

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024777.D
 Acq On : 06 Apr 2023 12:32
 Operator : CG/JU
 Sample : PB151732BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS732

Quant Time: Apr 06 22:22:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 22:19:46 2023
 Response via : Initial Calibration

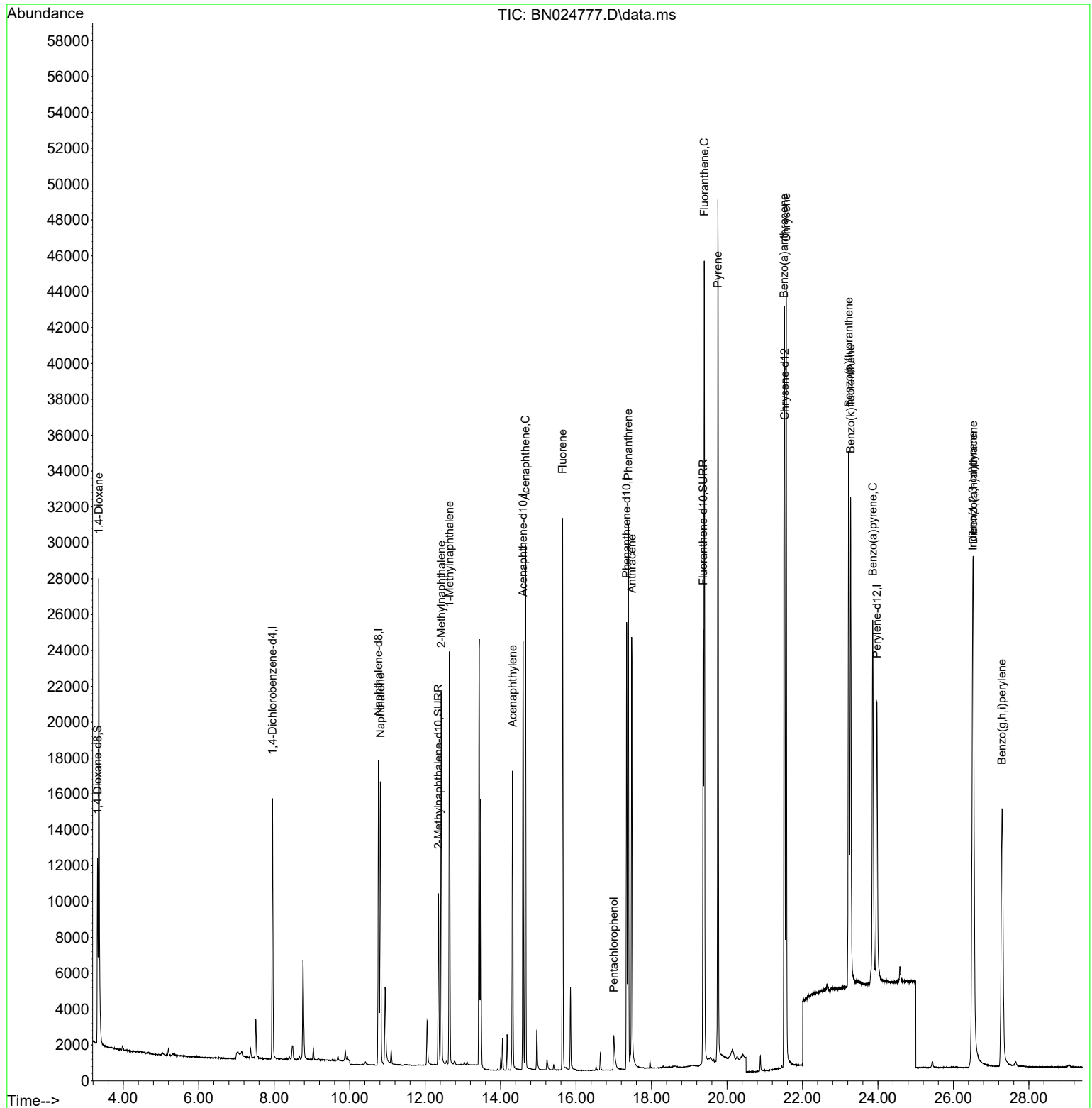
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7774	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	22079	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.594	164	12739	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	28205	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	23889	0.400	ng/ul	0.00
23) Perylene-d12	23.973	264	22668	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6062	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	11994	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	26467	0.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	16750	1.995	ng/ul	93
5) Naphthalene	10.814	128	22232	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	14632	0.433	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	15640	0.443	ng/ul	100
10) Acenaphthylene	14.317	152	19049	0.423	ng/ul	100
11) Acenaphthene	14.659	153	16810	0.430	ng/ul	99
12) Fluorene	15.644	166	19122	0.429	ng/ul	99
14) Pentachlorophenol	17.001	266	2240	0.367	ng/ul	99
15) Phenanthrene	17.381	178	32747	0.423	ng/ul	100
16) Anthracene	17.474	178	27435	0.425	ng/ul	100
19) Fluoranthene	19.397	202	37982	0.451	ng/ul	97
20) Pyrene	19.759	202	39198	0.457	ng/ul	97
21) Benzo(a)anthracene	21.512	228	35293	0.492	ng/ul	99
22) Chrysene	21.568	228	38452	0.487	ng/ul	100
24) Benzo(b)fluoranthene	23.225	252	39932	0.424	ng/ul	100
25) Benzo(k)fluoranthene	23.275	252	38856	0.429	ng/ul	98
26) Benzo(a)pyrene	23.862	252	33509	0.452	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.511	276	42174	0.478	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.528	278	33391	0.473	ng/ul	98
29) Benzo(g,h,i)perylene	27.289	276	35714	0.471	ng/ul	99

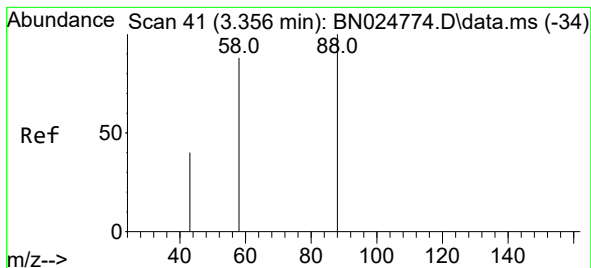
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.995 ng/ul

RT: 3.352 min Scan# 40

Delta R.T. -0.004 min

Lab File: BN024777.D

Acq: 06 Apr 2023 12:32

Instrument :

