

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033941.D
 Acq On : 15 Sep 2024 07:26
 Operator : JU/RC
 Sample : PB163352BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS352

Quant Time: Sep 16 00:12:12 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

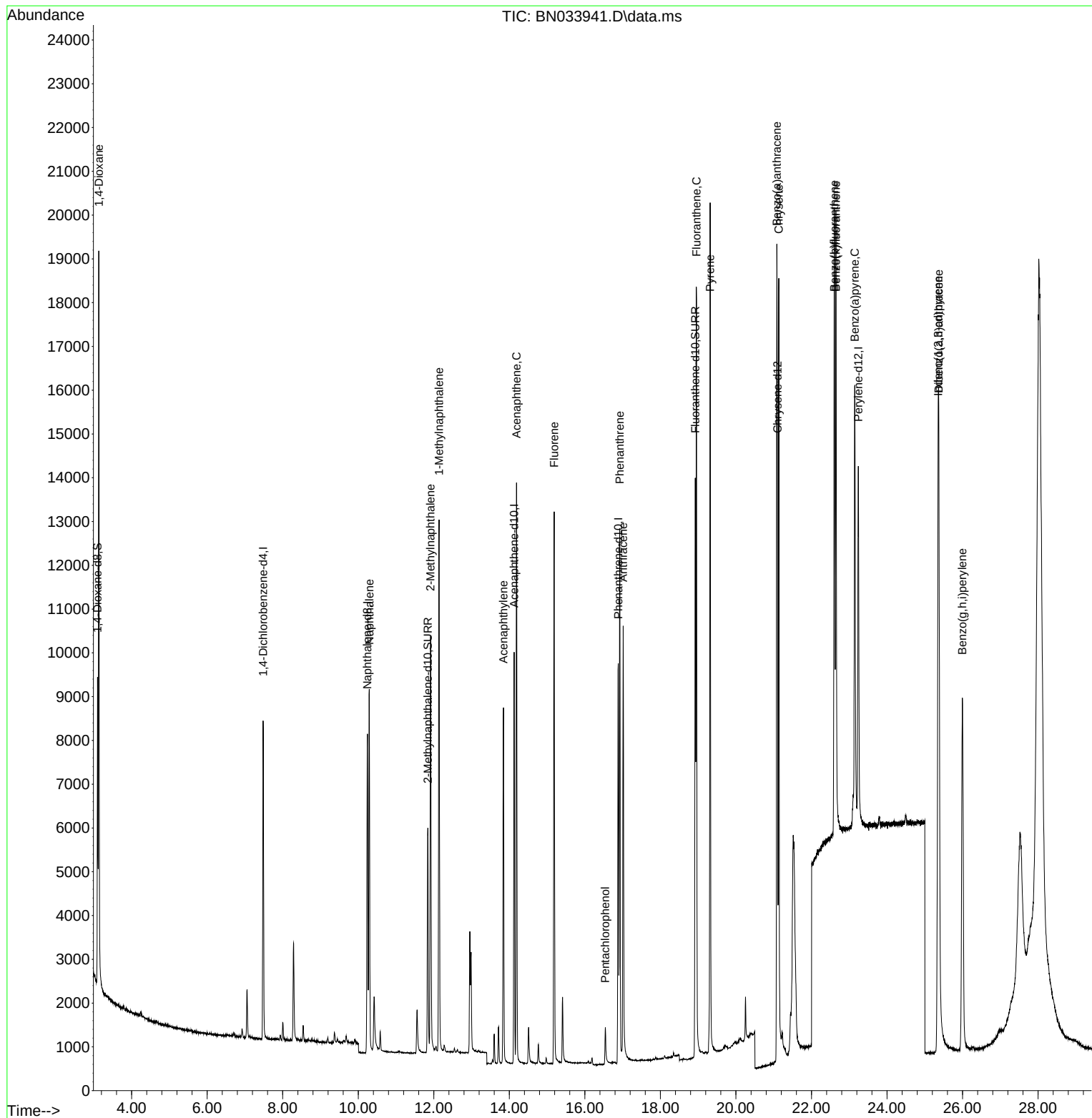
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	3599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	10159	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.127	164	5133	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	10877	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	9613	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	10833	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3944	1.066	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	7298	0.501	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	14844	0.518	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	9599	2.338	ng/ul#	81
5) Naphthalene	10.292	128	11432	0.421	ng/ul	100
7) 2-Methylnaphthalene	11.915	142	7204	0.419	ng/ul	100
8) 1-Methylnaphthalene	12.140	142	8622	0.487	ng/ul	100
10) Acenaphthylene	13.844	152	9295	0.399	ng/ul	99
11) Acenaphthene	14.191	153	7635	0.454	ng/ul	99
12) Fluorene	15.186	166	8179	0.435	ng/ul	100
14) Pentachlorophenol	16.542	266	809	0.236	ng/ul	98
15) Phenanthrene	16.922	178	13015	0.406	ng/ul	100
16) Anthracene	17.014	178	11503	0.399	ng/ul	99
19) Fluoranthene	18.956	202	15345	0.405	ng/ul	100
20) Pyrene	19.318	202	16202	0.402	ng/ul	100
21) Benzo(a)anthracene	21.081	228	14773	0.390	ng/ul	100
22) Chrysene	21.134	228	17142	0.448	ng/ul	100
24) Benzo(b)fluoranthene	22.604	252	16759	0.399	ng/ul	98
25) Benzo(k)fluoranthene	22.648	252	18093	0.430	ng/ul	99
26) Benzo(a)pyrene	23.145	252	15388	0.456	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.353	276	20392	0.402	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.373	278	15823	0.402	ng/ul	97
29) Benzo(g,h,i)perylene	25.997	276	16473	0.416	ng/ul	99

