

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022561.D
 Acq On : 08 Nov 2022 15:22
 Operator : CG/JU
 Sample : PB148837BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS837

Quant Time: Nov 09 01:22:06 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 23:39:33 2022
 Response via : Initial Calibration

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

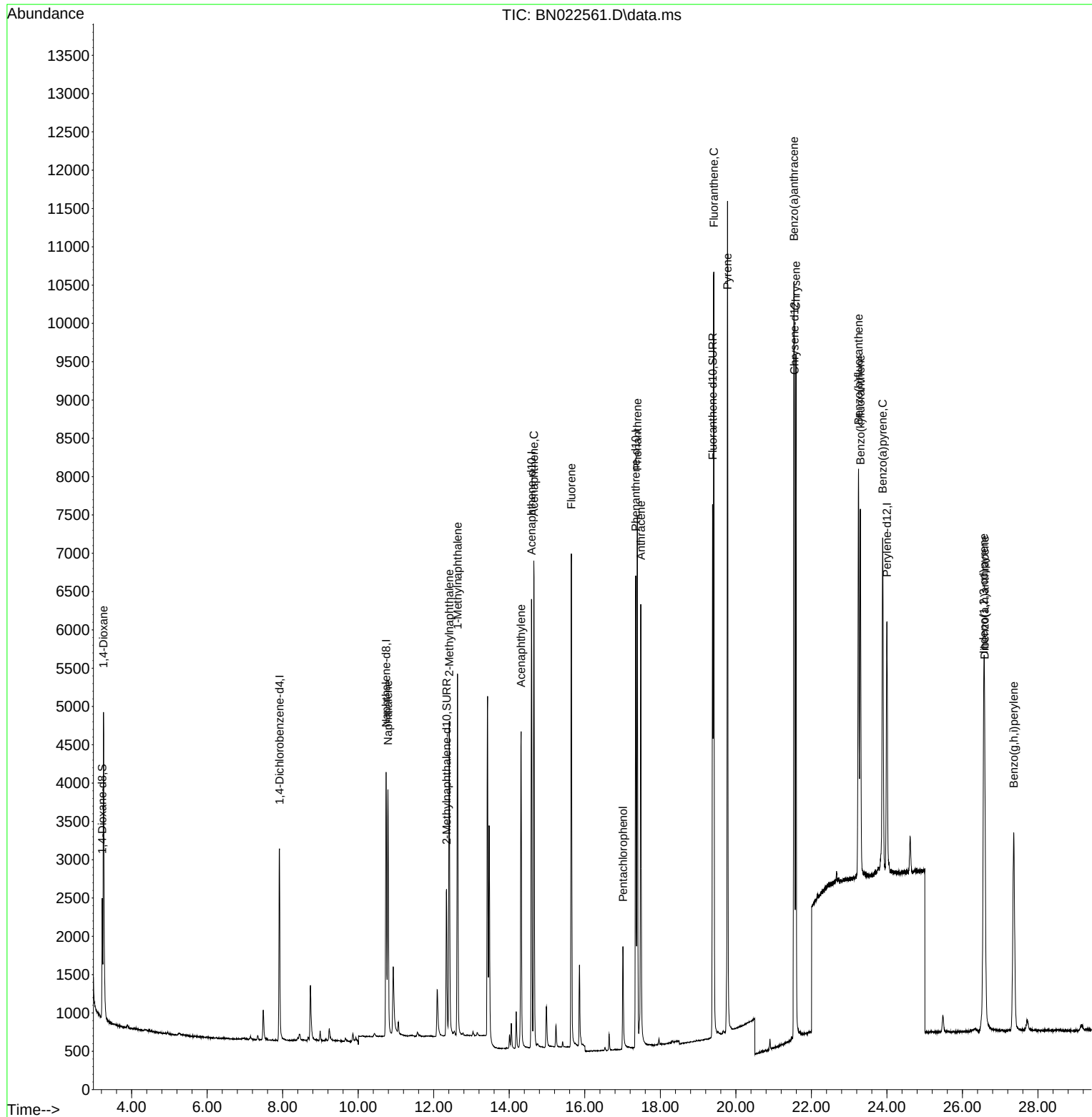
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	1441	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	5015	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	3330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	7206	0.400	ng/ul	0.00
17) Chrysene-d12	21.552	240	5963	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	4736	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	1097	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	2809	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.384	212	7313	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	2970	1.545	ng/ul	89
5) Naphthalene	10.789	128	4589	0.310	ng/ul	97
7) 2-Methylnaphthalene	12.411	142	3132	0.336	ng/ul	100
8) 1-Methylnaphthalene	12.631	142	3357	0.350	ng/ul	100
10) Acenaphthylene	14.313	152	5137	0.344	ng/ul	97
11) Acenaphthene	14.651	153	3813	0.302	ng/ul	99
12) Fluorene	15.645	166	4448	0.304	ng/ul	100
14) Pentachlorophenol	17.011	266	1063	0.620	ng/ul	99
15) Phenanthrene	17.391	178	7452	0.308	ng/ul	99
16) Anthracene	17.484	178	6823	0.335	ng/ul	98
19) Fluoranthene	19.416	202	8739	0.320	ng/ul	98
20) Pyrene	19.779	202	8998	0.328	ng/ul	99
21) Benzo(a)anthracene	21.538	228	7624	0.341	ng/ul	96
22) Chrysene	21.590	228	7814	0.330	ng/ul	98
24) Benzo(b)fluoranthene	23.248	252	6979	0.293	ng/ul	88
25) Benzo(k)fluoranthene	23.297	252	6670	0.288	ng/ul#	88
26) Benzo(a)pyrene	23.888	252	6511	0.343	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.561	276	6985	0.296	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.588	278	5745	0.305	ng/ul#	90
29) Benzo(g,h,i)perylene	27.356	276	5907	0.308	ng/ul	96

