

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033917.D
 Acq On : 14 Sep 2024 16:24
 Operator : JU/RC
 Sample : PB163391BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS391

Quant Time: Sep 15 01:59:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

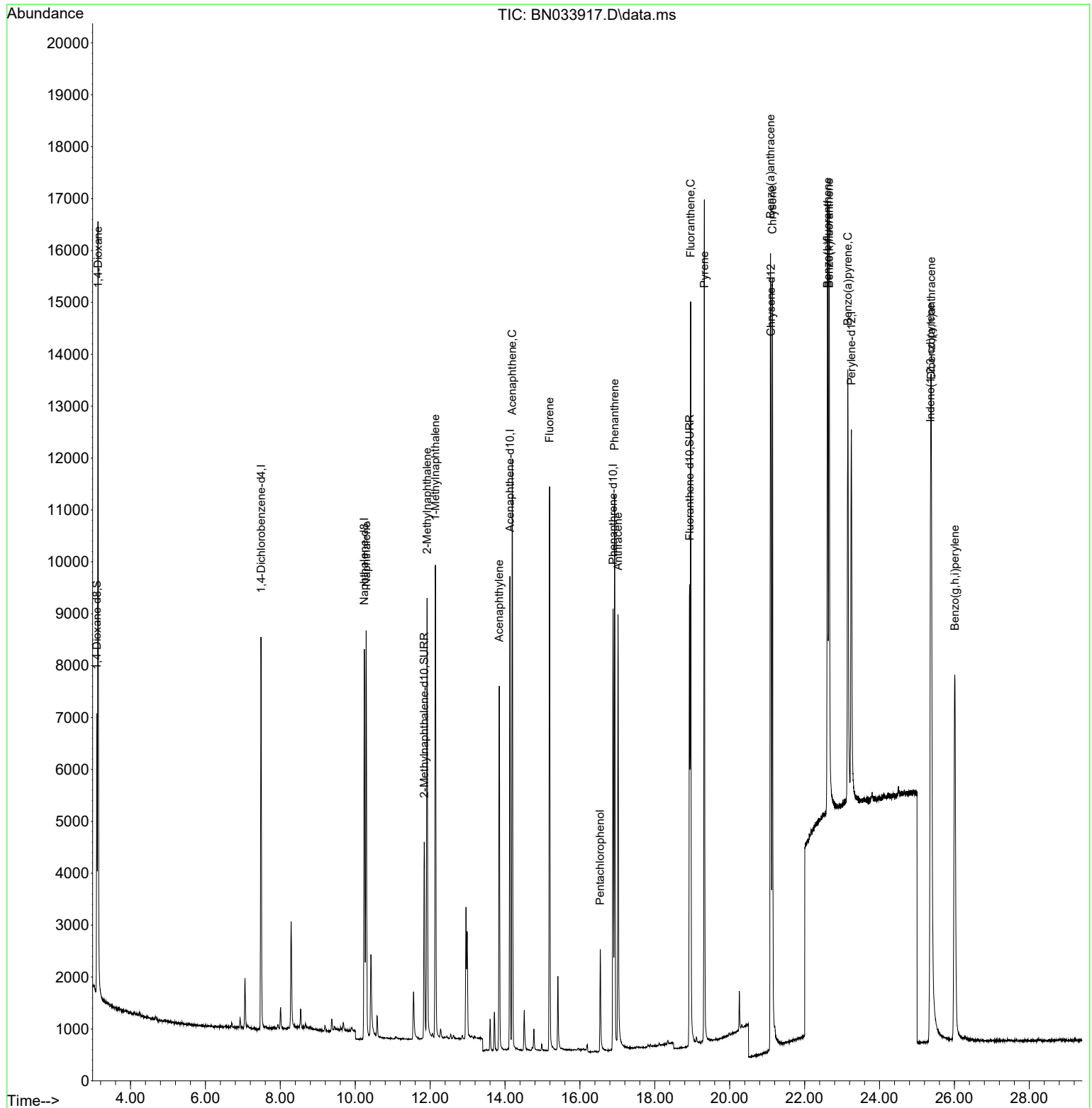
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	10043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.131	164	5019	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	10329	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	8952	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	9833	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3037	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	5297	0.368	ng/ul	0.00
18) Fluoranthene-d10	18.928	212	10355	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	8784	2.080	ng/ul#	79
5) Naphthalene	10.292	128	10319	0.384	ng/ul	100
7) 2-Methylnaphthalene	11.920	142	6394	0.376	ng/ul	99
8) 1-Methylnaphthalene	12.140	142	6435	0.368	ng/ul	99
10) Acenaphthylene	13.845	152	8102	0.355	ng/ul	99
11) Acenaphthene	14.192	153	6657	0.405	ng/ul	99
12) Fluorene	15.191	166	7079	0.385	ng/ul	98
14) Pentachlorophenol	16.542	266	1467	0.451	ng/ul	98
15) Phenanthrene	16.926	178	11114	0.365	ng/ul	99
16) Anthracene	17.019	178	9609	0.351	ng/ul	99
19) Fluoranthene	18.956	202	13137	0.372	ng/ul	99
20) Pyrene	19.323	202	13831	0.369	ng/ul	97
21) Benzo(a)anthracene	21.087	228	12459	0.354	ng/ul	99
22) Chrysene	21.140	228	14353	0.403	ng/ul	100
24) Benzo(b)fluoranthene	22.613	252	13864	0.363	ng/ul	98
25) Benzo(k)fluoranthene	22.654	252	15755	0.413	ng/ul	99
26) Benzo(a)pyrene	23.153	252	13033	0.425	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.363	276	17688	0.384	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	13696	0.383	ng/ul	96
29) Benzo(g,h,i)perylene	26.010	276	14471	0.402	ng/ul	99