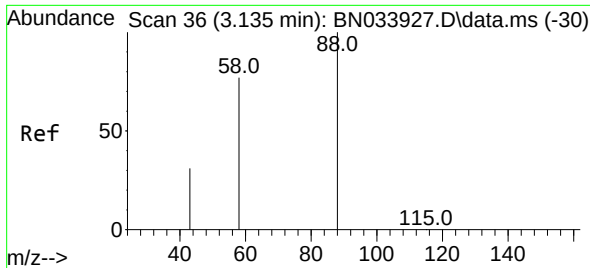
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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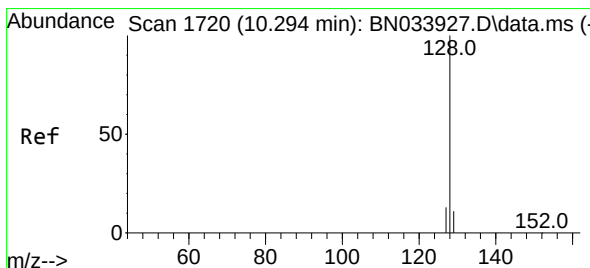
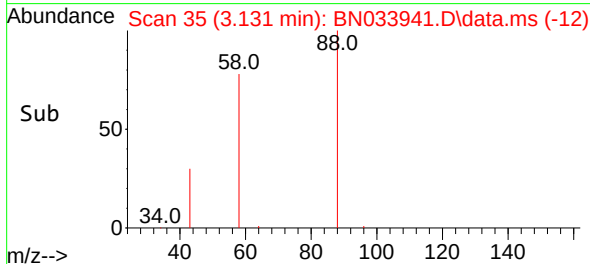
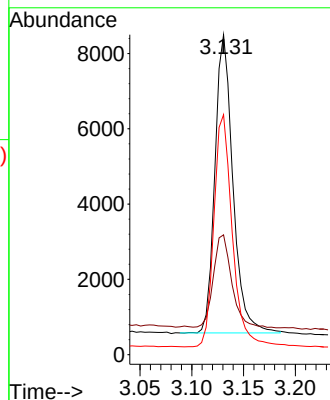
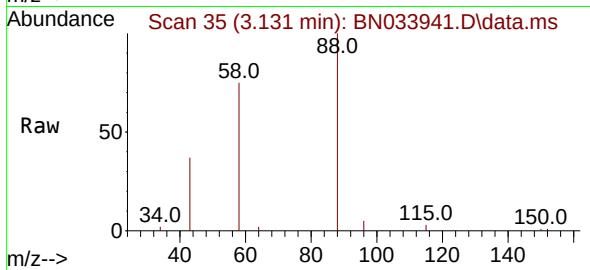




#2
1,4-Dioxane
Concen: 2.338 ng/ul
RT: 3.131 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

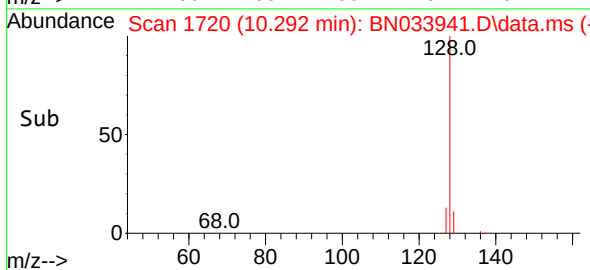
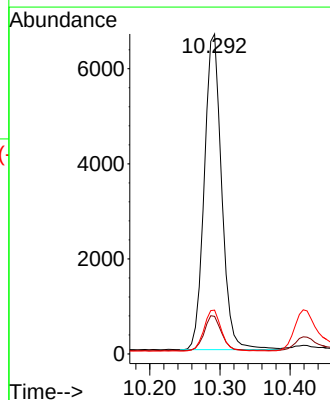
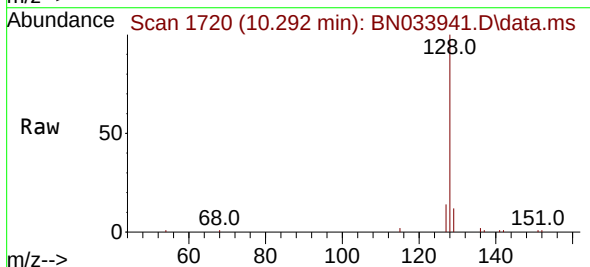
Instrument :
BNA_N
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SLCS352

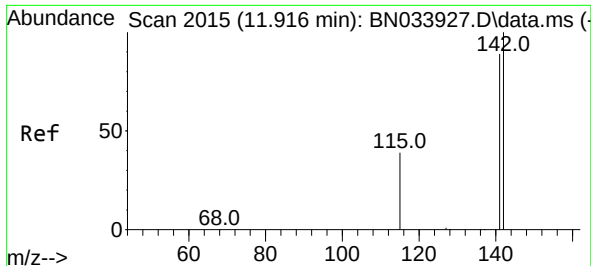
Tgt Ion: 88 Resp: 9599
Ion Ratio Lower Upper
88 100
43 37.5 47.0 70.4#
58 75.0 53.0 79.4



#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.002 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

Tgt Ion:128 Resp: 11432
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 10.8 16.2

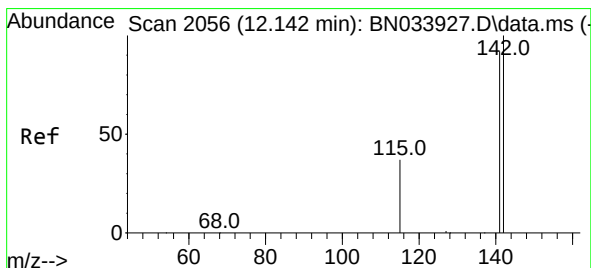
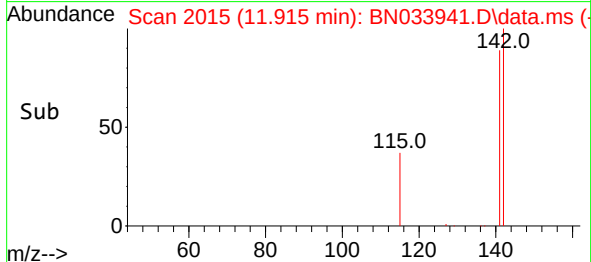
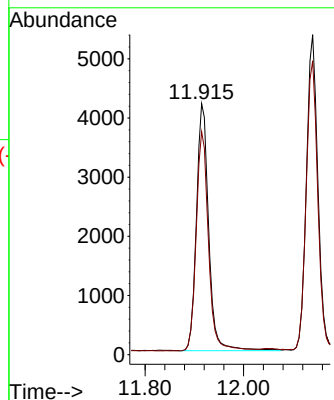
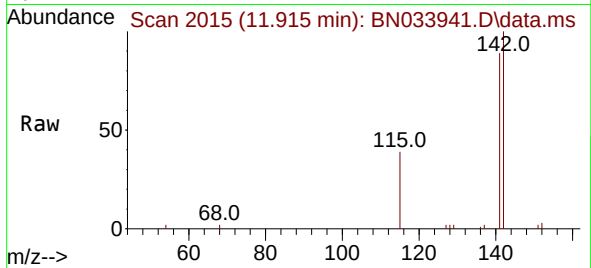