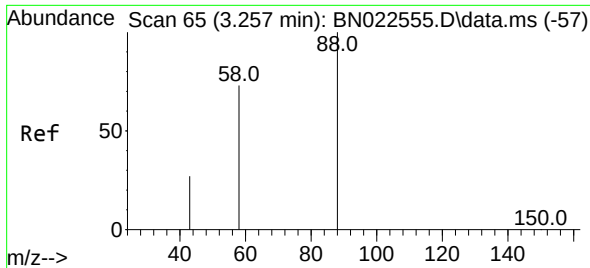
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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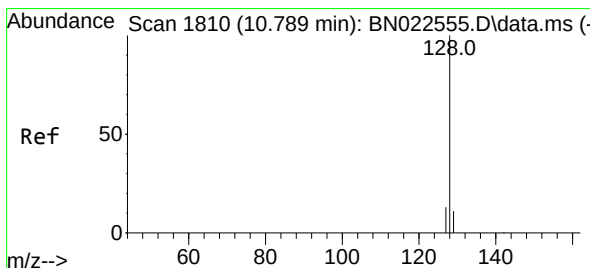
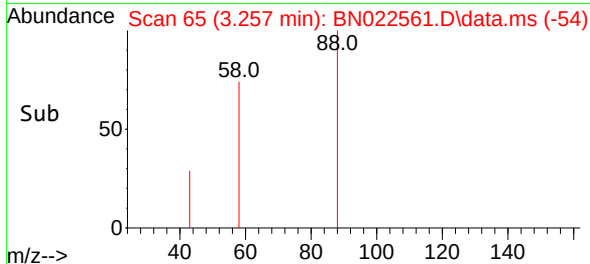
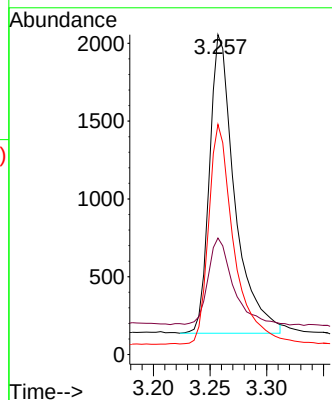
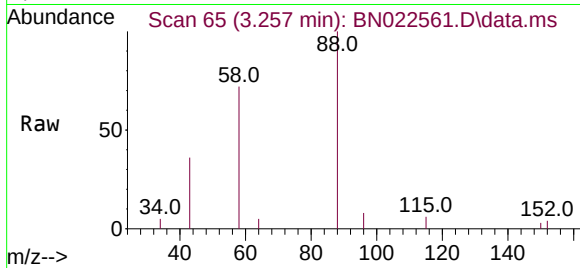




#2
1,4-Dioxane
Concen: 1.545 ng/ul
RT: 3.257 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

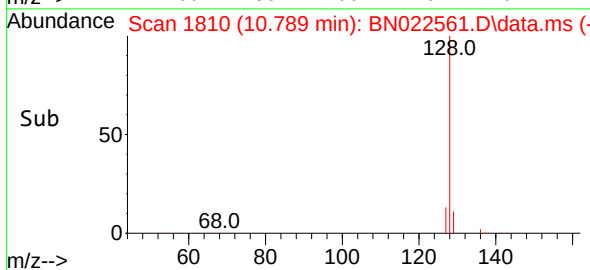
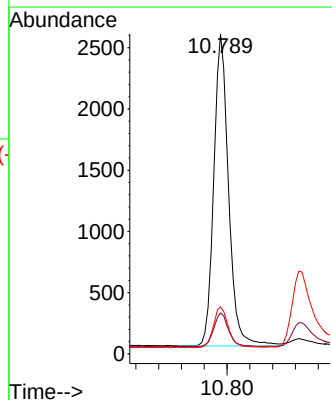
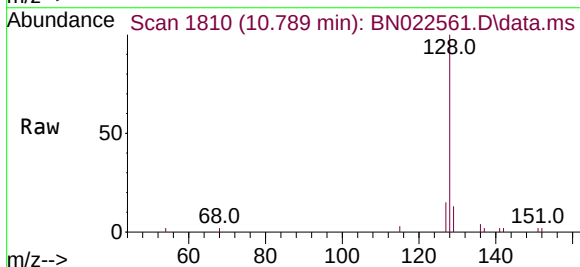
Instrument :
BNA_N
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SLCS837

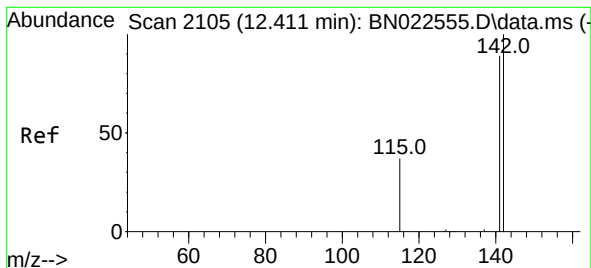
Tgt Ion: 88	Resp:	2970
Ion	Ratio	Lower Upper
88	100	
43	36.4	27.4 41.2
58	71.9	48.2 72.2



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.789 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion: 128	Resp:	4589
Ion	Ratio	Lower Upper
128	100	
129	12.8	9.3 13.9
127	14.7	10.7 16.1

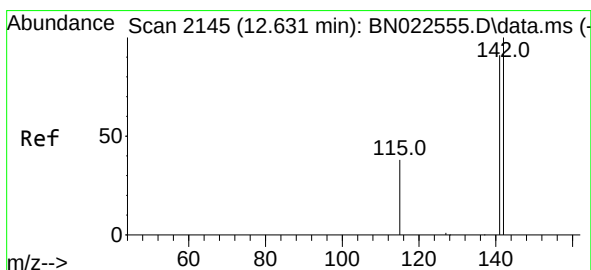
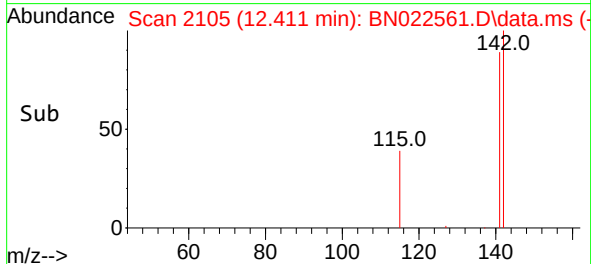
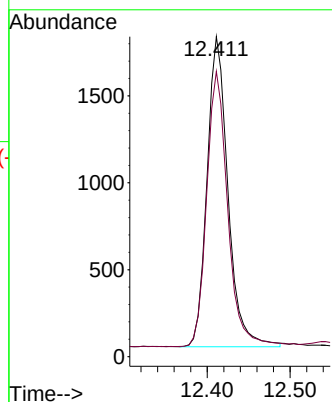
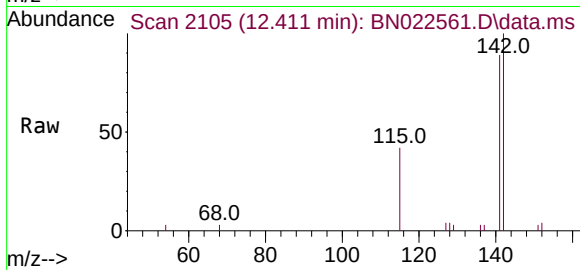




