

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
 Data File : BN022429.D
 Acq On : 01 Nov 2022 09:42
 Operator : CG/JU
 Sample : PB148653BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS653

Quant Time: Nov 02 00:52:18 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 : Tue Nov 01 01:09:32 2022
 Response via : Initial Calibration

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

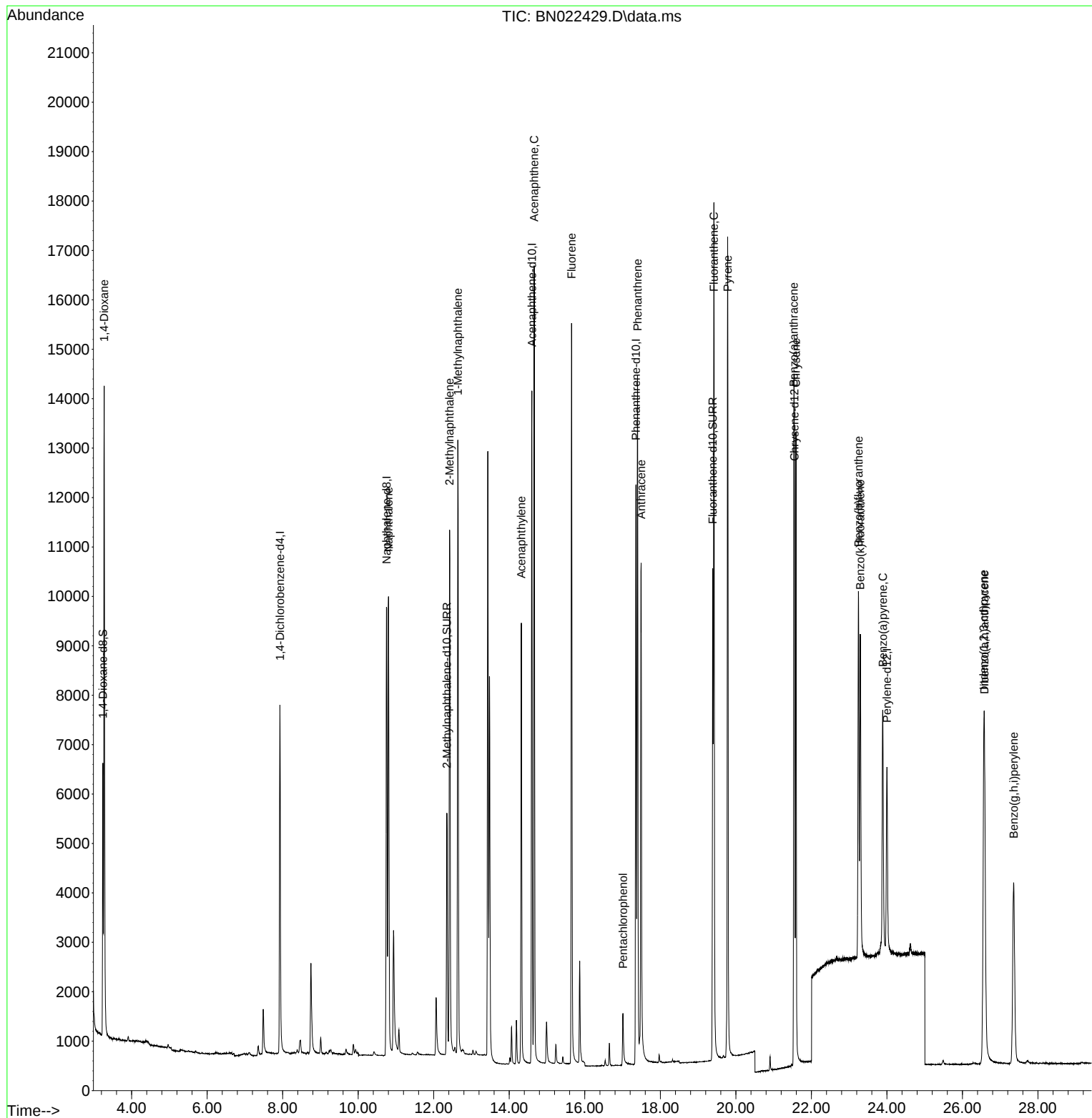
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	4062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	13412	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.599	164	7471	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.356	188	14270	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	8279	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	5670	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3423	0.648	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	6997	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	11219	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.274	88	8925	1.647	ng/ul#	87
5) Naphthalene	10.804	128	13508	0.341	ng/ul	100
7) 2-Methylnaphthalene	12.421	142	8346	0.334	ng/ul	100
8) 1-Methylnaphthalene	12.641	142	9032	0.352	ng/ul	100
10) Acenaphthylene	14.321	152	10743	0.320	ng/ul	100
11) Acenaphthene	14.659	153	9365	0.331	ng/ul	100
12) Fluorene	15.649	166	10153	0.309	ng/ul	98
14) Pentachlorophenol	17.010	266	954	0.281	ng/ul	99
15) Phenanthrene	17.394	178	15788	0.330	ng/ul	99
16) Anthracene	17.491	178	12814	0.317	ng/ul	99
19) Fluoranthene	19.420	202	15180	0.400	ng/ul	99
20) Pyrene	19.782	202	15038	0.395	ng/ul	98
21) Benzo(a)anthracene	21.535	228	10671	0.344	ng/ul	98
22) Chrysene	21.591	228	11534	0.351	ng/ul	99
24) Benzo(b)fluoranthene	23.245	252	9938	0.349	ng/ul	94
25) Benzo(k)fluoranthene	23.295	252	9660	0.349	ng/ul#	94
26) Benzo(a)pyrene	23.891	252	8226	0.362	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.565	276	10471	0.371	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.585	278	8292	0.368	ng/ul	96
29) Benzo(g,h,i)perylene	27.356	276	8884	0.386	ng/ul	98