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.007 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

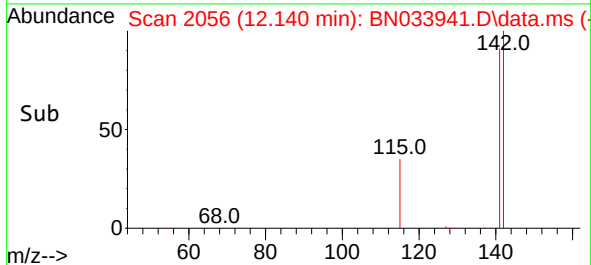
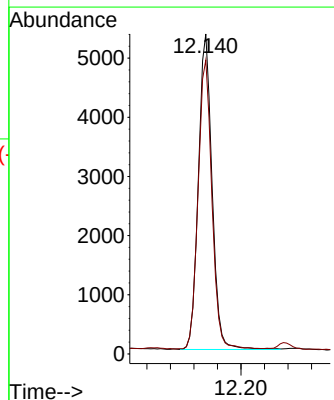
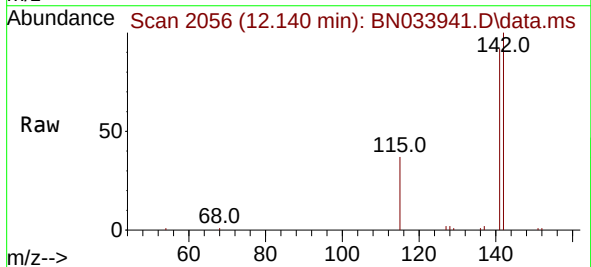
Instrument :
BNA_N
ClientSampleId :
SLCS352

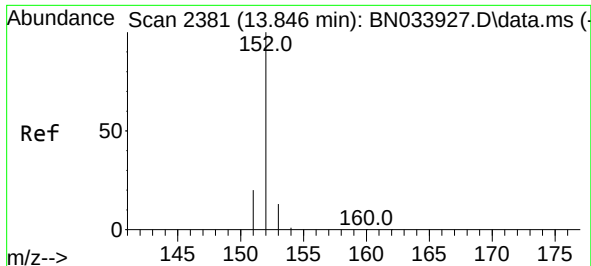
Tgt Ion:142 Resp: 7204
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.487 ng/ul
RT: 12.140 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

Tgt Ion:142 Resp: 8622
Ion Ratio Lower Upper
142 100
141 92.5 73.6 110.4

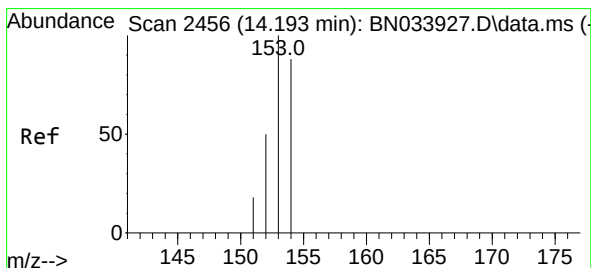
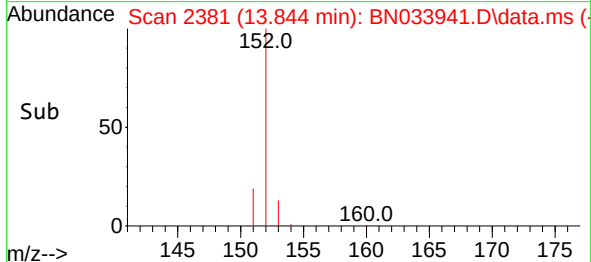
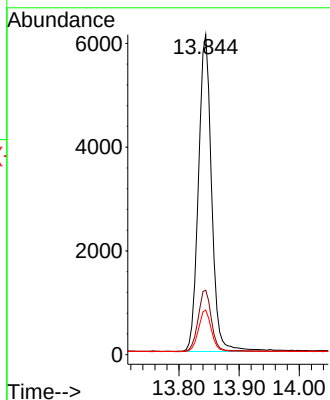
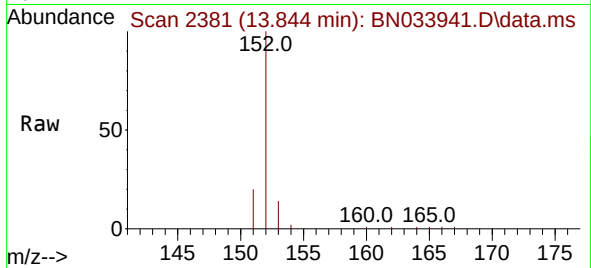




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 13.844 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

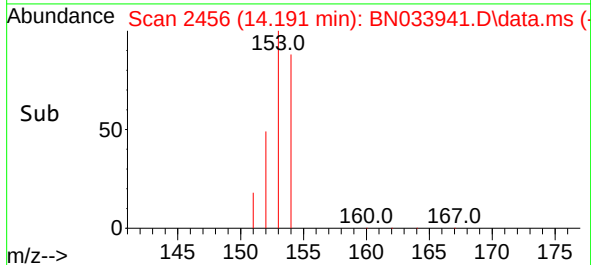
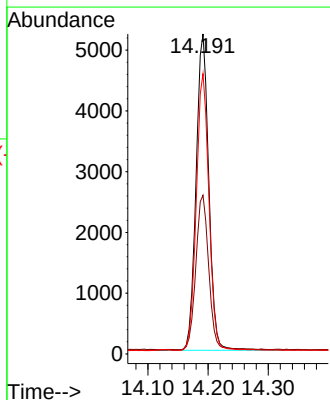
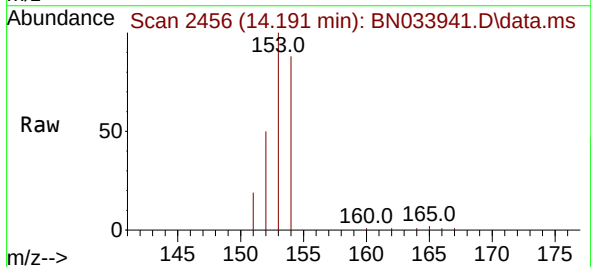
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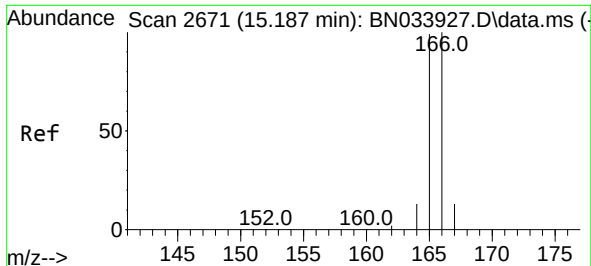
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.9	10.8	16.2