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.411 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

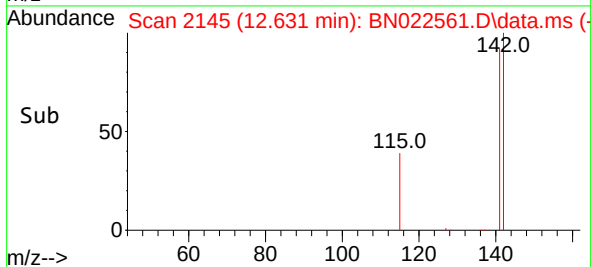
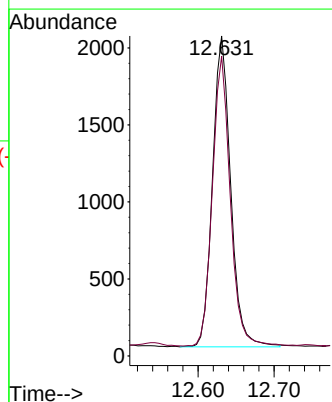
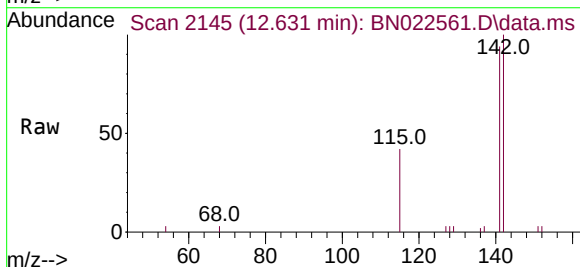
Instrument :
BNA_N
ClientSampleId :
SLCS837

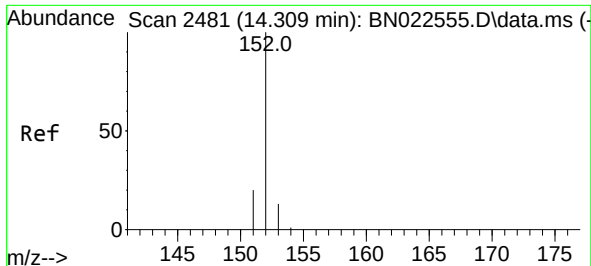
Tgt Ion:142 Resp: 3132
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.631 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:142 Resp: 3357
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

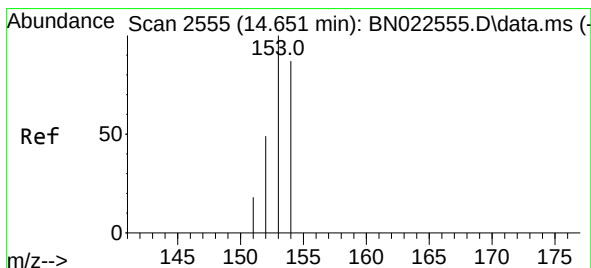
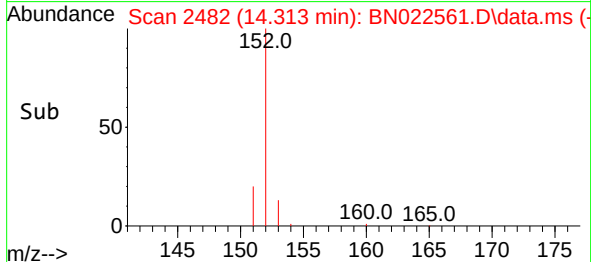
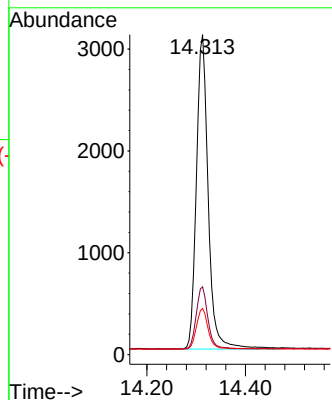
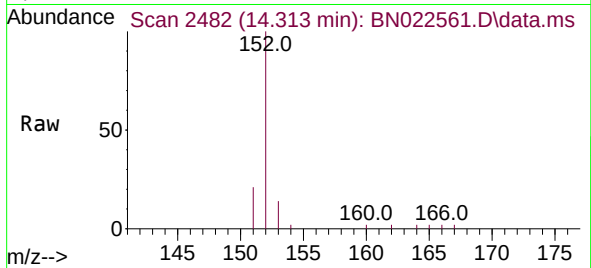




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.313 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

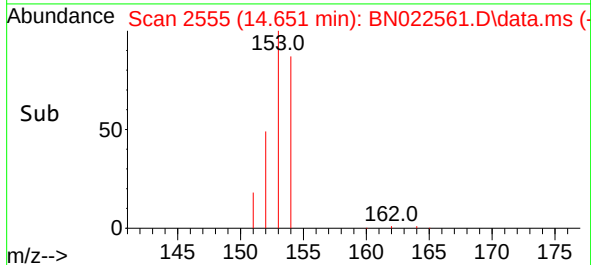
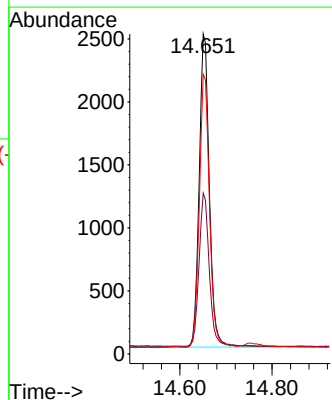
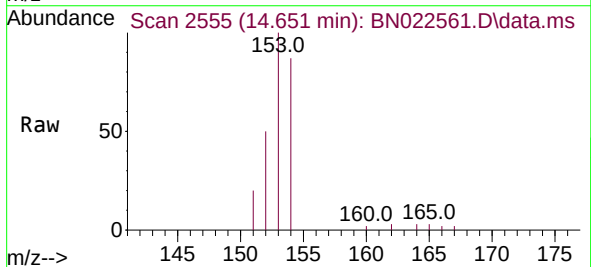
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ClientSampleId :
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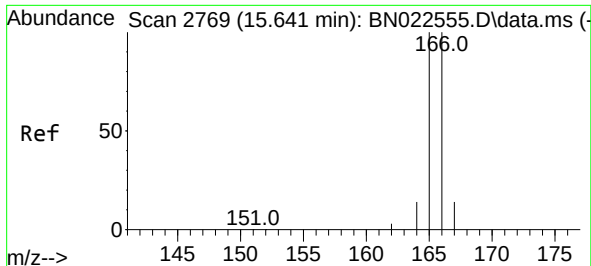
Tgt Ion:152 Resp: 5137
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 14.4 10.8 16.2



