

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022527.D
 Acq On : 07 Nov 2022 15:04
 Operator : CG/JU
 Sample : PB148824BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS824

Quant Time: Nov 07 23:34:16 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)

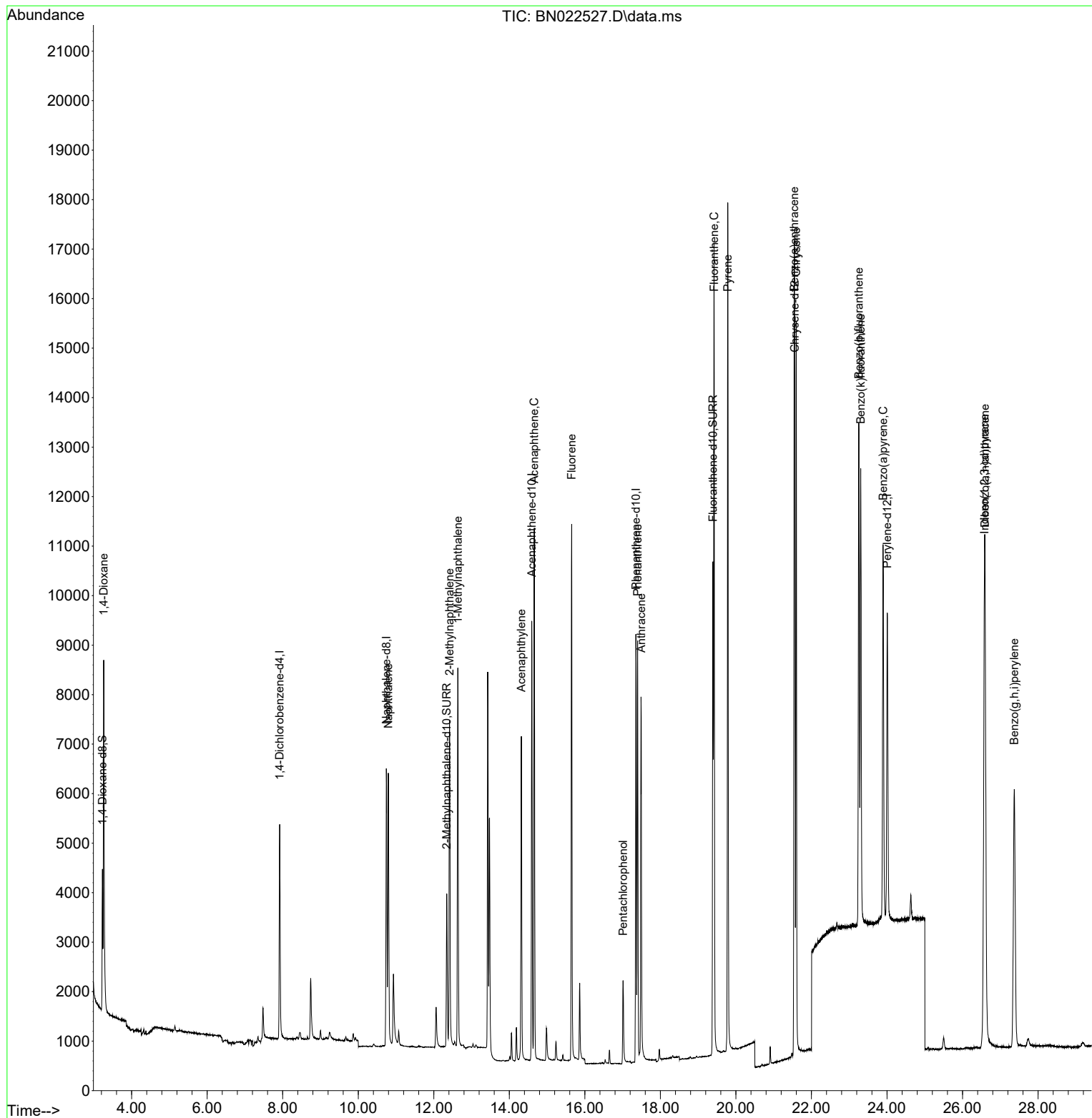
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	2473	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	8089	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.595	164	4904	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	9476	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	9421	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	8855	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	1977	0.615	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	4370	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.393	212	10711	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.261	88	5181	1.570	ng/ul#	86
5) Naphthalene	10.794	128	8037	0.336	ng/ul	98
7) 2-Methylnaphthalene	12.417	142	5147	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.637	142	5598	0.361	ng/ul	100
10) Acenaphthylene	14.318	152	7690	0.349	ng/ul	99
11) Acenaphthene	14.660	153	6172	0.332	ng/ul	99
12) Fluorene	15.650	166	7036	0.326	ng/ul	100
14) Pentachlorophenol	17.011	266	1347	0.598	ng/ul	100
15) Phenanthrene	17.395	178	8964	0.282	ng/ul	99
16) Anthracene	17.488	178	8585	0.320	ng/ul	99
19) Fluoranthene	19.421	202	13694	0.317	ng/ul	99
20) Pyrene	19.784	202	14306	0.330	ng/ul	98
21) Benzo(a)anthracene	21.544	228	12714	0.360	ng/ul	98
22) Chrysene	21.596	228	12891	0.345	ng/ul	99
24) Benzo(b)fluoranthene	23.254	252	13135	0.295	ng/ul	93
25) Benzo(k)fluoranthene	23.303	252	13056	0.302	ng/ul#	93
26) Benzo(a)pyrene	23.897	252	11676	0.329	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.578	276	14354	0.326	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.598	278	11438	0.325	ng/ul	96
29) Benzo(g,h,i)perylene	27.370	276	11701	0.326	ng/ul	98