#11
Acenaphthene
Concen: 0.454 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.002 min
Lab File: BN033941.D
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.8	59.8
154	87.6	69.0	103.6

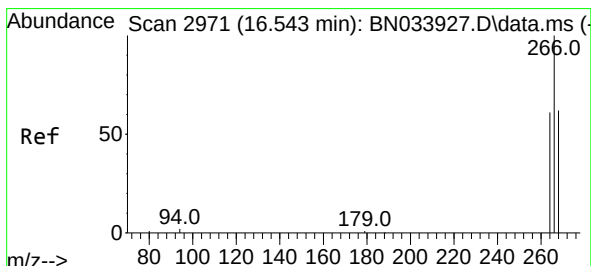
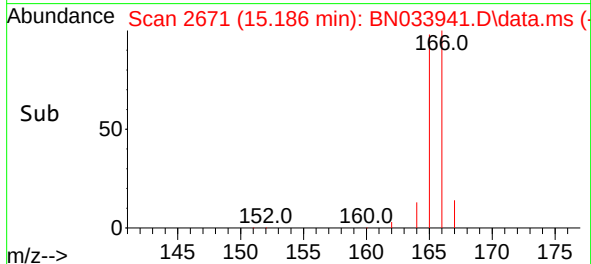
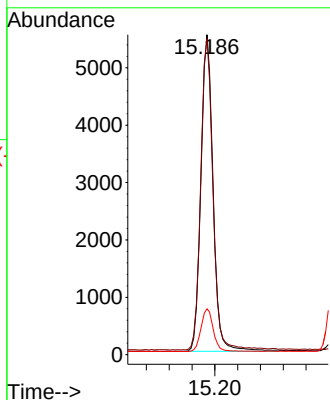
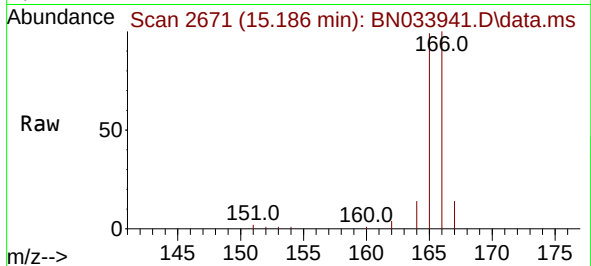




#12
Fluorene
Concen: 0.435 ng/ul
RT: 15.186 min Scan# 2671
Delta R.T. -0.002 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

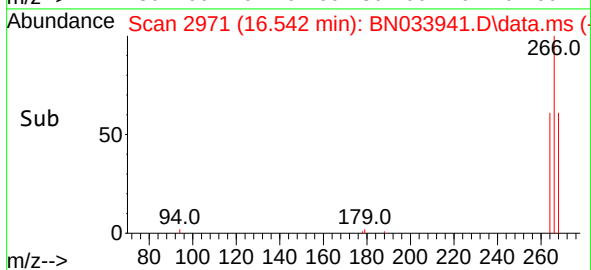
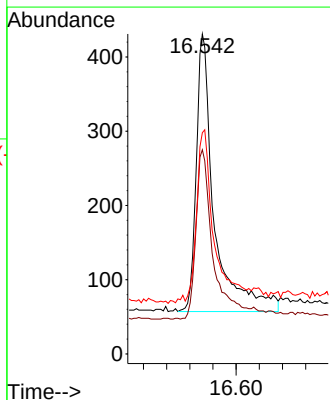
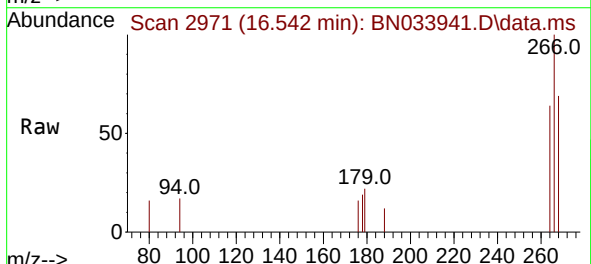
Instrument :
BNA_N
ClientSampleId :
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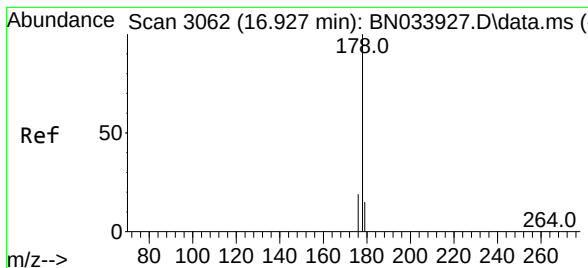
Tgt Ion:166 Resp: 8179
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 14.4 11.4 17.0



#14
Pentachlorophenol
Concen: 0.236 ng/ul
RT: 16.542 min Scan# 2971
Delta R.T. -0.002 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

Tgt Ion:266 Resp: 809
Ion Ratio Lower Upper
266 100
264 61.7 50.3 75.5
268 65.9 51.7 77.5





#15

Phenanthrene

Concen: 0.406 ng/ul

RT: 16.922 min Scan# 3061

Delta R.T. -0.006 min

Lab File: BN033941.D

Acq: 15 Sep 2024 07:26

Instrument :

BNA_N

ClientSampleId :