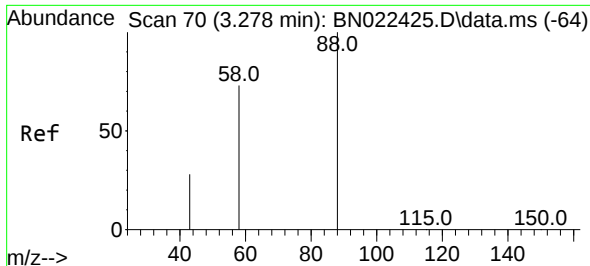
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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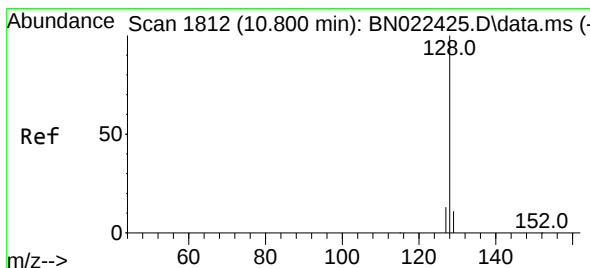
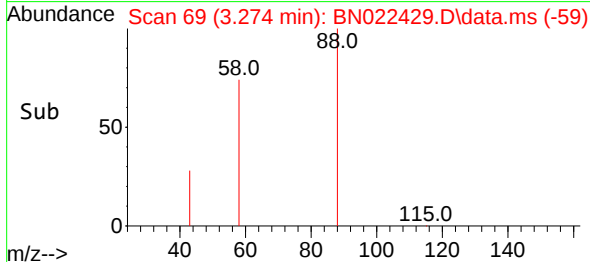
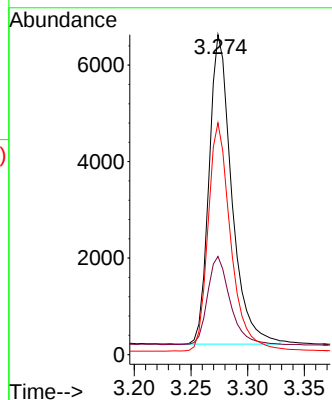
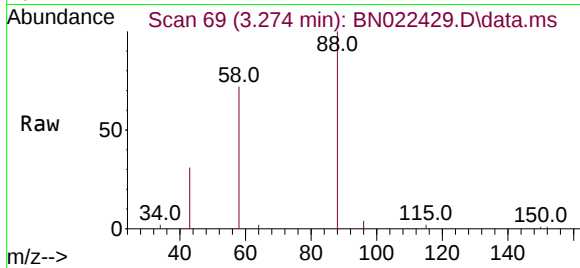




#2
 1,4-Dioxane
 Concen: 1.647 ng/ul
 RT: 3.274 min Scan# 69
 Delta R.T. -0.009 min
 Lab File: BN022429.D
 Acq: 01 Nov 2022 09:42

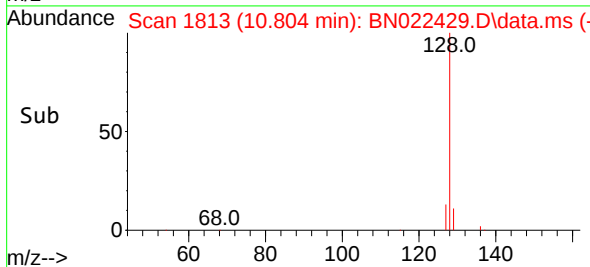
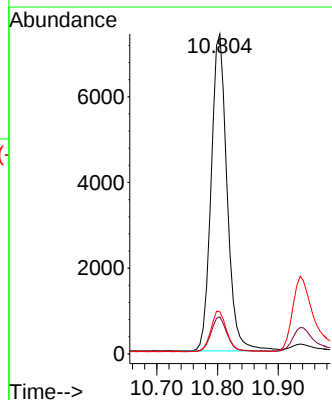
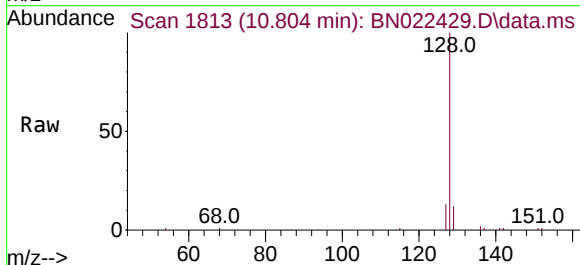
Instrument :
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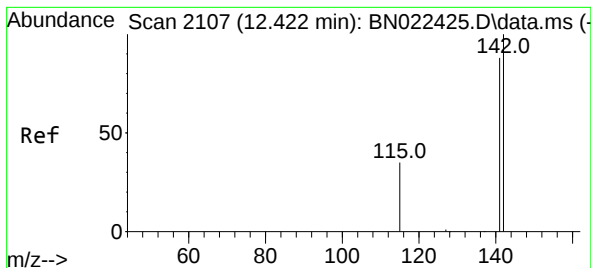
Tgt Ion: 88 Resp: 8925
 Ion Ratio Lower Upper
 88 100
 43 30.7 27.4 41.2
 58 72.4 48.2 72.2#



#5
 Naphthalene
 Concen: 0.341 ng/ul
 RT: 10.804 min Scan# 1813
 Delta R.T. 0.004 min
 Lab File: BN022429.D
 Acq: 01 Nov 2022 09:42

Tgt Ion: 128 Resp: 13508
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.3 13.9
 127 13.2 10.7 16.1

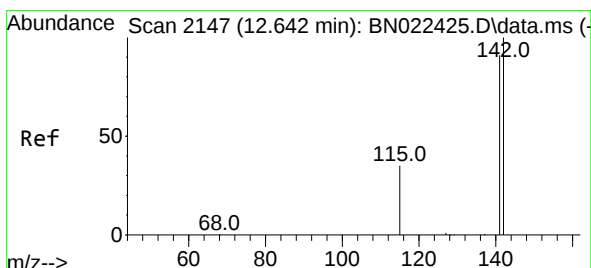
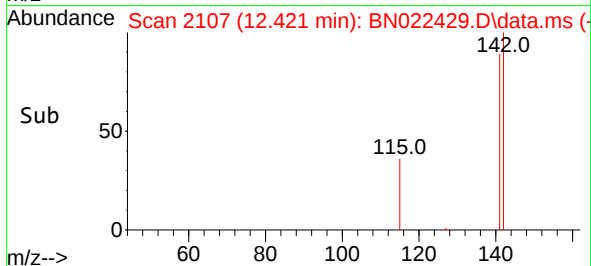
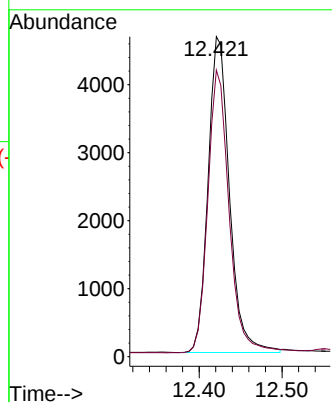
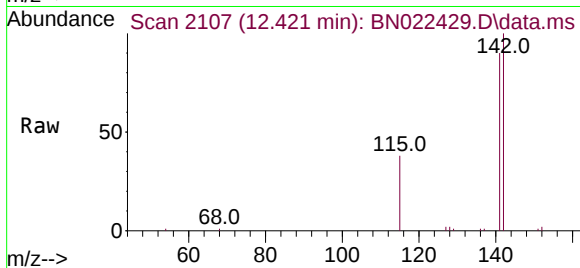




