

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111222\
 Data File : BN022621.D
 Acq On : 11 Nov 2022 20:49
 Operator : CG/JU
 Sample : PB148941BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS941

Quant Time: Nov 11 22:27:53 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 : Fri Nov 11 22:23:04 2022
 Response via : Initial Calibration

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

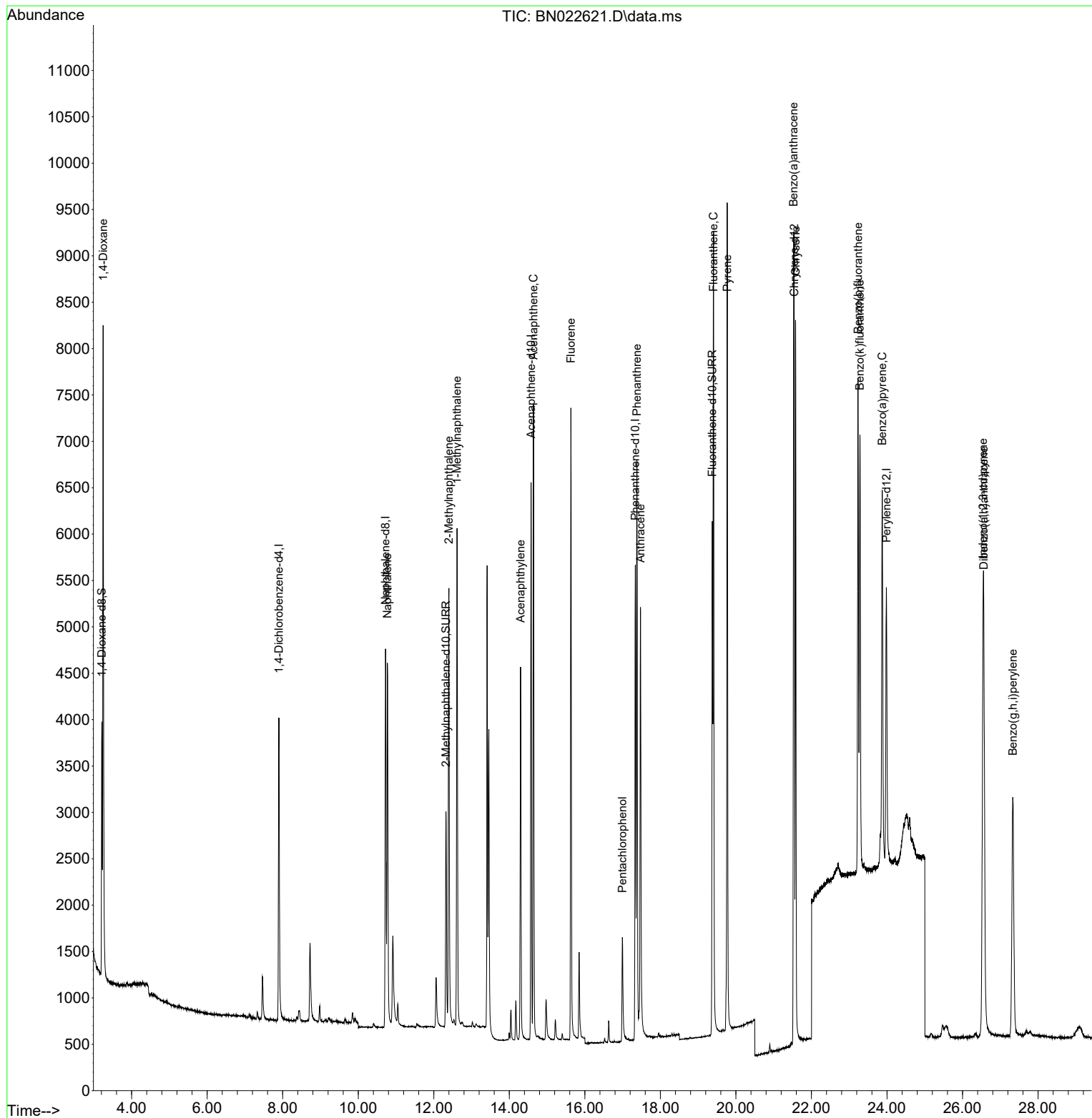
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	1865	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	5907	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	3351	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	6553	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	5412	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	4562	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1790	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	3316	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	6283	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	4934	1.983	ng/ul	89
5) Naphthalene	10.772	128	5868	0.336	ng/ul	98
7) 2-Methylnaphthalene	12.400	142	3718	0.338	ng/ul	100
8) 1-Methylnaphthalene	12.614	142	3918	0.346	ng/ul	100
10) Acenaphthylene	14.299	152	4997	0.332	ng/ul	98
11) Acenaphthene	14.642	153	4047	0.319	ng/ul	99
12) Fluorene	15.632	166	4518	0.307	ng/ul	96
14) Pentachlorophenol	16.994	266	957	0.614	ng/ul	99
15) Phenanthrene	17.378	178	7038	0.320	ng/ul	98
16) Anthracene	17.471	178	6005	0.324	ng/ul	96
19) Fluoranthene	19.407	202	7685	0.310	ng/ul	97
20) Pyrene	19.770	202	7718	0.310	ng/ul	99
21) Benzo(a)anthracene	21.529	228	6672	0.329	ng/ul	97
22) Chrysene	21.579	228	7243	0.337	ng/ul	98
24) Benzo(b)fluoranthene	23.233	252	7060	0.308	ng/ul	93
25) Benzo(k)fluoranthene	23.283	252	6777	0.304	ng/ul#	91
26) Benzo(a)pyrene	23.874	252	6532	0.358	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.544	276	7161	0.315	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.565	278	5953	0.328	ng/ul#	94
29) Benzo(g,h,i)perylene	27.336	276	6173	0.334	ng/ul	95

