

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022529.D
 Acq On : 07 Nov 2022 16:23
 Operator : CG/JU
 Sample : PB148825BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS825

Quant Time: Nov 07 23:34:31 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)

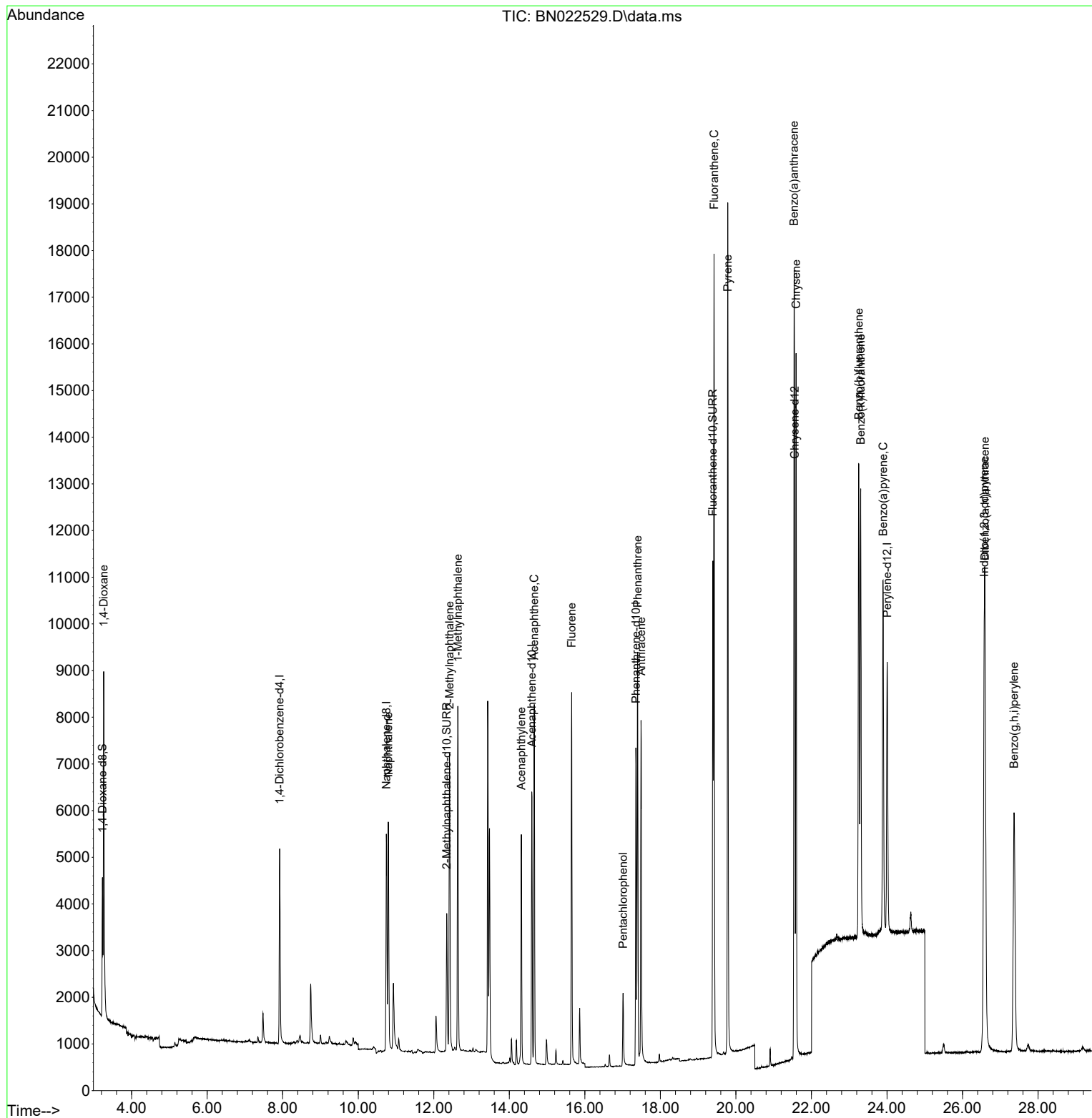
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	2347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	6742	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.595	164	3324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	7919	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	8991	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	8254	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	2058	0.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	4173	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	11162	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.261	88	5402	1.725	ng/ul	87
5) Naphthalene	10.794	128	7249	0.364	ng/ul	98
7) 2-Methylnaphthalene	12.417	142	4862	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.637	142	5355	0.415	ng/ul	100
10) Acenaphthylene	14.318	152	5611	0.376	ng/ul	98
11) Acenaphthene	14.660	153	4436	0.352	ng/ul	98
12) Fluorene	15.650	166	5131	0.351	ng/ul	98
14) Pentachlorophenol	17.011	266	1206	0.641	ng/ul	99
15) Phenanthrene	17.395	178	9492	0.357	ng/ul	98
16) Anthracene	17.488	178	8510	0.380	ng/ul	98
19) Fluoranthene	19.421	202	14248	0.346	ng/ul	99
20) Pyrene	19.784	202	14893	0.360	ng/ul	98
21) Benzo(a)anthracene	21.541	228	13029	0.387	ng/ul	98
22) Chrysene	21.593	228	13189	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.254	252	13299	0.321	ng/ul	93
25) Benzo(k)fluoranthene	23.303	252	13289	0.330	ng/ul	95
26) Benzo(a)pyrene	23.897	252	11752	0.356	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.575	276	14421	0.351	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	11447	0.349	ng/ul	94
29) Benzo(g,h,i)perylene	27.366	276	11649	0.348	ng/ul	98

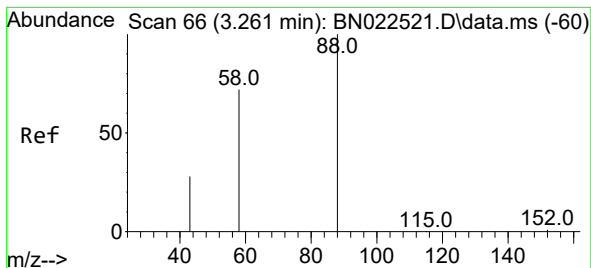
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.725 ng/ul

RT: 3.261 min Scan# 60

Delta R.T. -0.000 min

Lab File: BN022529.D

Acq: 07 Nov 2022 16:23

Instrument :