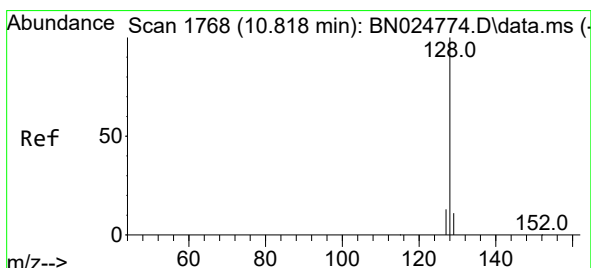
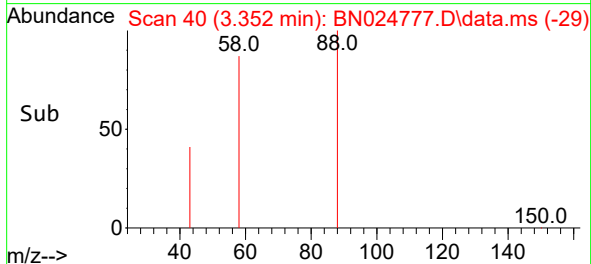
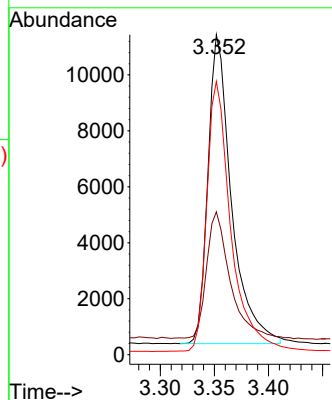
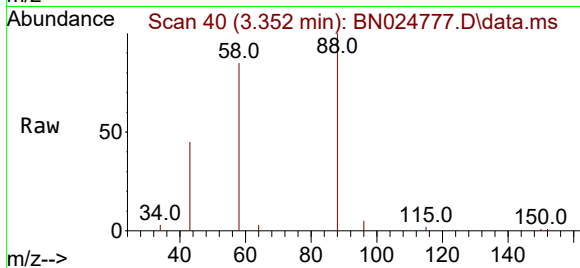
BNA_N

ClientSampleId :

SLCS732

Tgt Ion: 88 Resp: 16750

Ion	Ratio	Lower	Upper
88	100		
43	44.6	37.2	55.8
58	85.4	61.5	92.3



#5

Naphthalene

Concen: 0.410 ng/ul

RT: 10.814 min Scan# 1767

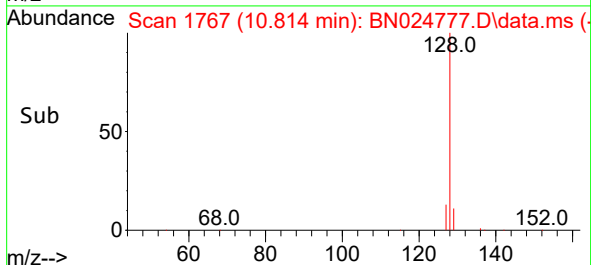
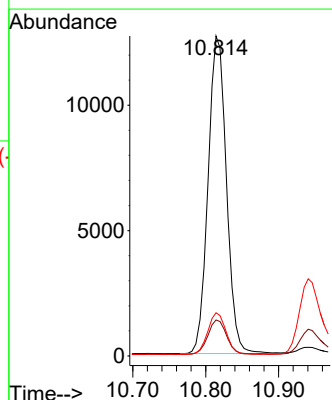
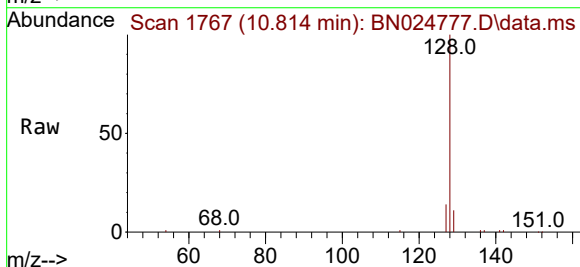
Delta R.T. -0.004 min

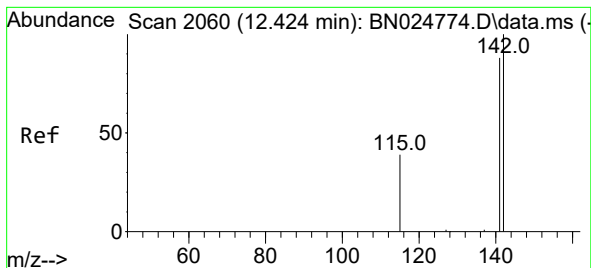
Lab File: BN024777.D

Acq: 06 Apr 2023 12:32

Tgt Ion: 128 Resp: 22232

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.5	15.7

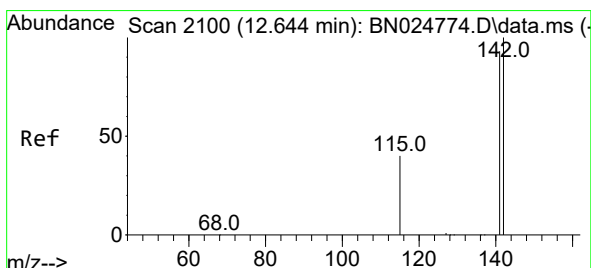
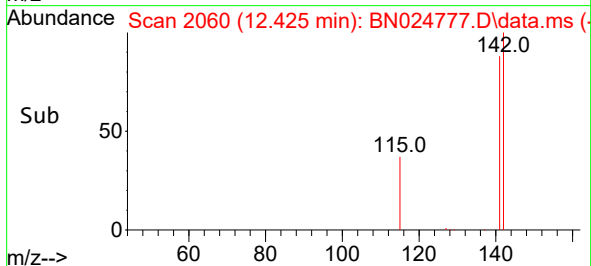
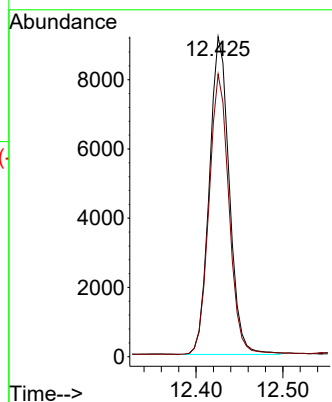
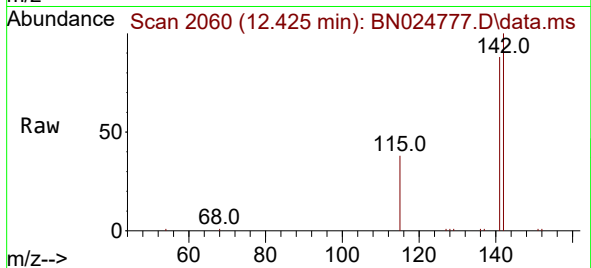