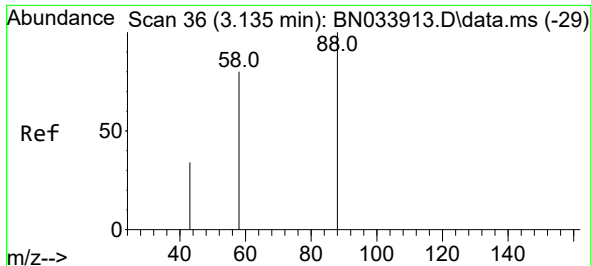
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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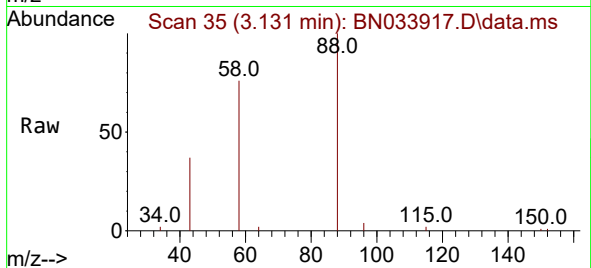
Quant Time: Sep 15 01:59:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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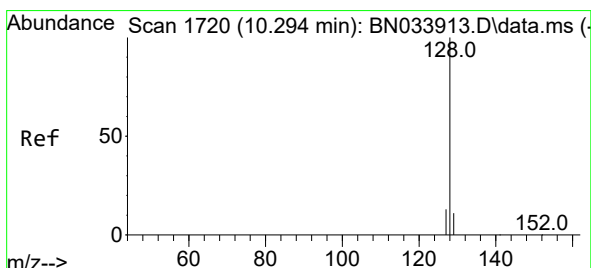
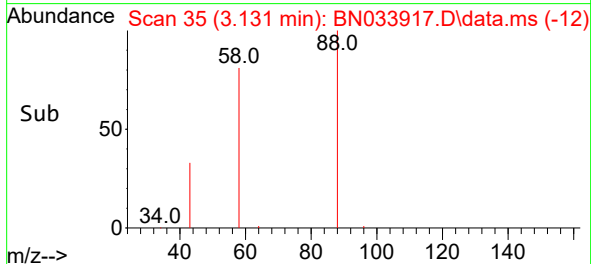
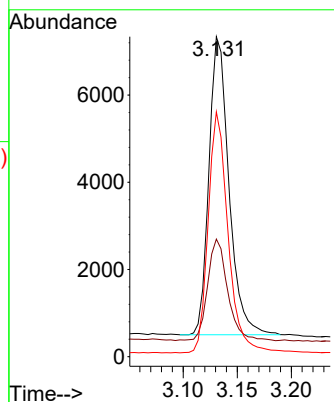


#2
1,4-Dioxane
Concen: 2.080 ng/ul
RT: 3.131 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Instrument :
BNA_N
ClientSampleId :
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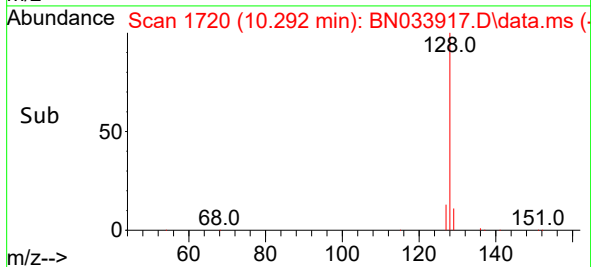
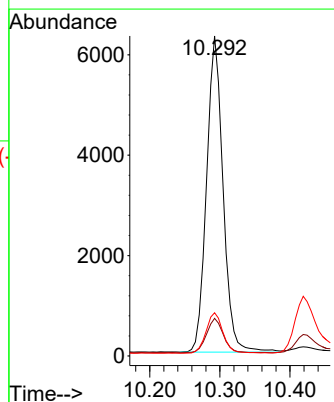
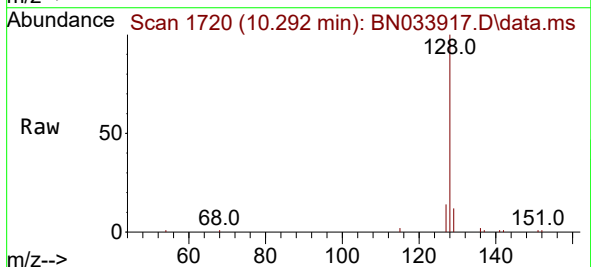


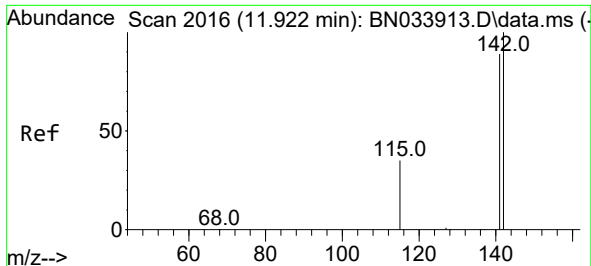
Tgt Ion: 88 Resp: 8784
Ion Ratio Lower Upper
88 100
43 36.8 47.0 70.4#
58 76.5 53.0 79.4



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Tgt Ion:128 Resp: 10319
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 10.8 16.2

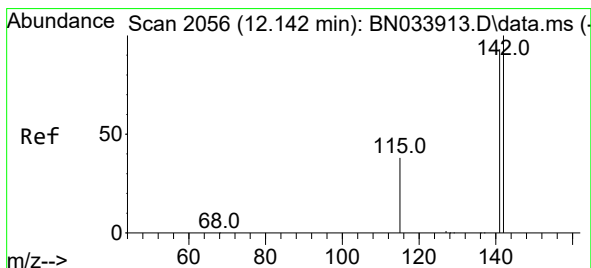
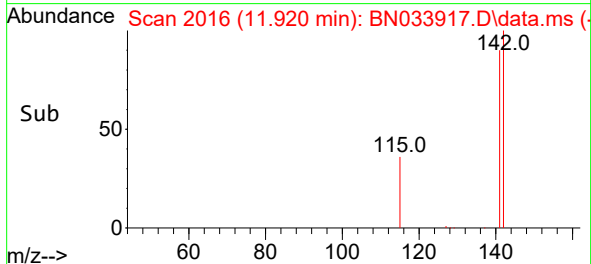
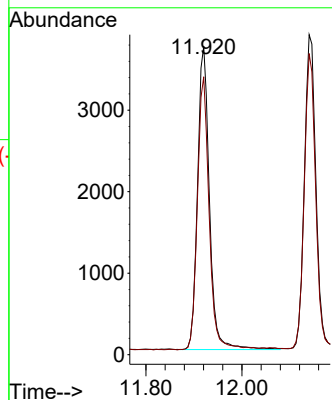
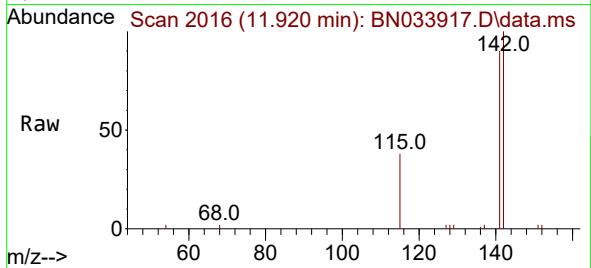