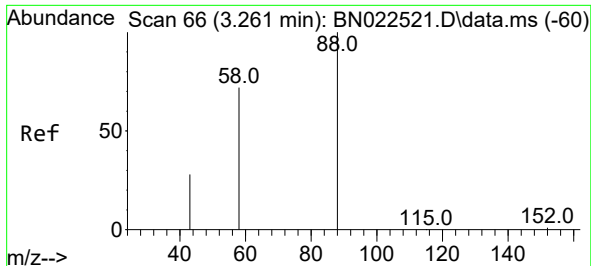
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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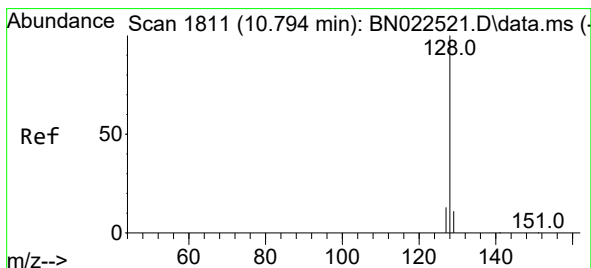
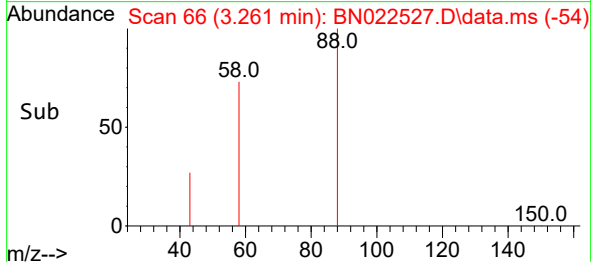
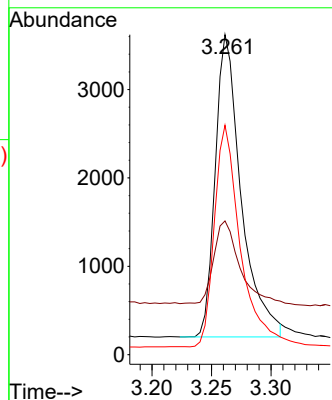
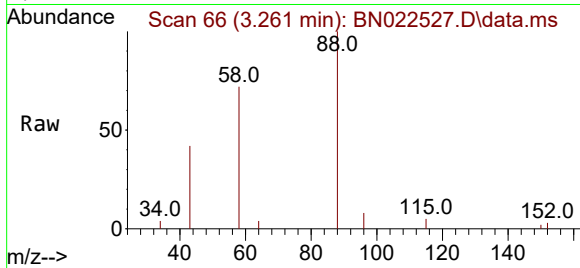




#2
1,4-Dioxane
Concen: 1.570 ng/ul
RT: 3.261 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

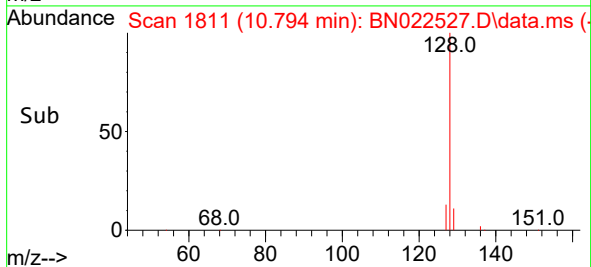
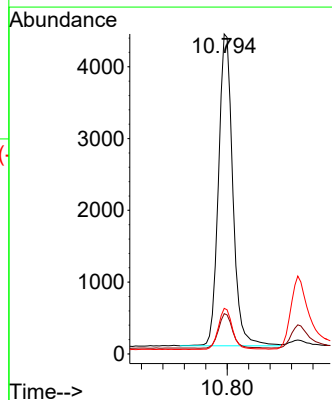
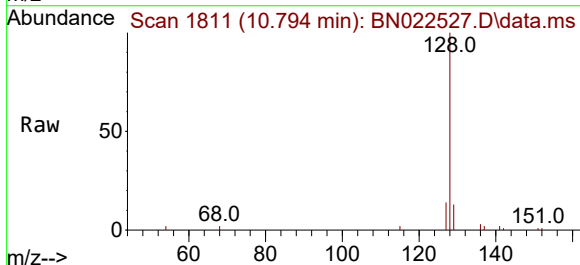
Instrument :
BNA_N
ClientSampleId :
SLCS824

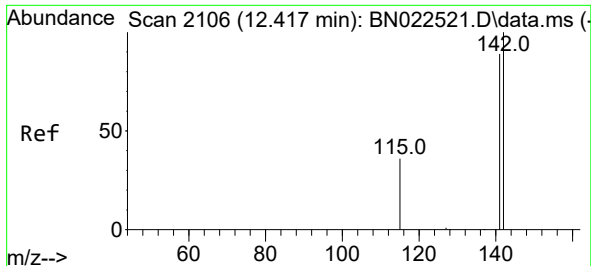
Tgt Ion: 88 Resp: 5181
Ion Ratio Lower Upper
88 100
43 41.8 27.4 41.2#
58 71.7 48.2 72.2



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.794 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

Tgt Ion: 128 Resp: 8037
Ion Ratio Lower Upper
128 100
129 12.6 9.3 13.9
127 14.2 10.7 16.1

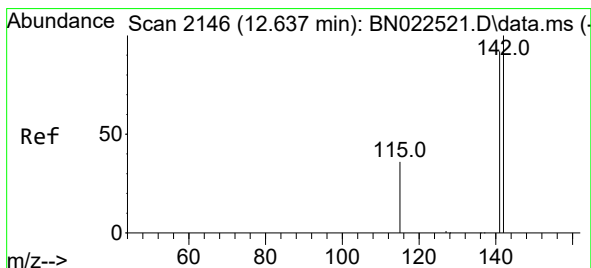
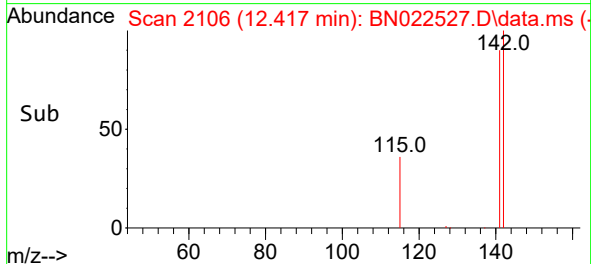
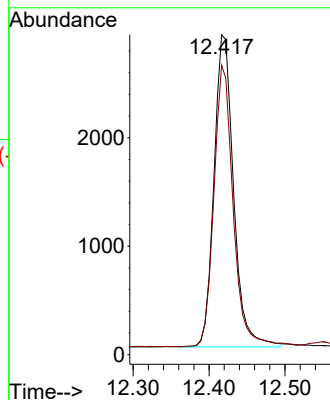
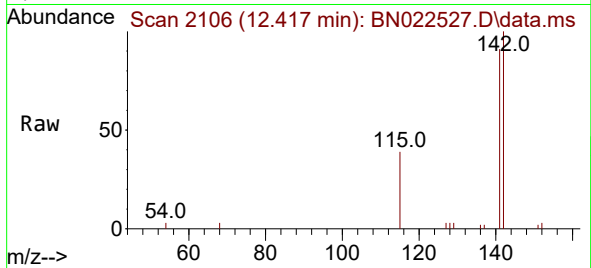