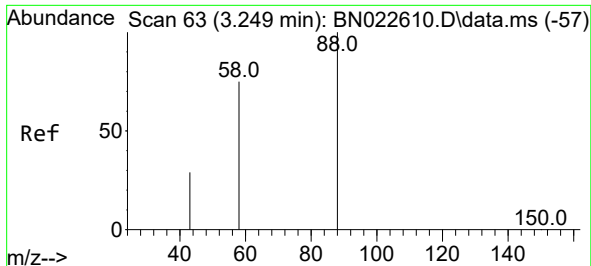
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:23:04 2022
Response via : Initial Calibration

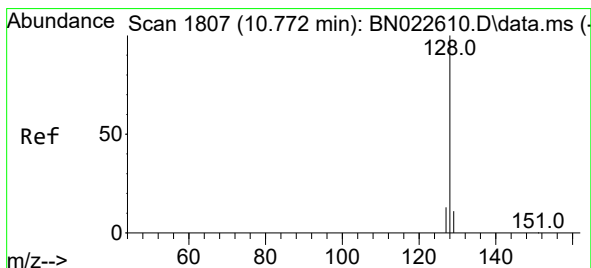
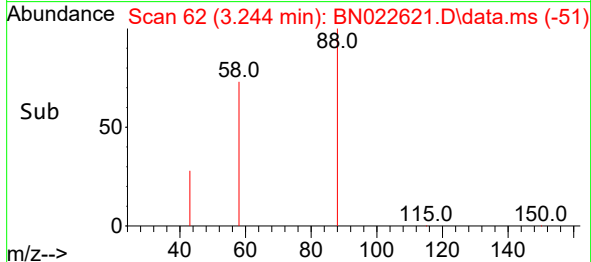
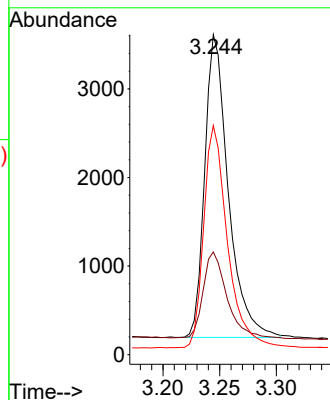
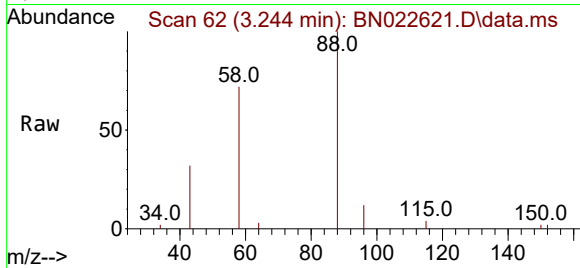




#2
 1,4-Dioxane
 Concen: 1.983 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN022621.D
 Acq: 11 Nov 2022 20:49

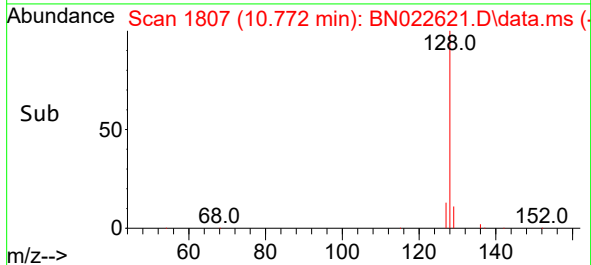
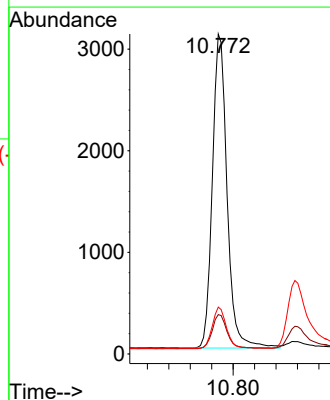
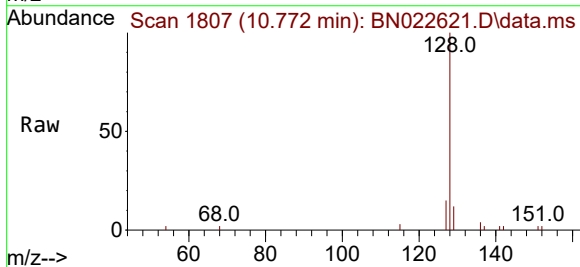
Instrument :
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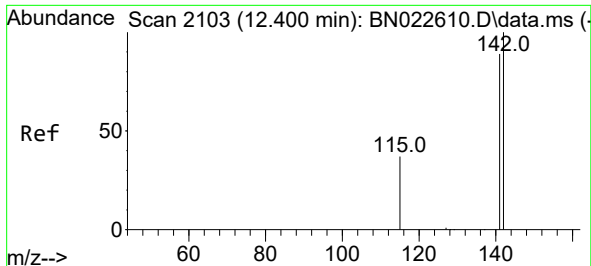
Tgt Ion: 88 Resp: 4934
 Ion Ratio Lower Upper
 88 100
 43 32.1 27.4 41.2
 58 71.6 48.2 72.2