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.421 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

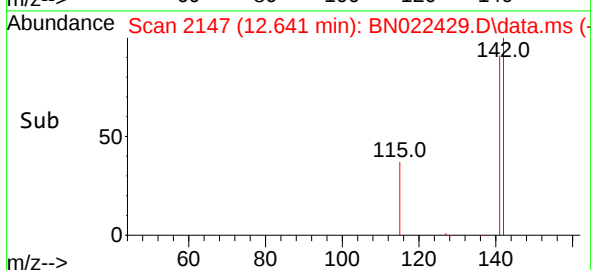
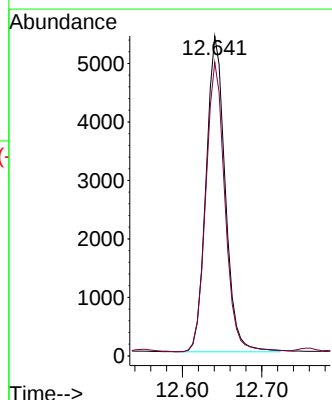
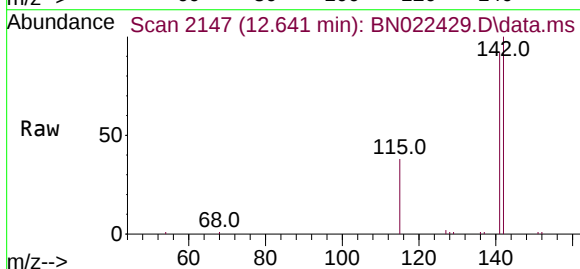
Instrument :
BNA_N
ClientSampleId :
SLCS653

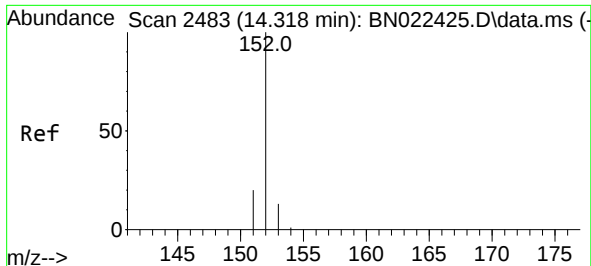
Tgt Ion:142 Resp: 8346
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.641 min Scan# 2147
Delta R.T. -0.001 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

Tgt Ion:142 Resp: 9032
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9

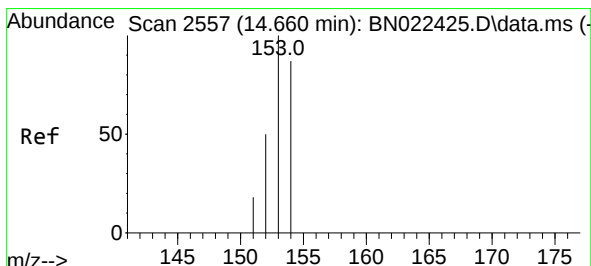
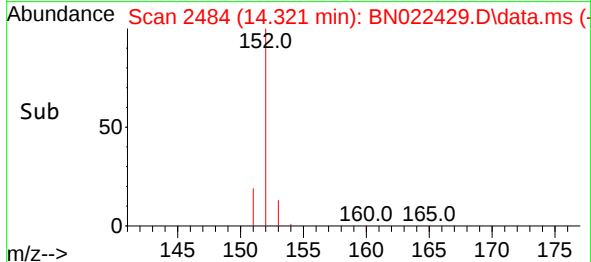
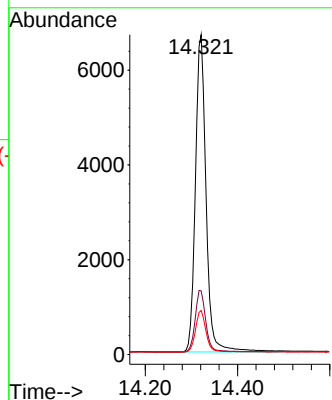
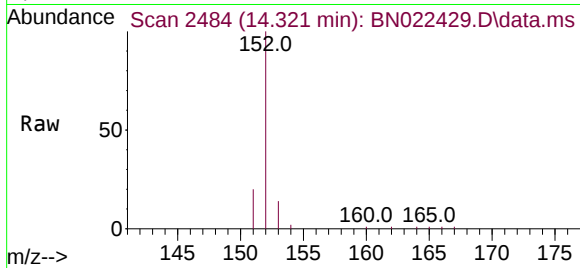




#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.321 min Scan# 2483
Delta R.T. 0.003 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

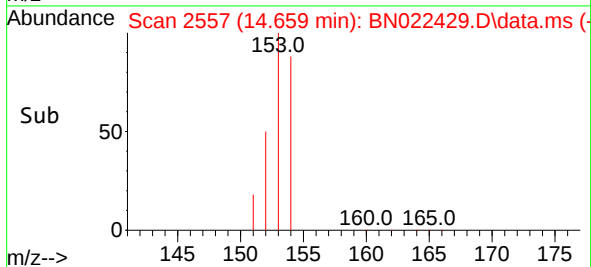
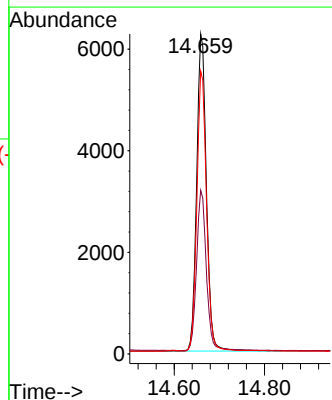
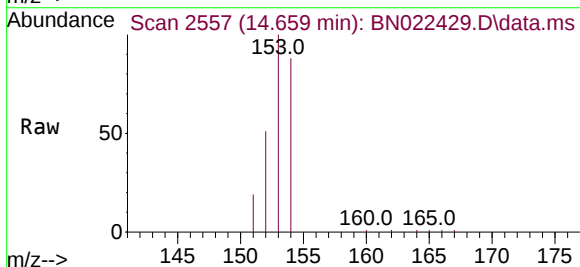
Instrument :
BNA_N
ClientSampleId :
SLCS653