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. -0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

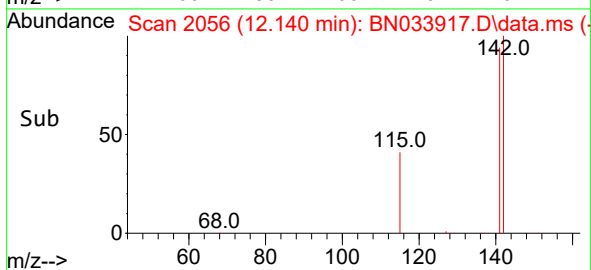
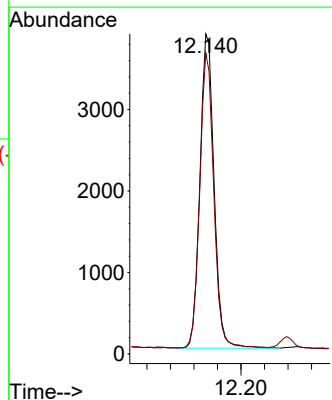
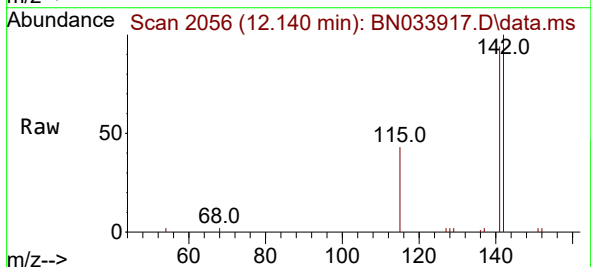
Instrument :
BNA_N
ClientSampleId :
SLCS391

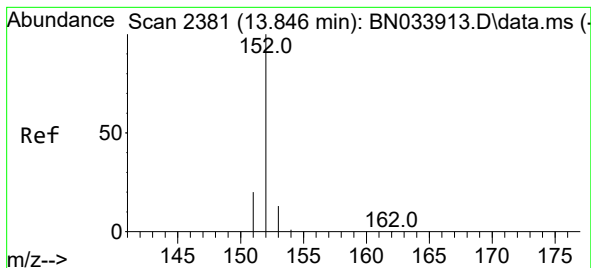
Tgt Ion:142 Resp: 6394
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.140 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Tgt Ion:142 Resp: 6435
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4





#10

Acenaphthylene

Concen: 0.355 ng/ul

RT: 13.845 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN033917.D

Acq: 14 Sep 2024 16:24

Instrument :

BNA_N

ClientSampleId :

SLCS391

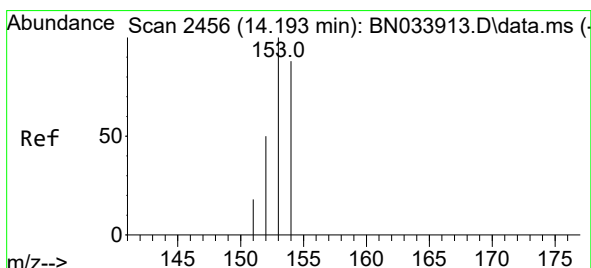
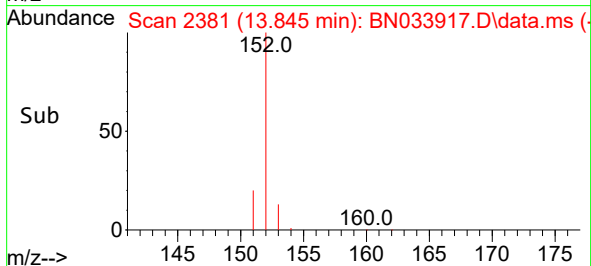
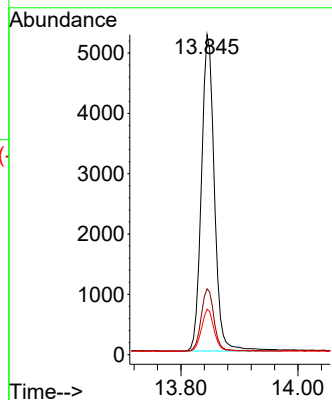
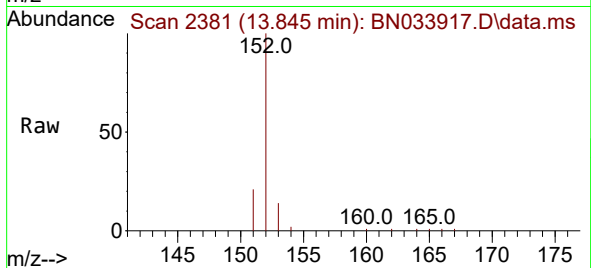
Tgt Ion:152 Resp: 8102

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.2 10.8 16.2



#11

Acenaphthene

Concen: 0.405 ng/ul

RT: 14.192 min Scan# 2456

Delta R.T. -0.001 min

Lab File: BN033917.D

Acq: 14 Sep 2024 16:24

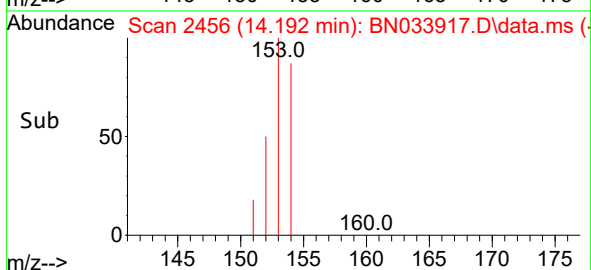
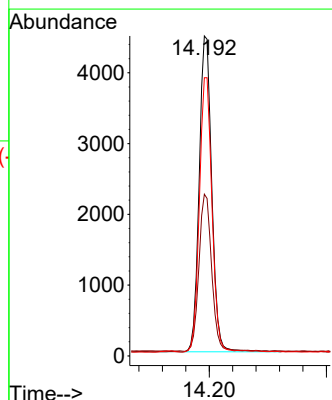
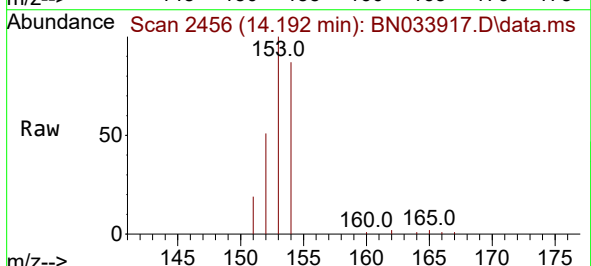
Tgt Ion:153 Resp: 6657