#5
 Naphthalene
 Concen: 0.336 ng/ul
 RT: 10.772 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: BN022621.D
 Acq: 11 Nov 2022 20:49

Tgt Ion: 128 Resp: 5868
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.3 13.9
 127 14.6 10.7 16.1

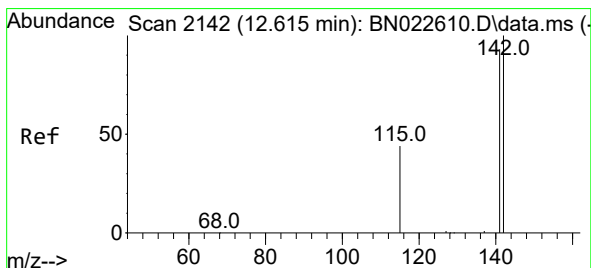
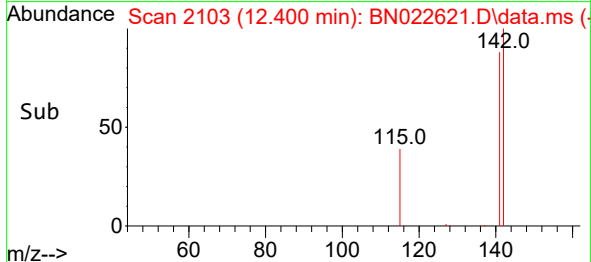
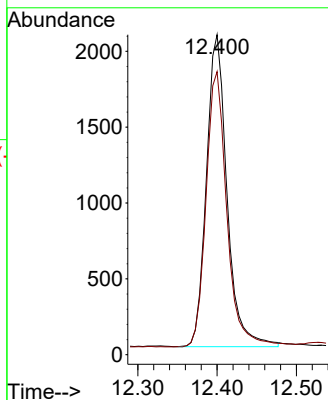
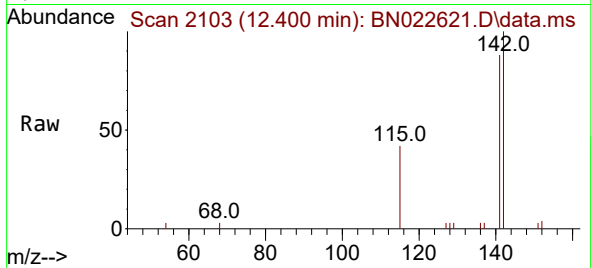




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.400 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

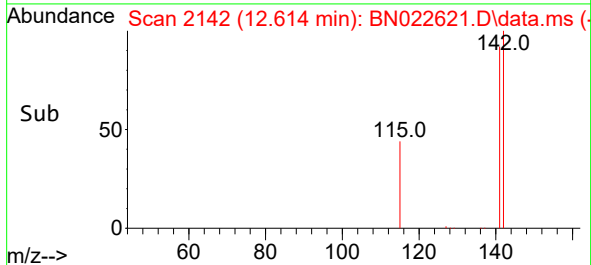
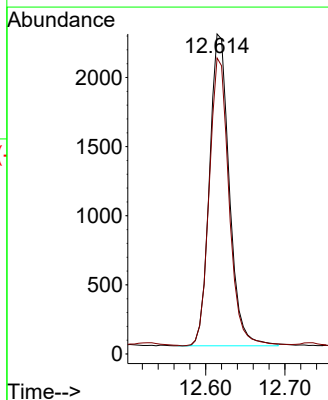
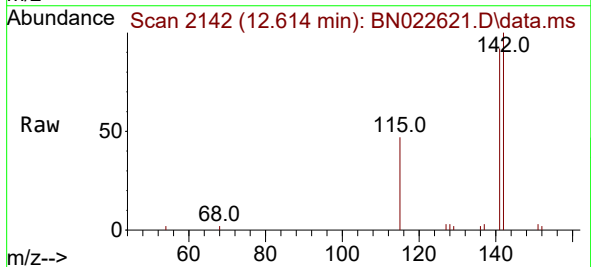
Instrument :
BNA_N
ClientSampleId :
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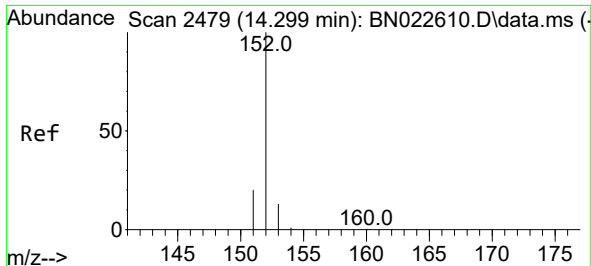
Tgt Ion:142 Resp: 3718
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.614 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:142 Resp: 3918
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9