BNA_N

ClientSampleId :

SLCS825

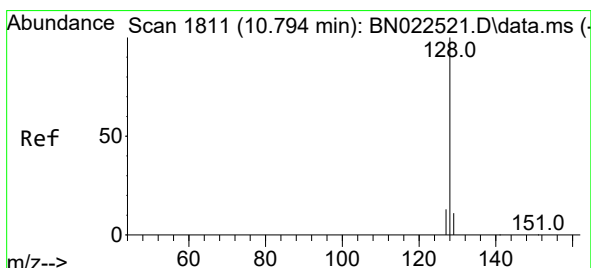
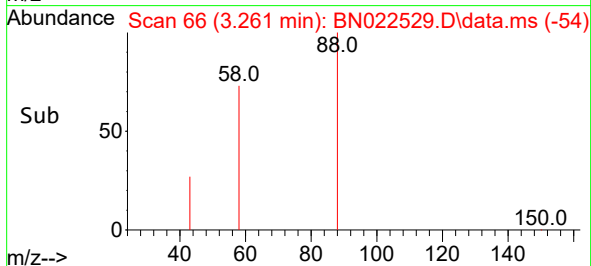
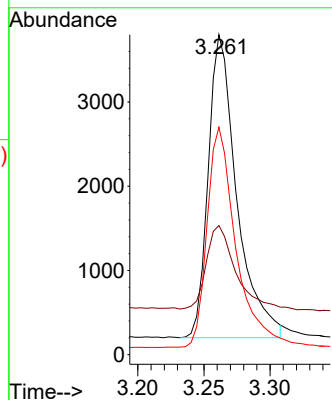
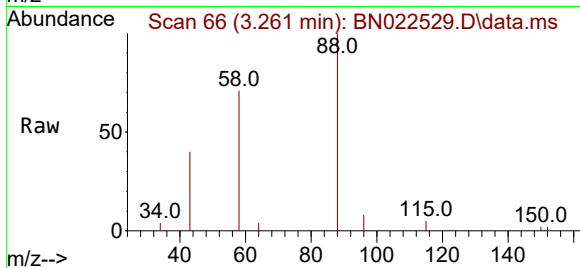
Tgt Ion: 88 Resp: 5402

Ion Ratio Lower Upper

88 100

43 40.4 27.4 41.2

58 71.1 48.2 72.2



#5

Naphthalene

Concen: 0.364 ng/ul

RT: 10.794 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BN022529.D

Acq: 07 Nov 2022 16:23

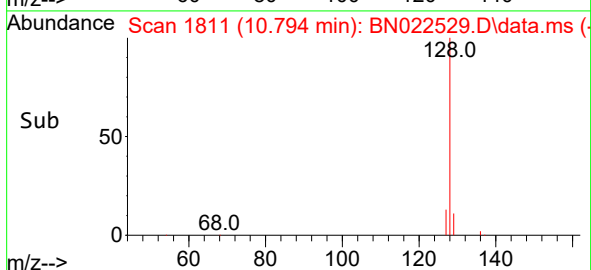
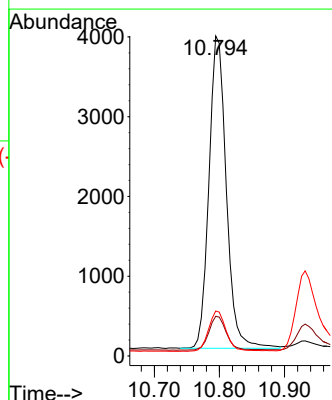
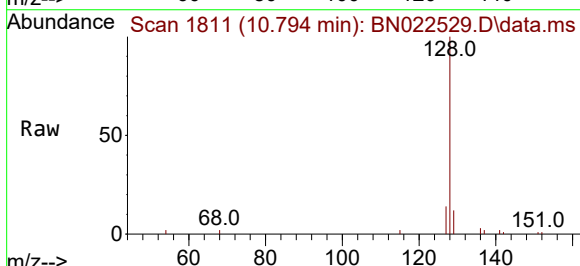
Tgt Ion: 128 Resp: 7249

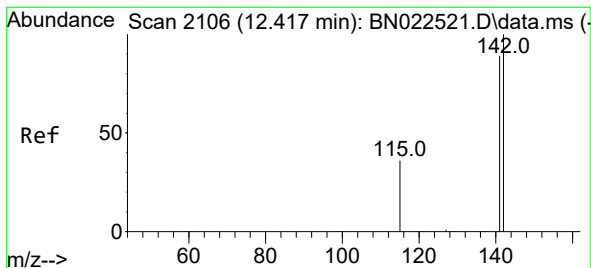
Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

127 14.1 10.7 16.1

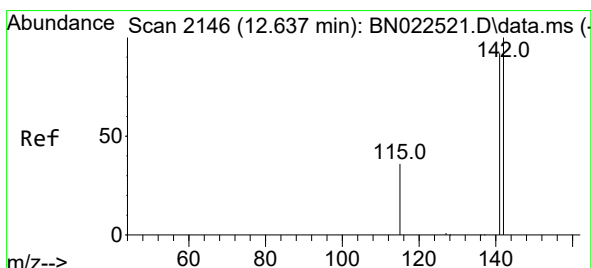
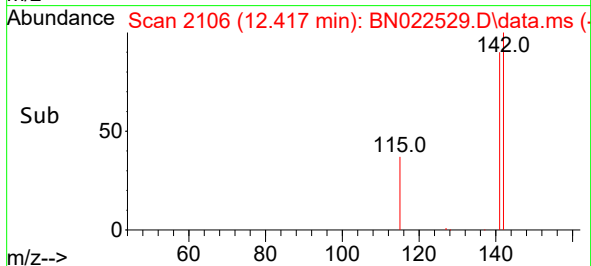
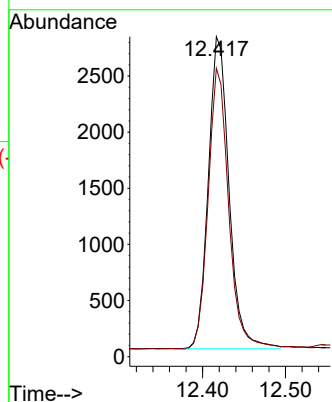
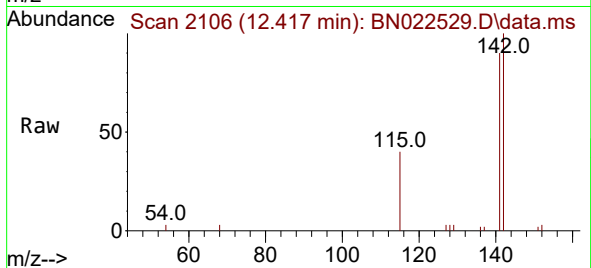