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.417 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

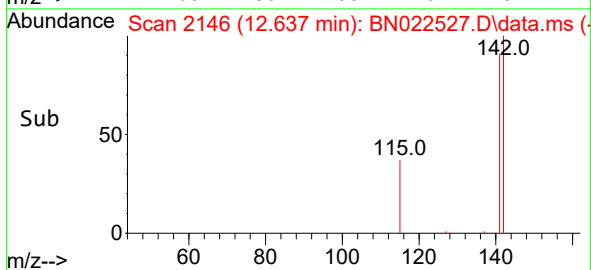
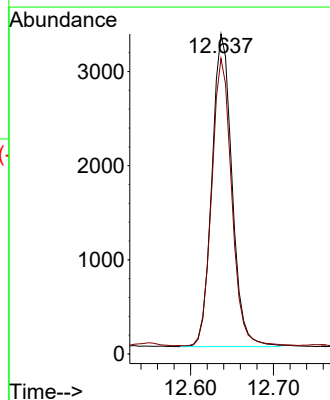
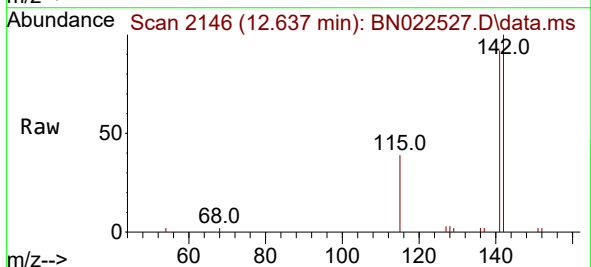
Instrument :
BNA_N
ClientSampleId :
SLCS824

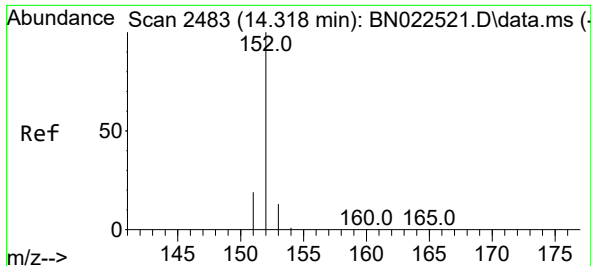
Tgt Ion:142 Resp: 5147
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.637 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

Tgt Ion:142 Resp: 5598
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9

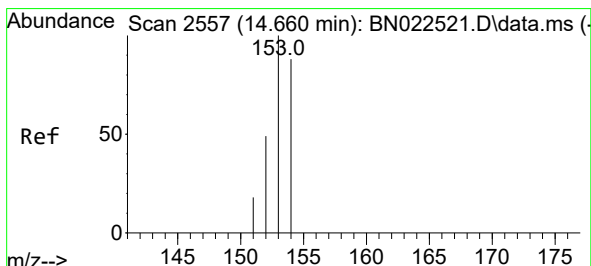
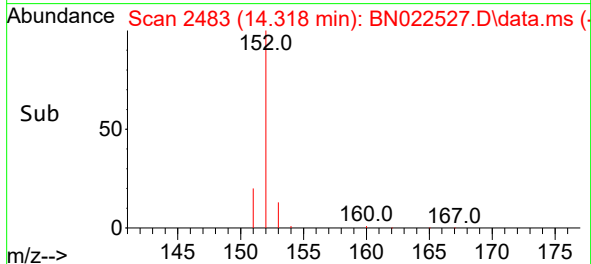
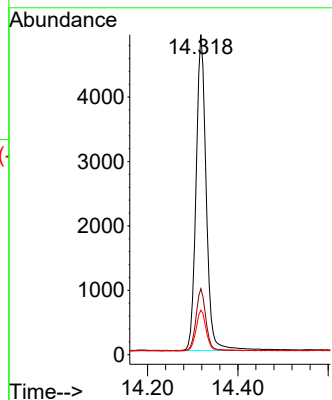
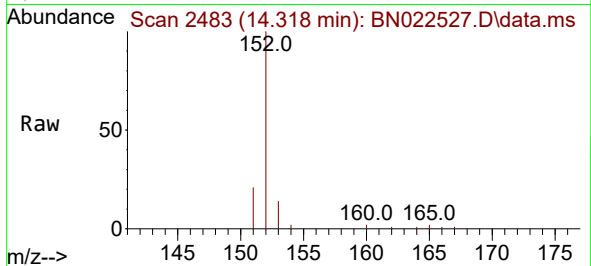




#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

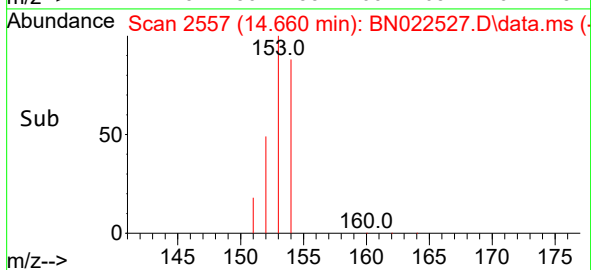
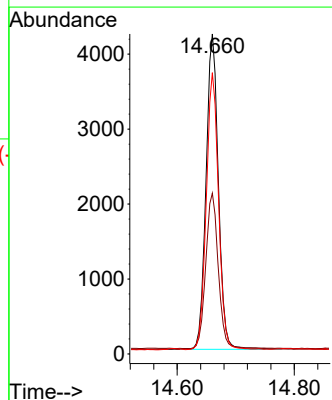
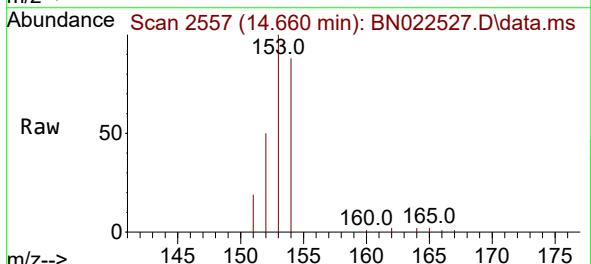
Instrument :
BNA_N
ClientSampleId :
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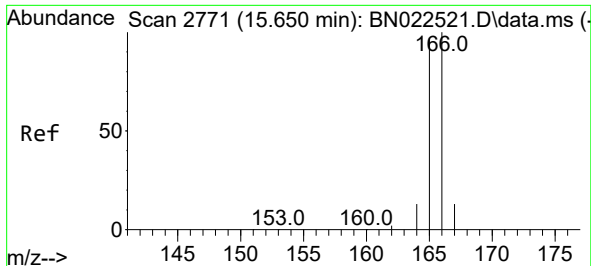
Tgt Ion:152 Resp: 7690
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.660 min Scan# 2557
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