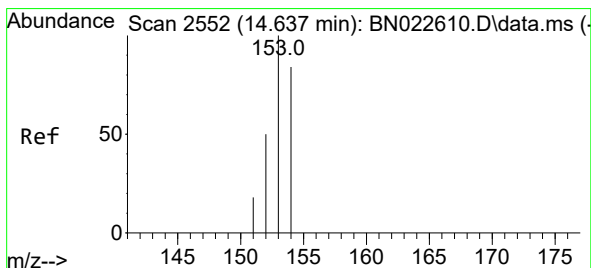
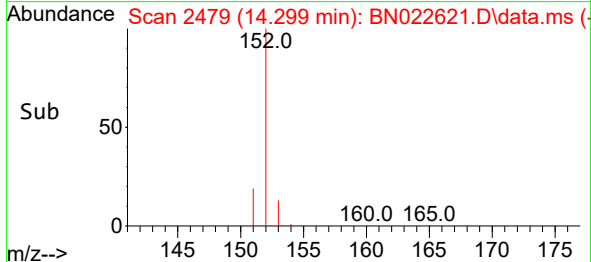
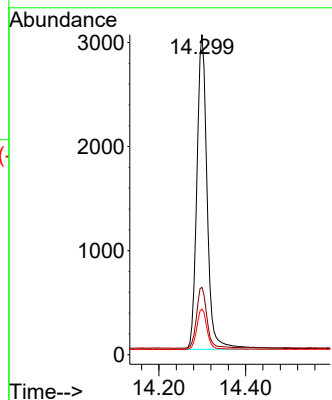
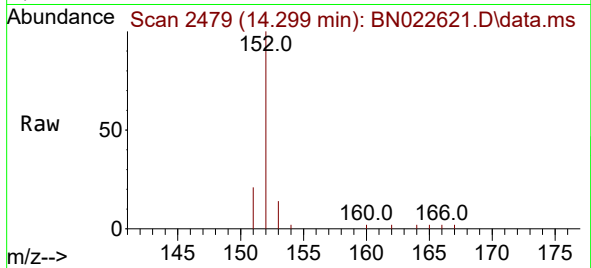




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

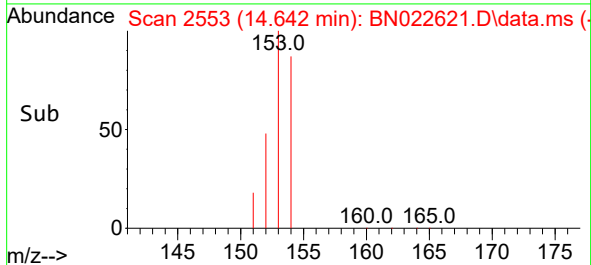
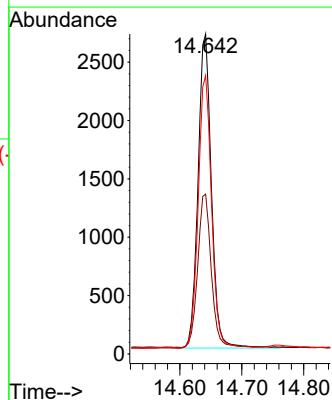
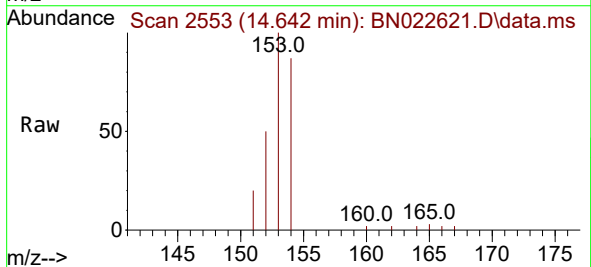
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BNA_N
ClientSampleId :
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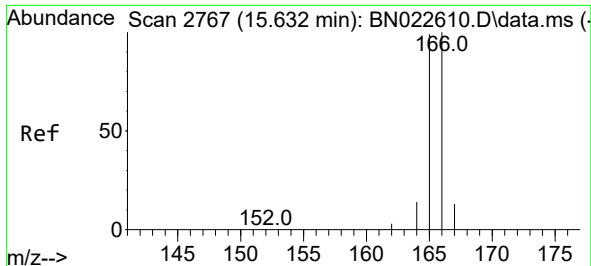
Tgt Ion:152 Resp: 4997
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 14.3 10.8 16.2