#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.651 min Scan# 2555
Delta R.T. -0.010 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:153 Resp: 3813
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 87.4 70.6 106.0

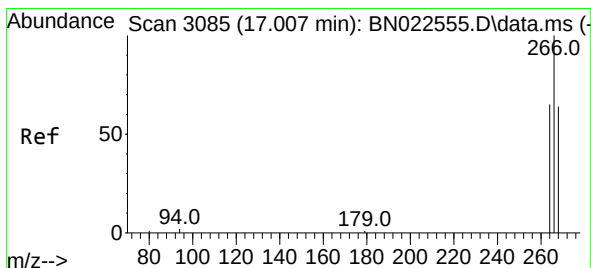
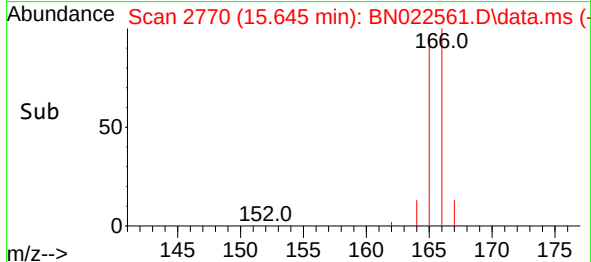
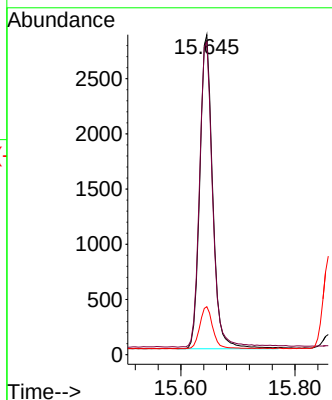
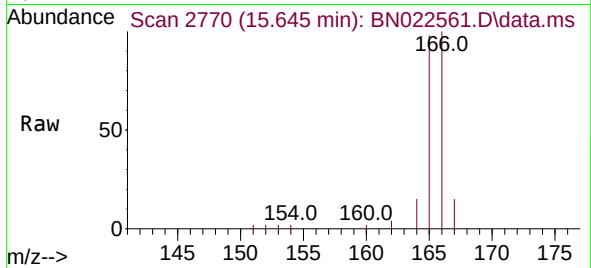




#12
 Fluorene
 Concen: 0.304 ng/ul
 RT: 15.645 min Scan# 2769
 Delta R.T. -0.005 min
 Lab File: BN022561.D
 Acq: 08 Nov 2022 15:22

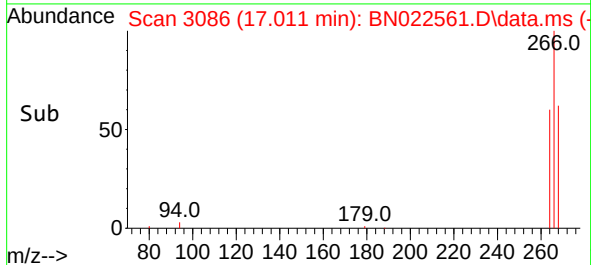
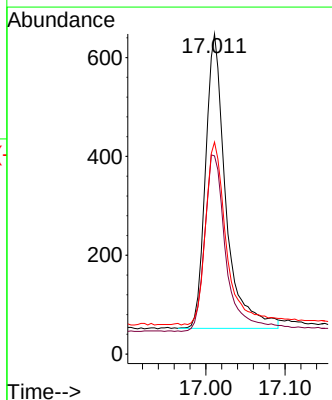
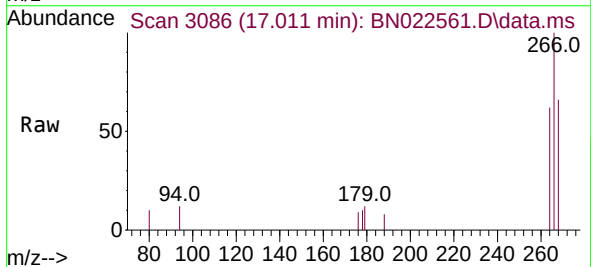
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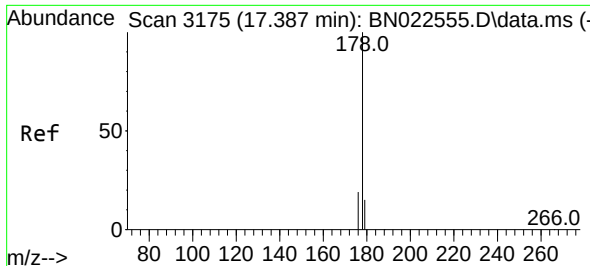
Tgt Ion:166 Resp: 4448
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.2 117.2
 167 15.0 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.620 ng/ul
 RT: 17.011 min Scan# 3086
 Delta R.T. -0.000 min
 Lab File: BN022561.D
 Acq: 08 Nov 2022 15:22

Tgt Ion:266 Resp: 1063
 Ion Ratio Lower Upper
 266 100
 264 63.3 49.8 74.6
 268 64.4 51.4 77.2