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.417 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

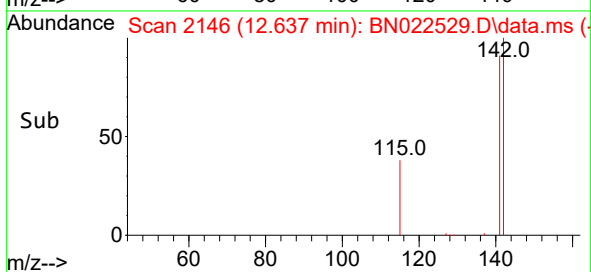
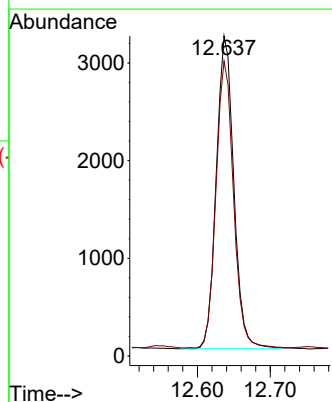
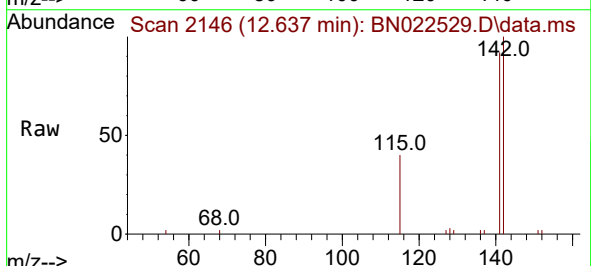
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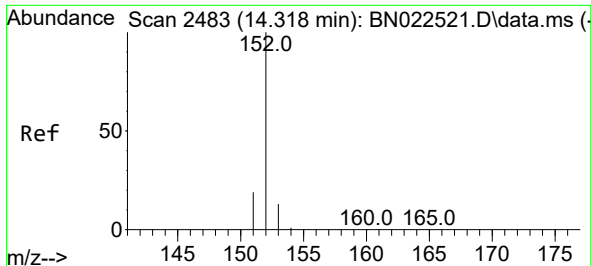
Tgt Ion:142 Resp: 4862
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.637 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

Tgt Ion:142 Resp: 5355
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9

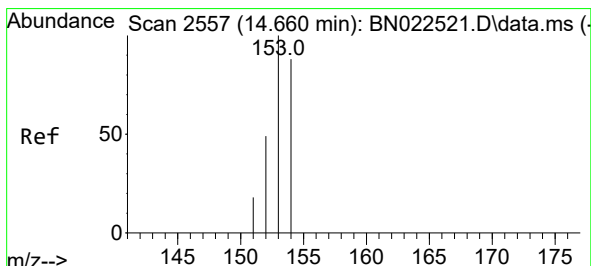
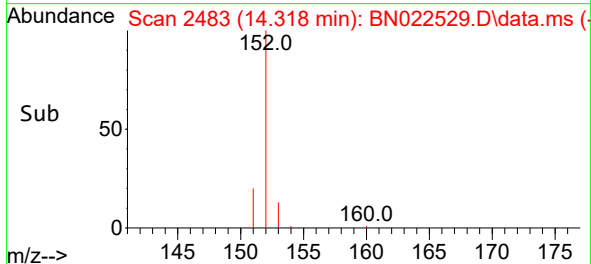
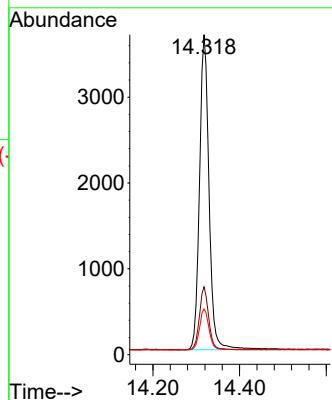
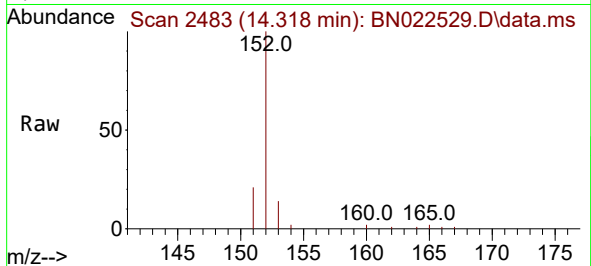




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

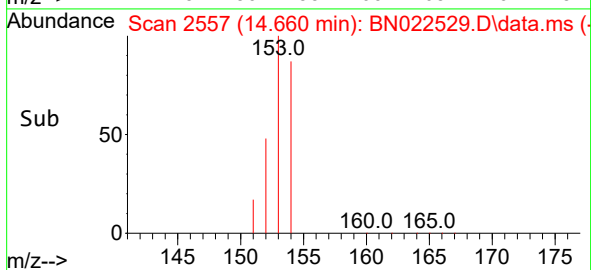
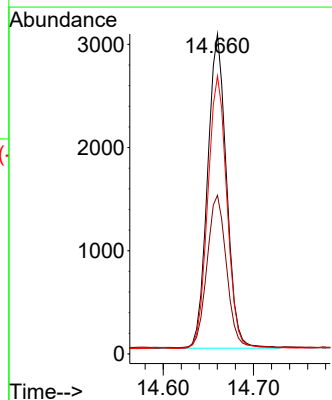
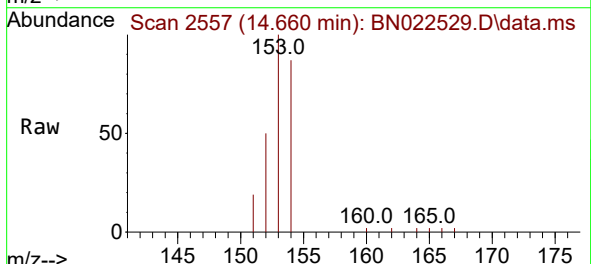
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BNA_N
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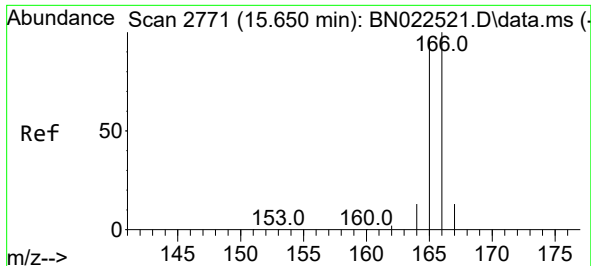
Tgt Ion:152 Resp: 5611
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 14.2 10.8 16.2