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.642 min Scan# 2553
Delta R.T. 0.005 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:153 Resp: 4047
Ion Ratio Lower Upper
153 100
152 49.9 40.6 61.0
154 87.0 70.6 106.0

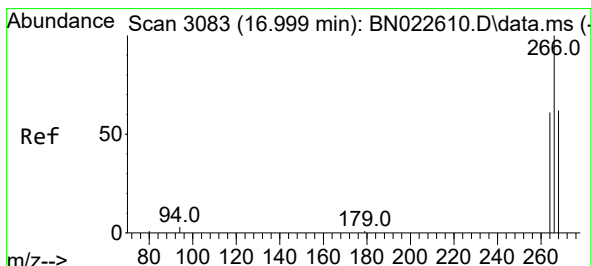
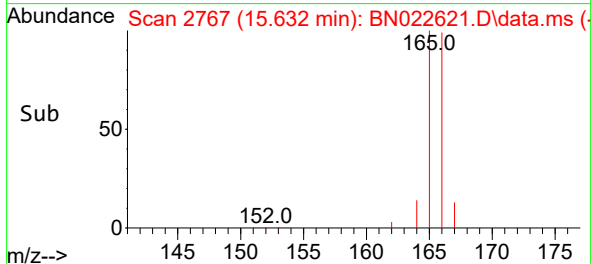
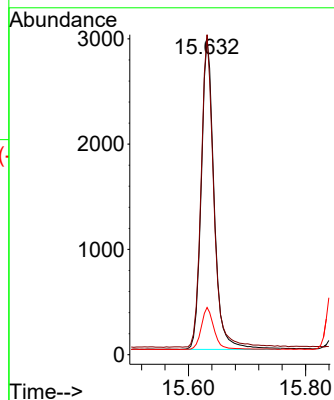
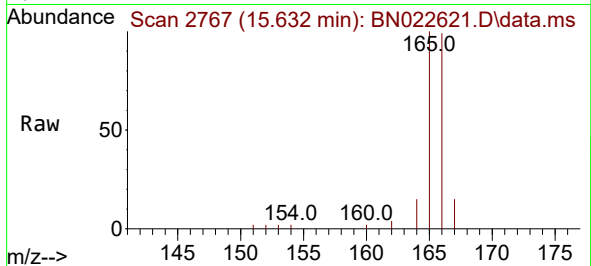




#12
 Fluorene
 Concen: 0.307 ng/ul
 RT: 15.632 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022621.D
 Acq: 11 Nov 2022 20:49

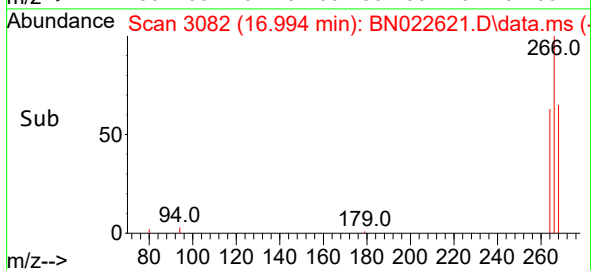
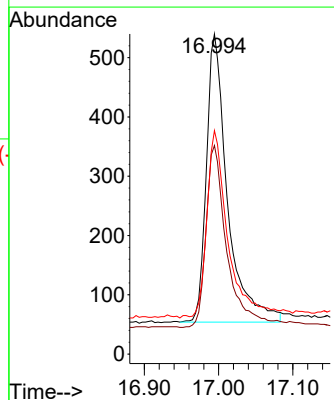
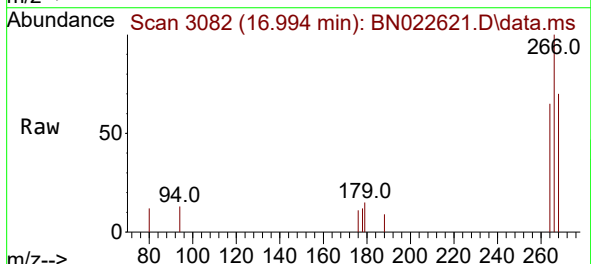
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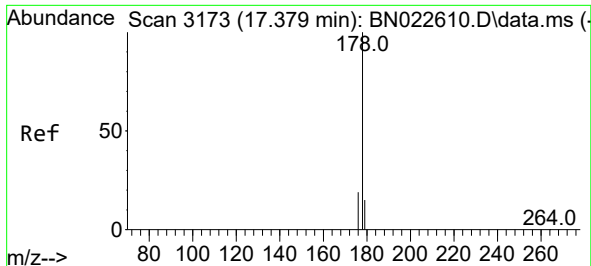
Tgt Ion:166 Resp: 4518
 Ion Ratio Lower Upper
 166 100
 165 101.2 78.2 117.2
 167 15.0 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.614 ng/ul
 RT: 16.994 min Scan# 3082
 Delta R.T. -0.004 min
 Lab File: BN022621.D
 Acq: 11 Nov 2022 20:49