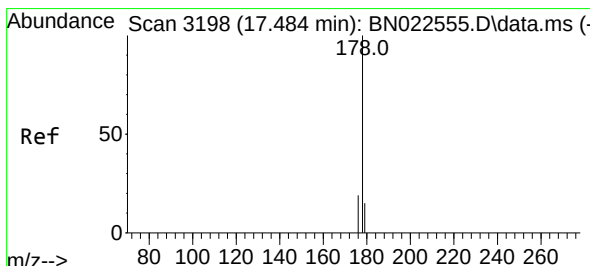
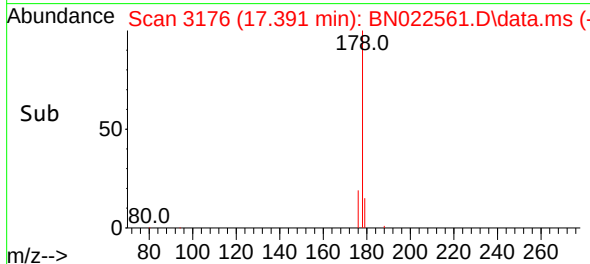
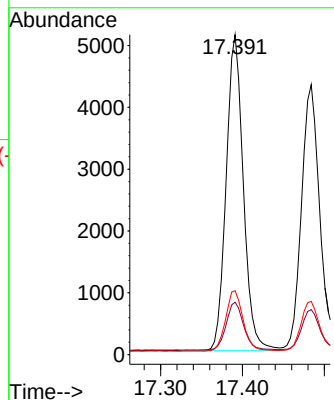
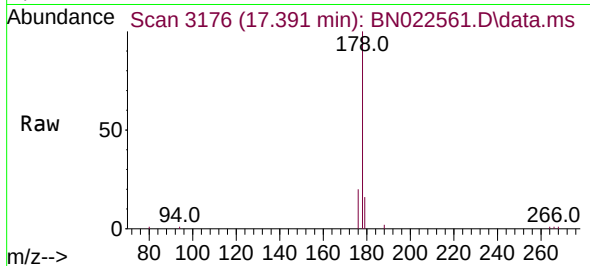




#15
Phenanthrene
Concen: 0.308 ng/ul
RT: 17.391 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

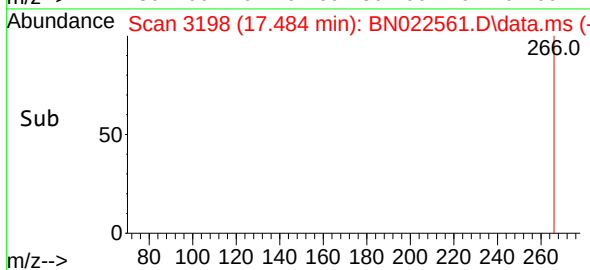
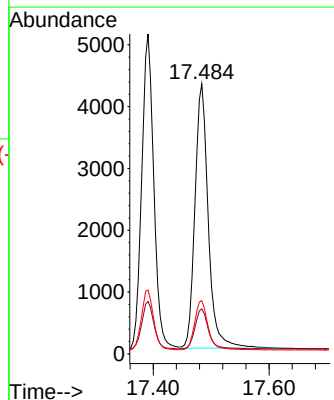
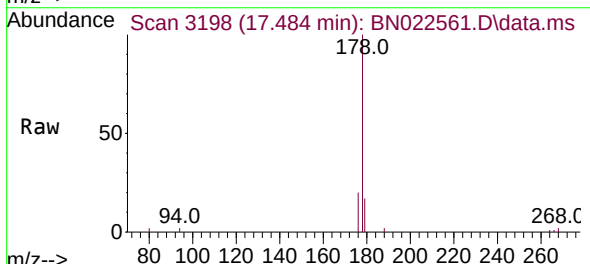
Instrument :
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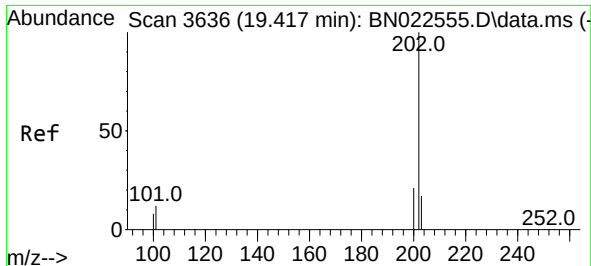
Tgt Ion:178	Resp:	7452
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.7 19.1
176	20.0	15.4 23.2



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.484 min Scan# 3198
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:178	Resp:	6823
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.6 18.8
176	19.7	15.0 22.6

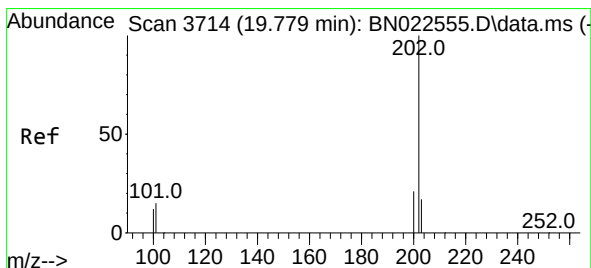
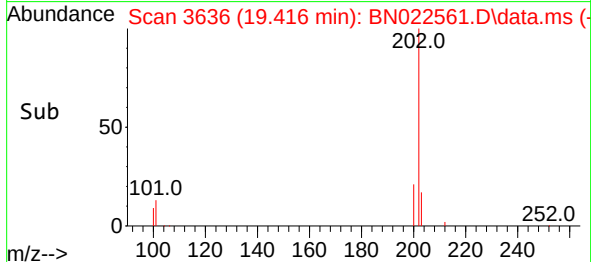
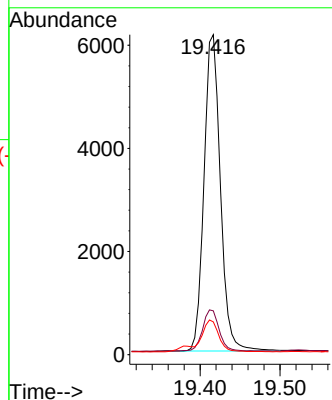
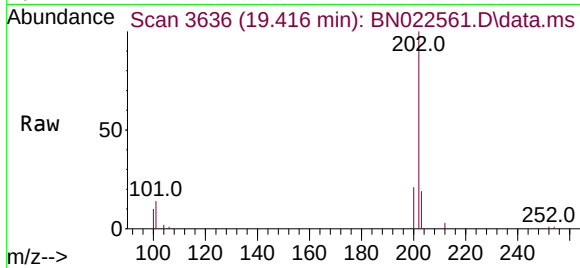