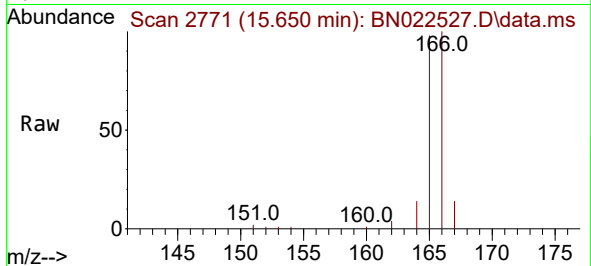
Tgt Ion:153 Resp: 6172
Ion Ratio Lower Upper
153 100
152 50.3 40.6 61.0
154 87.9 70.6 106.0



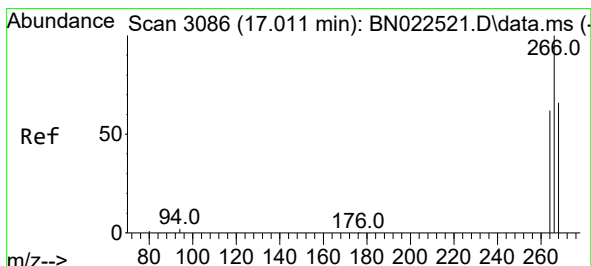
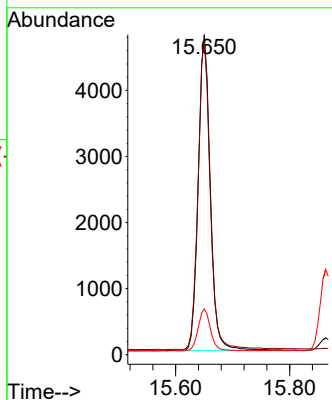
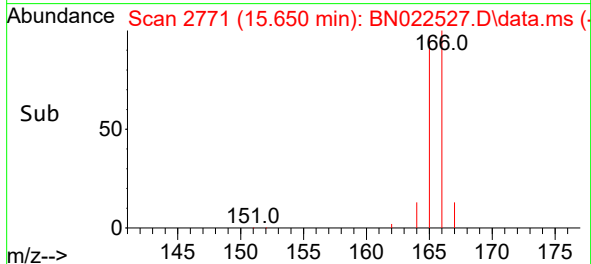


#12
Fluorene
Concen: 0.326 ng/ul
RT: 15.650 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

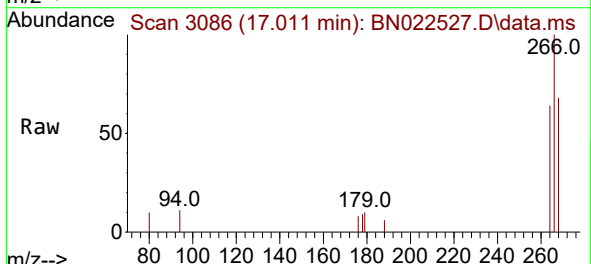
Instrument :
BNA_N
ClientSampleId :
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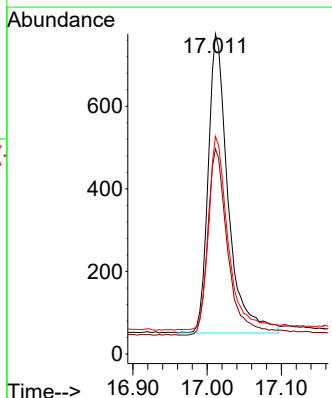
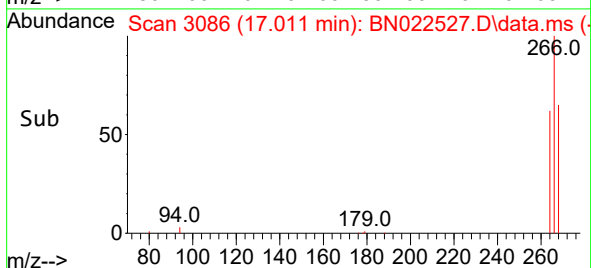
Tgt Ion:166 Resp: 7036
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 14.3 11.0 16.4

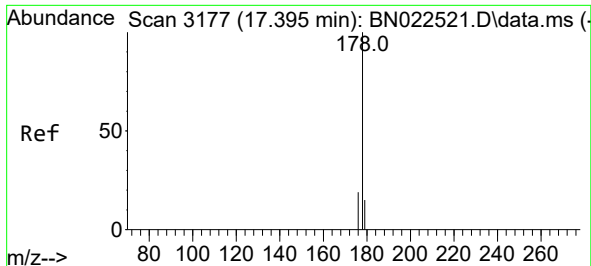


#14
Pentachlorophenol
Concen: 0.598 ng/ul
RT: 17.011 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04



Tgt Ion:266 Resp: 1347
Ion Ratio Lower Upper
266 100
264 62.4 49.8 74.6
268 64.2 51.4 77.2