#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. 0.001 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

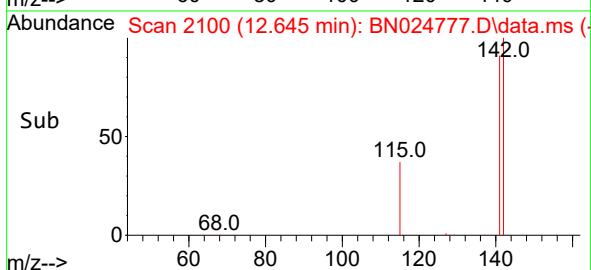
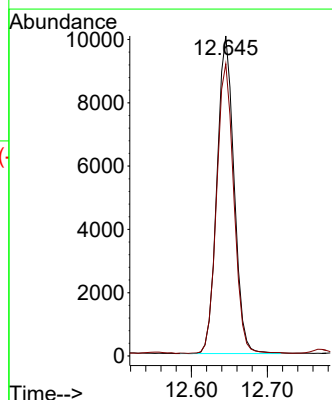
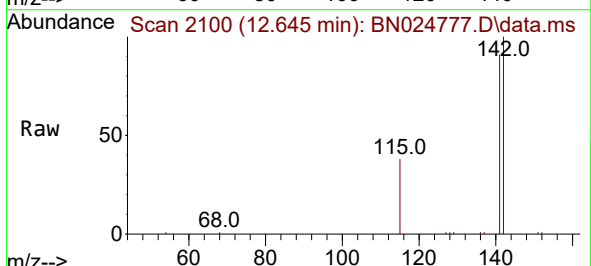
Instrument :
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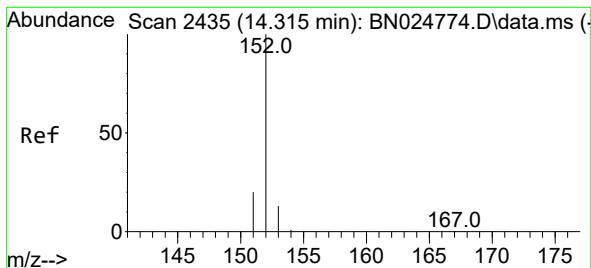
Tgt Ion:142 Resp: 14632
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. 0.001 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:142 Resp: 15640
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3





#10

Acenaphthylene

Concen: 0.423 ng/ul

RT: 14.317 min Scan# 2435

Delta R.T. 0.001 min

Lab File: BN024777.D

Acq: 06 Apr 2023 12:32

Instrument :

BNA_N

ClientSampleId :

SLCS732

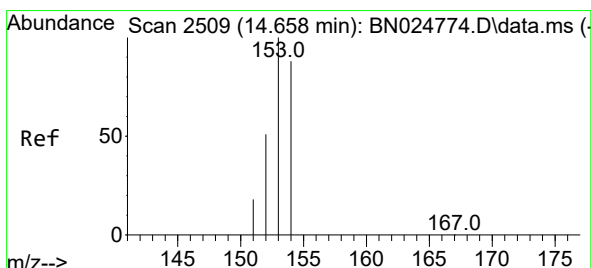
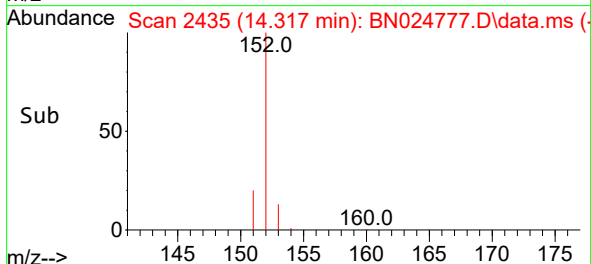
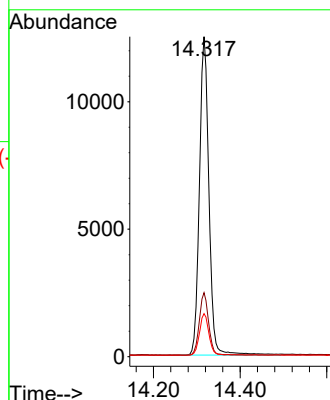
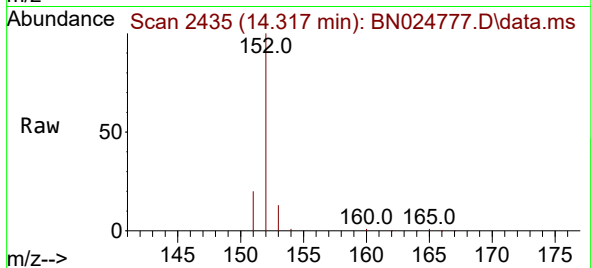
Tgt Ion:152 Resp: 19049

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.5 10.6 16.0



#11

Acenaphthene

Concen: 0.430 ng/ul

RT: 14.659 min Scan# 2509

Delta R.T. 0.001 min

Lab File: BN024777.D

Acq: 06 Apr 2023 12:32

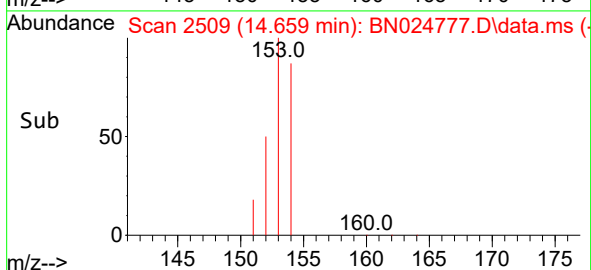
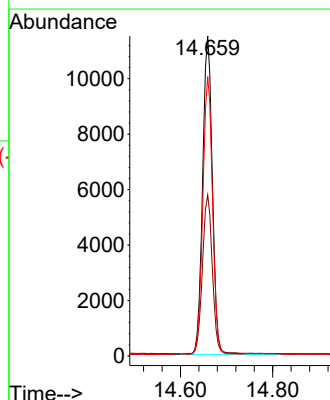
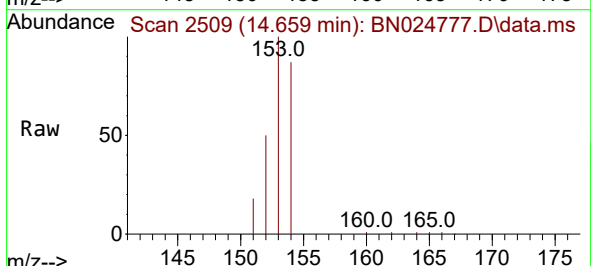
Tgt Ion:153 Resp: 16810

