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

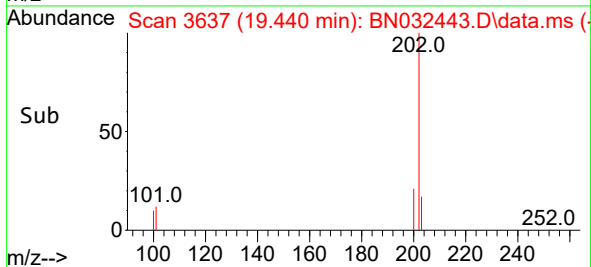
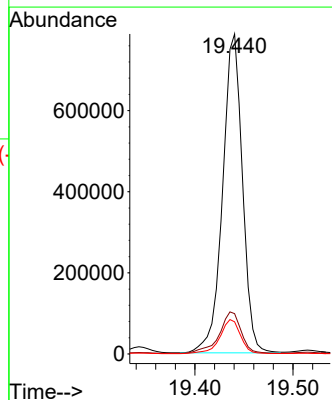
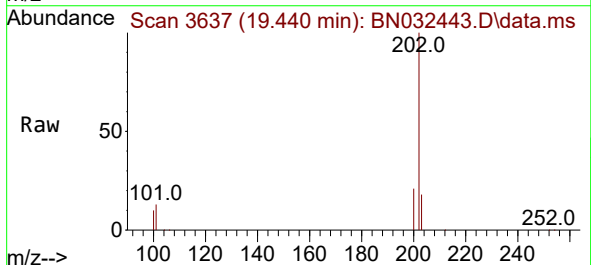
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD

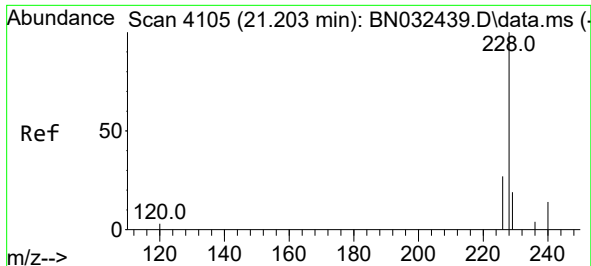
Tgt Ion:202 Resp: 1486392
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.5 6.4 9.6



#20
Pyrene
Concen: 22.724 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

Tgt Ion:202 Resp: 1106748
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.4
100 10.0 8.7 13.1

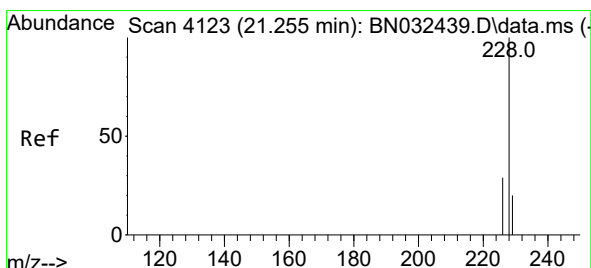
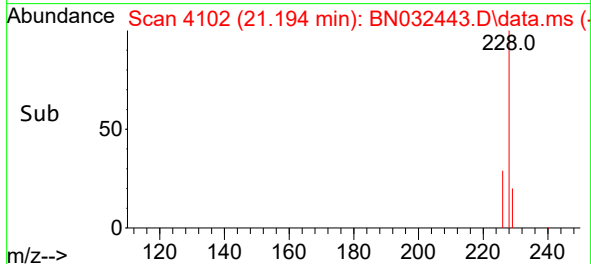
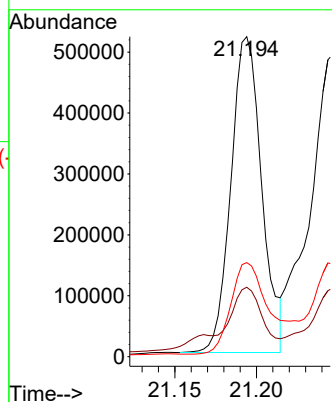
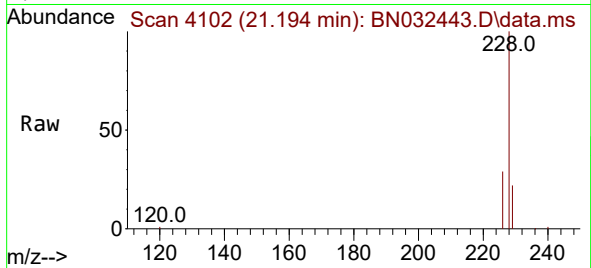