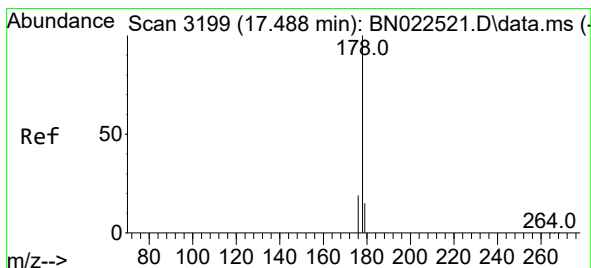
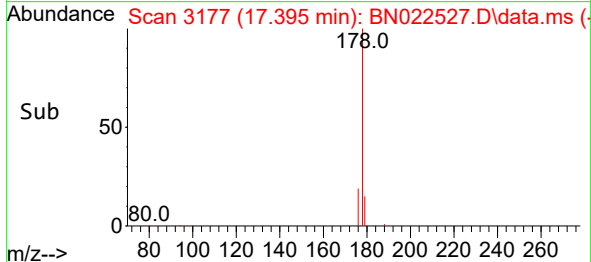
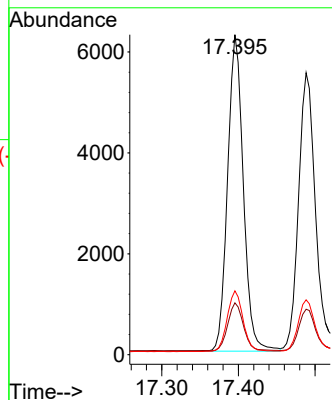
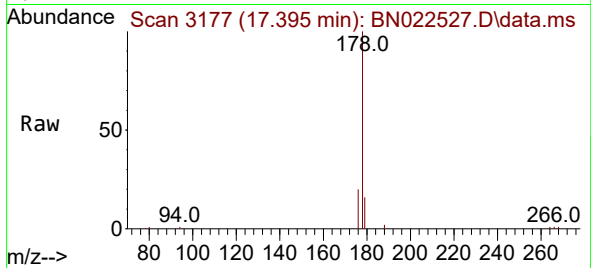




#15
Phenanthrene
Concen: 0.282 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

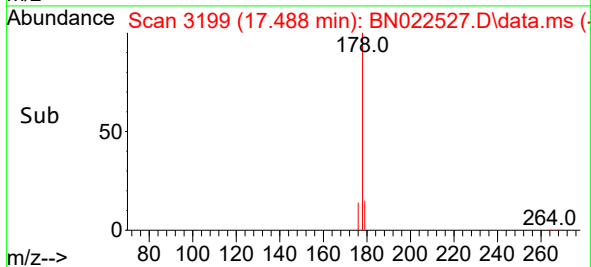
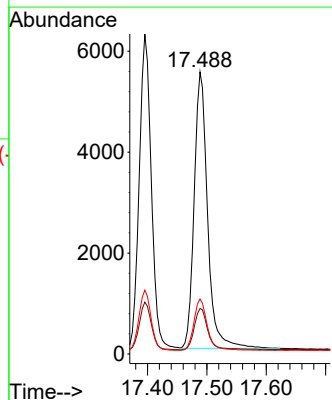
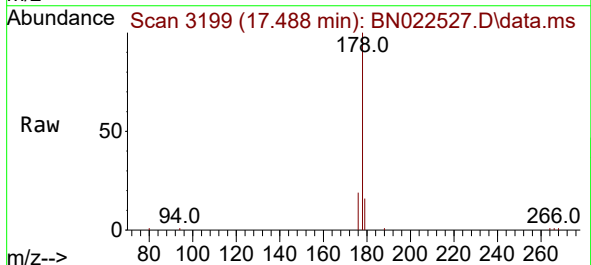
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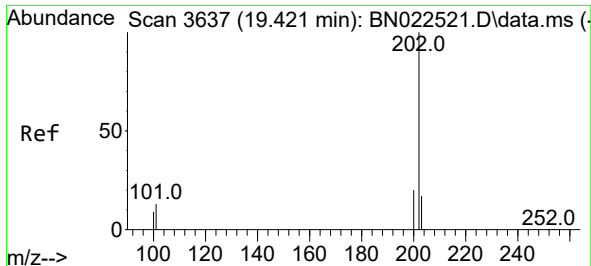
Tgt Ion:178 Resp: 8964
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 20.0 15.4 23.2



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

Tgt Ion:178 Resp: 8585
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.5 15.0 22.6

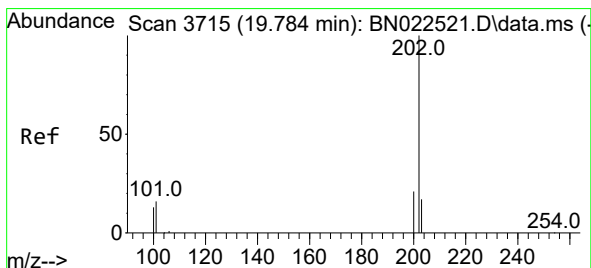
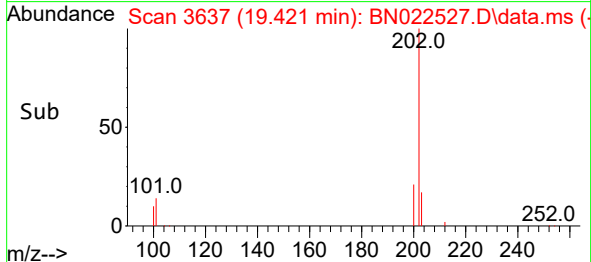
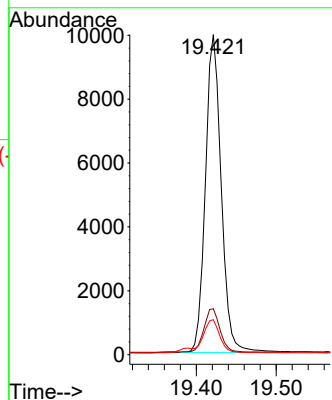
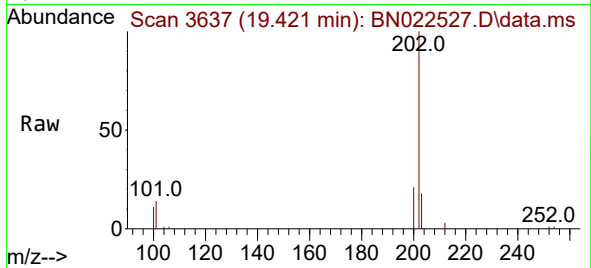