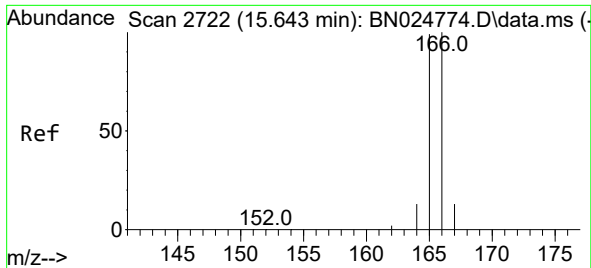
Ion Ratio Lower Upper

153 100

152 50.3 40.3 60.5

154 87.3 71.0 106.4

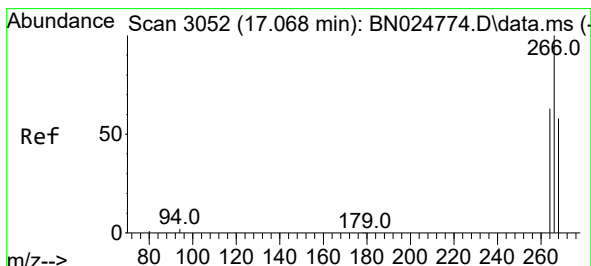
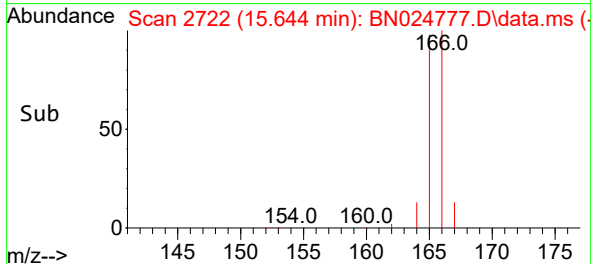
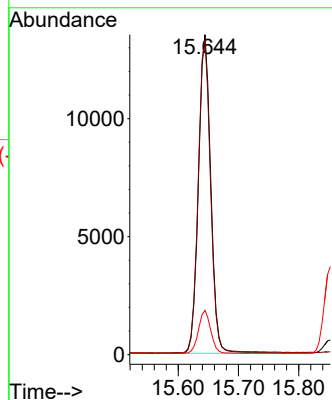
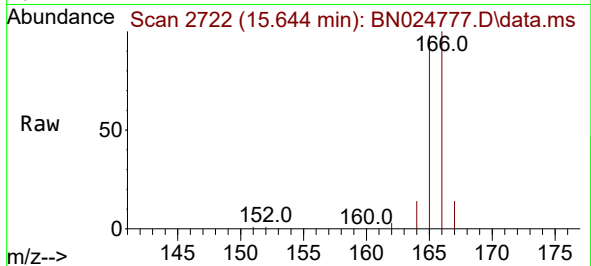




#12
Fluorene
Concen: 0.429 ng/ul
RT: 15.644 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

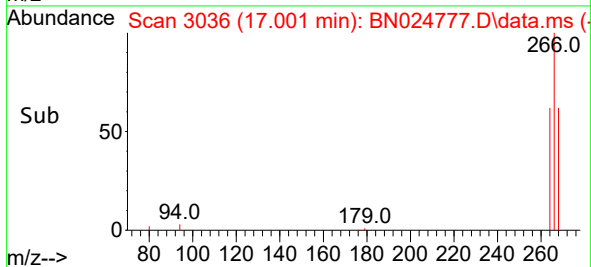
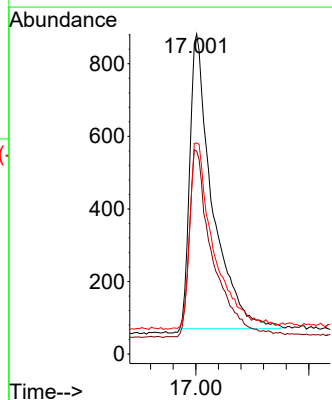
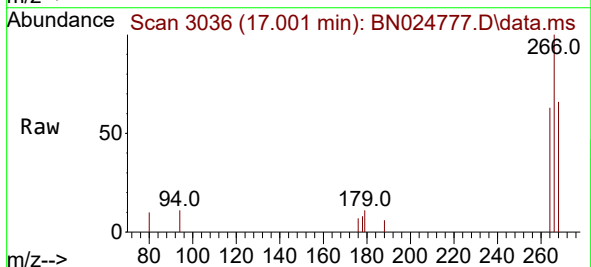
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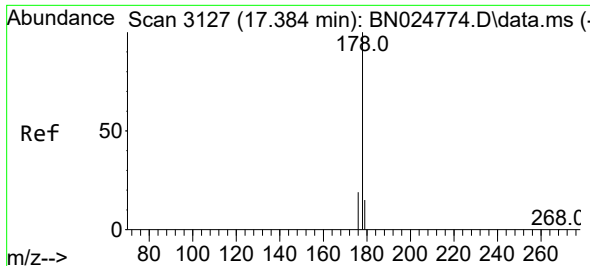
Tgt Ion:166 Resp: 19122
Ion Ratio Lower Upper
166 100
165 98.4 80.0 120.0
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.367 ng/ul
RT: 17.001 min Scan# 3036
Delta R.T. -0.066 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:266 Resp: 2240
Ion Ratio Lower Upper
266 100
264 62.1 49.6 74.4
268 64.8 52.6 78.8