SLCS352

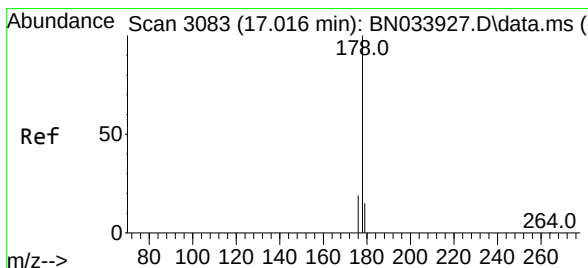
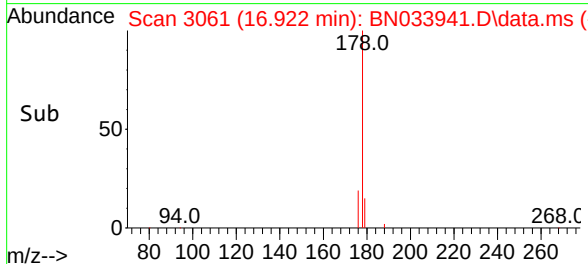
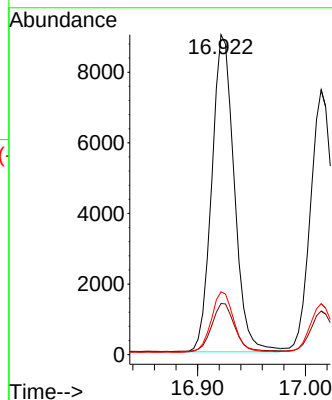
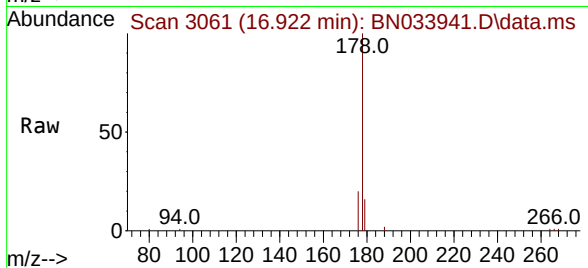
Tgt Ion:178 Resp: 13015

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

176 19.7 15.7 23.5



#16

Anthracene

Concen: 0.399 ng/ul

RT: 17.014 min Scan# 3083

Delta R.T. -0.002 min

Lab File: BN033941.D

Acq: 15 Sep 2024 07:26

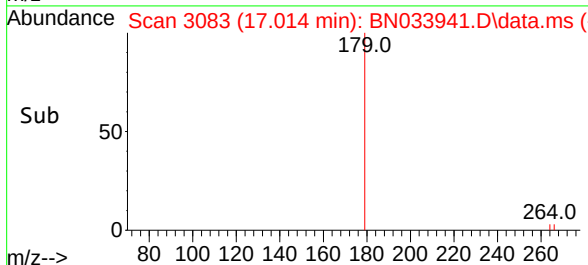
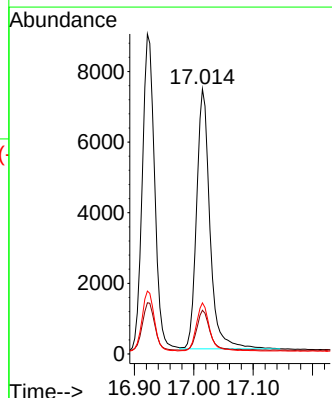
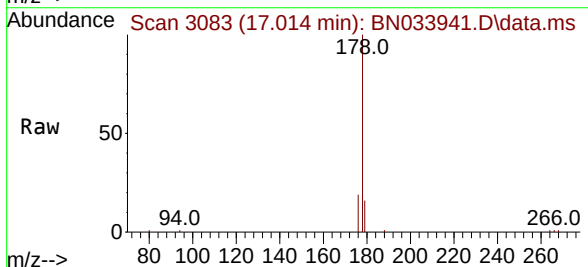
Tgt Ion:178 Resp: 11503

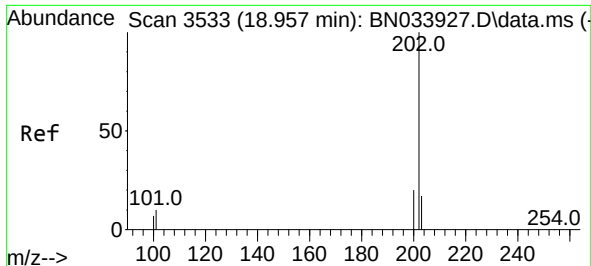
Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

176 19.2 15.2 22.8

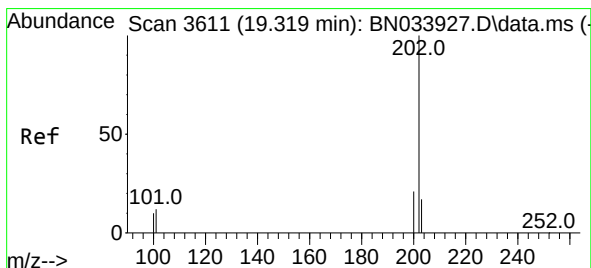
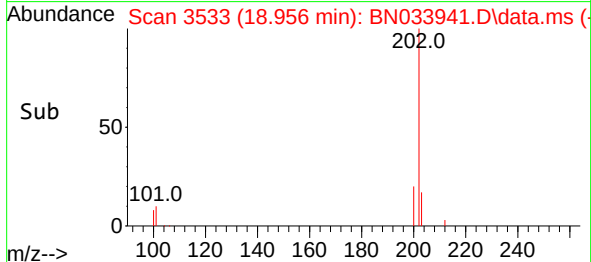
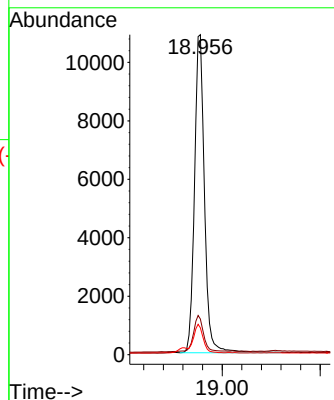
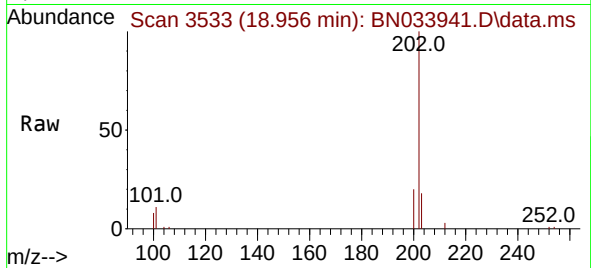




#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 18.956 min Scan# 3533
Delta R.T. -0.002 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