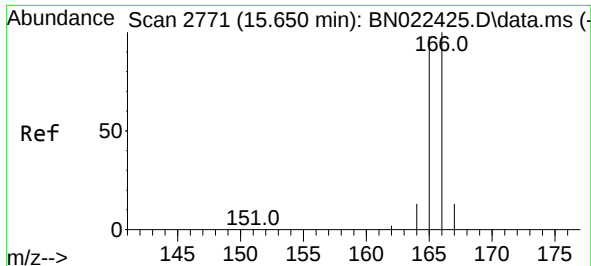
Tgt Ion:152 Resp: 10743
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.659 min Scan# 2557
Delta R.T. -0.001 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

Tgt Ion:153 Resp: 9365
Ion Ratio Lower Upper
153 100
152 51.1 40.6 61.0
154 88.4 70.6 106.0

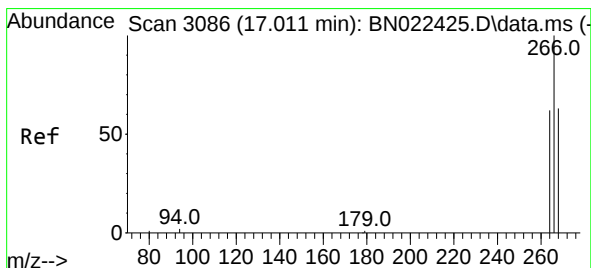
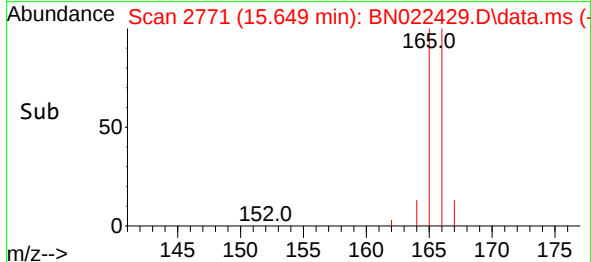
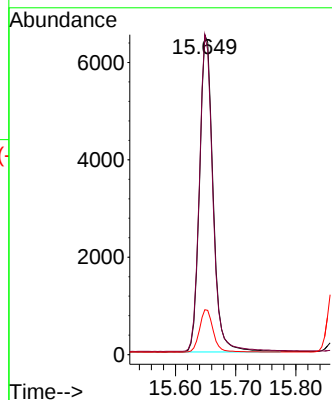
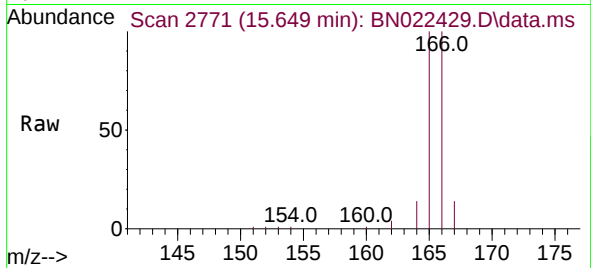




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.649 min Scan# 2771
Delta R.T. -0.001 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

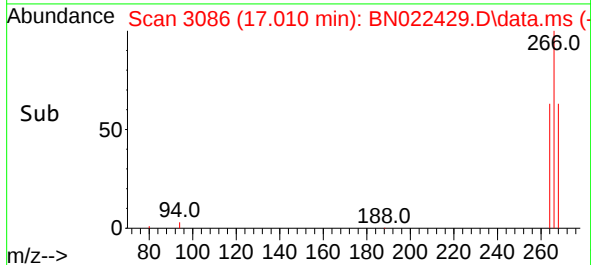
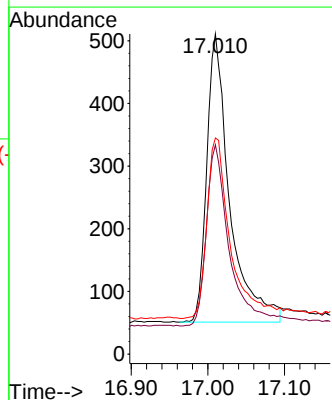
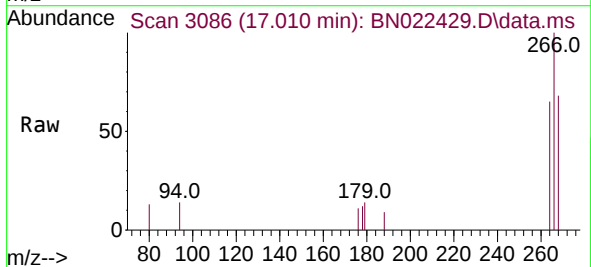
Instrument :
BNA_N
ClientSampleId :
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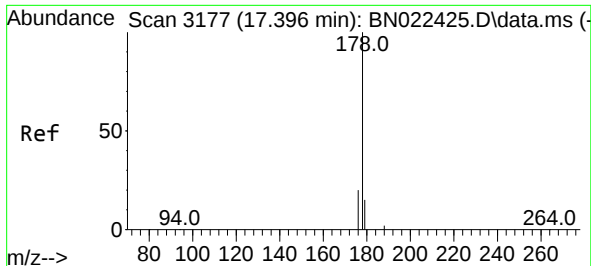
Tgt Ion:166 Resp: 10153
Ion Ratio Lower Upper
166 100
165 100.1 78.2 117.2
167 14.0 11.0 16.4



#14
Pentachlorophenol
Concen: 0.281 ng/ul
RT: 17.010 min Scan# 3086
Delta R.T. 0.003 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

Tgt Ion:266 Resp: 954
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.6
268 64.0 51.4 77.2