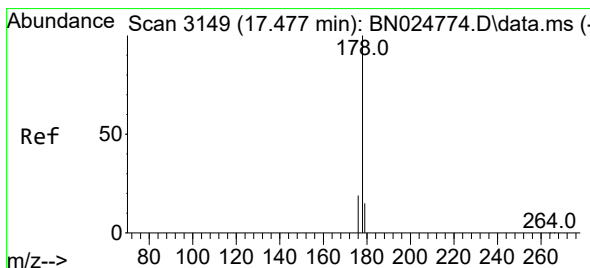
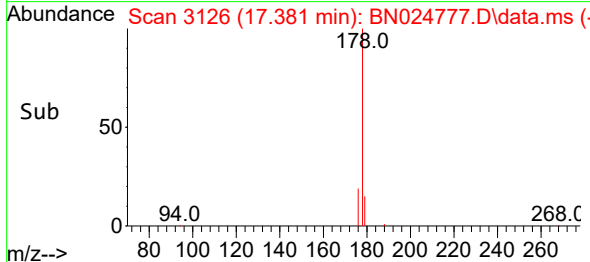
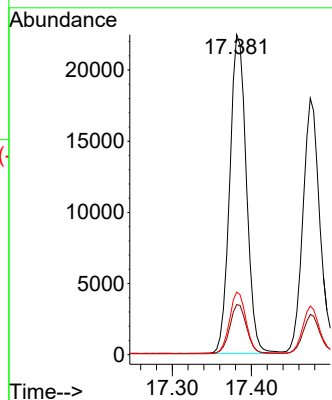
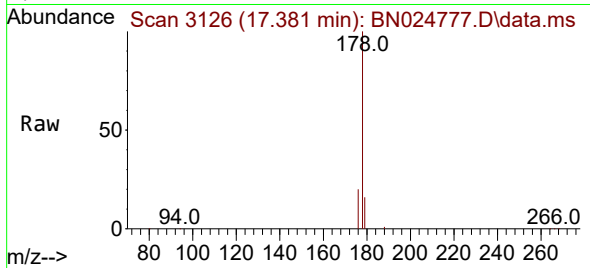




#15
Phenanthrene
Concen: 0.423 ng/ul
RT: 17.381 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

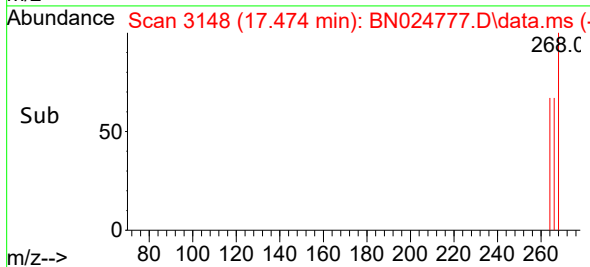
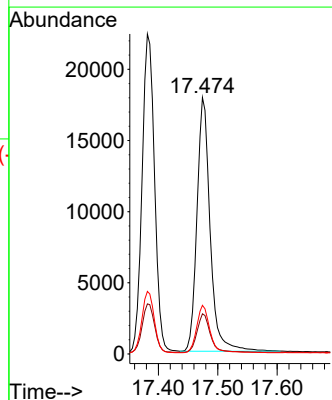
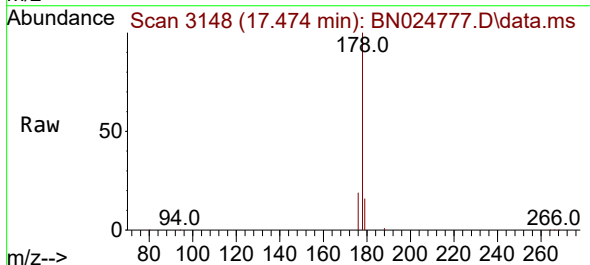
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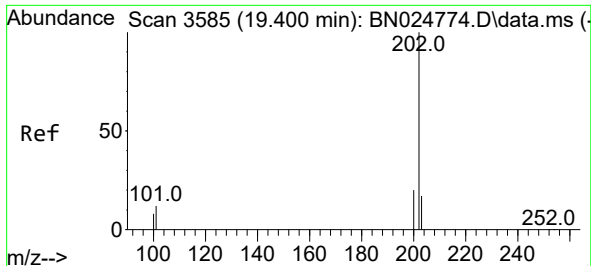
Tgt Ion:178 Resp: 32747
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.425 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:178 Resp: 27435
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.2 22.8

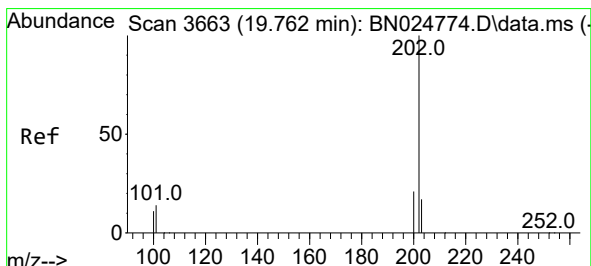
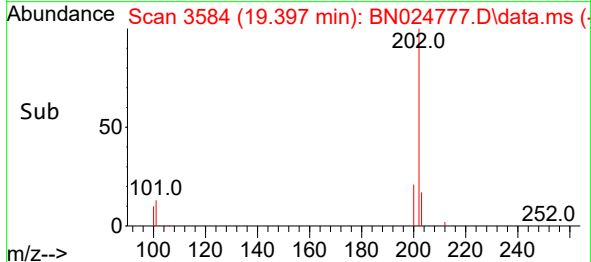
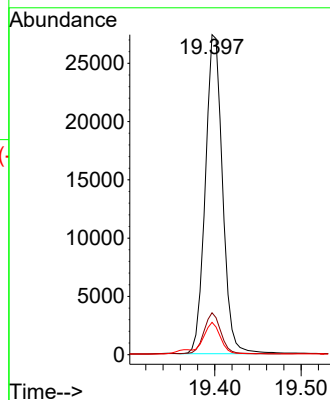
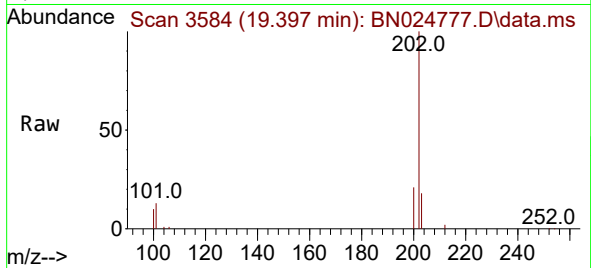




#19
Fluoranthene
Concen: 0.451 ng/ul
RT: 19.397 min Scan# 3584
Delta R.T. -0.003 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