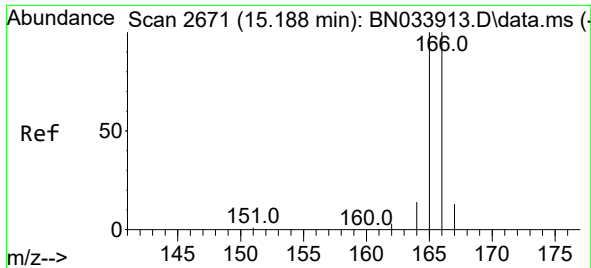
Ion Ratio Lower Upper

153 100

152 50.6 39.8 59.8

154 87.0 69.0 103.6

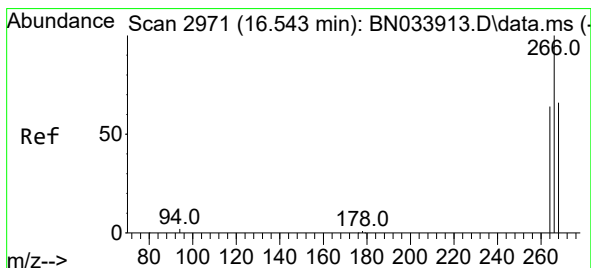
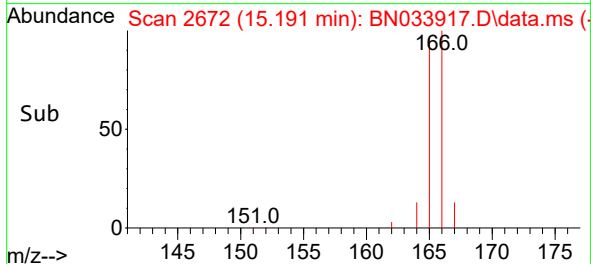
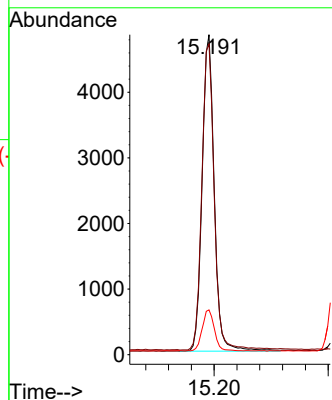
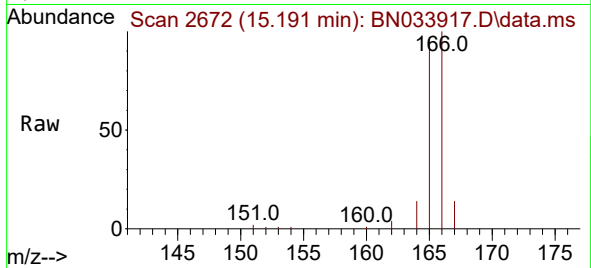




#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.191 min Scan# 2672
Delta R.T. 0.003 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

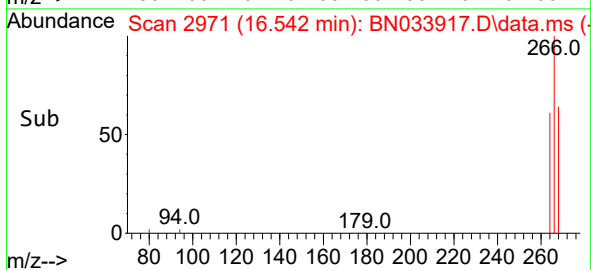
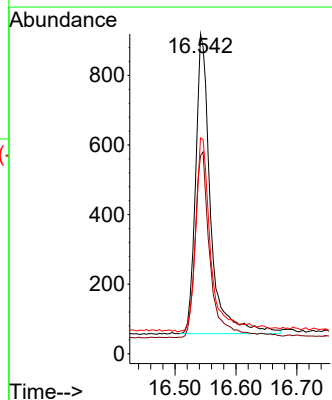
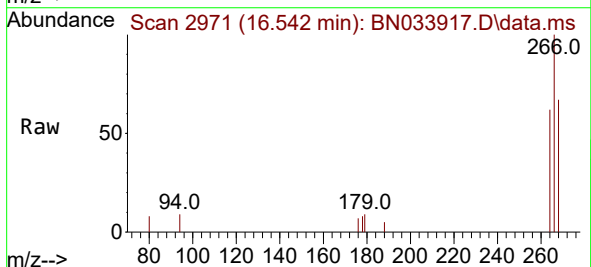
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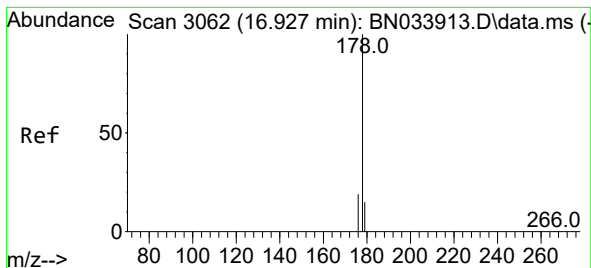
Tgt Ion:166 Resp: 7079
Ion Ratio Lower Upper
166 100
165 97.0 79.1 118.7
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.451 ng/ul
RT: 16.542 min Scan# 2971
Delta R.T. -0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Tgt Ion:266 Resp: 1467
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 67.1 51.7 77.5





#15

Phenanthrene

Concen: 0.365 ng/ul

RT: 16.926 min Scan# 3062

Delta R.T. -0.001 min

Lab File: BN033917.D

Acq: 14 Sep 2024 16:24

Instrument :

BNA_N

ClientSampleId :