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

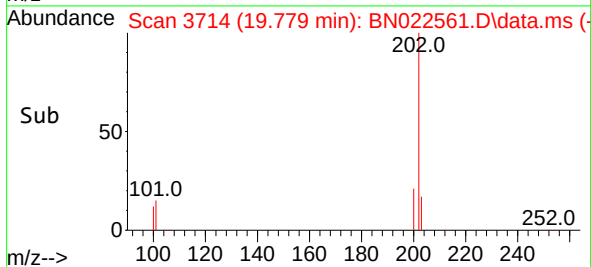
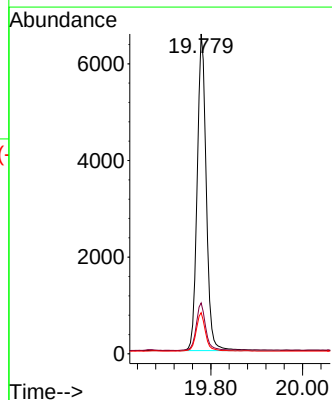
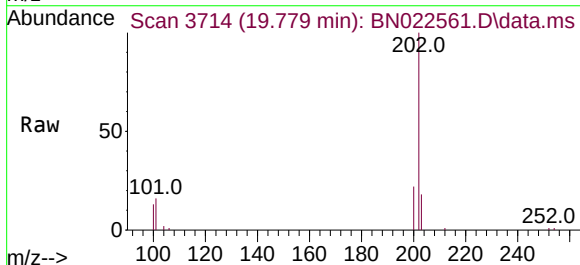
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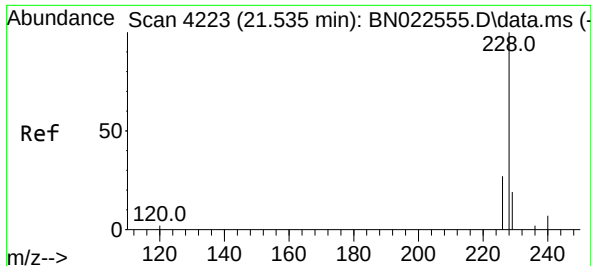
Tgt Ion:202 Resp: 8739
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 10.2 8.7 13.1



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.779 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:202 Resp: 8998
Ion Ratio Lower Upper
202 100
101 15.9 13.1 19.7
100 12.9 10.6 16.0

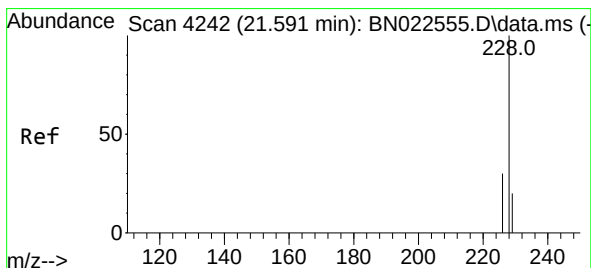
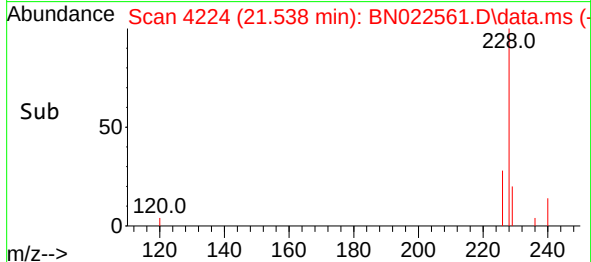
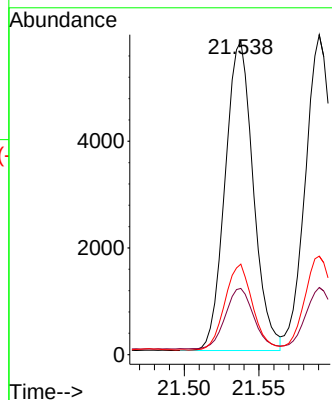
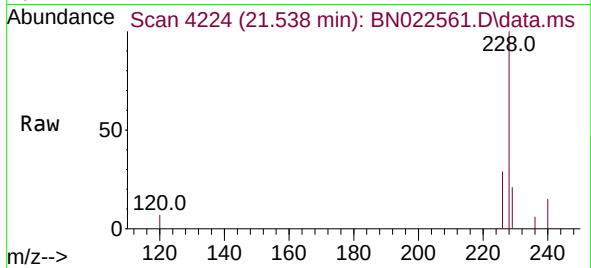




#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.538 min Scan# 4223
Delta R.T. -0.000 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

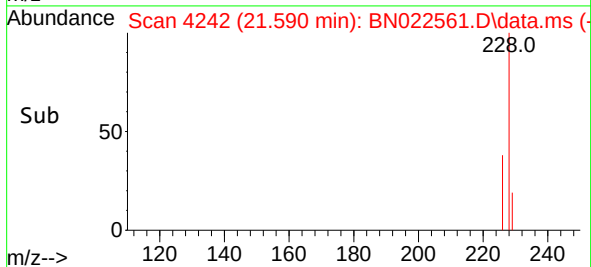
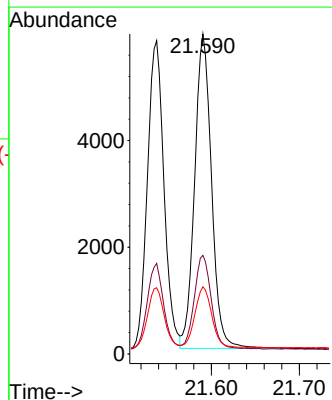
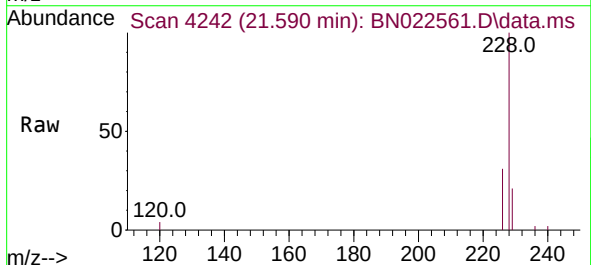
Instrument :
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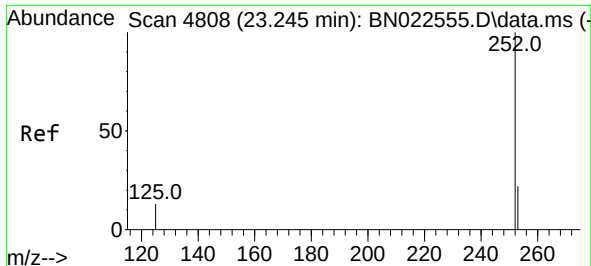
Tgt Ion:228 Resp: 7624
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.9 21.5 32.3