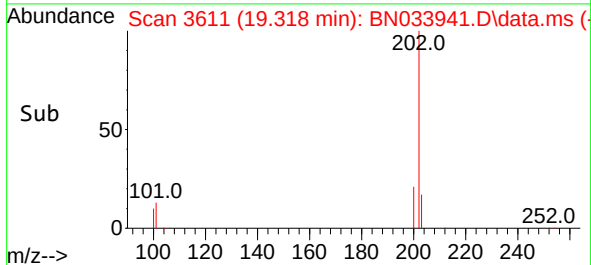
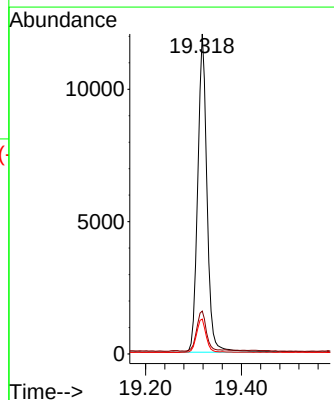
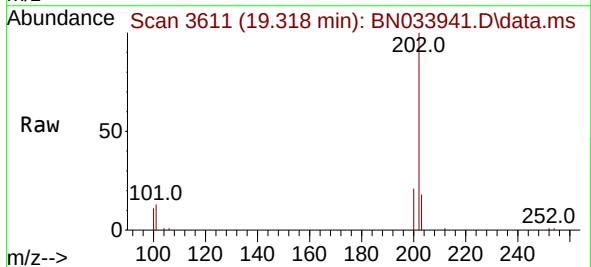
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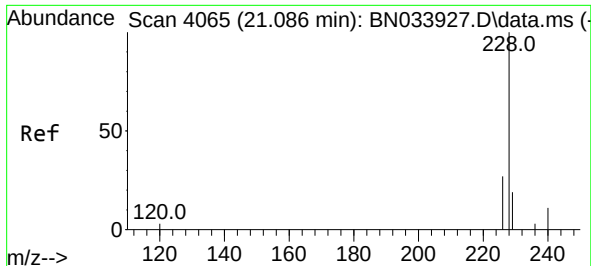
Tgt Ion:202 Resp: 15345
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.4
100 8.4 6.7 10.1



#20
Pyrene
Concen: 0.402 ng/ul
RT: 19.318 min Scan# 3611
Delta R.T. -0.002 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

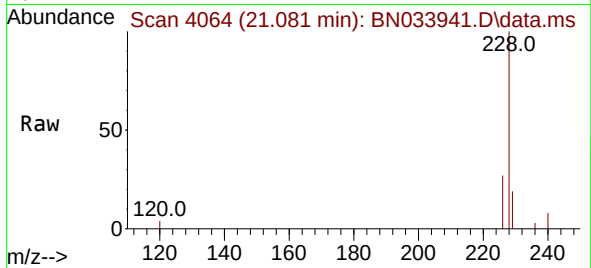
Tgt Ion:202 Resp: 16202
Ion Ratio Lower Upper
202 100
101 13.4 10.8 16.2
100 10.9 8.7 13.1



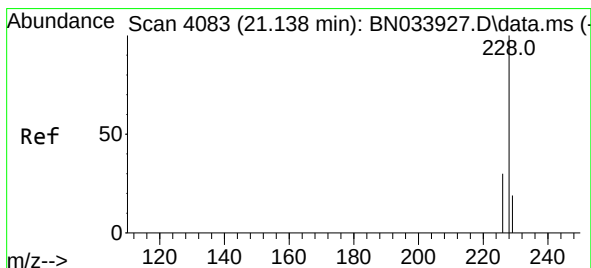
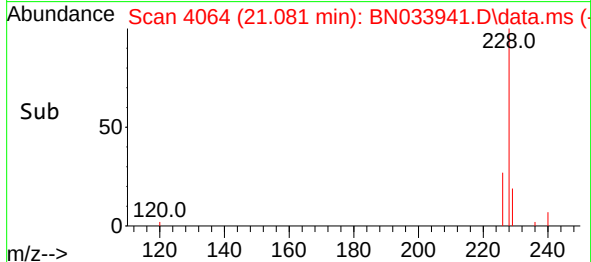
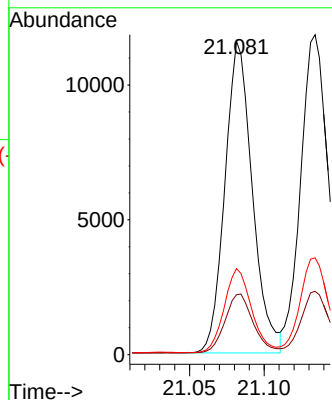


#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.081 min Scan# 4065
Delta R.T. -0.004 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

Instrument :
BNA_N
ClientSampleId :
SLCS352

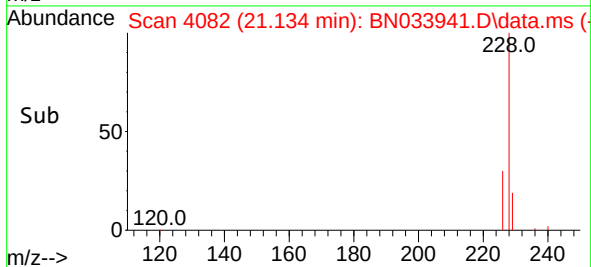
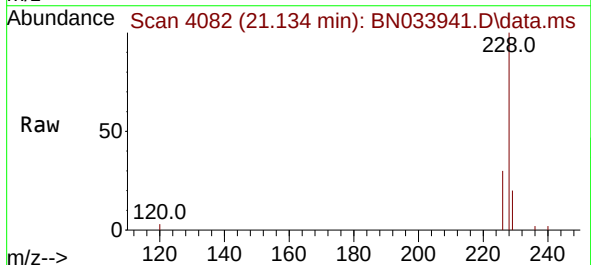
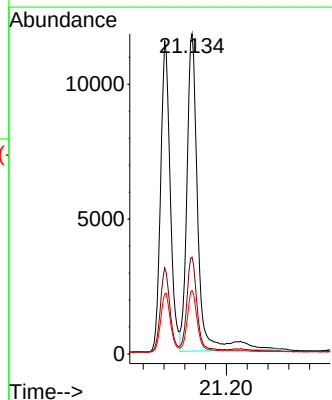