#21
Benzo(a)anthracene
Concen: 15.401 ng/ul
RT: 21.194 min Scan# 4105
Delta R.T. 0.003 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

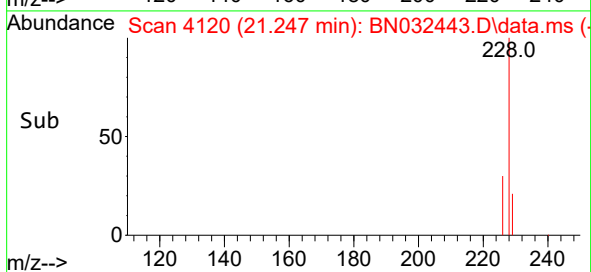
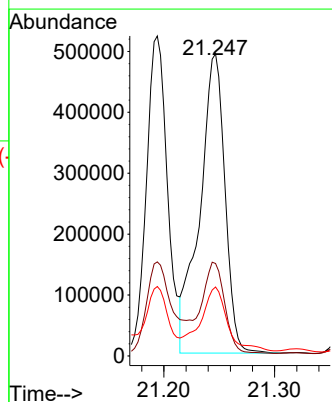
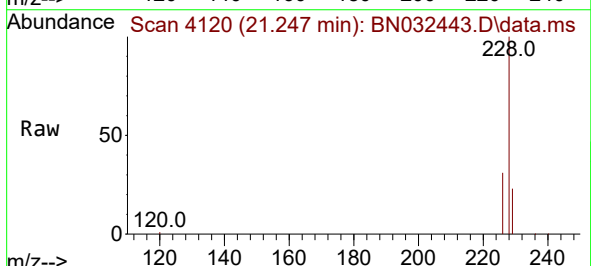
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD

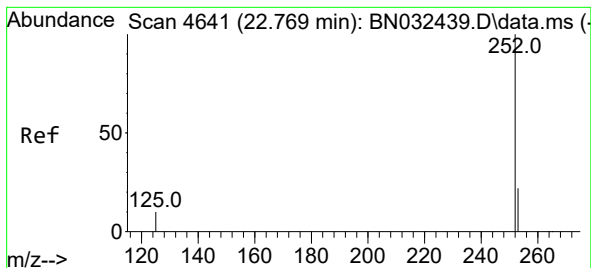
Tgt Ion:228 Resp: 680342
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 29.4 21.8 32.8



#22
Chrysene
Concen: 16.041 ng/ul
RT: 21.247 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

Tgt Ion:228 Resp: 777764
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.8 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 18.057 ng/ul

RT: 22.763 min Scan# 4639

Delta R.T. 0.006 min

Lab File: BN032443.D

Acq: 03 Jul 2024 19:23

Instrument :

BNA_N

ClientSampleId :

A4CS3MSD

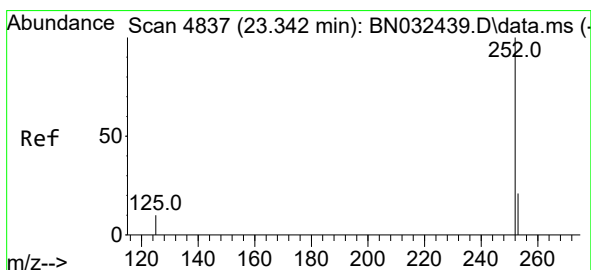
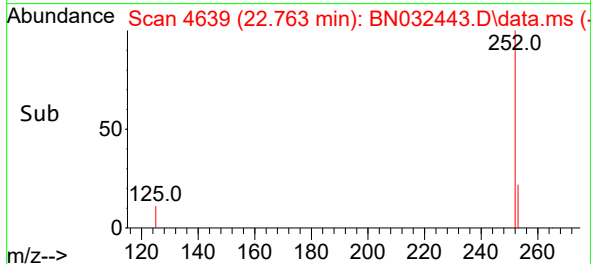
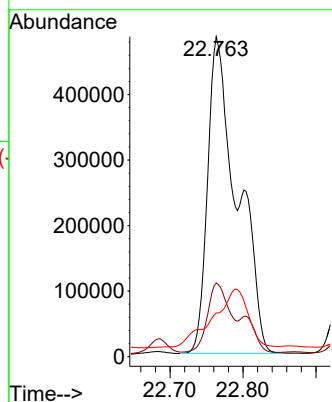
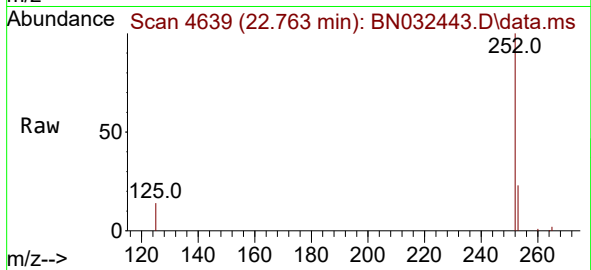
Tgt Ion:252 Resp: 1364418