#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.590 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

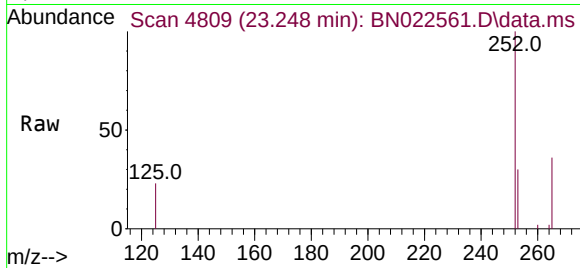
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Ion Ratio Lower Upper
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226 30.8 23.9 35.9
229 21.0 15.9 23.9



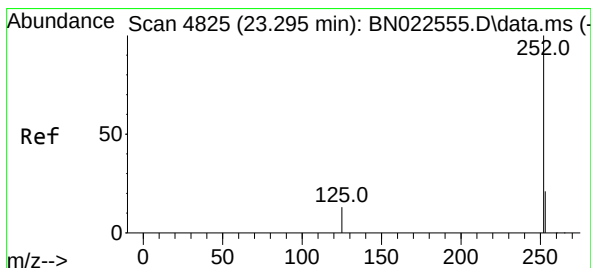
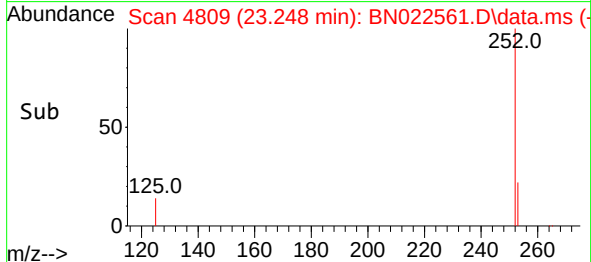
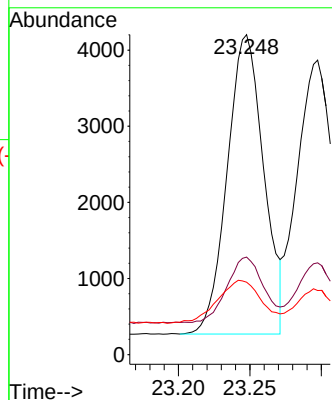


#24
Benzo(b)fluoranthene
Concen: 0.293 ng/ul
RT: 23.248 min Scan# 4809
Delta R.T. -0.003 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SLCS837

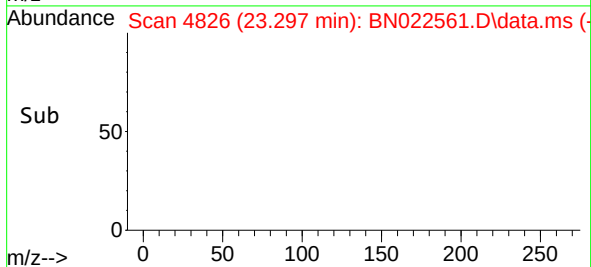
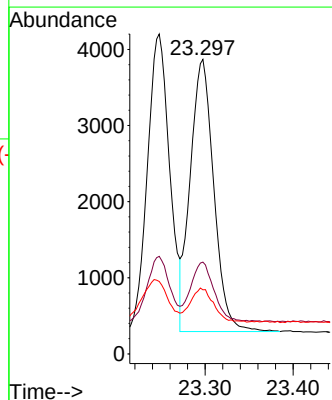
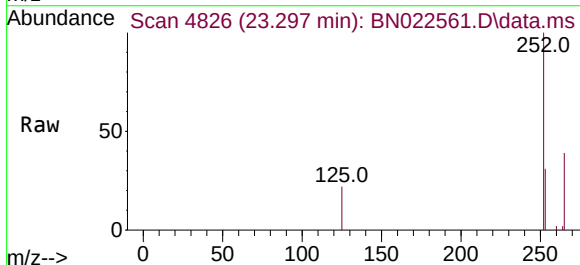


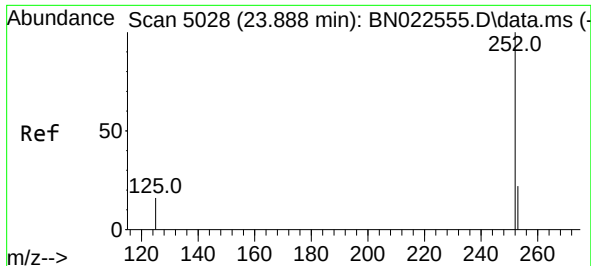
Tgt Ion:252 Resp: 6979
Ion Ratio Lower Upper
252 100
253 30.5 0.0 49.0
125 22.6 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul
RT: 23.297 min Scan# 4826
Delta R.T. -0.003 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:252 Resp: 6670
Ion Ratio Lower Upper
252 100
253 31.2 19.7 29.5#
125 21.8 14.0 21.0#

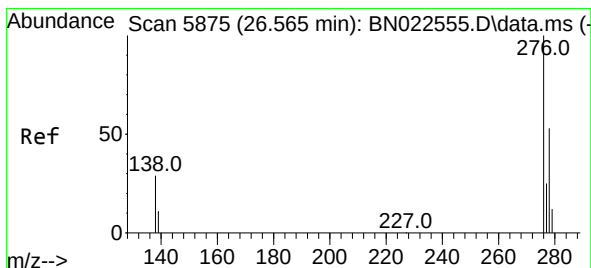
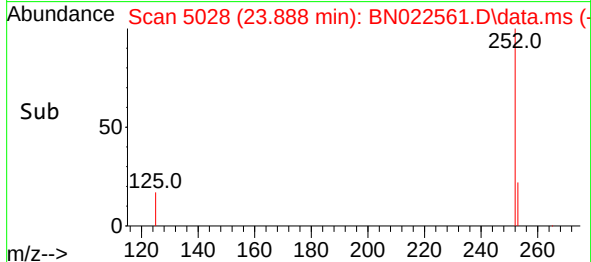
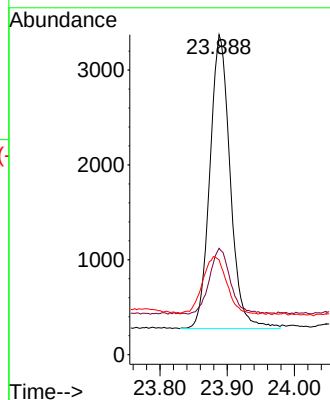
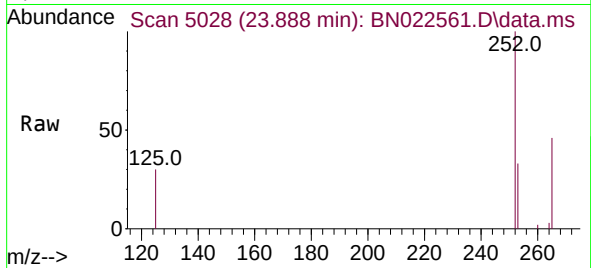