Tgt Ion:266 Resp: 957
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.8 74.6
 268 65.4 51.4 77.2

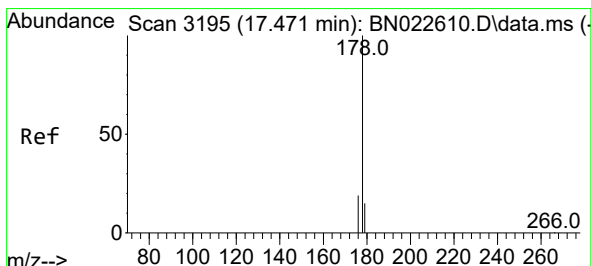
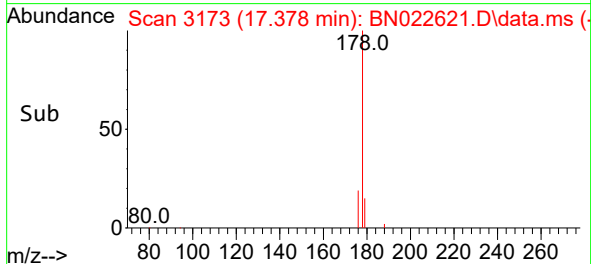
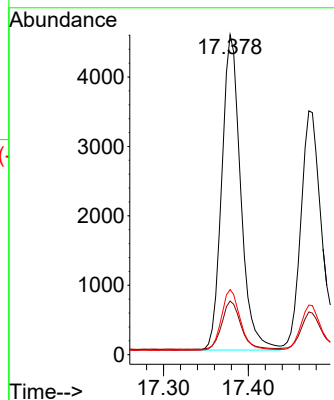
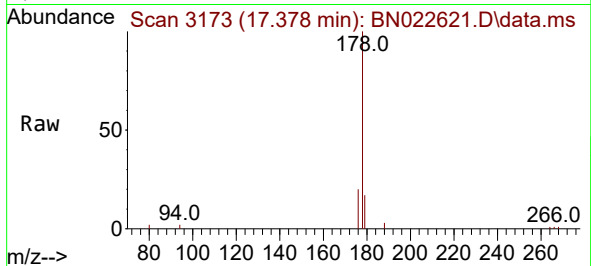




#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.378 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

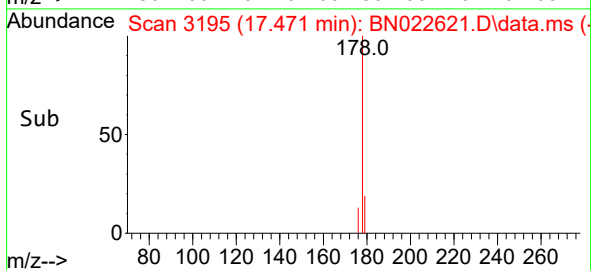
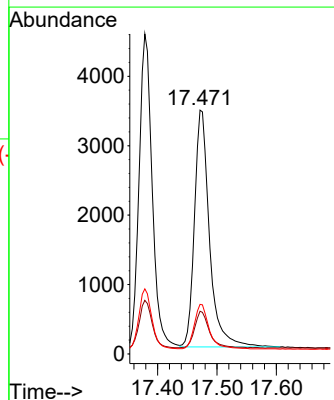
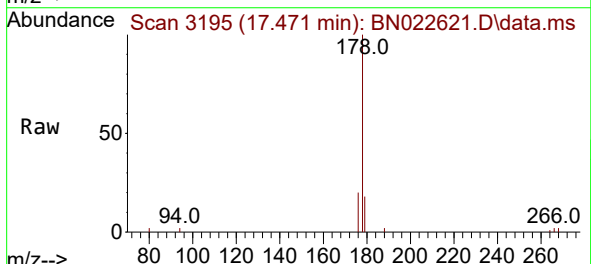
Instrument :
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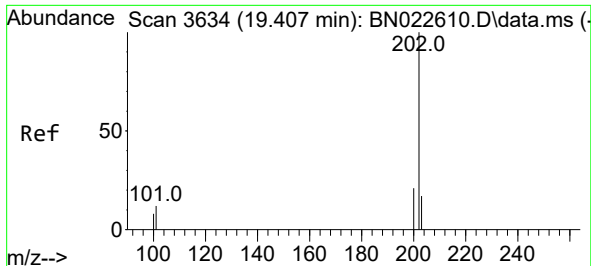
Tgt Ion:178 Resp: 7038
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 20.3 15.4 23.2



#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.471 min Scan# 3195
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:178 Resp: 6005
Ion Ratio Lower Upper
178 100
179 17.5 12.6 18.8
176 20.4 15.0 22.6