SLCS391

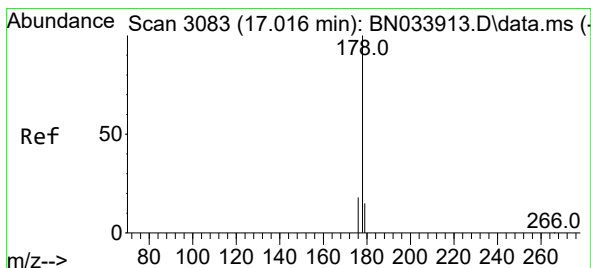
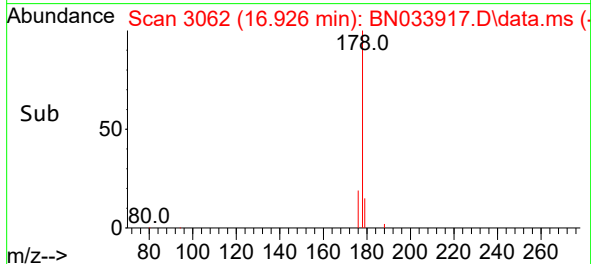
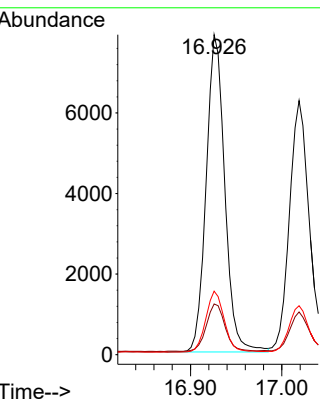
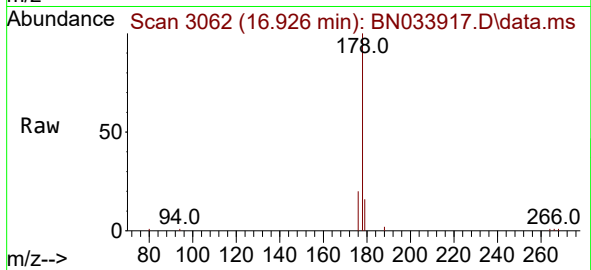
Tgt Ion:178 Resp: 11114

Ion Ratio Lower Upper

178 100

179 15.9 12.9 19.3

176 19.9 15.7 23.5



#16

Anthracene

Concen: 0.351 ng/ul

RT: 17.019 min Scan# 3084

Delta R.T. 0.003 min

Lab File: BN033917.D

Acq: 14 Sep 2024 16:24

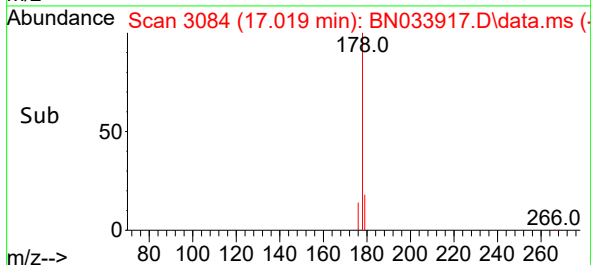
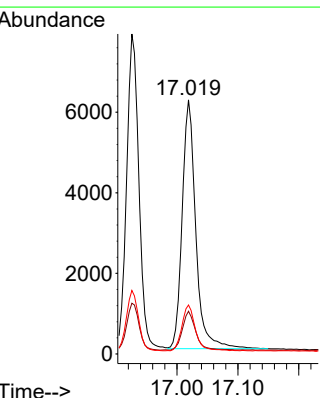
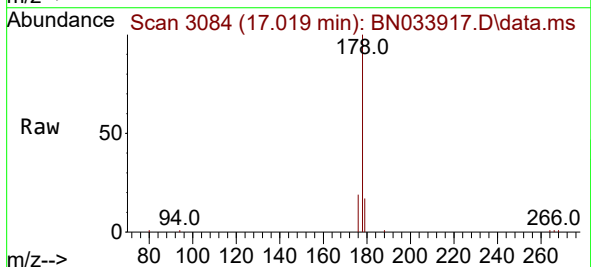
Tgt Ion:178 Resp: 9609

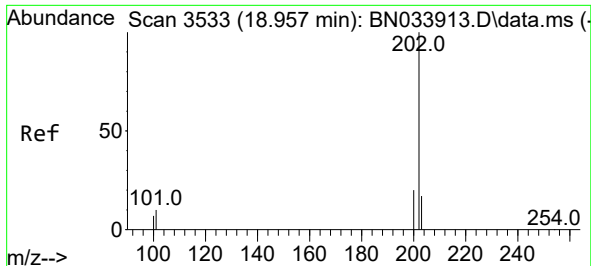
Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.4

176 19.3 15.2 22.8

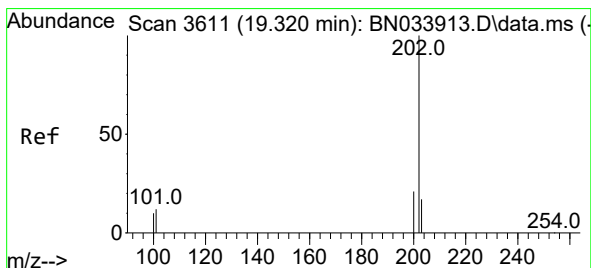
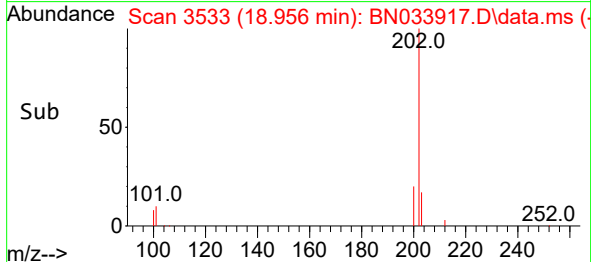
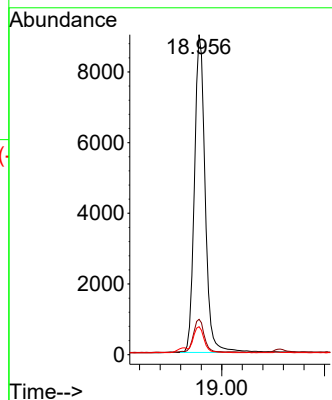
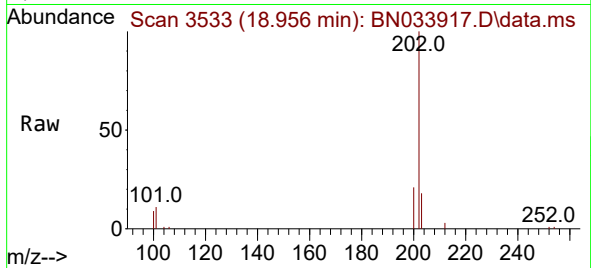