Ion Ratio Lower Upper

252 100

253 23.1 0.0 50.2

125 13.7 0.0 32.0



#26

Benzo(a)pyrene

Concen: 6.720 ng/ul

RT: 23.330 min Scan# 4833

Delta R.T. 0.003 min

Lab File: BN032443.D

Acq: 03 Jul 2024 19:23

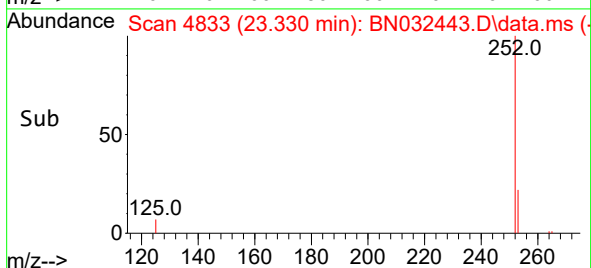
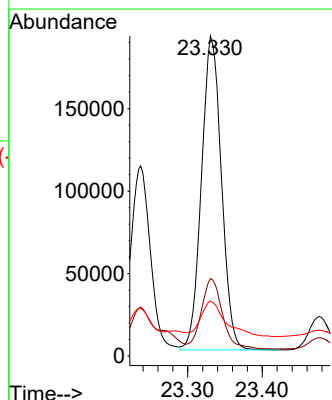
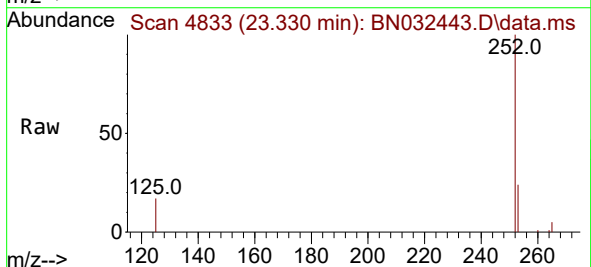
Tgt Ion:252 Resp: 353302