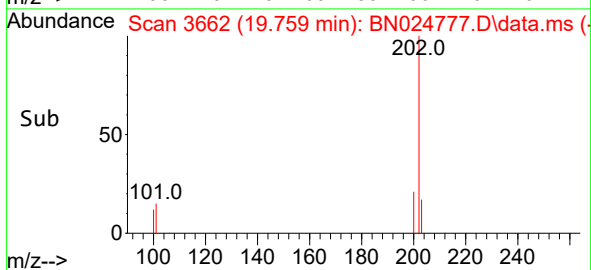
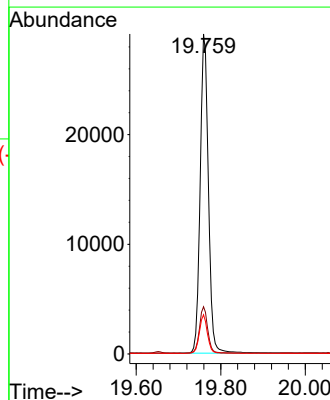
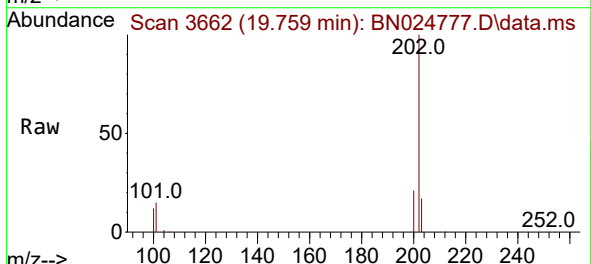
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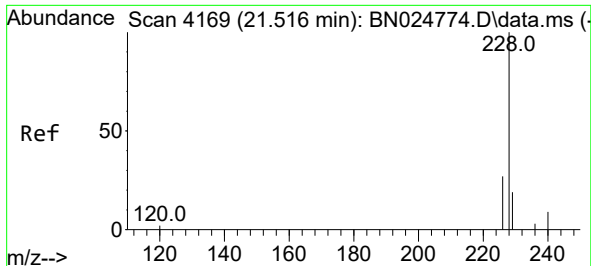
Tgt Ion:202 Resp: 37982
Ion Ratio Lower Upper
202 100
101 13.1 9.6 14.4
100 10.1 7.0 10.6



#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.003 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:202 Resp: 39198
Ion Ratio Lower Upper
202 100
101 14.8 10.9 16.3
100 12.3 8.7 13.1

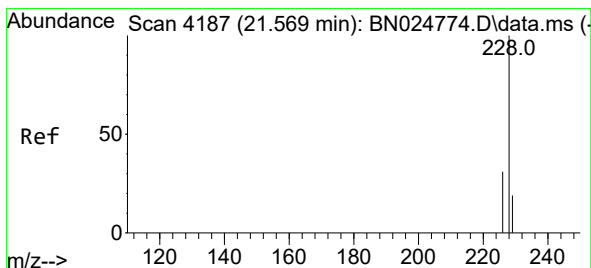
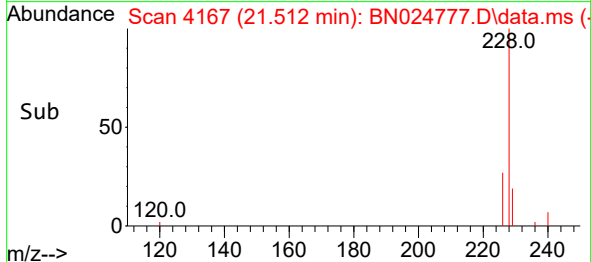
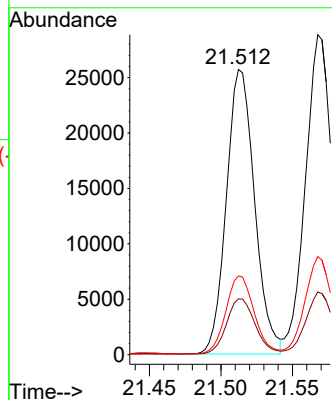
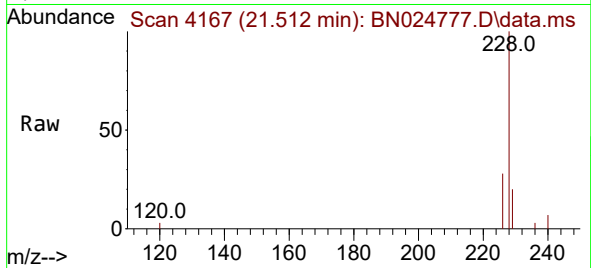




#21
Benzo(a)anthracene
Concen: 0.492 ng/ul
RT: 21.512 min Scan# 4169
Delta R.T. -0.004 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

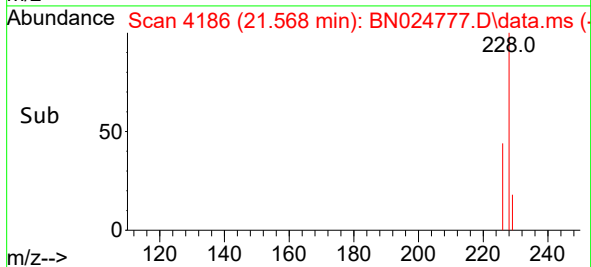
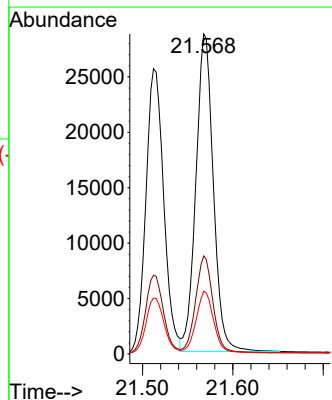
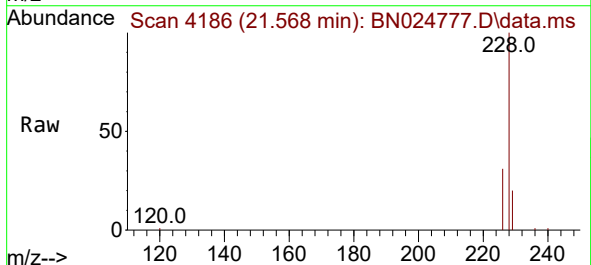
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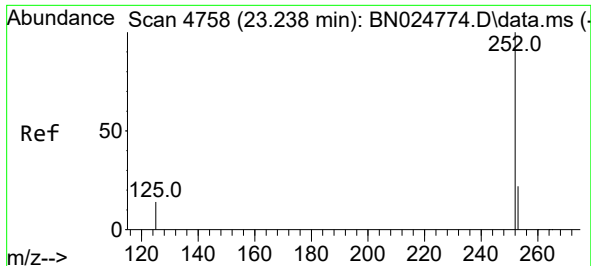
Tgt Ion:228 Resp: 35293
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.487 ng/ul
RT: 21.568 min Scan# 4186
Delta R.T. -0.001 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