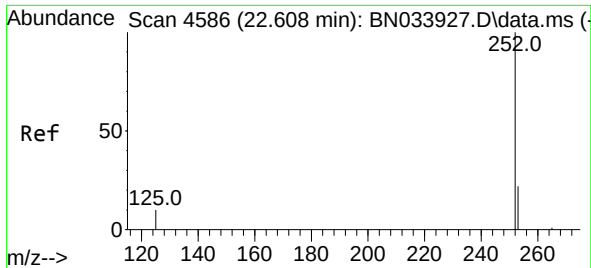
Tgt Ion:228 Resp: 14773
Ion Ratio Lower Upper
228 100
229 19.1 15.4 23.2
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.448 ng/ul
RT: 21.134 min Scan# 4082
Delta R.T. -0.004 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

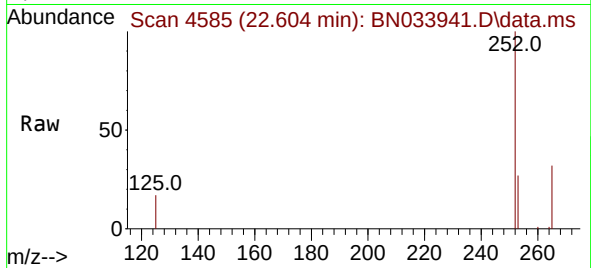
Tgt Ion:228 Resp: 17142
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.8 15.6 23.4



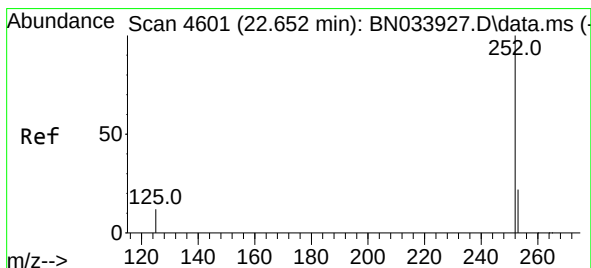
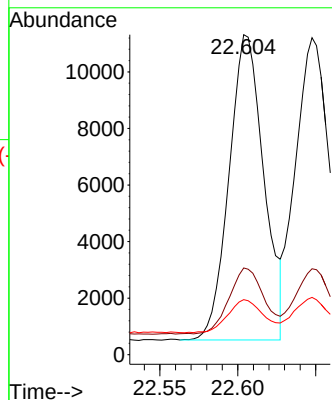


#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 22.604 min Scan# 4585
Delta R.T. -0.004 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

Instrument :
BNA_N
ClientSampleId :
SLCS352

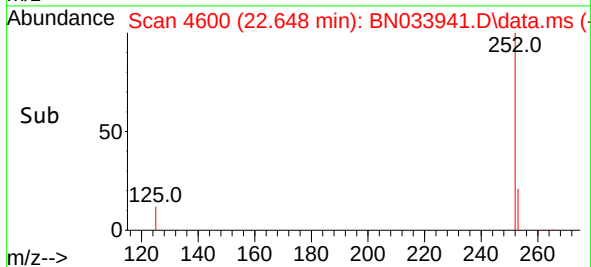
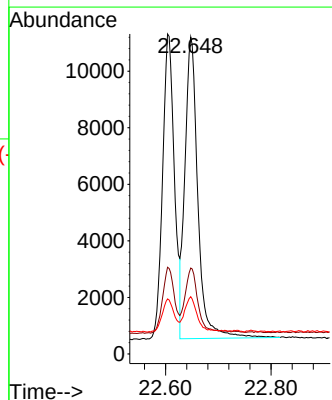
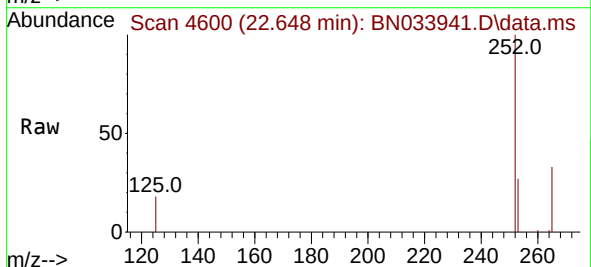


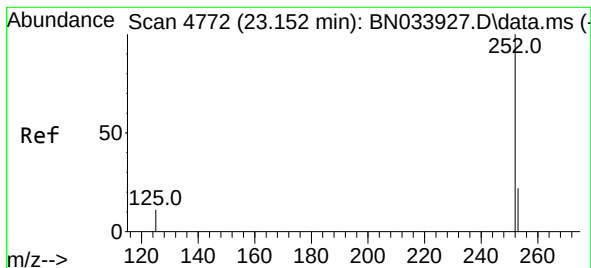
Tgt Ion:252 Resp: 16759
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.8
125 17.2 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 22.648 min Scan# 4600
Delta R.T. -0.004 min
Lab File: BN033941.D
Acq: 15 Sep 2024 07:26

Tgt Ion:252 Resp: 18093
Ion Ratio Lower Upper
252 100
253 27.1 21.4 32.0
125 18.1 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.456 ng/ul

RT: 23.145 min Scan# 41

Delta R.T. -0.007 min

Lab File: BN033941.D

Acq: 15 Sep 2024 07:26

Instrument :

BNA_N

ClientSampleId :

SLCS352

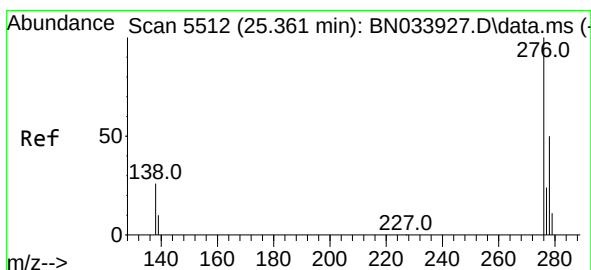
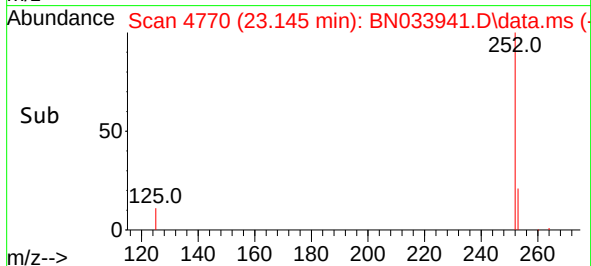
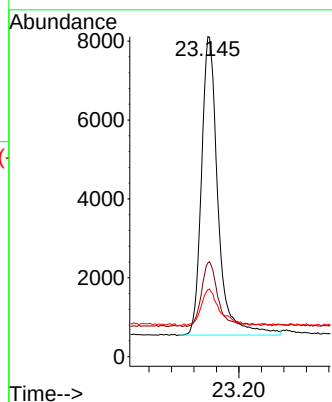
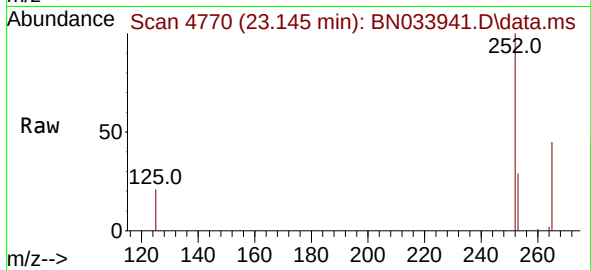
Tgt Ion:252 Resp: 15388