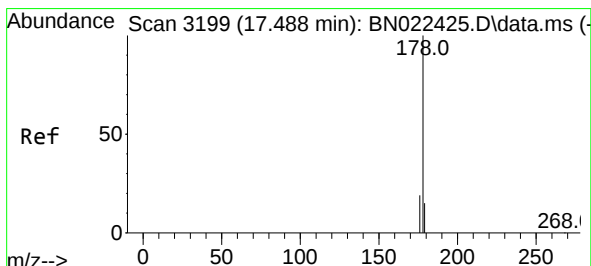
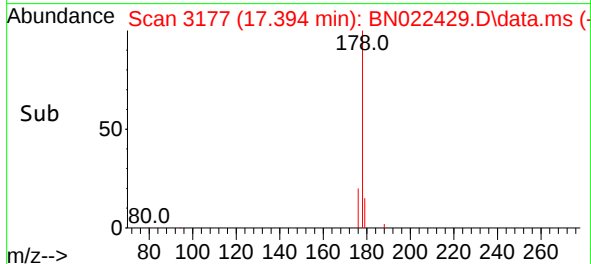
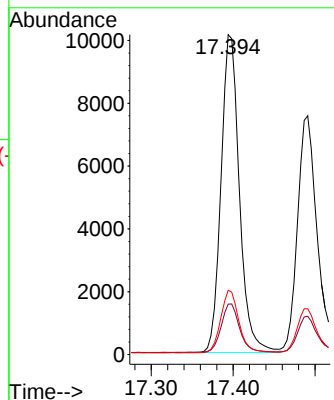
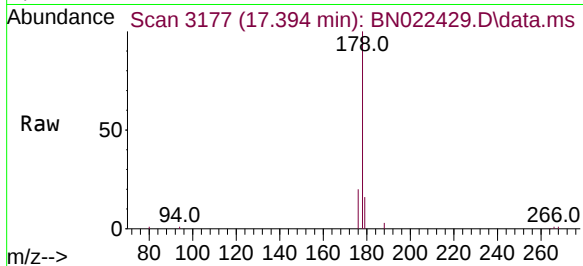




#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.394 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

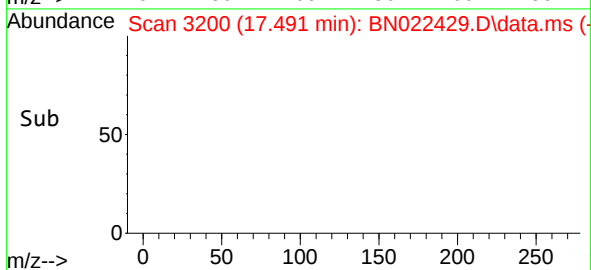
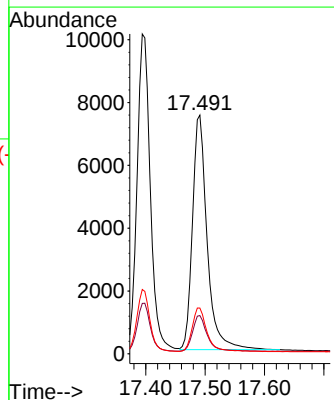
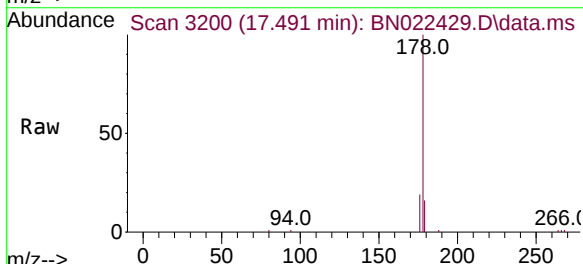
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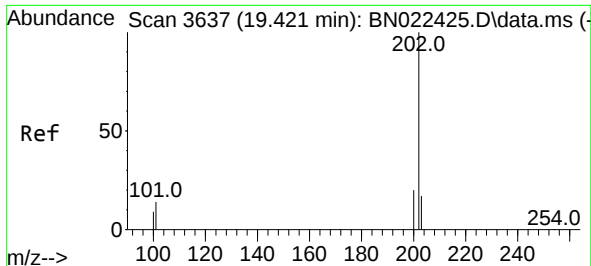
Tgt Ion:178 Resp: 15788
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 20.1 15.4 23.2



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.491 min Scan# 3200
Delta R.T. 0.003 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

Tgt Ion:178 Resp: 12814
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.2 15.0 22.6

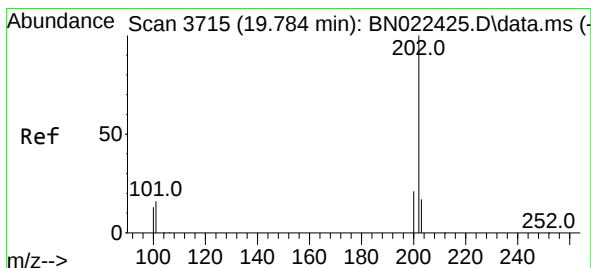
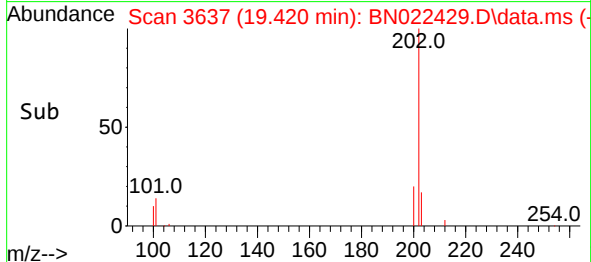
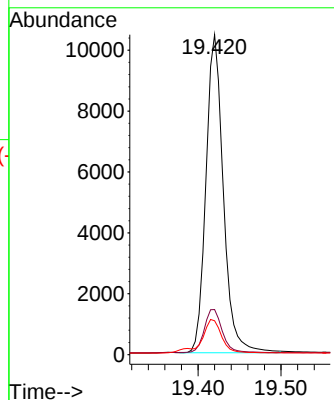
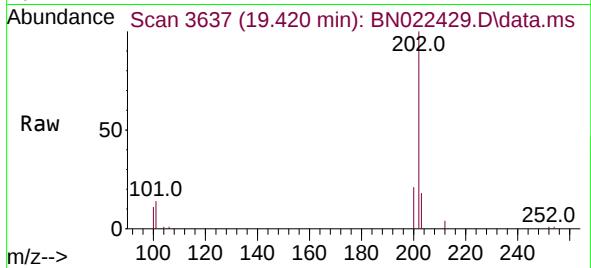




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.420 min Scan# 3637
Delta R.T. -0.001 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