#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.660 min Scan# 2557
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

Tgt Ion:153 Resp: 4436
Ion Ratio Lower Upper
153 100
152 49.6 40.6 61.0
154 86.9 70.6 106.0

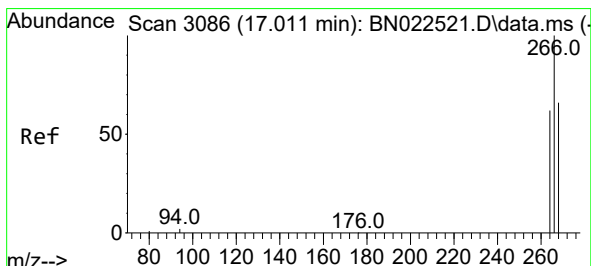
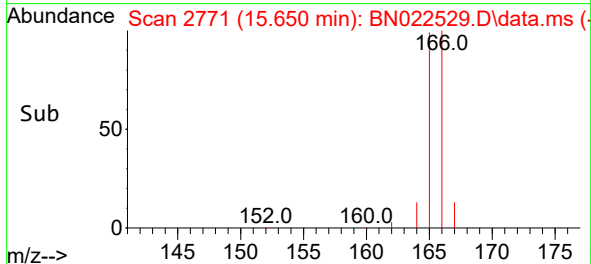
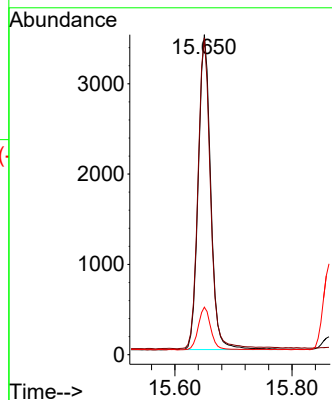
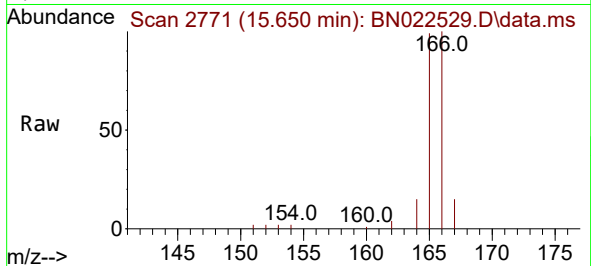




#12
Fluorene
Concen: 0.351 ng/ul
RT: 15.650 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

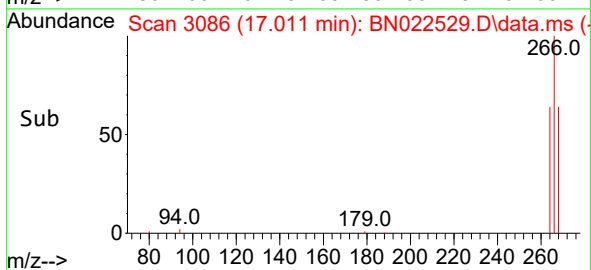
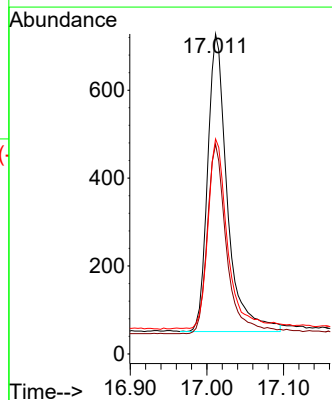
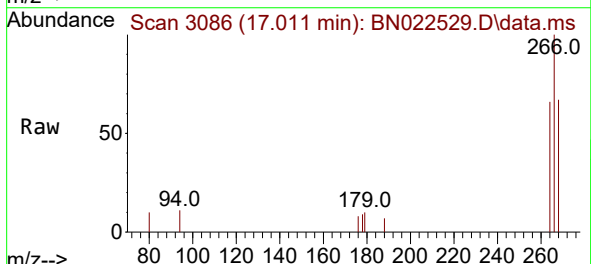
Instrument :
BNA_N
ClientSampleId :
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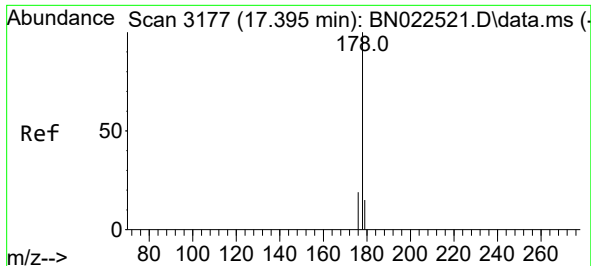
Tgt Ion:166 Resp: 5131
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 14.8 11.0 16.4



#14
Pentachlorophenol
Concen: 0.641 ng/ul
RT: 17.011 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

Tgt Ion:266 Resp: 1206
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.6
268 63.8 51.4 77.2