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

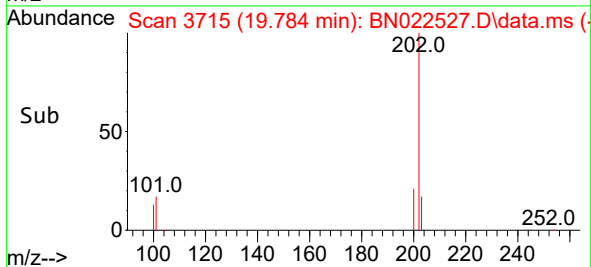
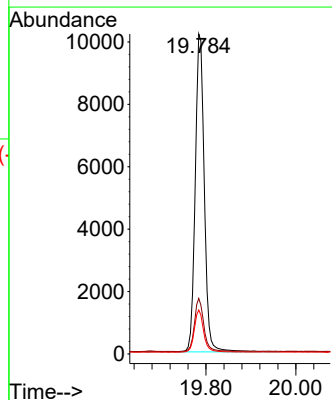
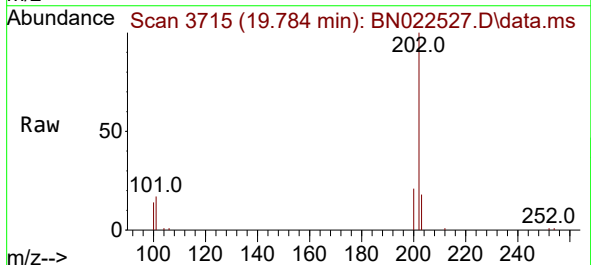
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BNA_N
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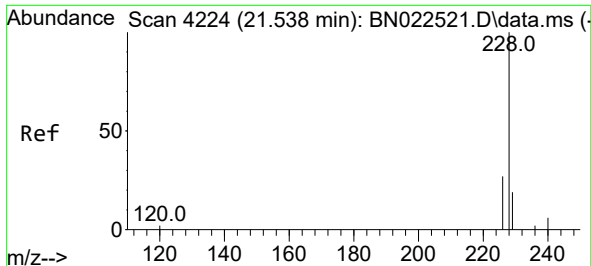
Tgt Ion:202 Resp: 13694
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 10.9 8.7 13.1



#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

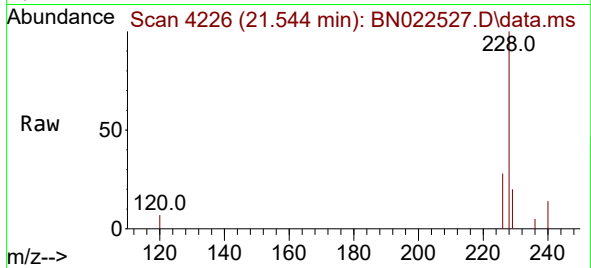
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Ion Ratio Lower Upper
202 100
101 17.3 13.1 19.7
100 13.8 10.6 16.0



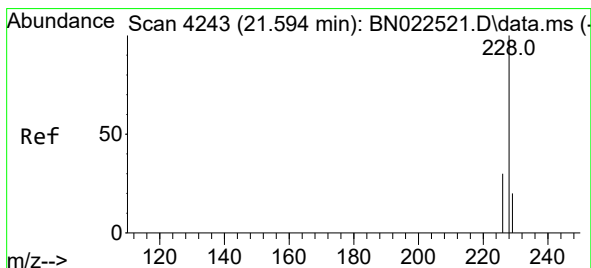
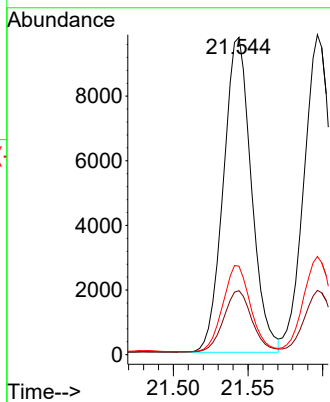
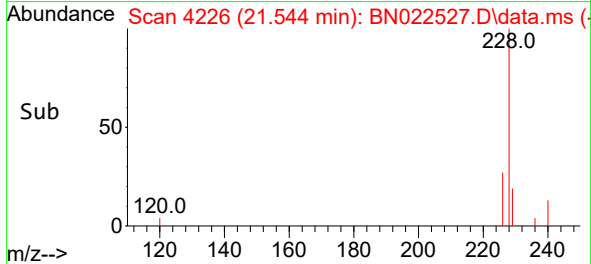


#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.544 min Scan# 4226
Delta R.T. 0.006 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

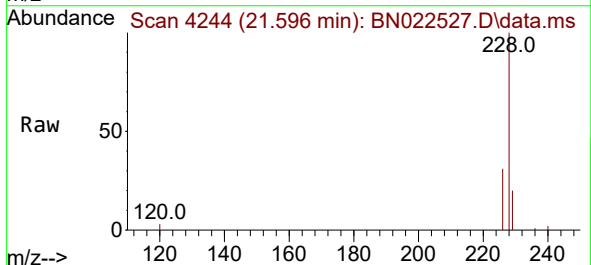
Instrument :
BNA_N
ClientSampleId :
SLCS824



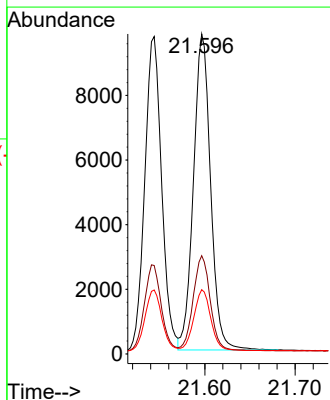
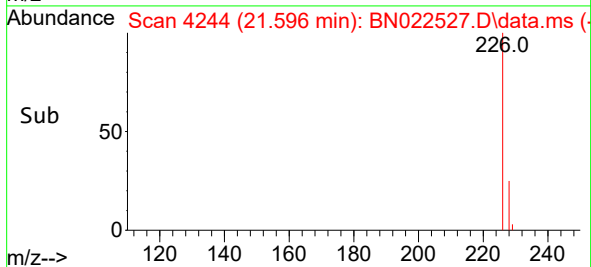
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Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.8 21.5 32.3

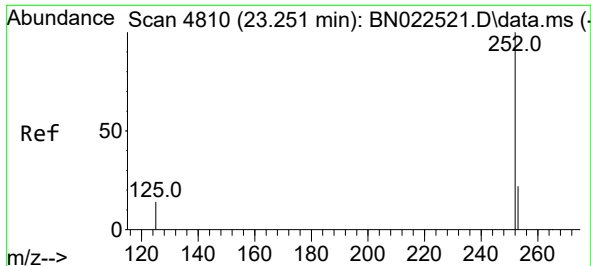


#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.596 min Scan# 4244
Delta R.T. 0.003 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04