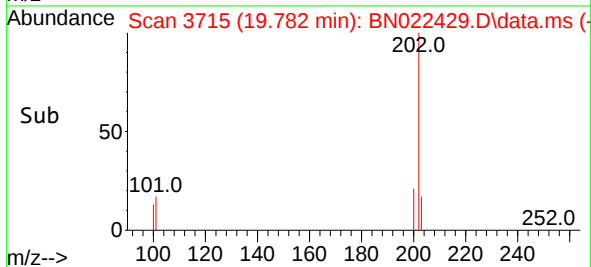
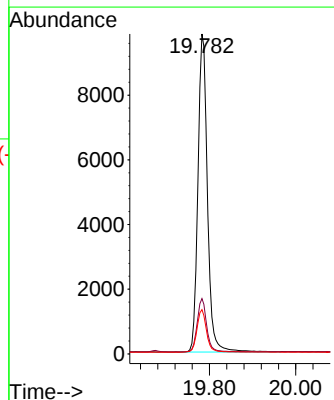
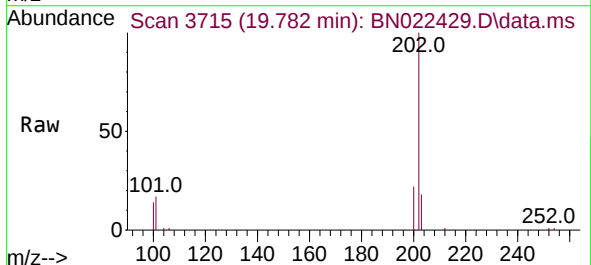
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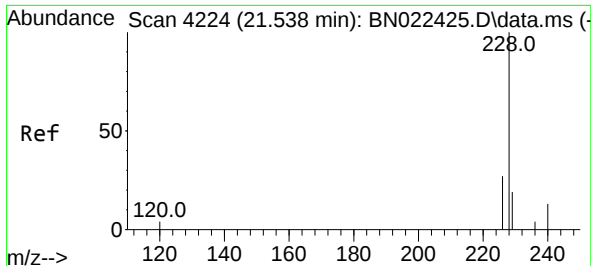
Tgt Ion:202 Resp: 15180
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 10.6 8.7 13.1



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.782 min Scan# 3715
Delta R.T. -0.001 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

Tgt Ion:202 Resp: 15038
Ion Ratio Lower Upper
202 100
101 17.3 13.1 19.7
100 13.8 10.6 16.0

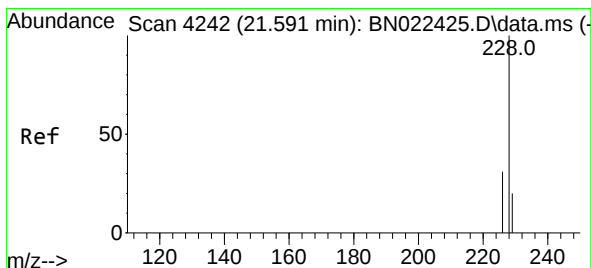
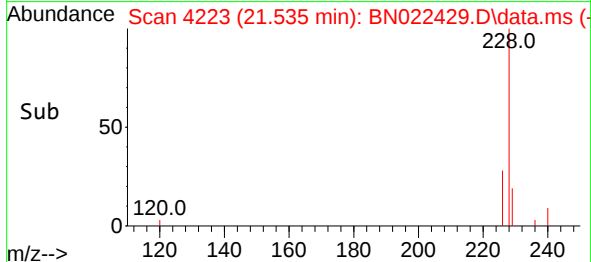
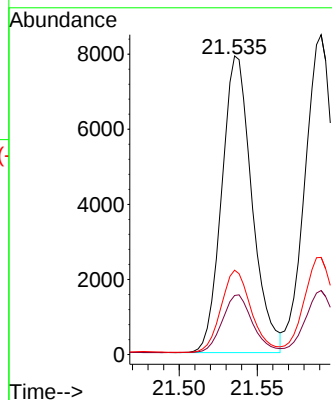
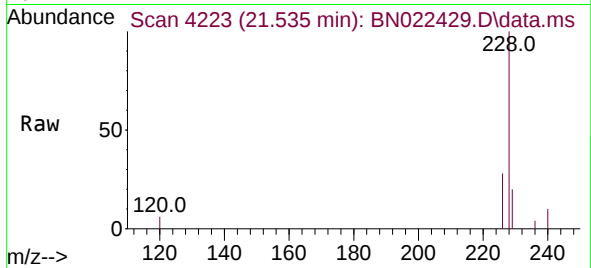




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.535 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

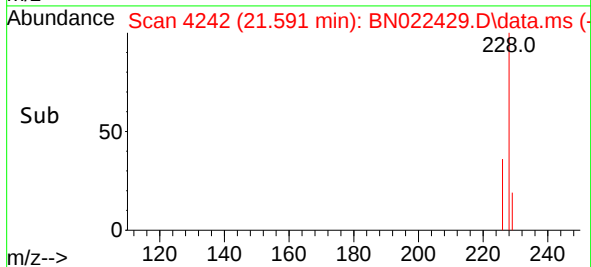
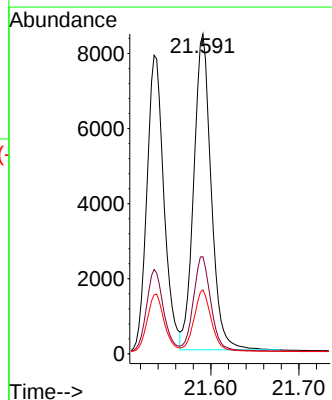
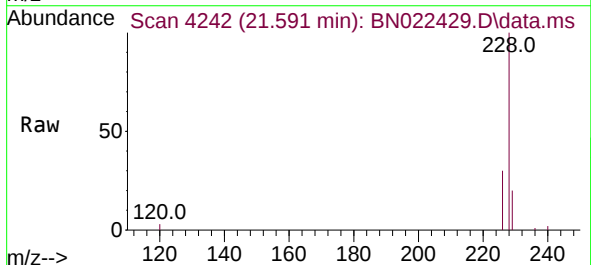
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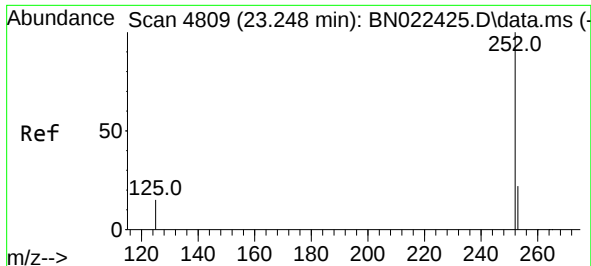
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Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.3 21.5 32.3