Ion Ratio Lower Upper

252 100

253 29.3 22.8 34.2

125 20.9 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.402 ng/ul

RT: 25.353 min Scan# 5510

Delta R.T. -0.008 min

Lab File: BN033941.D

Acq: 15 Sep 2024 07:26

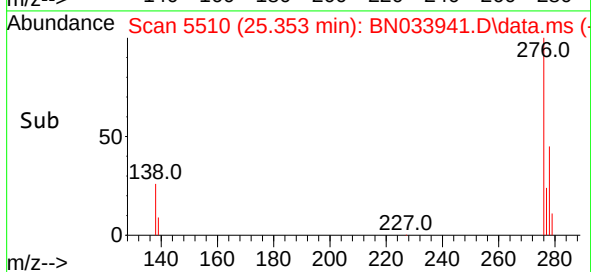
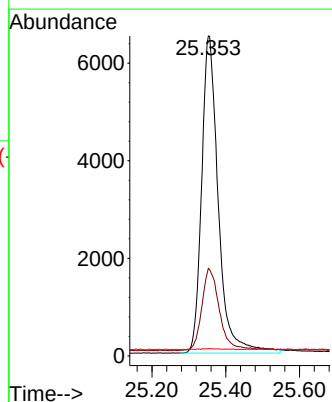
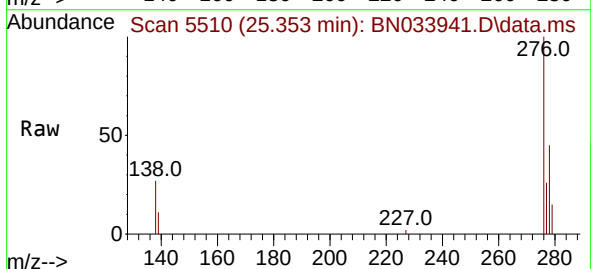
Tgt Ion:276 Resp: 20392

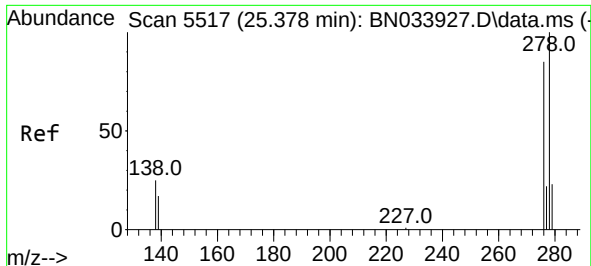
Ion Ratio Lower Upper

276 100

138 27.6 22.3 33.5

227 0.0 0.2 0.4#

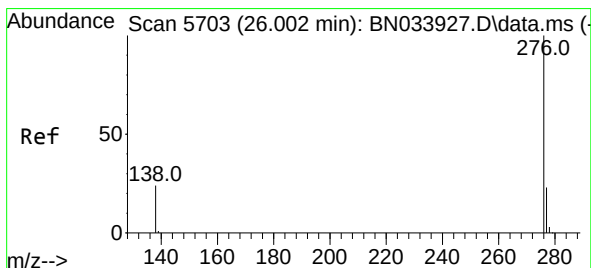
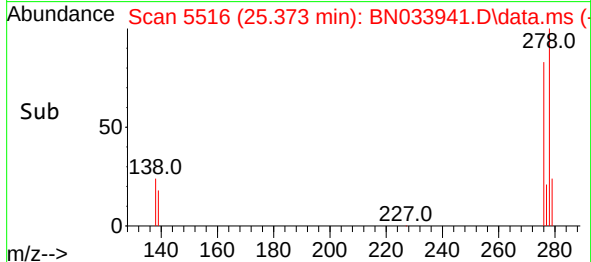
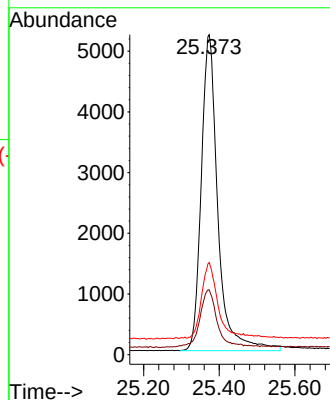
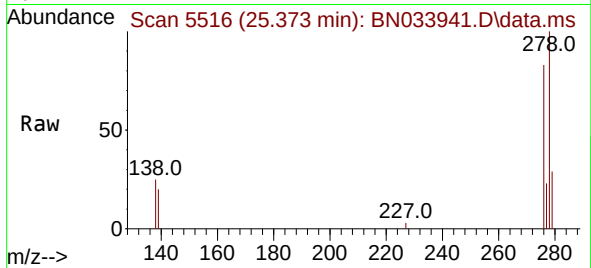




#28
 Dibenzo(a,h)anthracene
 Concen: 0.402 ng/ul
 RT: 25.373 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: BN033941.D
 Acq: 15 Sep 2024 07:26

Instrument :
 BNA_N
 ClientSampleId :
 SLCS352

Tgt Ion:278 Resp: 15823
 Ion Ratio Lower Upper
 278 100
 139 20.3 17.3 25.9
 279 28.8 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.416 ng/ul
 RT: 25.997 min Scan# 5702
 Delta R.T. -0.005 min
 Lab File: BN033941.D
 Acq: 15 Sep 2024 07:26

Tgt Ion:276 Resp: 16473
 Ion Ratio Lower Upper
 276 100
 138 24.9 20.8 31.2
 277 25.2 20.2 30.4