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 18.956 min Scan# 3533
Delta R.T. -0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

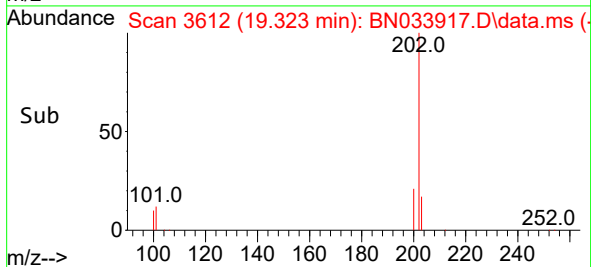
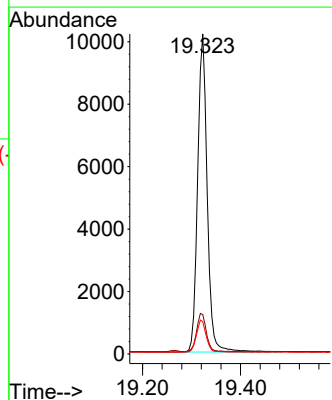
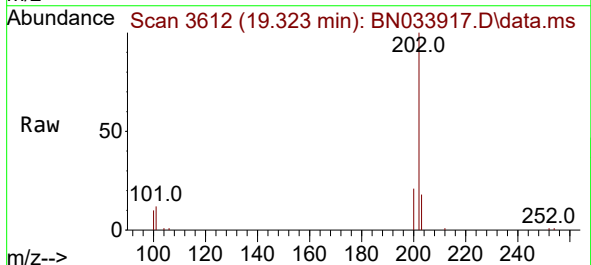
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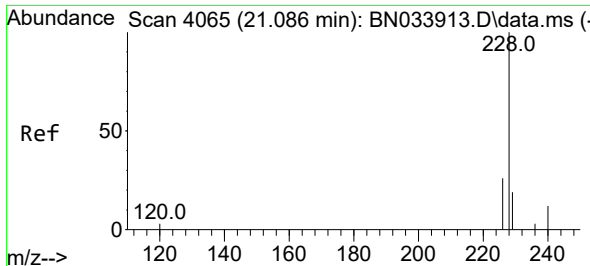
Tgt Ion:202 Resp: 13137
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.4
100 8.8 6.7 10.1



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.323 min Scan# 3612
Delta R.T. 0.003 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Tgt Ion:202 Resp: 13831
Ion Ratio Lower Upper
202 100
101 12.3 10.8 16.2
100 10.1 8.7 13.1

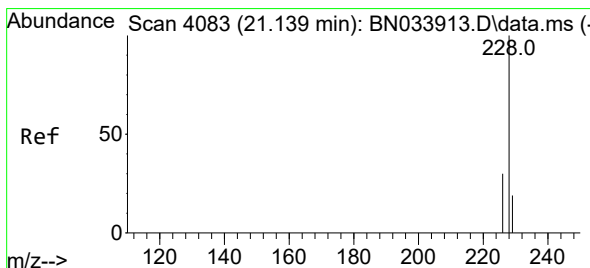
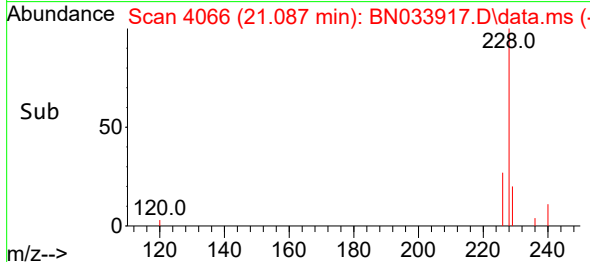
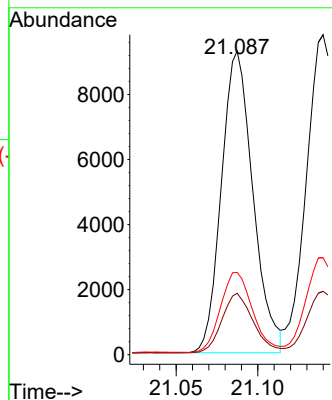
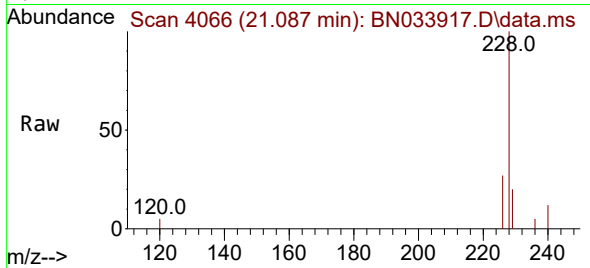




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.087 min Scan# 4065
Delta R.T. 0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

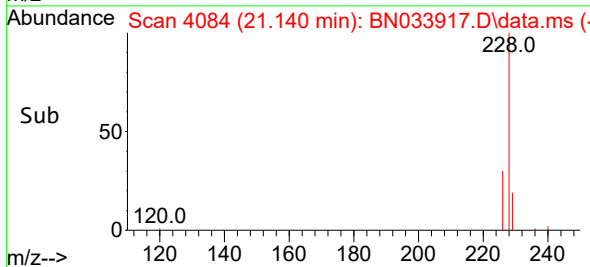
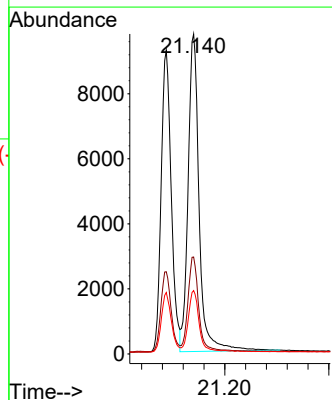
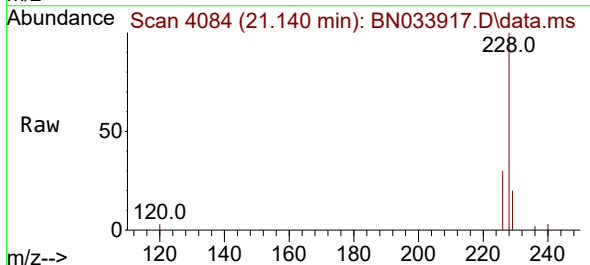
Instrument :
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SLCS391

