

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022524.D
 Acq On : 07 Nov 2022 13:06
 Operator : CG/JU
 Sample : PB148655BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS655

Quant Time: Nov 07 23:33:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:30:37 2022
 Response via : Initial Calibration

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

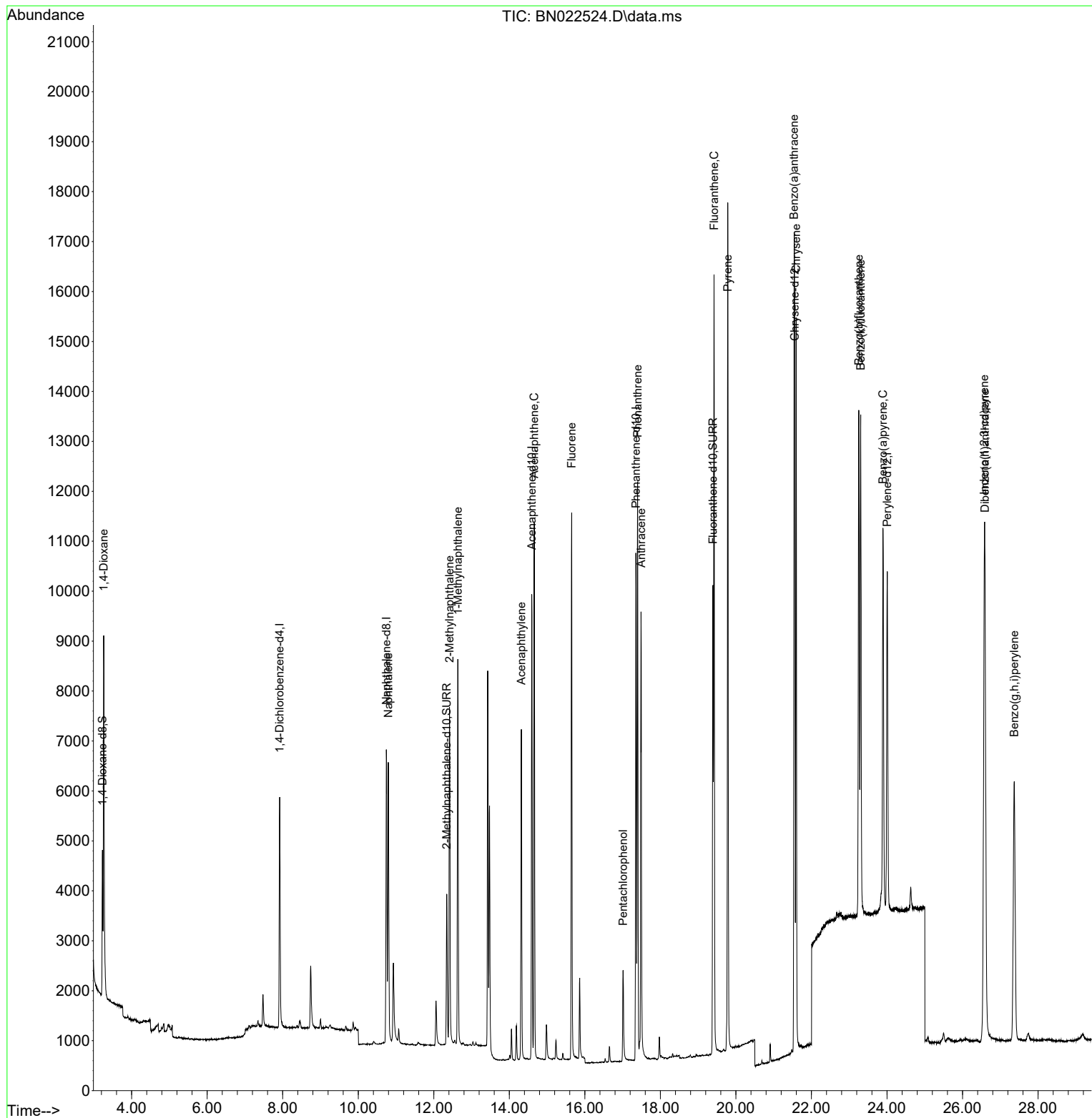
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	2644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	8552	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.595	164	5249	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	11531	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	10029	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	9583	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	2023	0.589	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	4295	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.393	212	9944	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.261	88	5242	1.486	ng/ul#	81
5) Naphthalene	10.794	128	8037	0.318	ng/ul	98
7) 2-Methylnaphthalene	12.417	142	5135	0.323	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	5593	0.342	ng/ul	99
10) Acenaphthylene	14.318	152	7778	0.330	ng/ul	98
11) Acenaphthene	14.660	153	6168	0.310	ng/ul	100
12) Fluorene	15.650	166	7146	0.310	ng/ul	99
14) Pentachlorophenol	17.011	266	1480	0.540	ng/ul	99
15) Phenanthrene	17.395	178	12127	0.313	ng/ul	99
16) Anthracene	17.488	178	10221	0.313	ng/ul	98
19) Fluoranthene	19.421	202	13111	0.285	ng/ul	99
20) Pyrene	19.784	202	13979	0.303	ng/ul	98
21) Benzo(a)anthracene	21.541	228	12850	0.342	ng/ul	98
22) Chrysene	21.596	228	12745	0.320	ng/ul	99
24) Benzo(b)fluoranthene	23.254	252	13521	0.281	ng/ul	93
25) Benzo(k)fluoranthene	23.303	252	13193	0.282	ng/ul	94
26) Benzo(a)pyrene	23.894	252	11827	0.308	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.578	276	14499	0.304	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	11480	0.301	ng/ul	93
29) Benzo(g,h,i)perylene	27.369	276	11666	0.300	ng/ul	97

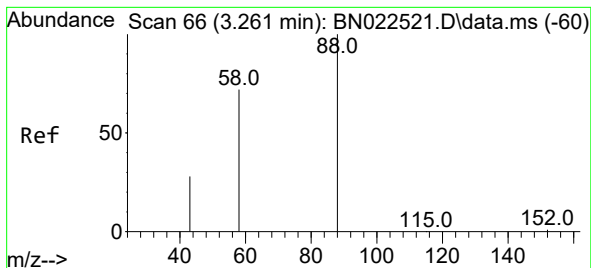
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.486 ng/ul

RT: 3.261 min Scan# 60

Delta R.T. -0.000 min

Lab File: BN022524.D

Acq: 07 Nov 2022 13:06

Instrument :