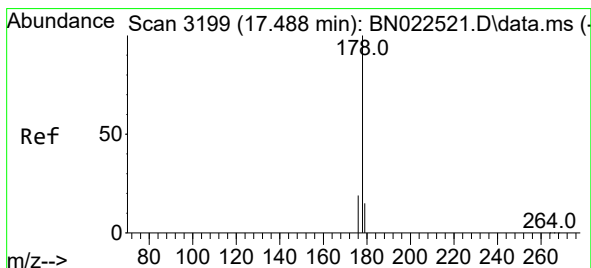
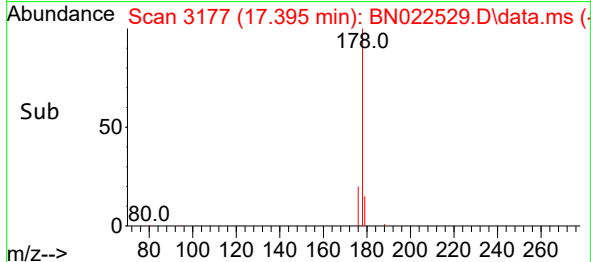
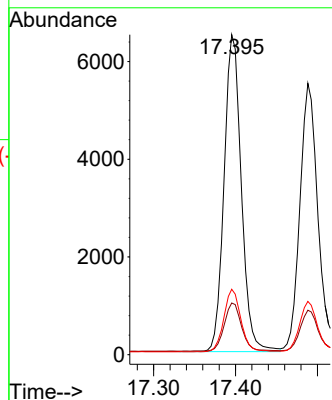
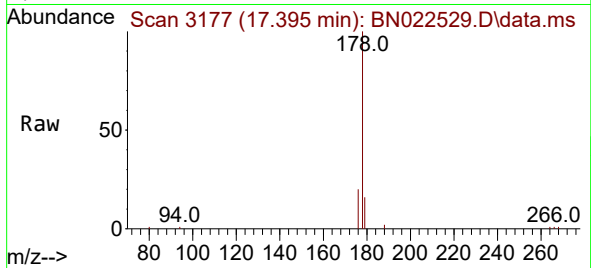




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

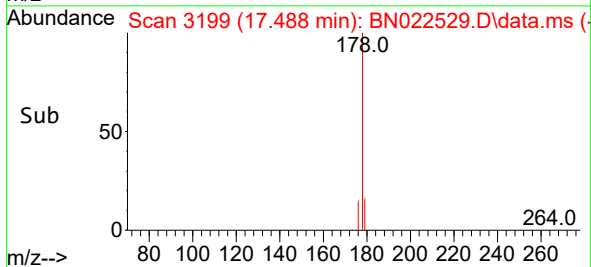
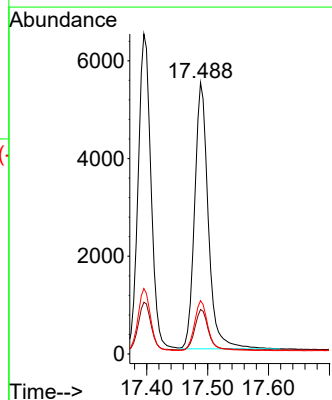
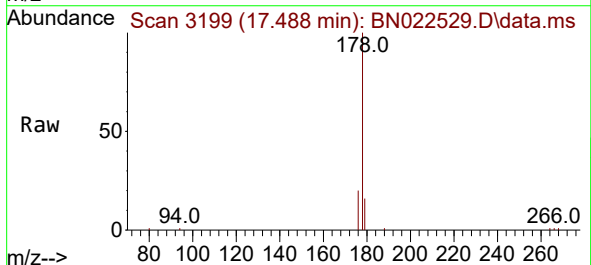
Instrument :
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ClientSampleId :
SLCS825

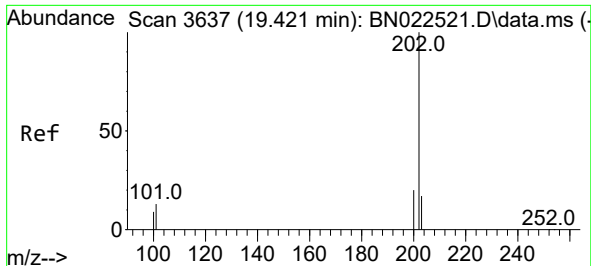
Tgt Ion:178 Resp: 9492
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 20.4 15.4 23.2



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

Tgt Ion:178 Resp: 8510
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.6 15.0 22.6

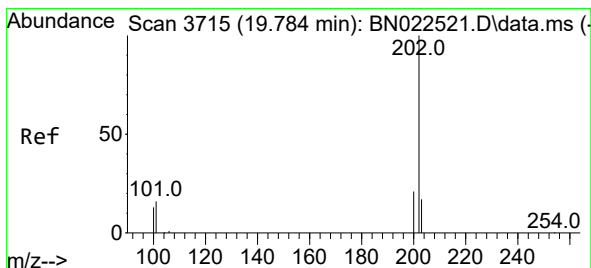
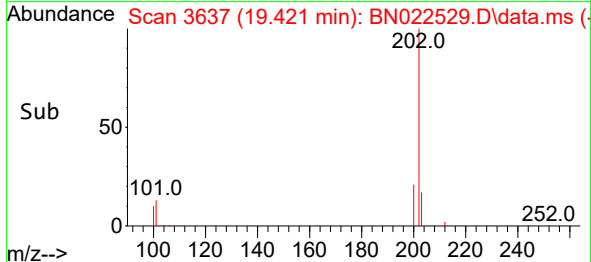
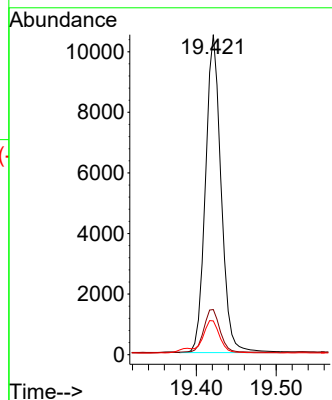
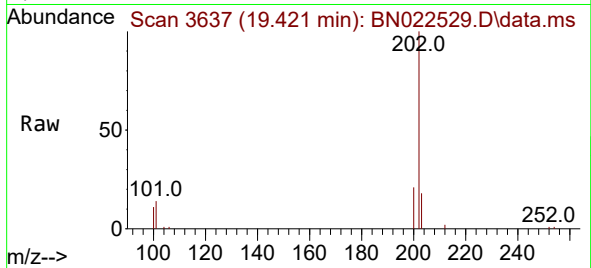