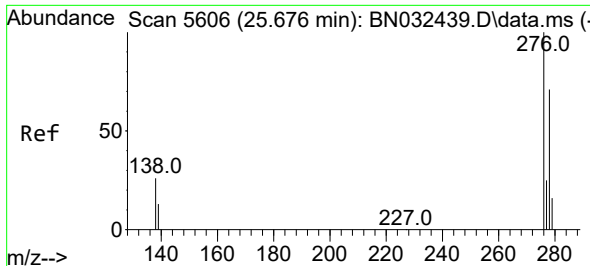
Ion Ratio Lower Upper

252 100

253 24.2 22.2 33.2

125 17.2 16.4 24.6

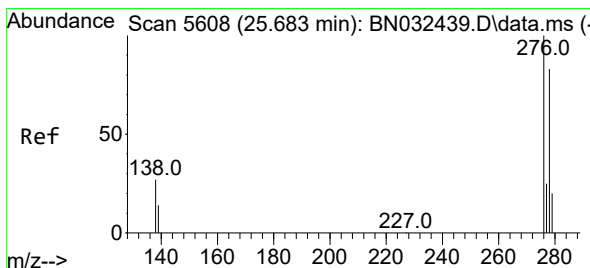
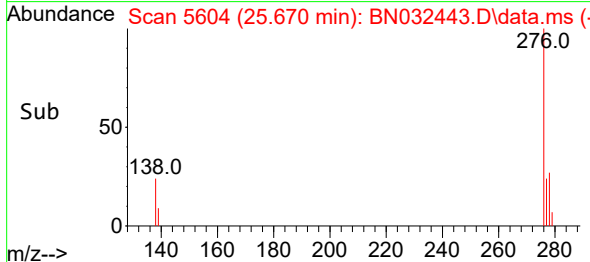
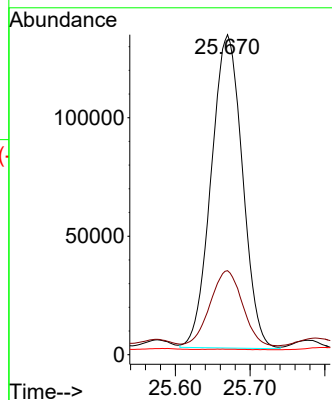
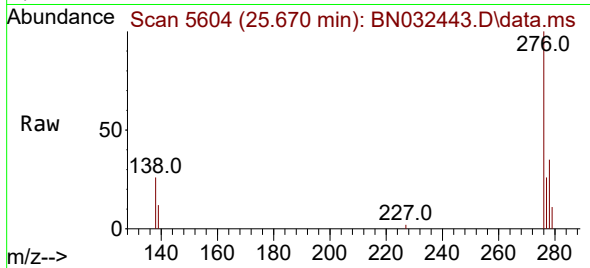




#27
Indeno(1,2,3-cd)pyrene
Concen: 4.662 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. 0.010 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

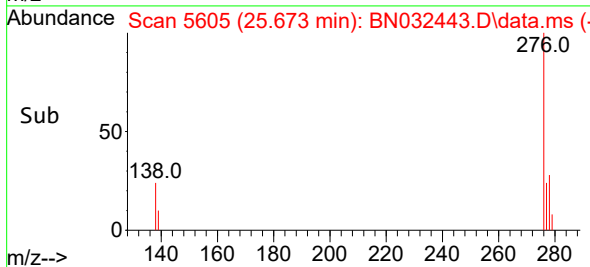
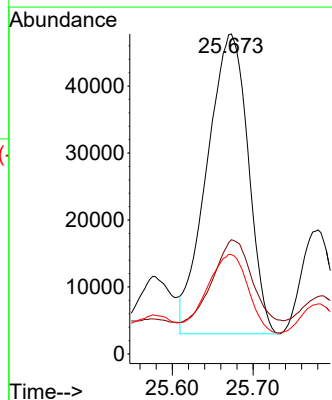
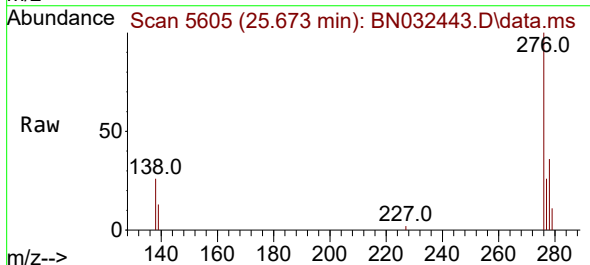
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD

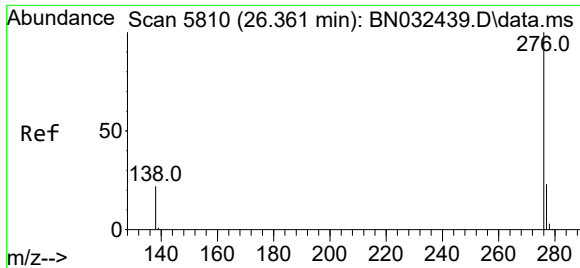
Tgt Ion:276 Resp: 383755
Ion Ratio Lower Upper
276 100
138 24.7 21.3 31.9
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 2.597 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. 0.007 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

Tgt Ion:278 Resp: 158821
Ion Ratio Lower Upper
278 100
139 35.7 15.9 23.9#
279 31.1 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.842 ng/ul
 RT: 26.357 min Scan# 51
 Delta R.T. 0.014 min
 Lab File: BN032443.D
 Acq: 03 Jul 2024 19:23

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3MSD

Tgt Ion:	276	Resp:	55193
Ion	Ratio	Lower	Upper
276	100		
138	35.5	19.8	29.6#
277	33.1	19.8	29.6#