BNA_N

ClientSampleId :

SLCS655

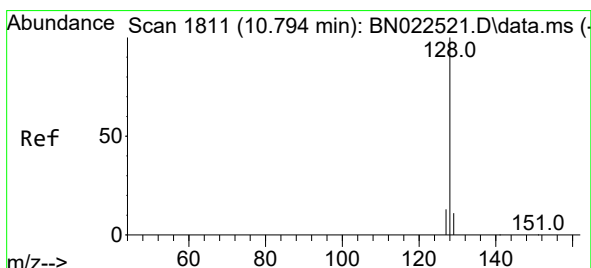
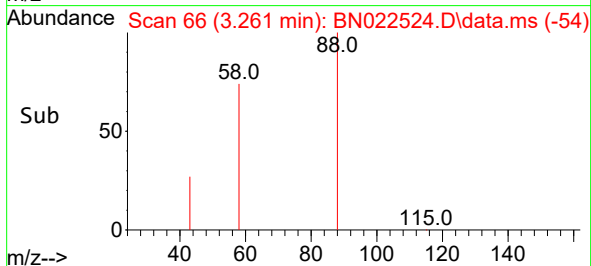
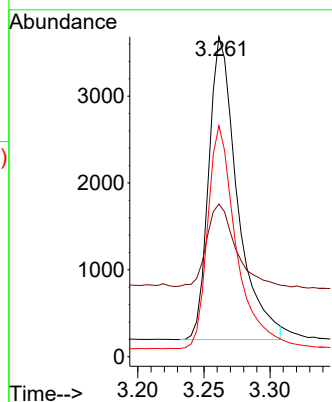
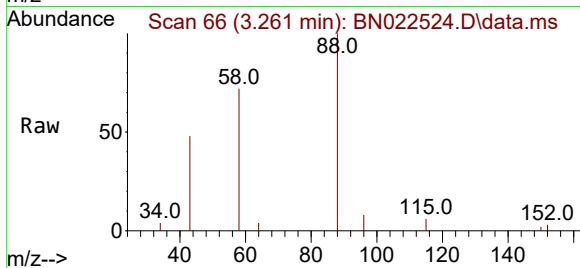
Tgt Ion: 88 Resp: 5242

Ion Ratio Lower Upper

88 100

43 47.7 27.4 41.2#

58 72.2 48.2 72.2



#5

Naphthalene

Concen: 0.318 ng/ul

RT: 10.794 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BN022524.D

Acq: 07 Nov 2022 13:06

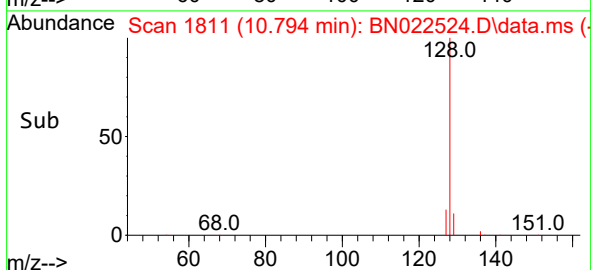
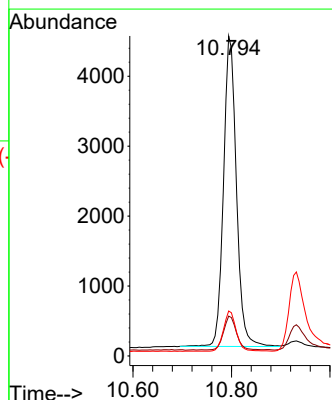
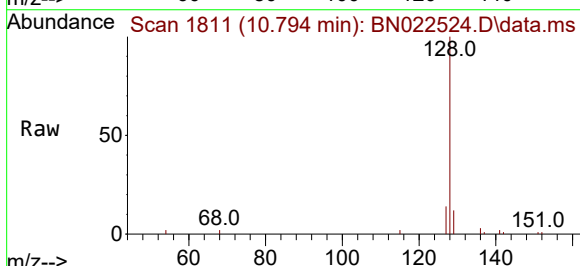
Tgt Ion: 128 Resp: 8037

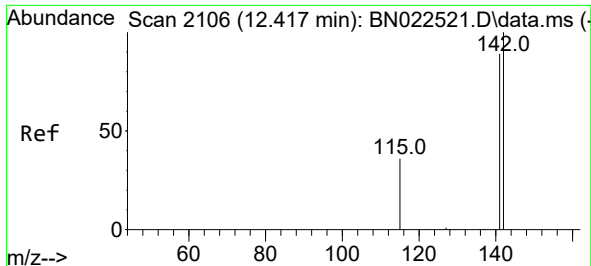
Ion Ratio Lower Upper

128 100

129 12.5 9.3 13.9

127 14.1 10.7 16.1

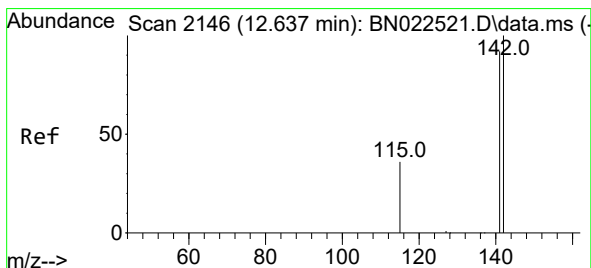
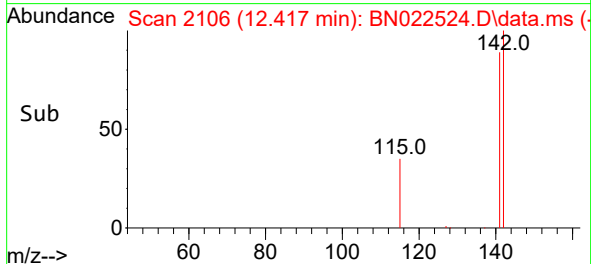
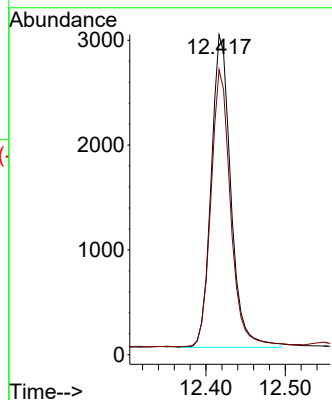
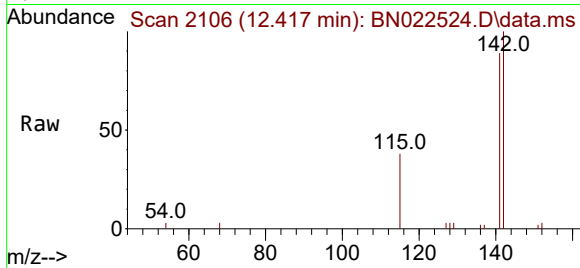