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

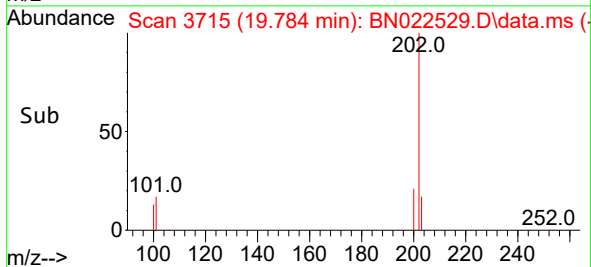
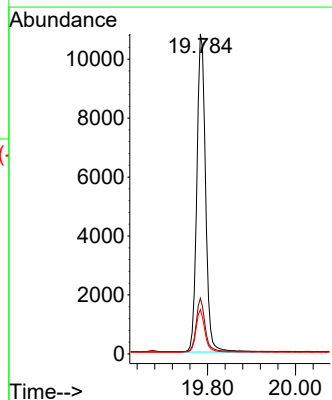
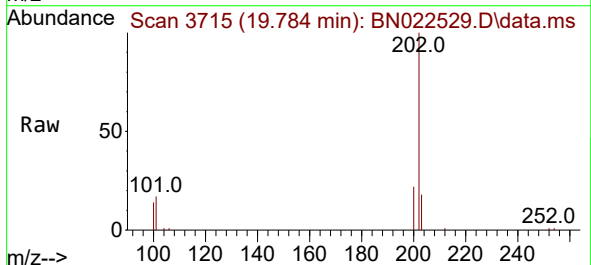
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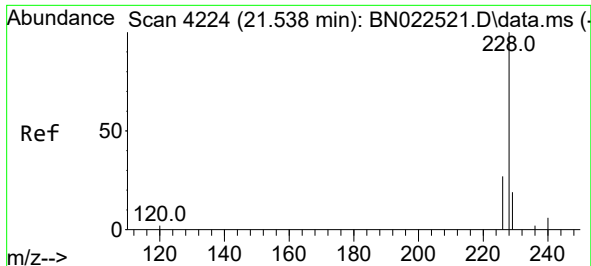
Tgt Ion:202 Resp: 14248
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 10.6 8.7 13.1



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

Tgt Ion:202 Resp: 14893
Ion Ratio Lower Upper
202 100
101 17.4 13.1 19.7
100 13.9 10.6 16.0

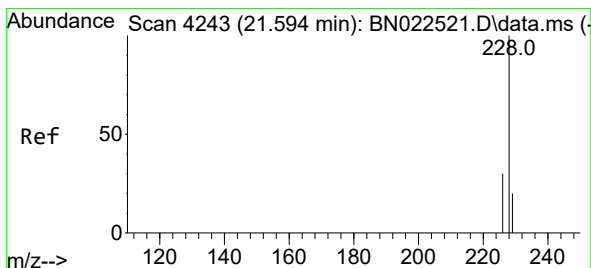
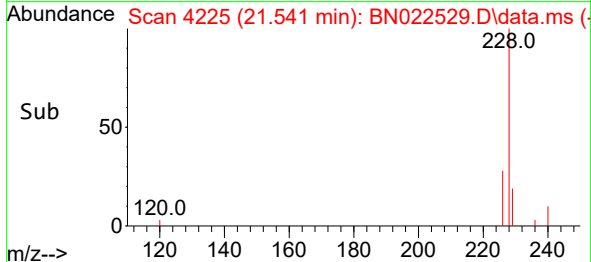
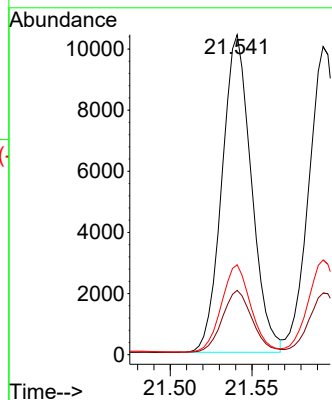
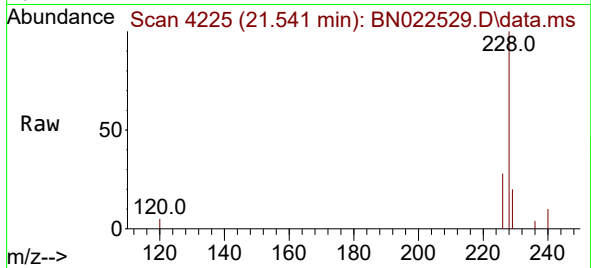




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.541 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

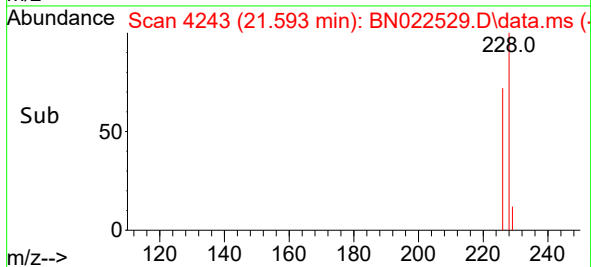
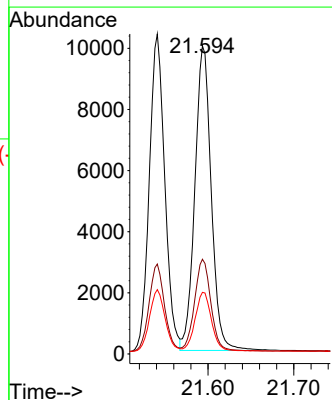
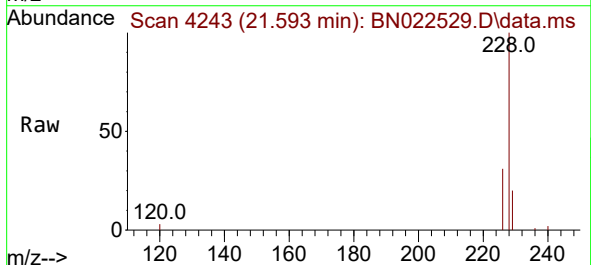
Instrument :
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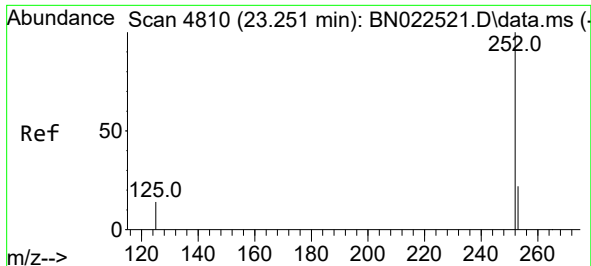
Tgt Ion:228 Resp: 13029
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.1 21.5 32.3