Tgt Ion:228 Resp: 12891
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 20.1 15.9 23.9

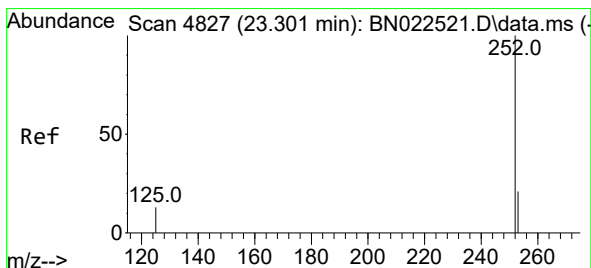
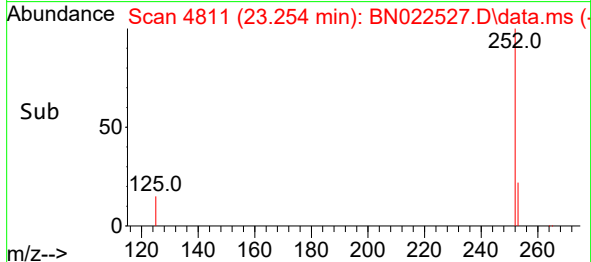
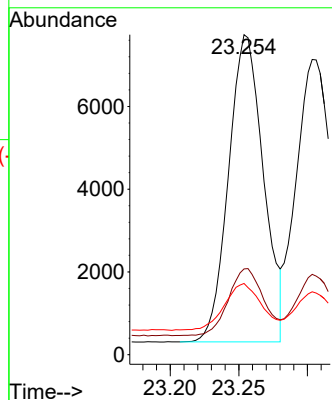
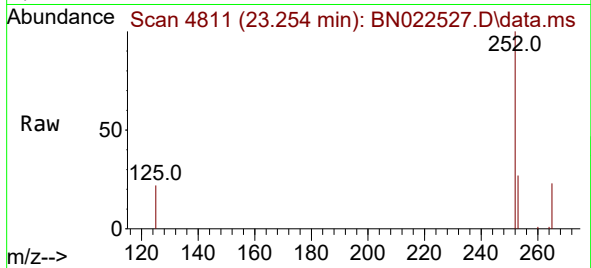




#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 23.254 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

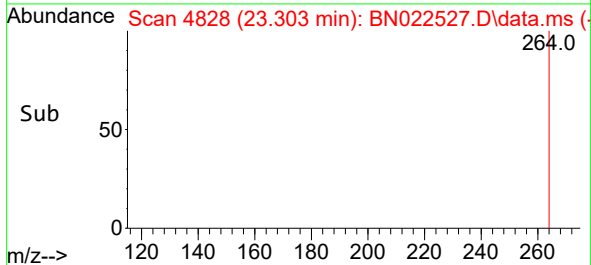
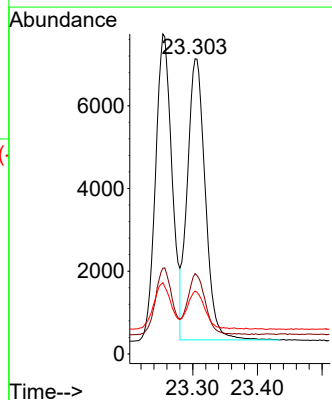
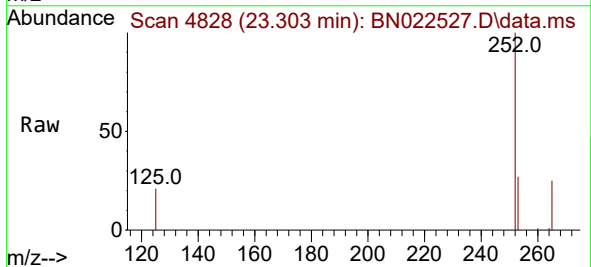
Instrument :
BNA_N
ClientSampleId :
SLCS824

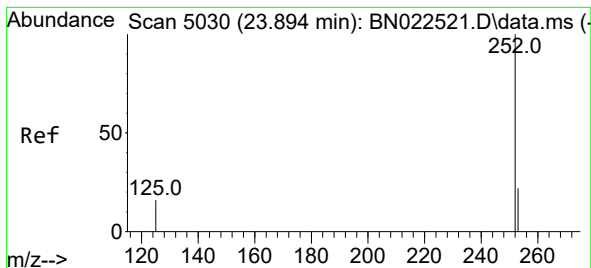
Tgt Ion:252 Resp: 13135
Ion Ratio Lower Upper
252 100
253 26.8 0.0 49.0
125 22.2 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.302 ng/ul
RT: 23.303 min Scan# 4828
Delta R.T. 0.003 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

Tgt Ion:252 Resp: 13056
Ion Ratio Lower Upper
252 100
253 27.2 19.7 29.5
125 21.3 14.0 21.0#





#26

Benzo(a)pyrene

Concen: 0.329 ng/ul

RT: 23.897 min Scan# 5030

Delta R.T. 0.003 min

Lab File: BN022527.D

Acq: 07 Nov 2022 15:04

Instrument :

BNA_N

ClientSampleId :

SLCS824

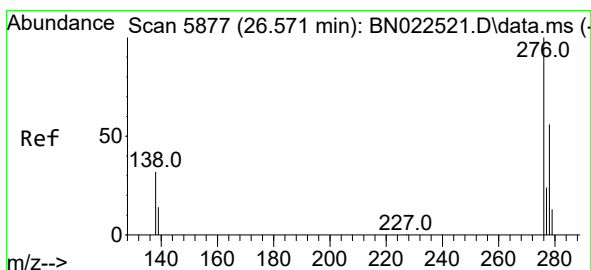
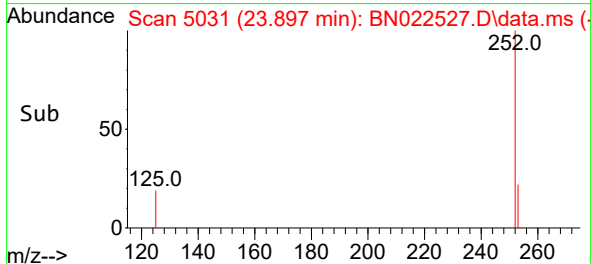
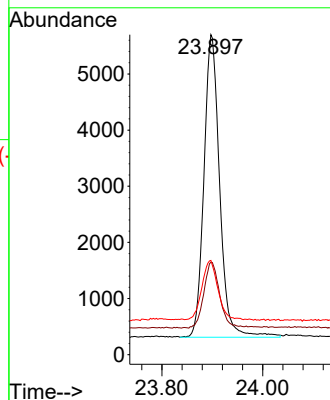
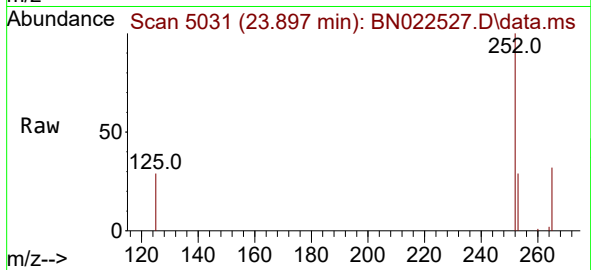
Tgt Ion:252 Resp: 11676