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.417 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

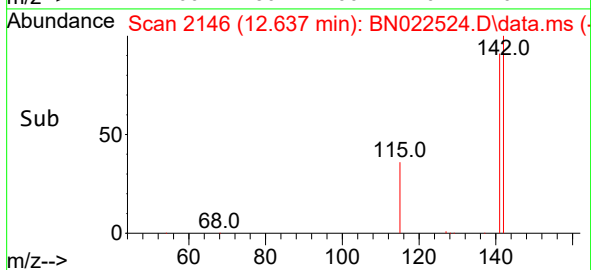
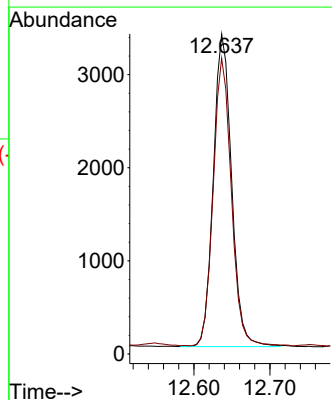
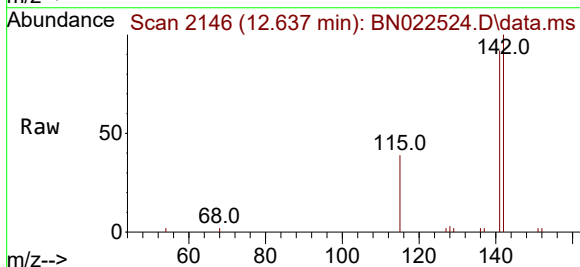
Instrument :
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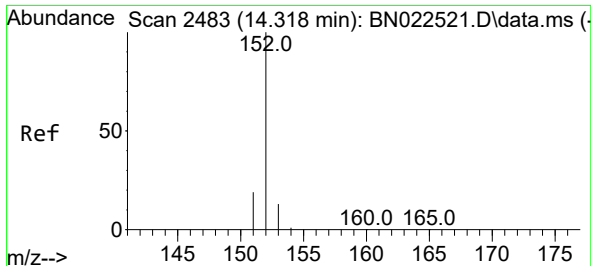
Tgt Ion:142 Resp: 5135
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.637 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Tgt Ion:142 Resp: 5593
Ion Ratio Lower Upper
142 100
141 91.0 73.3 109.9

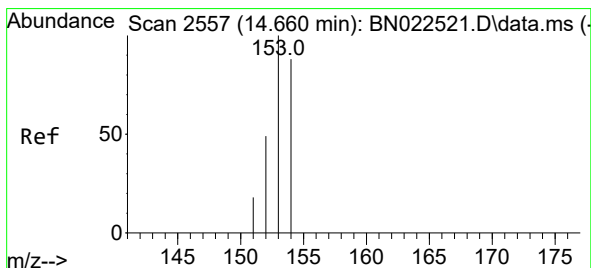
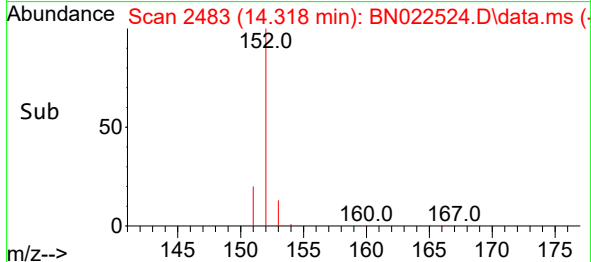
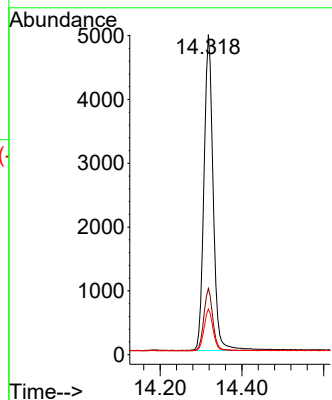
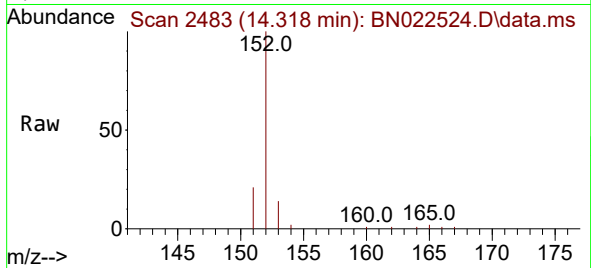




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

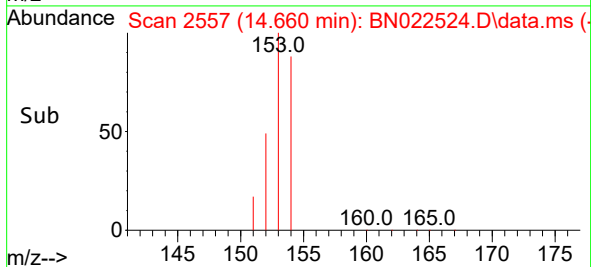
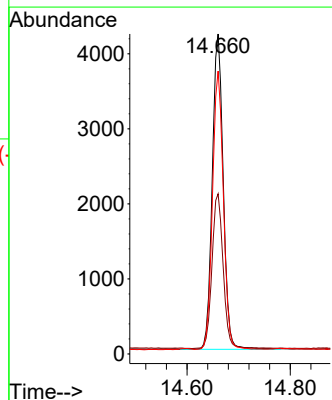
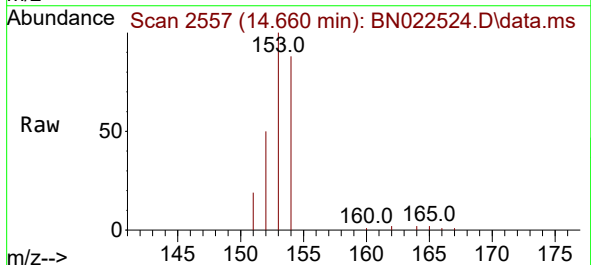
Instrument :
BNA_N
ClientSampleId :
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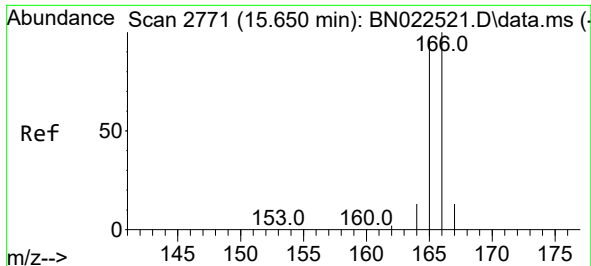
Tgt Ion:152 Resp: 7778
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 14.3 10.8 16.2