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.593 min Scan# 4243
Delta R.T. -0.000 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

Tgt Ion:228 Resp: 13189
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 20.0 15.9 23.9

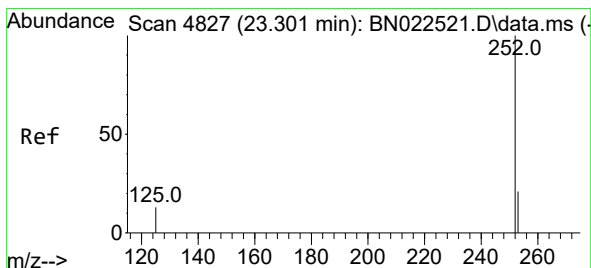
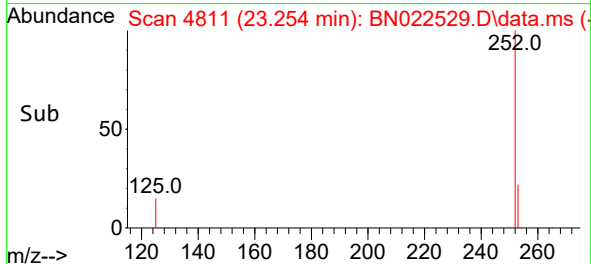
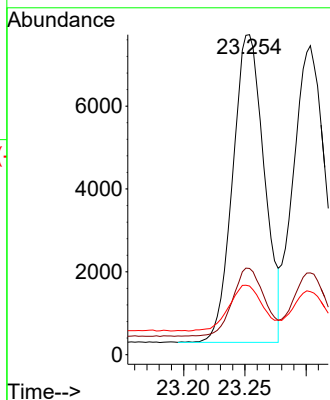
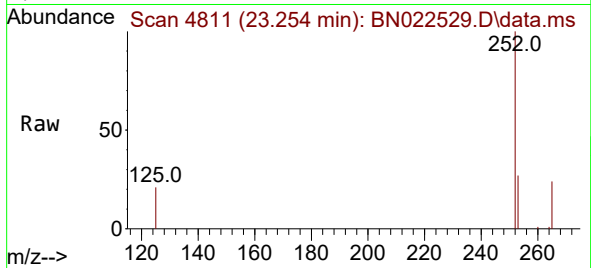




#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.254 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

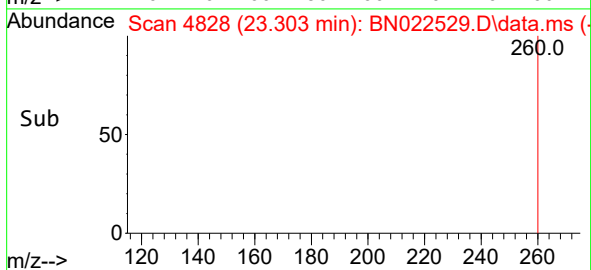
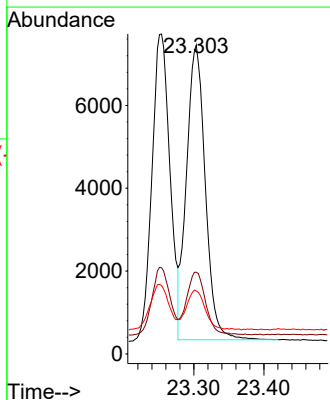
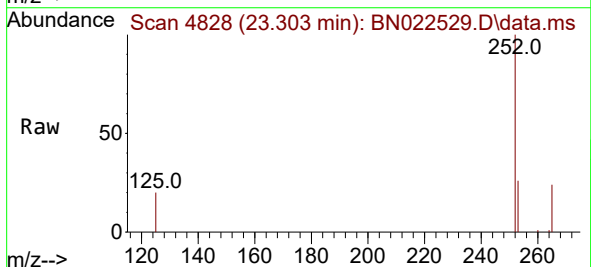
Instrument :
BNA_N
ClientSampleId :
SLCS825

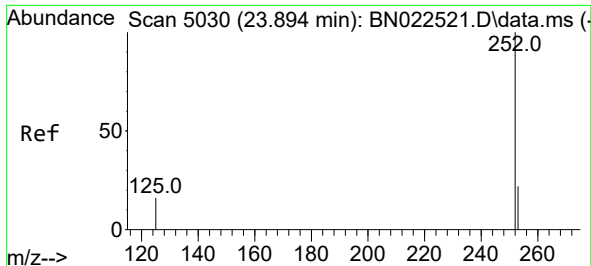
Tgt Ion:252 Resp: 13299
Ion Ratio Lower Upper
252 100
253 26.9 0.0 49.0
125 21.4 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.303 min Scan# 4828
Delta R.T. 0.003 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

Tgt Ion:252 Resp: 13289
Ion Ratio Lower Upper
252 100
253 26.4 19.7 29.5
125 20.4 14.0 21.0

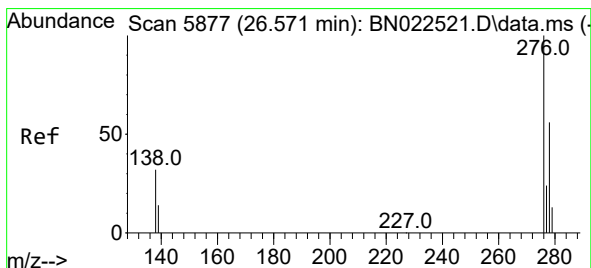
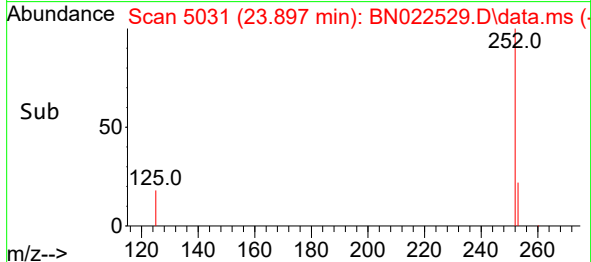
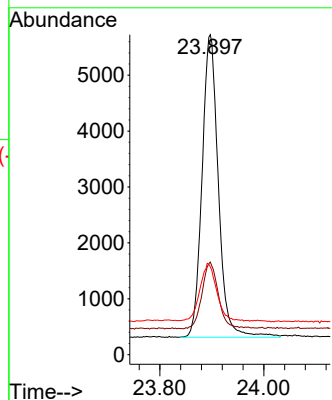
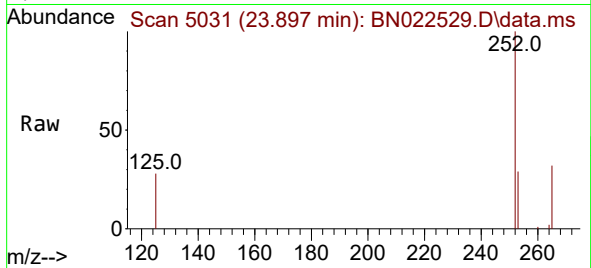