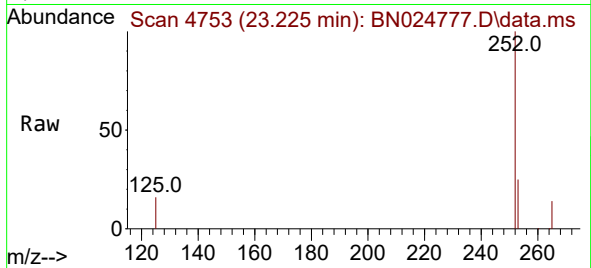
Tgt Ion:228 Resp: 38452
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.6 15.6 23.4



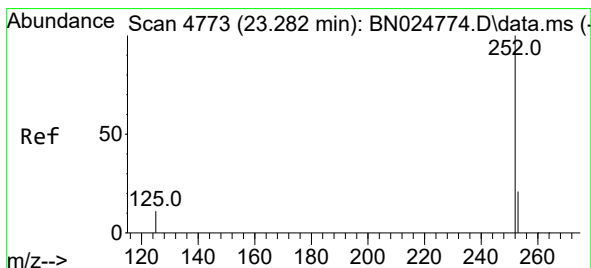
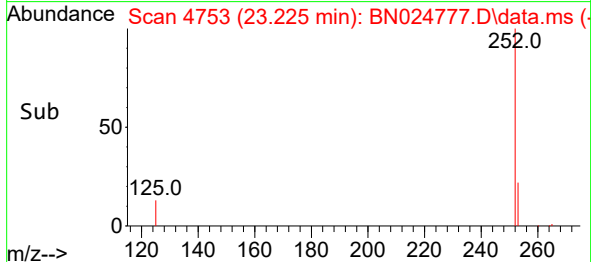
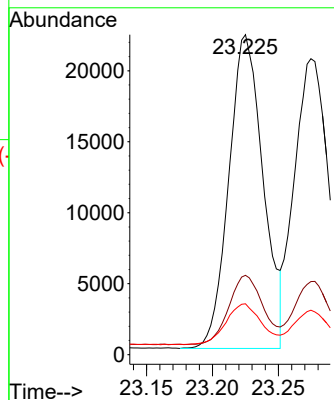


#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 23.225 min Scan# 41
Delta R.T. -0.013 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Instrument :
BNA_N
ClientSampleId :
SLCS732

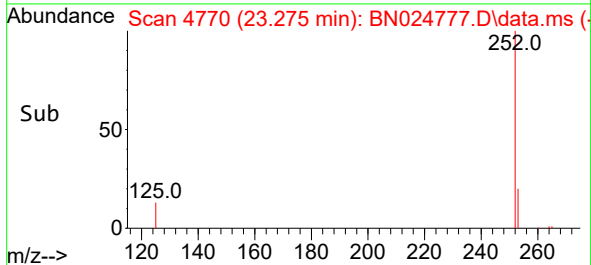
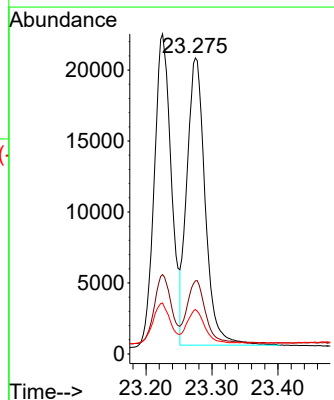
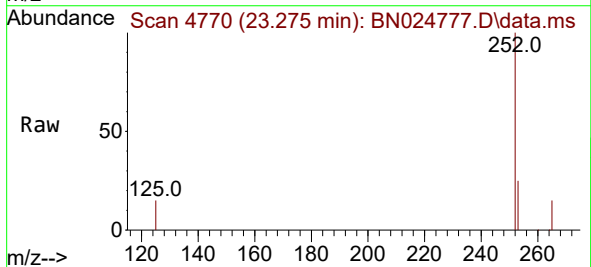


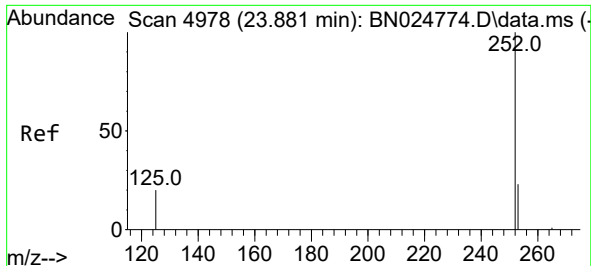
Tgt Ion:252 Resp: 39932
Ion Ratio Lower Upper
252 100
253 24.8 0.0 49.6
125 15.9 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 23.275 min Scan# 4770
Delta R.T. -0.007 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:252 Resp: 38856
Ion Ratio Lower Upper
252 100
253 24.7 20.2 30.2
125 15.0 13.1 19.7

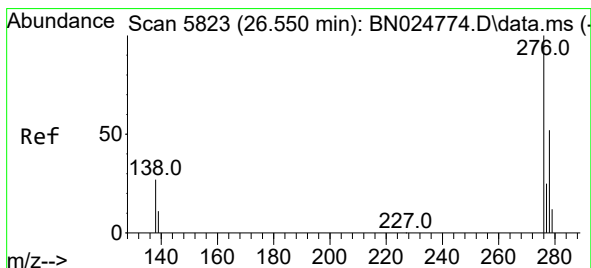
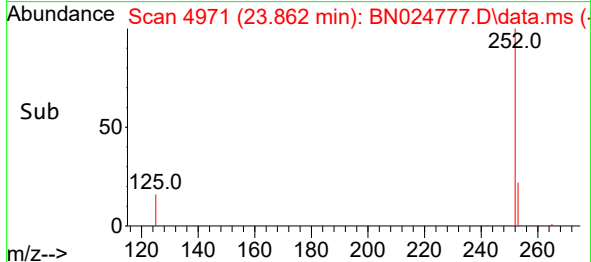
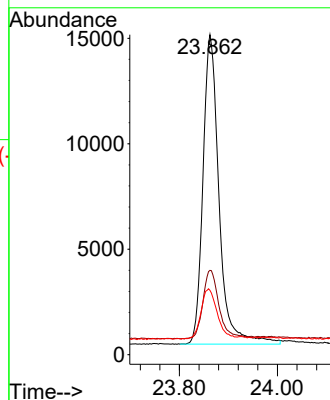
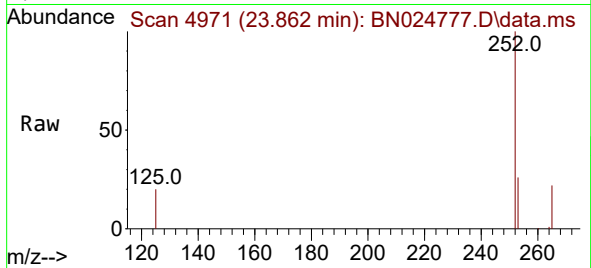