#11
Acenaphthene
Concen: 0.310 ng/ul
RT: 14.660 min Scan# 2557
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Tgt Ion:153 Resp: 6168
Ion Ratio Lower Upper
153 100
152 50.0 40.6 61.0
154 88.4 70.6 106.0

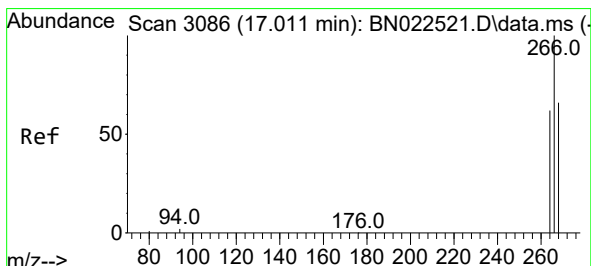
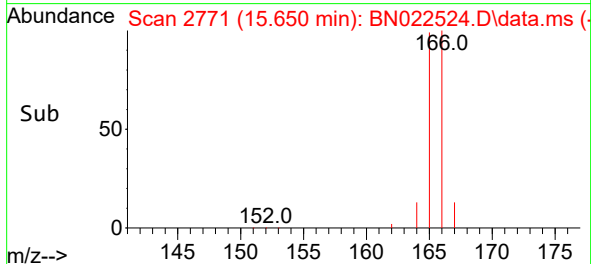
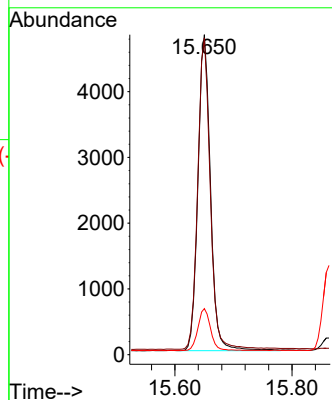
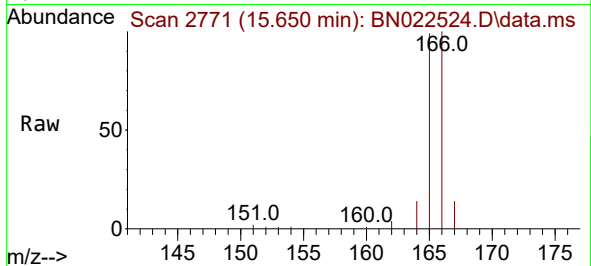




#12
 Fluorene
 Concen: 0.310 ng/ul
 RT: 15.650 min Scan# 2771
 Delta R.T. -0.000 min
 Lab File: BN022524.D
 Acq: 07 Nov 2022 13:06

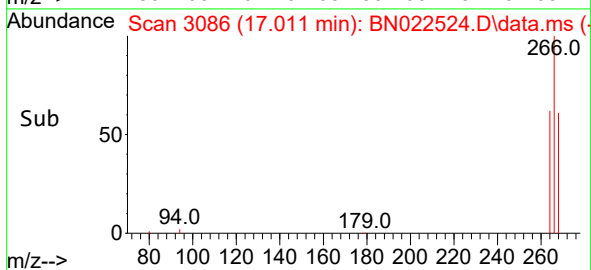
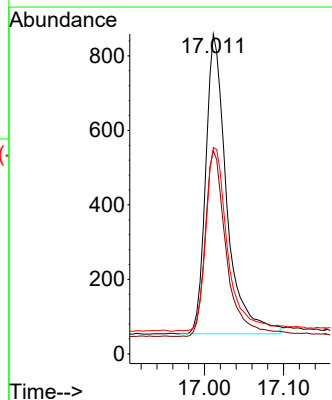
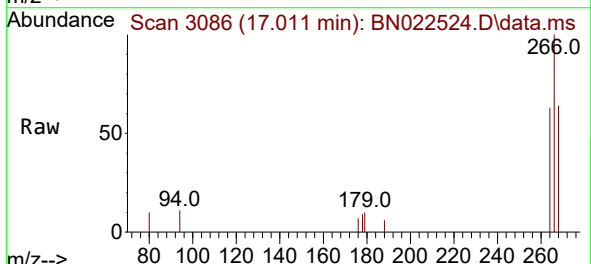
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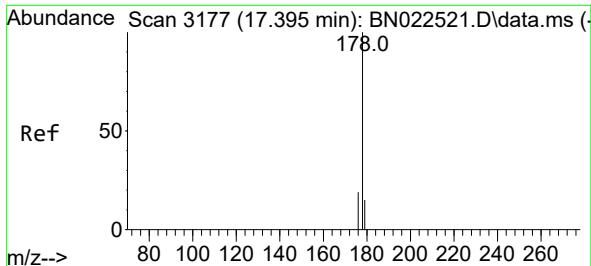
Tgt Ion:166 Resp: 7146
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.2 117.2
 167 14.4 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.540 ng/ul
 RT: 17.011 min Scan# 3086
 Delta R.T. -0.000 min
 Lab File: BN022524.D
 Acq: 07 Nov 2022 13:06

Tgt Ion:266 Resp: 1480
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.8 74.6
 268 63.5 51.4 77.2