#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.888 min Scan# 5028
Delta R.T. -0.006 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

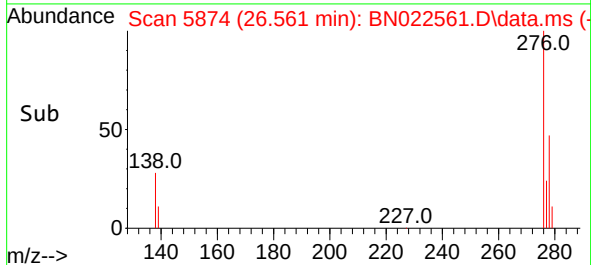
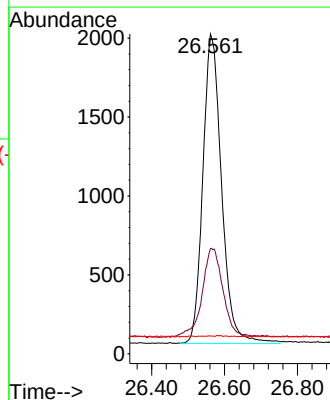
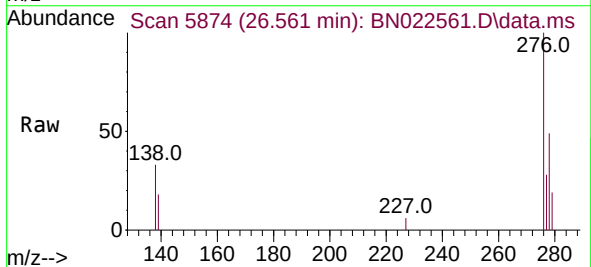
Instrument :
BNA_N
ClientSampleId :
SLCS837

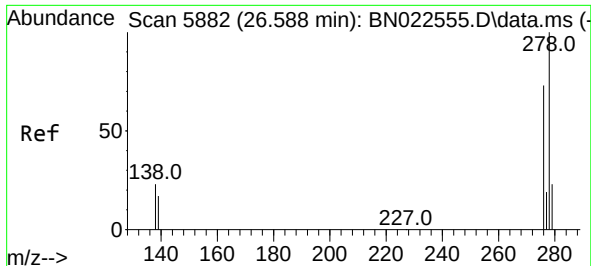
Tgt Ion:252 Resp: 6511
Ion Ratio Lower Upper
252 100
253 33.2 21.0 31.6#
125 29.6 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 26.561 min Scan# 5874
Delta R.T. -0.010 min
Lab File: BN022561.D
Acq: 08 Nov 2022 15:22

Tgt Ion:276 Resp: 6985
Ion Ratio Lower Upper
276 100
138 32.3 27.7 41.5
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.305 ng/ul

RT: 26.588 min Scan# 5882

Delta R.T. -0.000 min

Lab File: BN022561.D

Acq: 08 Nov 2022 15:22

Instrument :

BNA_N

ClientSampleId :

SLCS837

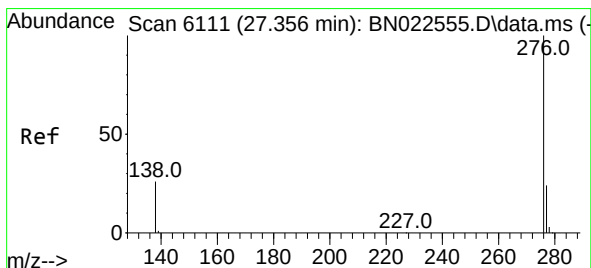
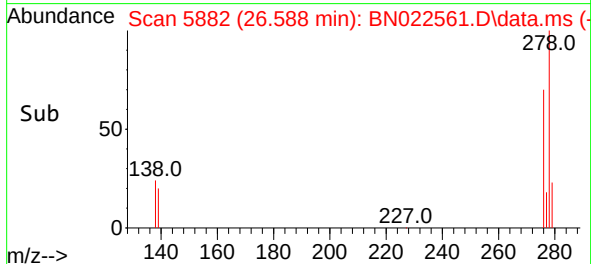
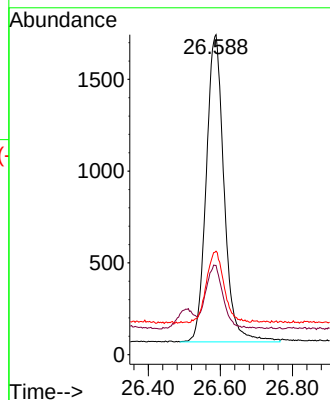
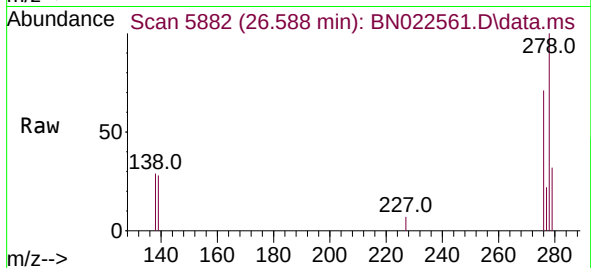
Tgt Ion:278 Resp: 5745

Ion Ratio Lower Upper

278 100

139 27.9 19.6 29.4

279 32.3 20.6 30.8#



#29

Benzo(g,h,i)perylene

Concen: 0.308 ng/ul

RT: 27.356 min Scan# 6111

Delta R.T. -0.004 min

Lab File: BN022561.D

Acq: 08 Nov 2022 15:22

Tgt Ion:276 Resp: 5907

Ion Ratio Lower Upper

276 100

138 30.8 25.2 37.8

277 28.1 19.9 29.9