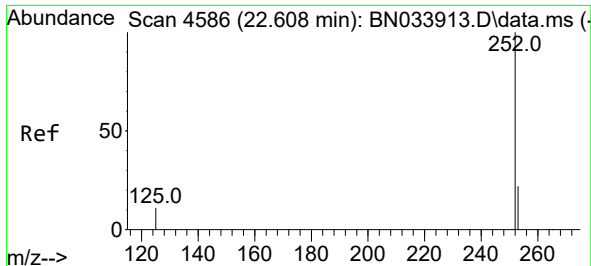
Tgt Ion:228 Resp: 12459
Ion Ratio Lower Upper
228 100
229 20.2 15.4 23.2
226 27.1 22.1 33.1



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.140 min Scan# 4084
Delta R.T. 0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

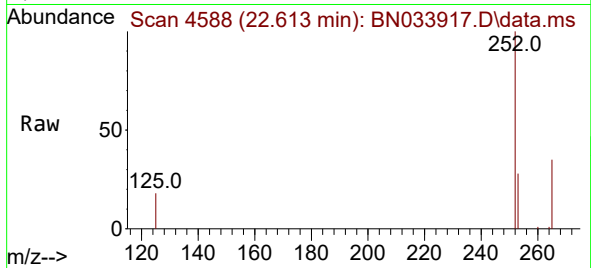
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Ion Ratio Lower Upper
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226 30.3 24.2 36.2
229 19.8 15.6 23.4



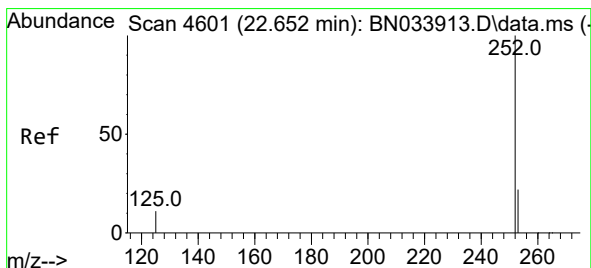
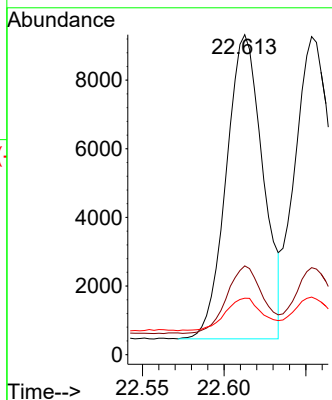


#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 22.613 min Scan# 4588
Delta R.T. 0.004 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Instrument :
BNA_N
ClientSampleId :
SLCS391

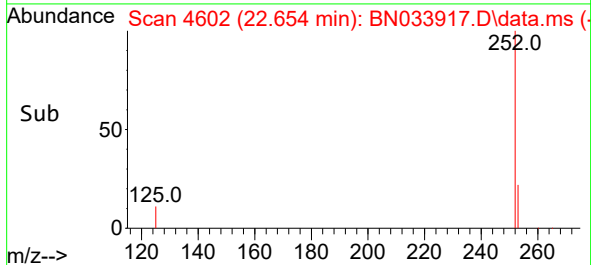
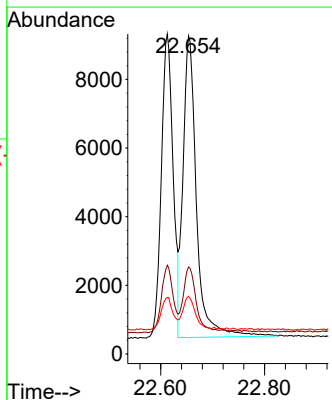
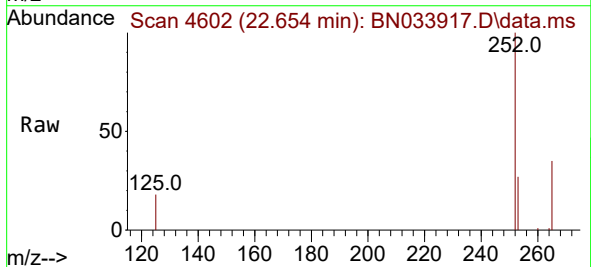


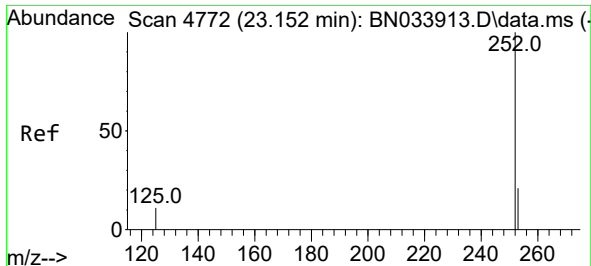
Tgt Ion:252 Resp: 13864
Ion Ratio Lower Upper
252 100
253 27.7 0.0 52.8
125 17.7 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 22.654 min Scan# 4602
Delta R.T. 0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

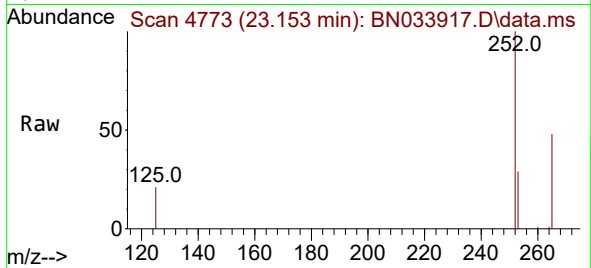
Tgt Ion:252 Resp: 15755
Ion Ratio Lower Upper
252 100
253 27.4 21.4 32.0
125 18.1 15.1 22.7