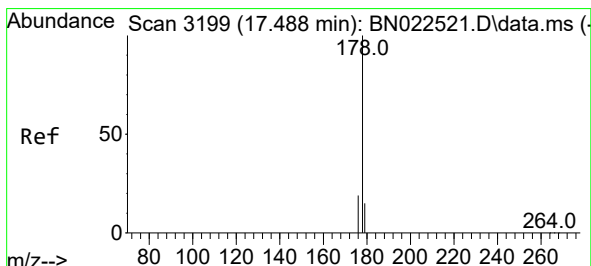
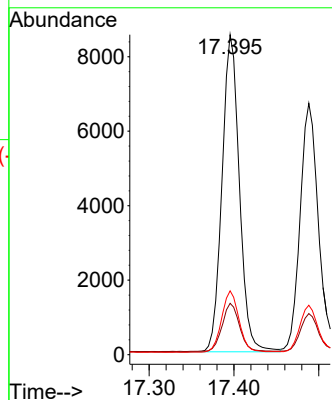
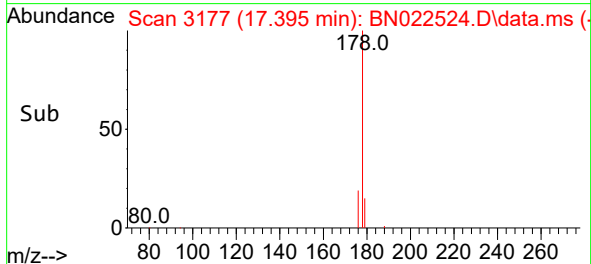
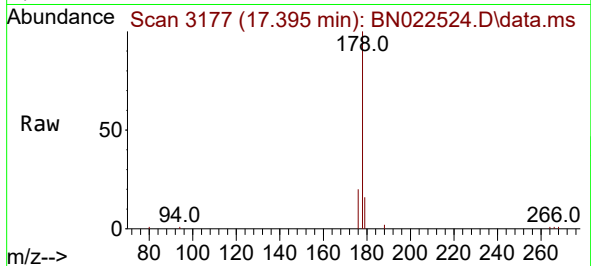




#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

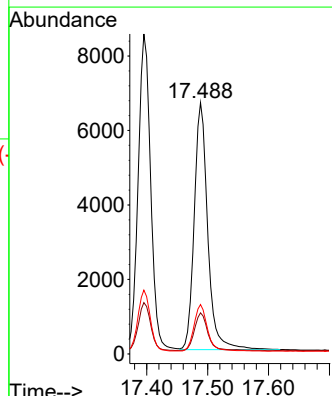
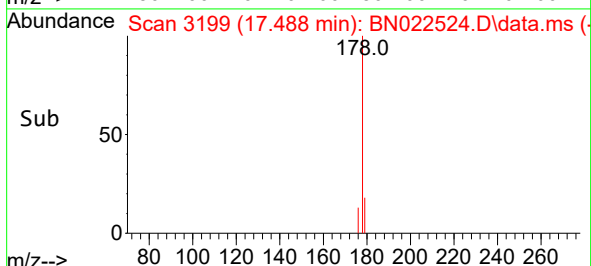
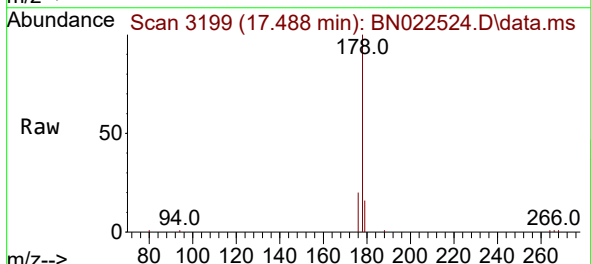
Instrument :
BNA_N
ClientSampleId :
SLCS655

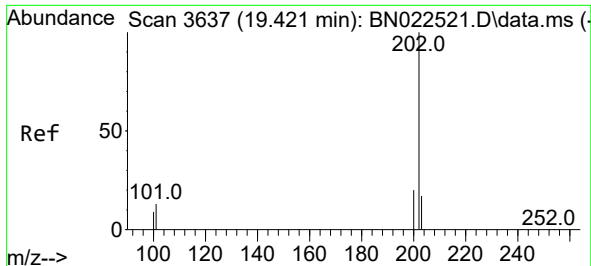
Tgt Ion:	178	Resp:	12127
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	19.9	15.4	23.2



#16
Anthracene
Concen: 0.313 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Tgt Ion:	178	Resp:	10221
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	18.8
176	19.7	15.0	22.6

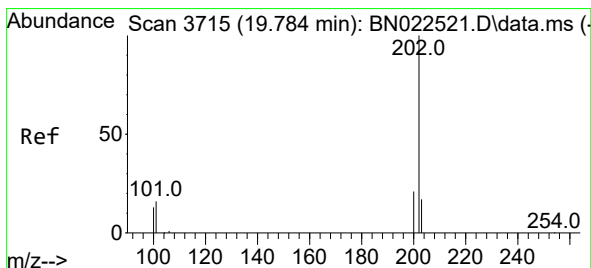
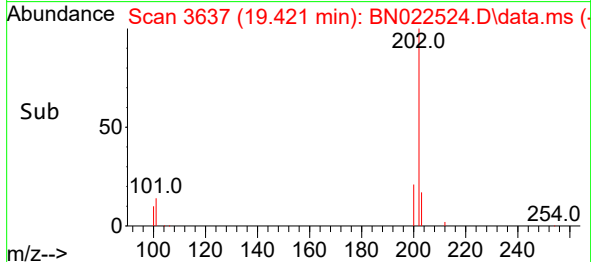
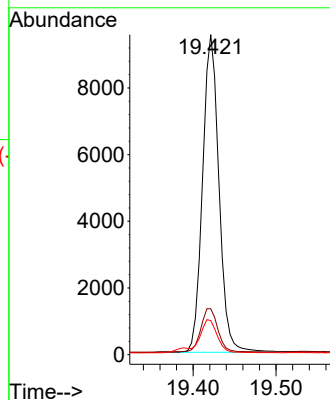
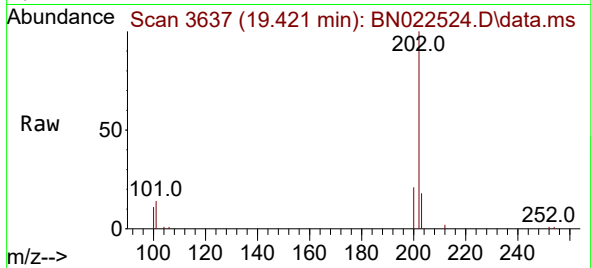




#19
Fluoranthene
Concen: 0.285 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