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.897 min Scan# 5030
Delta R.T. 0.003 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

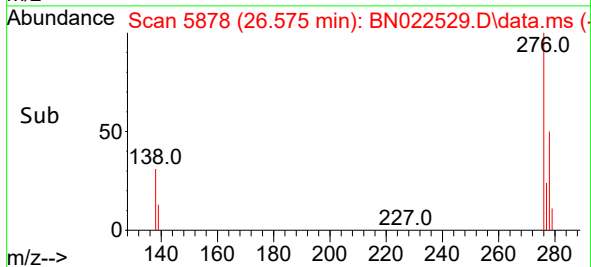
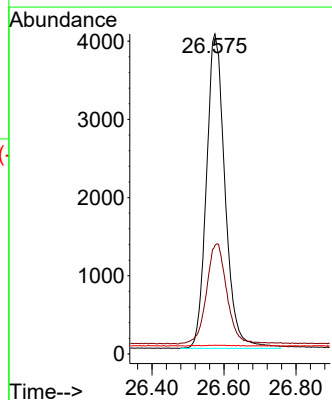
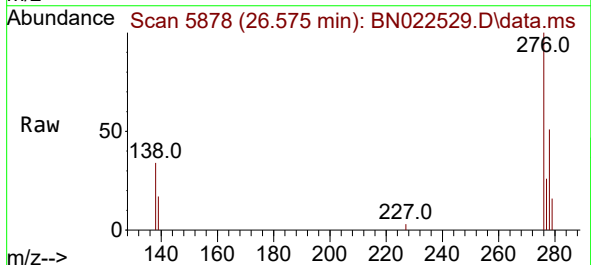
Instrument :
BNA_N
ClientSampleId :
SLCS825

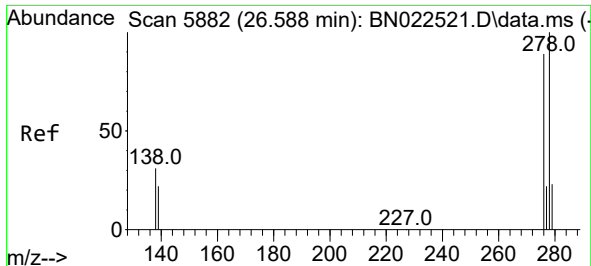
Tgt Ion:252 Resp: 11752
Ion Ratio Lower Upper
252 100
253 28.9 21.0 31.6
125 27.5 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 26.575 min Scan# 5878
Delta R.T. 0.003 min
Lab File: BN022529.D
Acq: 07 Nov 2022 16:23

Tgt Ion:276 Resp: 14421
Ion Ratio Lower Upper
276 100
138 34.7 27.7 41.5
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.349 ng/ul

RT: 26.595 min Scan# 5884

Delta R.T. 0.007 min

Lab File: BN022529.D

Acq: 07 Nov 2022 16:23

Instrument :

BNA_N

ClientSampleId :

SLCS825

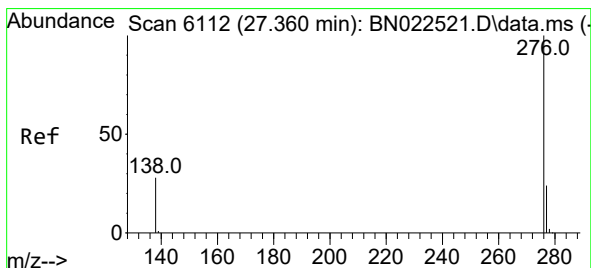
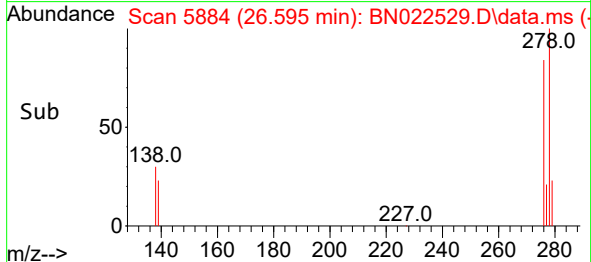
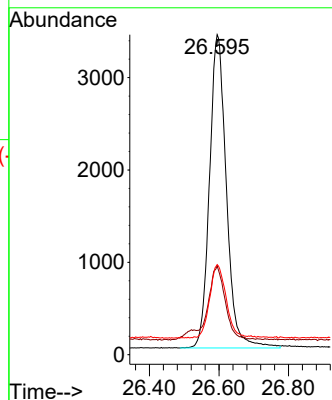
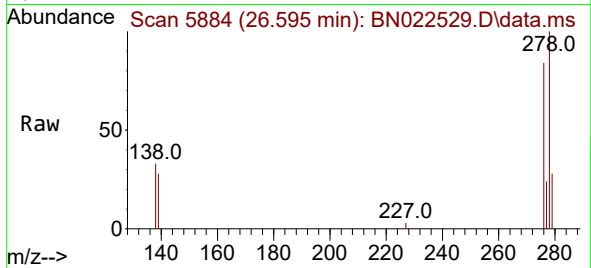
Tgt Ion:278 Resp: 11447

Ion Ratio Lower Upper

278 100

139 27.7 19.6 29.4

279 28.2 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.348 ng/ul

RT: 27.366 min Scan# 6114

Delta R.T. 0.007 min

Lab File: BN022529.D

Acq: 07 Nov 2022 16:23

Tgt Ion:276 Resp: 11649

Ion Ratio Lower Upper

276 100

138 32.1 25.2 37.8

277 26.2 19.9 29.9