Ion Ratio Lower Upper

252 100

253 28.9 21.0 31.6

125 29.5 17.9 26.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.326 ng/ul

RT: 26.578 min Scan# 5879

Delta R.T. 0.007 min

Lab File: BN022527.D

Acq: 07 Nov 2022 15:04

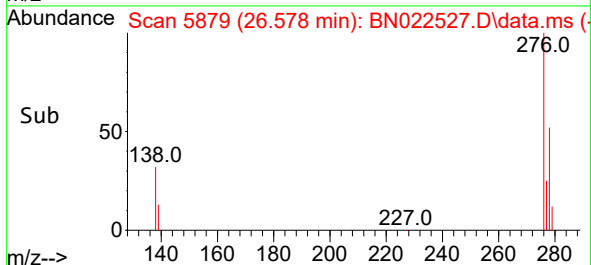
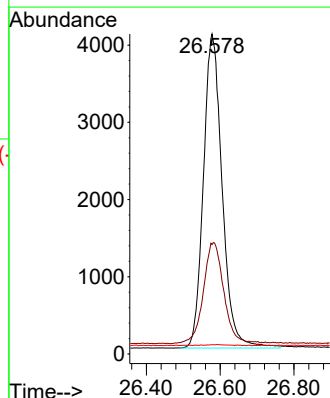
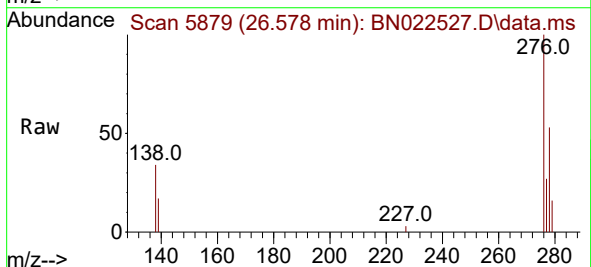
Tgt Ion:276 Resp: 14354

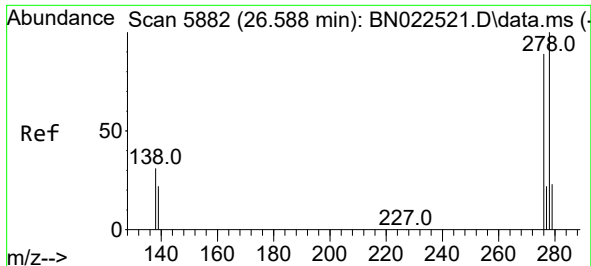
Ion Ratio Lower Upper

276 100

138 35.0 27.7 41.5

227 0.1 0.2 0.2#

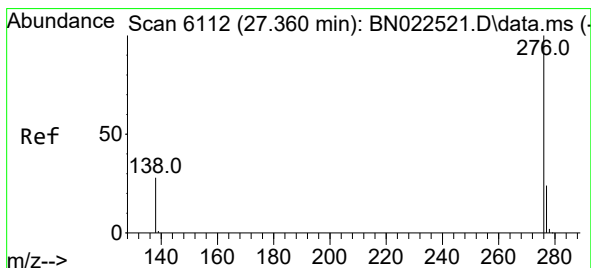
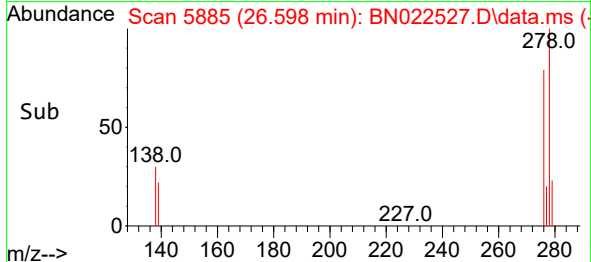
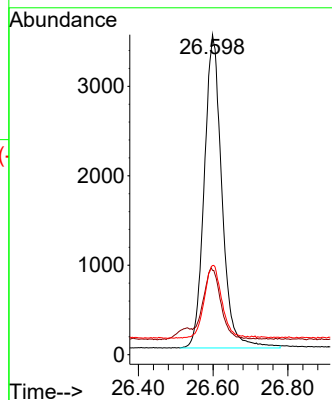
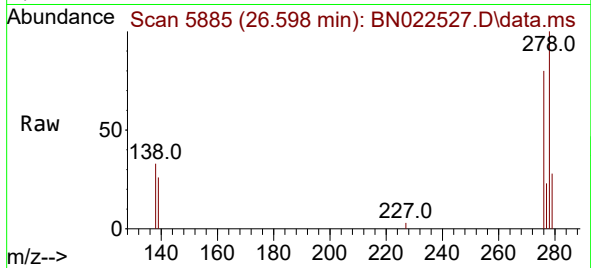




#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.598 min Scan# 5885
Delta R.T. 0.010 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

Instrument :
BNA_N
ClientSampleId :
SLCS824

Tgt Ion:278 Resp: 11438
Ion Ratio Lower Upper
278 100
139 26.4 19.6 29.4
279 27.9 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.326 ng/ul
RT: 27.370 min Scan# 6115
Delta R.T. 0.010 min
Lab File: BN022527.D
Acq: 07 Nov 2022 15:04

Tgt Ion:276 Resp: 11701
Ion Ratio Lower Upper
276 100
138 32.7 25.2 37.8
277 25.6 19.9 29.9