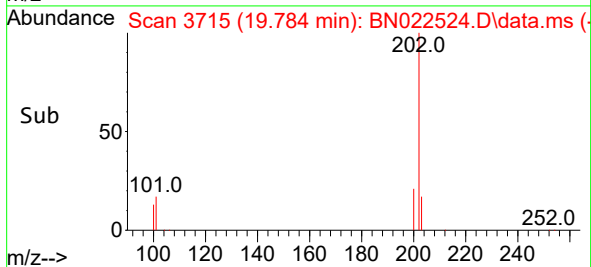
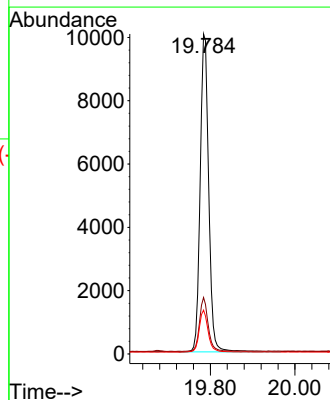
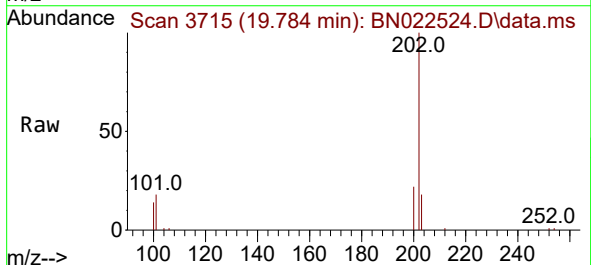
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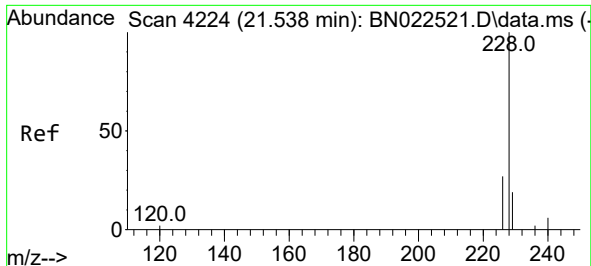
Tgt Ion:202 Resp: 13111
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 10.6 8.7 13.1



#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Tgt Ion:202 Resp: 13979
Ion Ratio Lower Upper
202 100
101 17.7 13.1 19.7
100 13.7 10.6 16.0

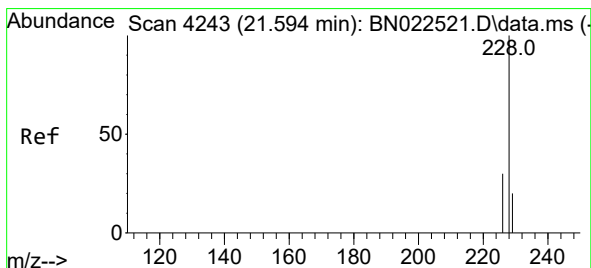
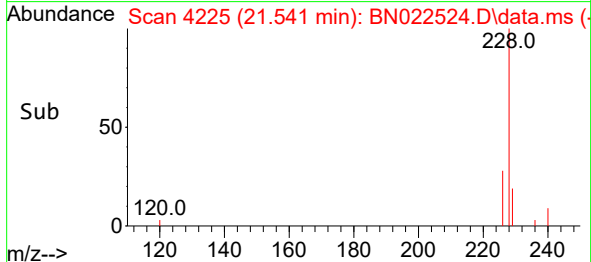
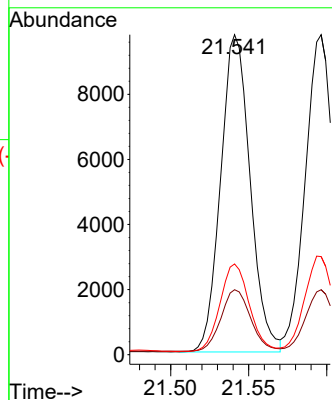
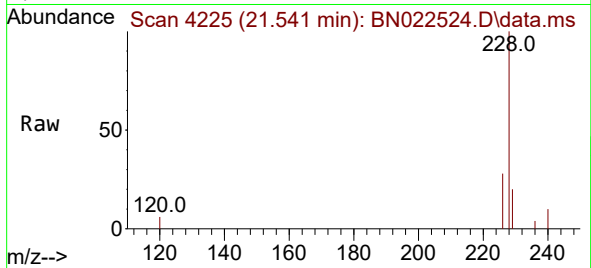




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.541 min Scan# 4225
Delta R.T. 0.003 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

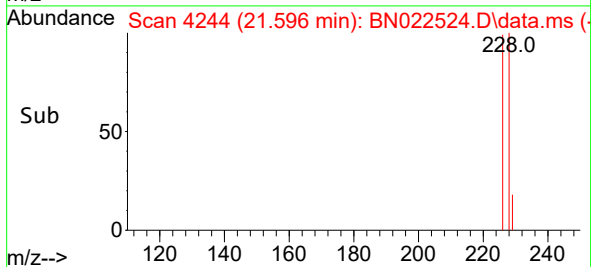
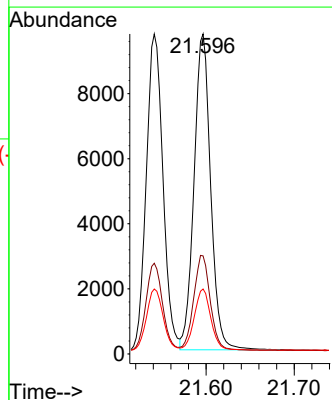
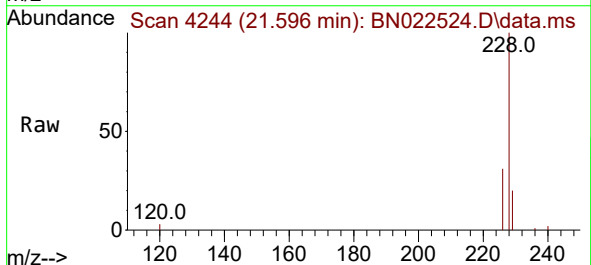
Instrument :
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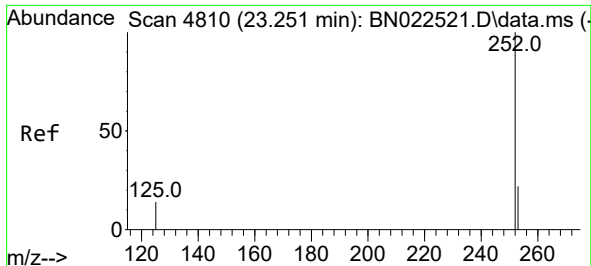
Tgt Ion:228 Resp: 12850
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.3 21.5 32.3