#22
Chrysene
Concen: 0.351 ng/ul
RT: 21.591 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

Tgt Ion:228 Resp: 11534
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.0 15.9 23.9

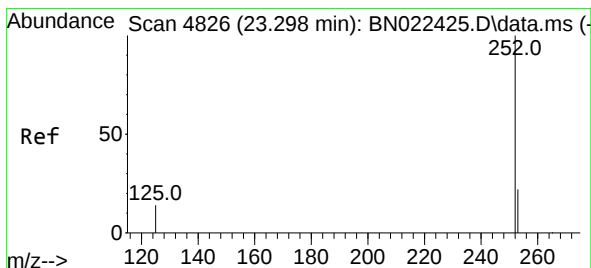
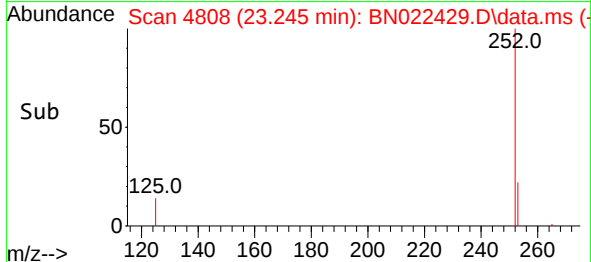
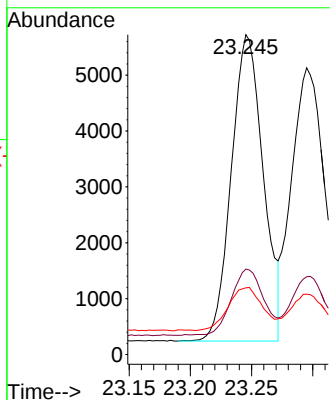
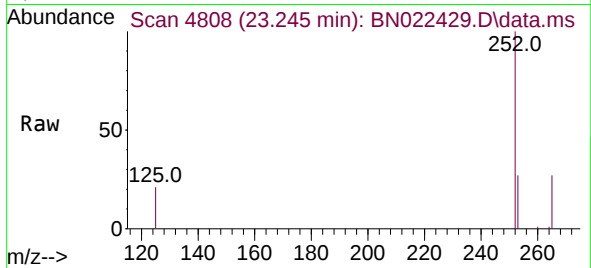




#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 23.245 min Scan# 4808
Delta R.T. -0.006 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

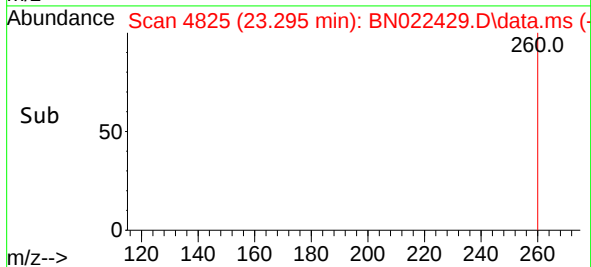
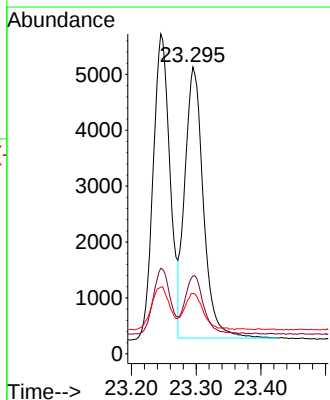
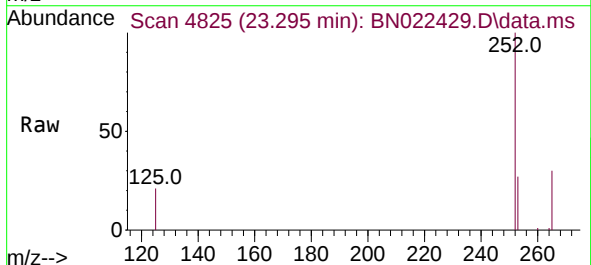
Instrument :
BNA_N
ClientSampleId :
SLCS653

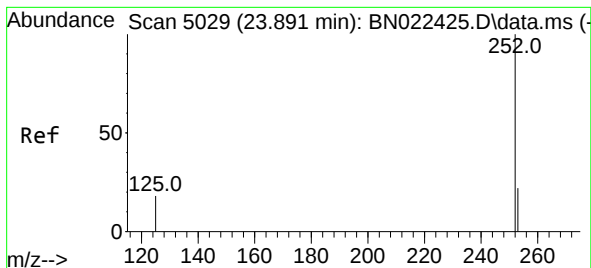
Tgt Ion:252 Resp: 9938
Ion Ratio Lower Upper
252 100
253 26.7 0.0 49.0
125 20.9 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.295 min Scan# 4825
Delta R.T. -0.006 min
Lab File: BN022429.D
Acq: 01 Nov 2022 09:42

Tgt Ion:252 Resp: 9660
Ion Ratio Lower Upper
252 100
253 27.2 19.7 29.5
125 21.1 14.0 21.0#





#26

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 23.891 min Scan# 5029

Delta R.T. 0.000 min

Lab File: BN022429.D

Acq: 01 Nov 2022 09:42

Instrument :

BNA_N

ClientSampleId :

SLCS653

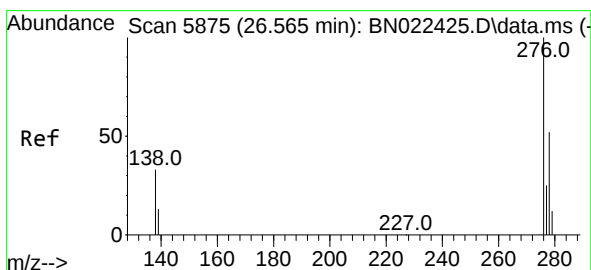
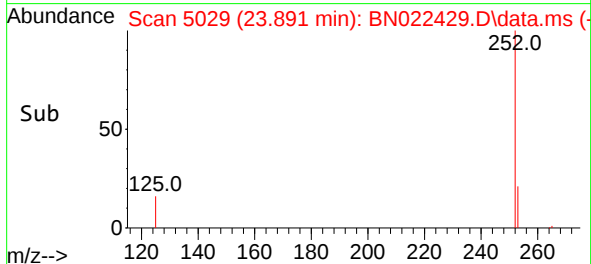
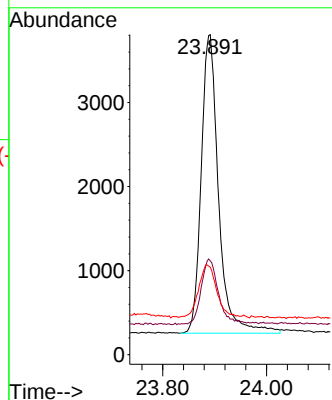
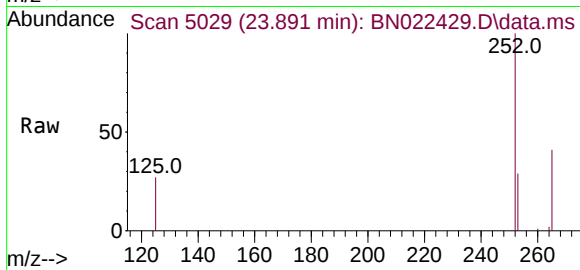
Tgt Ion:252 Resp: 8226