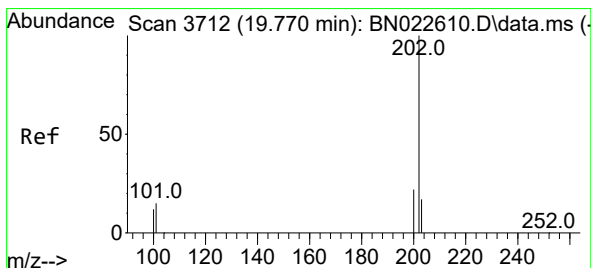
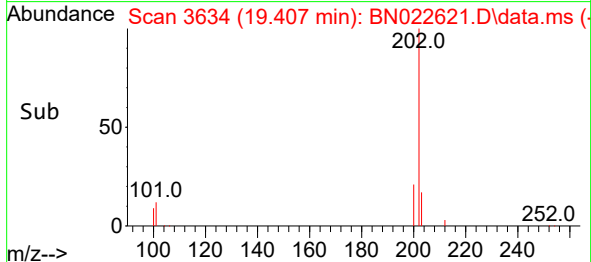
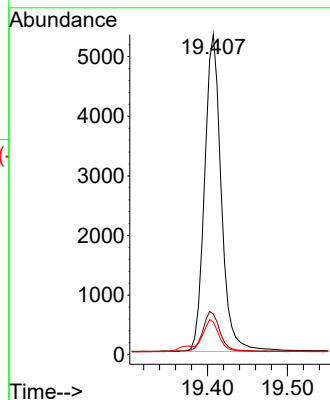
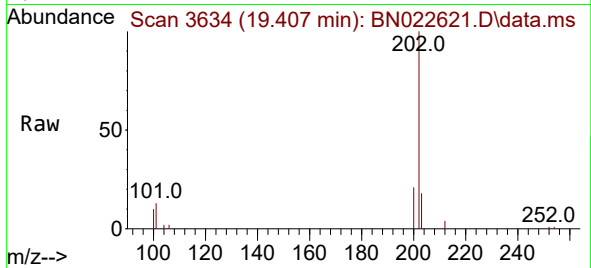




#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.407 min Scan# 3634
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

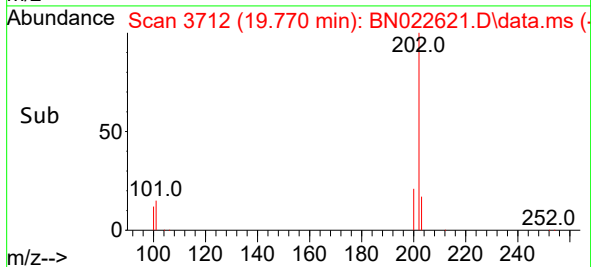
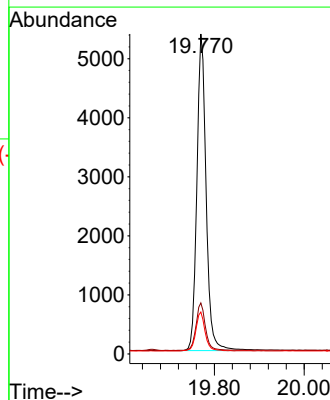
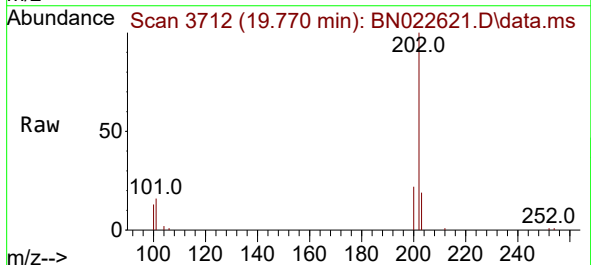
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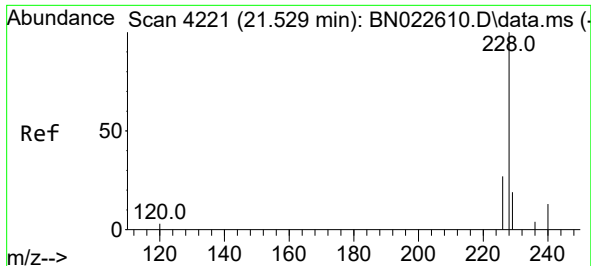
Tgt Ion:202 Resp: 7685
Ion Ratio Lower Upper
202 100
101 12.7 11.8 17.6
100 10.3 8.7 13.1



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.770 min Scan# 3712
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

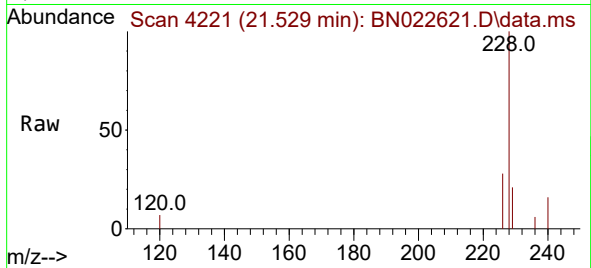
Tgt Ion:202 Resp: 7718
Ion Ratio Lower Upper
202 100
101 15.9 13.1 19.7
100 13.1 10.6 16.0