#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.596 min Scan# 4244
Delta R.T. 0.003 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Tgt Ion:228 Resp: 12745
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 20.3 15.9 23.9

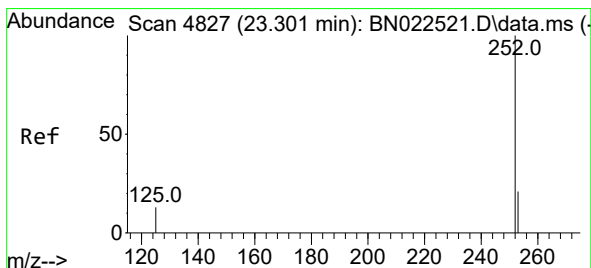
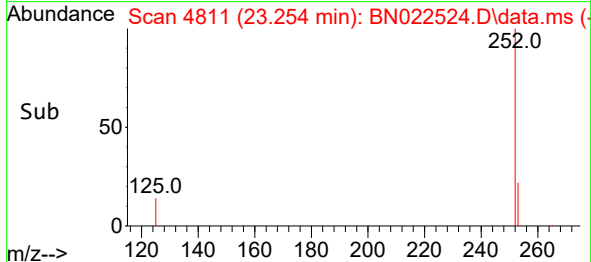
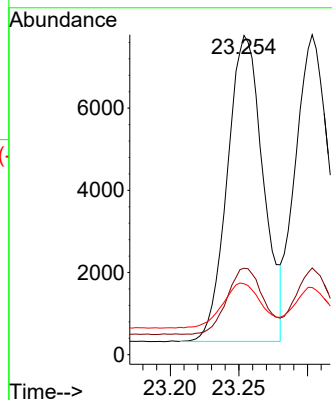
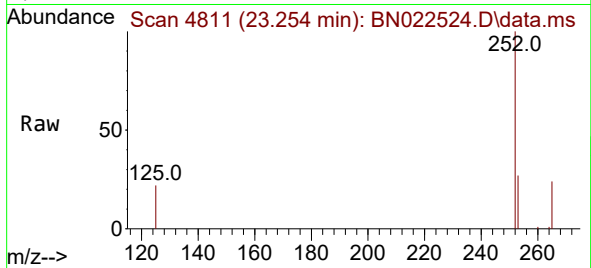




#24
Benzo(b)fluoranthene
Concen: 0.281 ng/ul
RT: 23.254 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

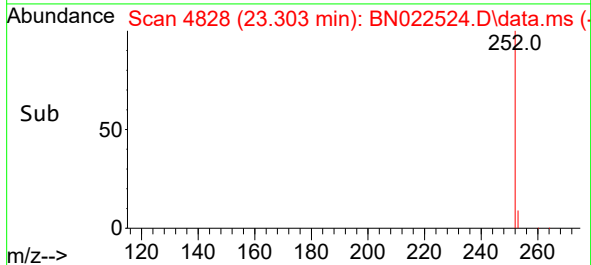
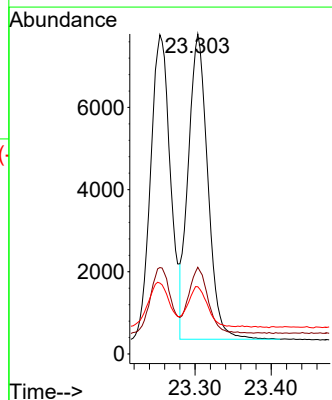
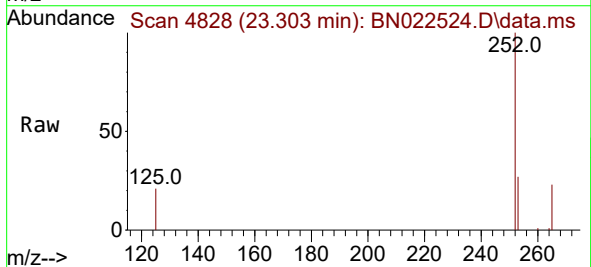
Instrument :
BNA_N
ClientSampleId :
SLCS655

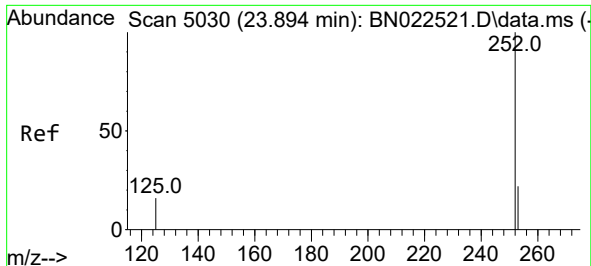
Tgt Ion:252 Resp: 13521
Ion Ratio Lower Upper
252 100
253 27.1 0.0 49.0
125 22.2 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul
RT: 23.303 min Scan# 4828
Delta R.T. 0.003 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Tgt Ion:252 Resp: 13193
Ion Ratio Lower Upper
252 100
253 27.1 19.7 29.5
125 21.0 14.0 21.0

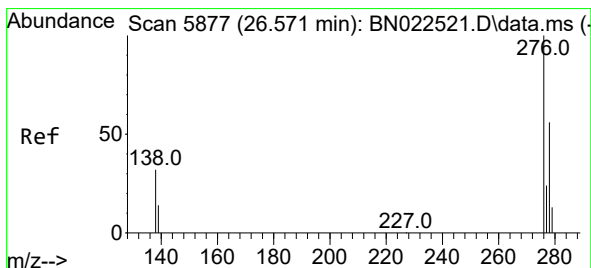
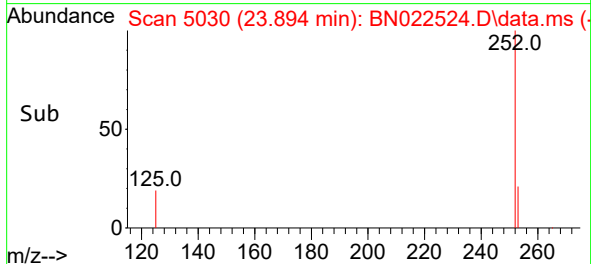
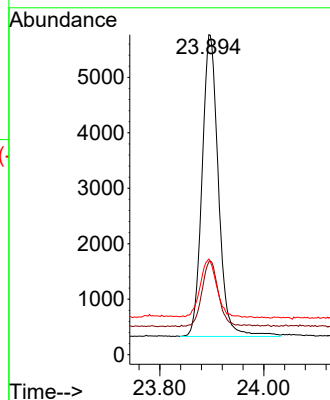
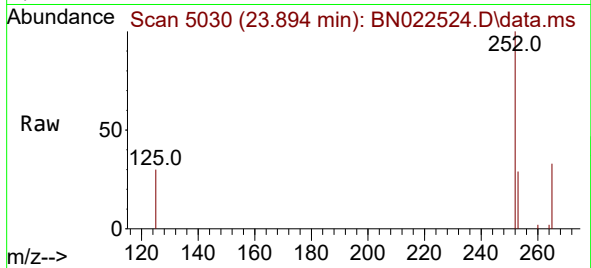