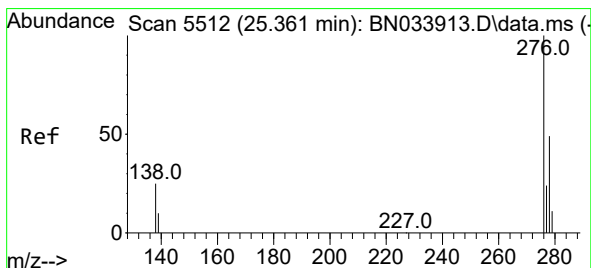
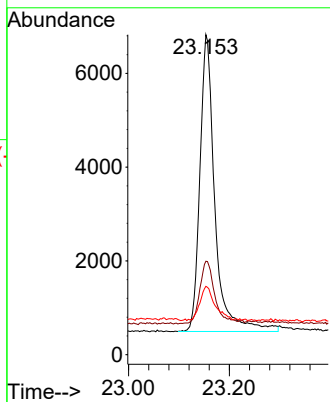
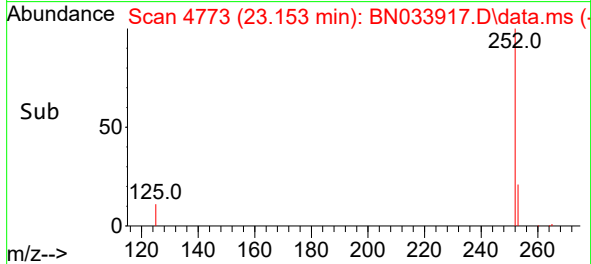


#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.153 min Scan# 4772
Delta R.T. 0.001 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Instrument :
BNA_N
ClientSampleId :
SLCS391

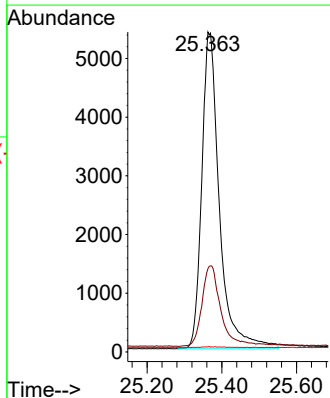
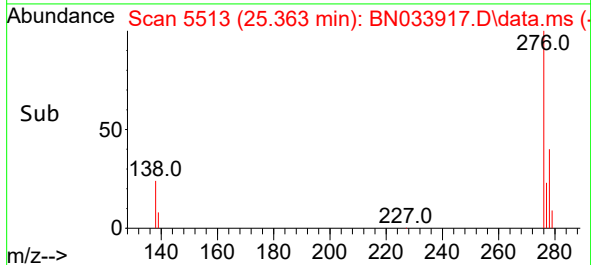
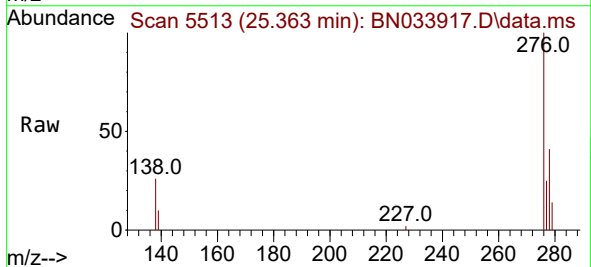


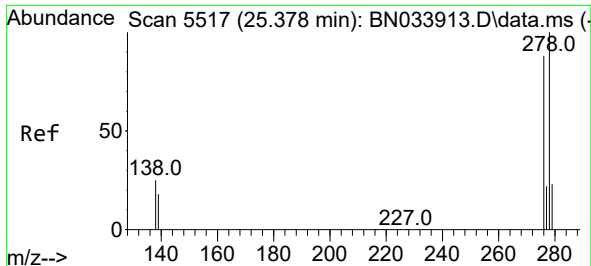
Tgt Ion:252 Resp: 13033
Ion Ratio Lower Upper
252 100
253 29.2 22.8 34.2
125 21.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.363 min Scan# 5513
Delta R.T. 0.002 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Tgt Ion:276 Resp: 17688
Ion Ratio Lower Upper
276 100
138 27.7 22.3 33.5
227 0.2 0.2 0.4

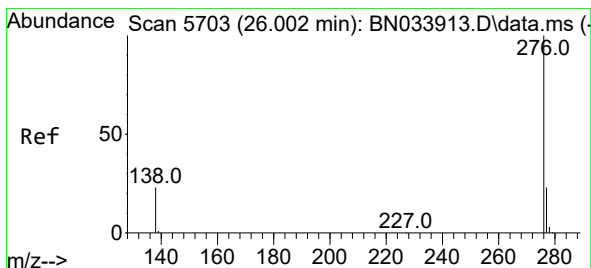
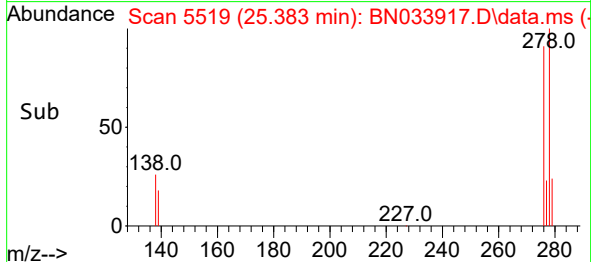
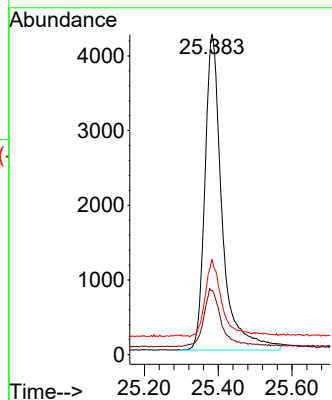
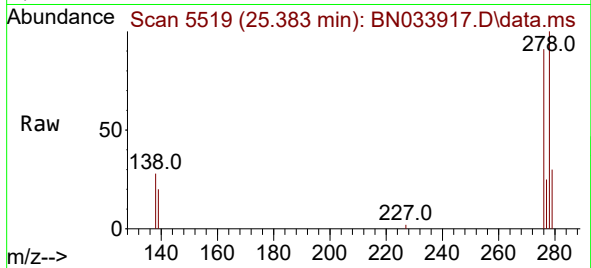




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 25.383 min Scan# 51
Delta R.T. 0.005 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Instrument :
BNA_N
ClientSampleId :
SLCS391

Tgt Ion:278 Resp: 13696
Ion Ratio Lower Upper
278 100
139 20.0 17.3 25.9
279 29.7 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.010 min Scan# 5706
Delta R.T. 0.009 min
Lab File: BN033917.D
Acq: 14 Sep 2024 16:24

Tgt Ion:276 Resp: 14471
Ion Ratio Lower Upper
276 100
138 25.5 20.8 31.2
277 24.9 20.2 30.4