Ion Ratio Lower Upper

252 100

253 29.3 21.0 31.6

125 27.4 17.9 26.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng/ul

RT: 26.565 min Scan# 5875

Delta R.T. -0.003 min

Lab File: BN022429.D

Acq: 01 Nov 2022 09:42

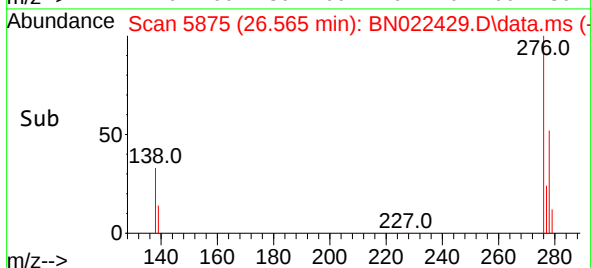
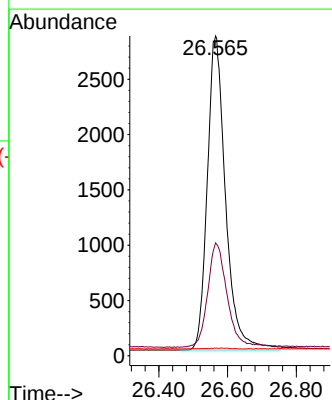
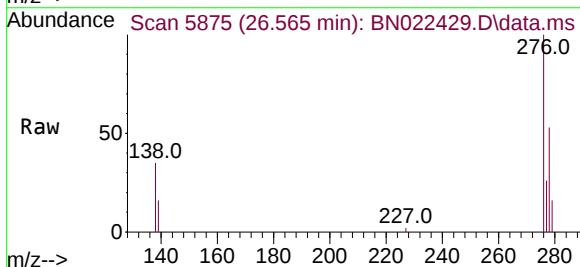
Tgt Ion:276 Resp: 10471

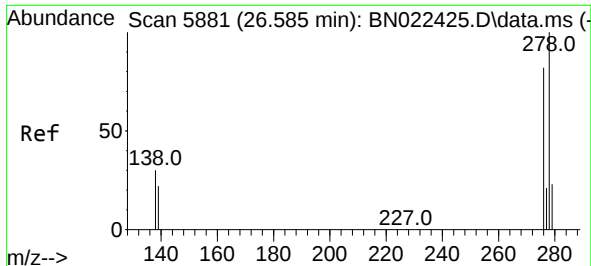
Ion Ratio Lower Upper

276 100

138 35.5 27.7 41.5

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.368 ng/ul

RT: 26.585 min Scan# 5881

Delta R.T. -0.003 min

Lab File: BN022429.D

Acq: 01 Nov 2022 09:42

Instrument :

BNA_N

ClientSampleId :

SLCS653

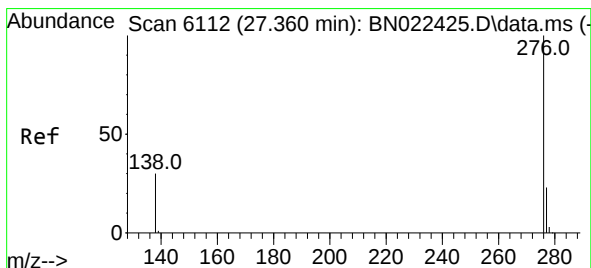
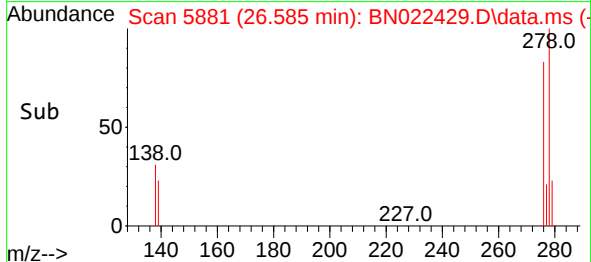
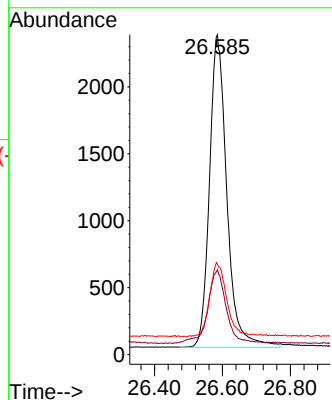
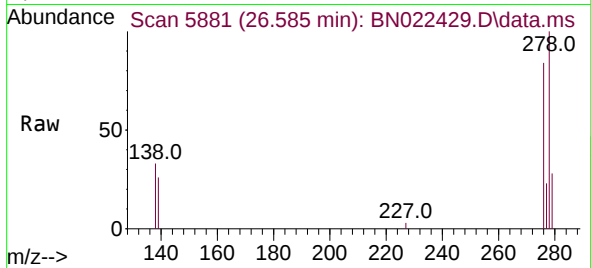
Tgt Ion:278 Resp: 8292

Ion Ratio Lower Upper

278 100

139 26.4 19.6 29.4

279 28.2 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.386 ng/ul

RT: 27.356 min Scan# 6111

Delta R.T. -0.003 min

Lab File: BN022429.D

Acq: 01 Nov 2022 09:42

Tgt Ion:276 Resp: 8884

Ion Ratio Lower Upper

276 100

138 32.4 25.2 37.8

277 26.2 19.9 29.9