#26
Benzo(a)pyrene
Concen: 0.308 ng/ul
RT: 23.894 min Scan# 5030
Delta R.T. -0.000 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

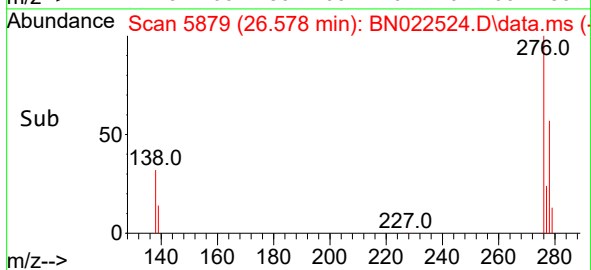
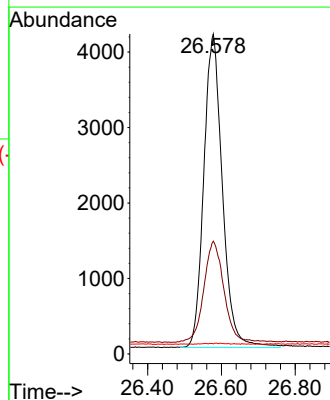
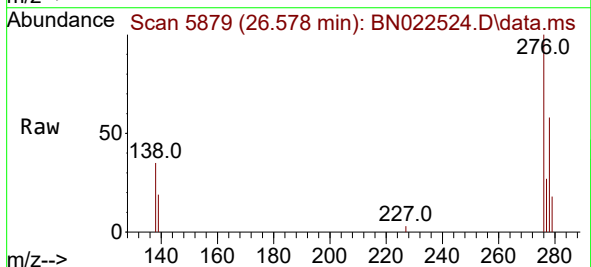
Instrument :
BNA_N
ClientSampleId :
SLCS655

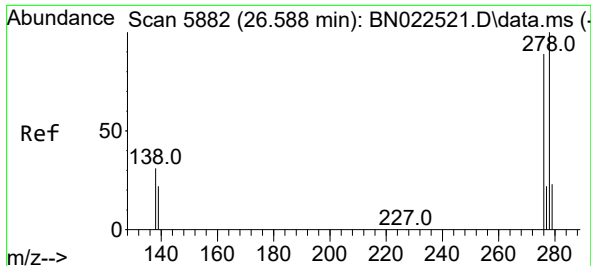
Tgt Ion:252 Resp: 11827
Ion Ratio Lower Upper
252 100
253 29.0 21.0 31.6
125 29.9 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 26.578 min Scan# 5879
Delta R.T. 0.007 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Tgt Ion:276 Resp: 14499
Ion Ratio Lower Upper
276 100
138 34.7 27.7 41.5
227 0.1 0.2 0.2#

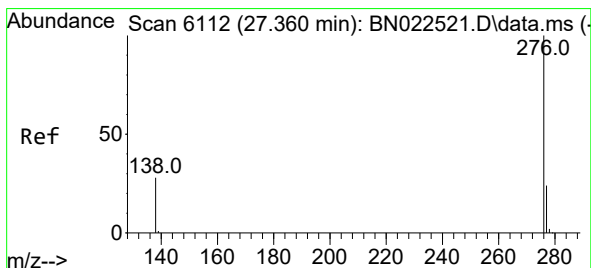
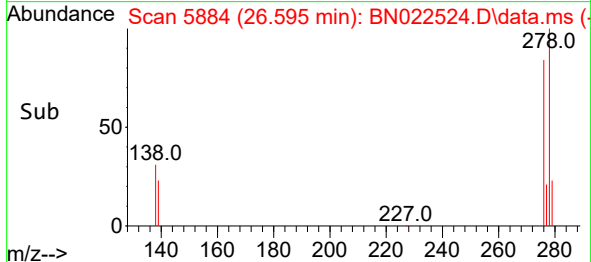
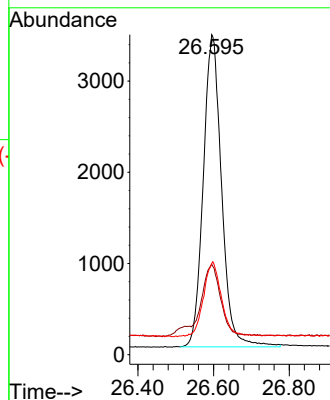
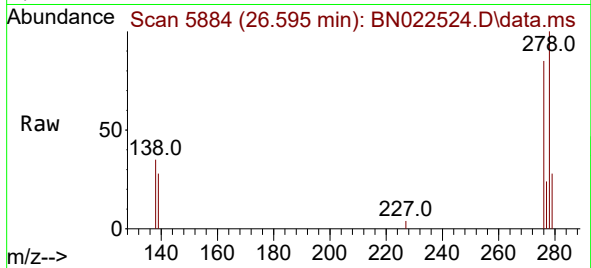




#28
Dibenzo(a,h)anthracene
Concen: 0.301 ng/ul
RT: 26.595 min Scan# 5884
Delta R.T. 0.007 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Instrument :
BNA_N
ClientSampleId :
SLCS655

Tgt Ion:278 Resp: 11480
Ion Ratio Lower Upper
278 100
139 28.3 19.6 29.4
279 28.5 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 27.369 min Scan# 6115
Delta R.T. 0.010 min
Lab File: BN022524.D
Acq: 07 Nov 2022 13:06

Tgt Ion:276 Resp: 11666
Ion Ratio Lower Upper
276 100
138 33.0 25.2 37.8
277 26.4 19.9 29.9