#26
Benzo(a)pyrene
Concen: 0.452 ng/ul
RT: 23.862 min Scan# 4978
Delta R.T. -0.019 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

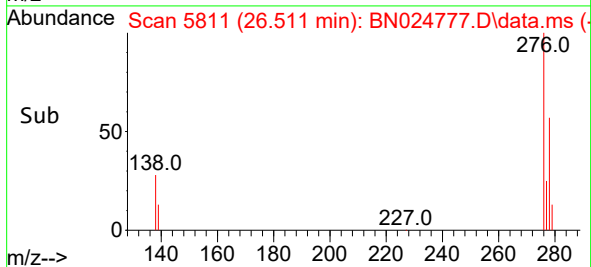
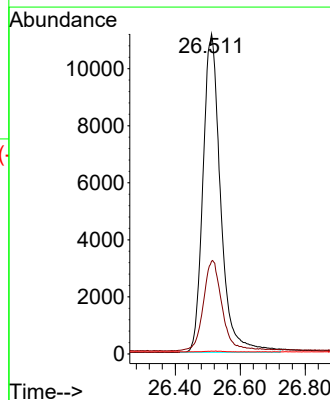
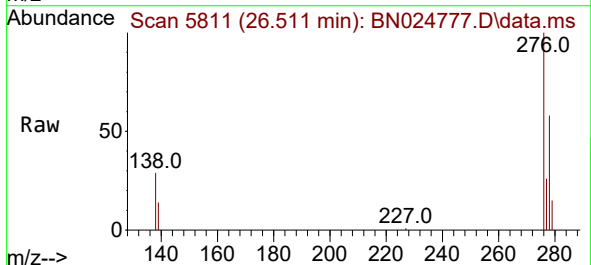
Instrument :
BNA_N
ClientSampleId :
SLCS732

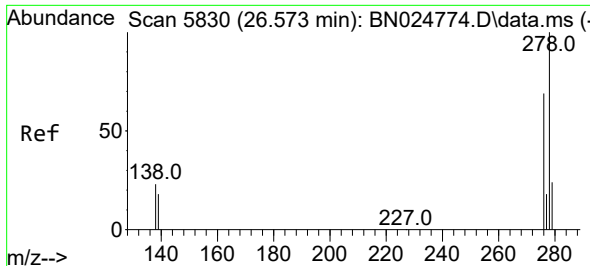
Tgt Ion:252 Resp: 33509
Ion Ratio Lower Upper
252 100
253 26.3 21.8 32.8
125 20.1 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.478 ng/ul
RT: 26.511 min Scan# 5811
Delta R.T. -0.039 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:276 Resp: 42174
Ion Ratio Lower Upper
276 100
138 30.2 24.6 36.8
227 0.3 0.1 0.1#

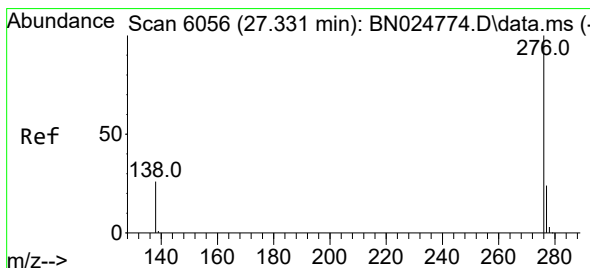
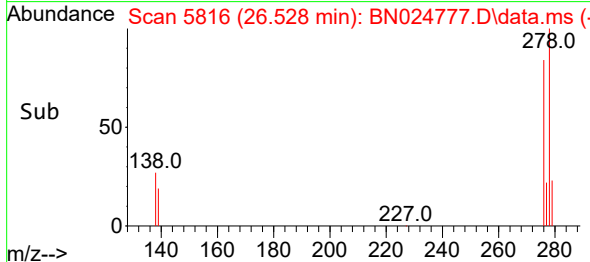
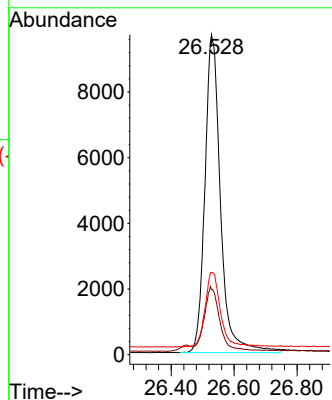
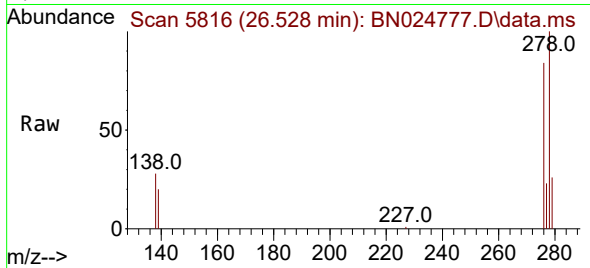




#28
Dibenzo(a,h)anthracene
Concen: 0.473 ng/ul
RT: 26.528 min Scan# 51
Delta R.T. -0.045 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Instrument :
BNA_N
ClientSampleId :
SLCS732

Tgt Ion:278 Resp: 33391
Ion Ratio Lower Upper
278 100
139 20.3 16.5 24.7
279 25.8 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.471 ng/ul
RT: 27.289 min Scan# 6043
Delta R.T. -0.042 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:276 Resp: 35714
Ion Ratio Lower Upper
276 100
138 26.8 21.4 32.2
277 24.1 19.8 29.6