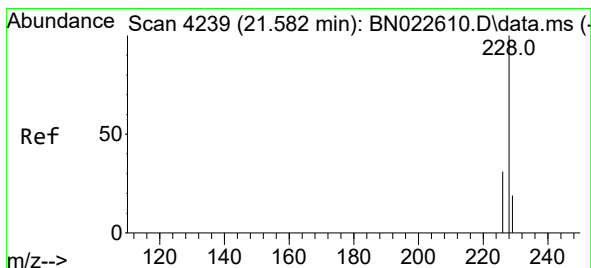
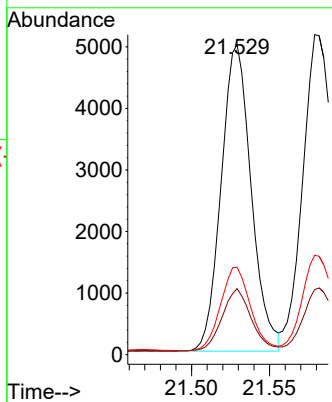
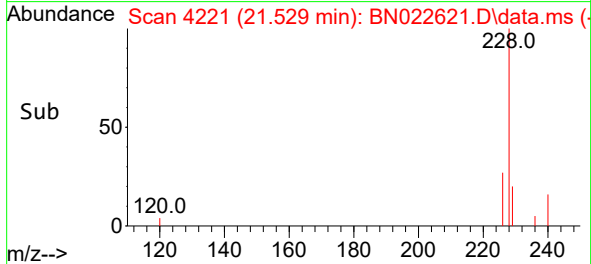


#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.529 min Scan# 4221
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

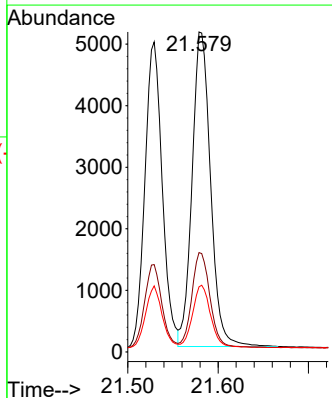
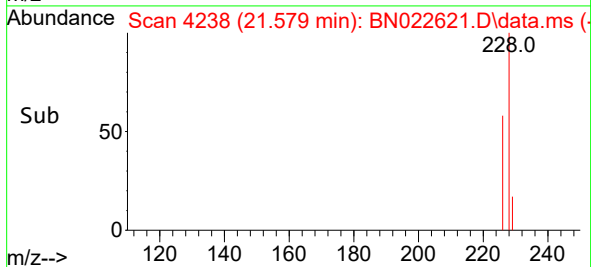
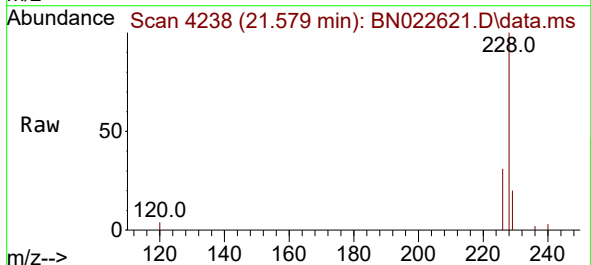


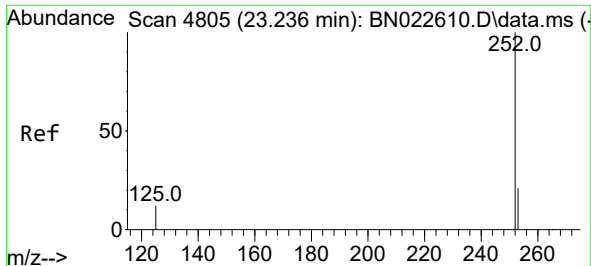
Tgt Ion:228 Resp: 6672
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 28.1 21.5 32.3



#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.579 min Scan# 4238
Delta R.T. -0.003 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:228 Resp: 7243
Ion Ratio Lower Upper
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226 31.1 23.9 35.9
229 20.4 15.9 23.9

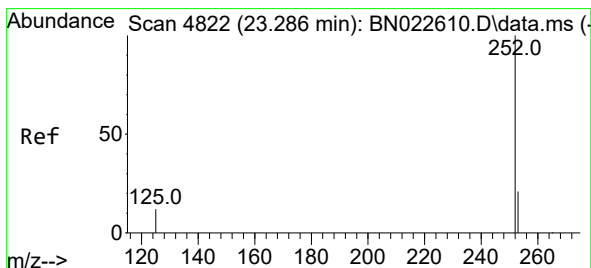
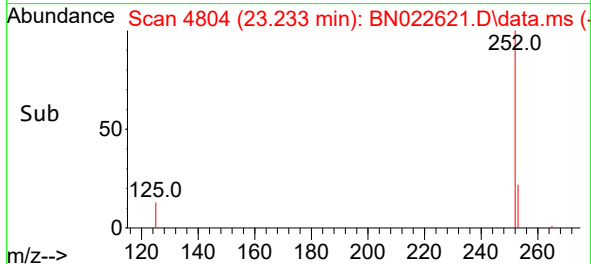
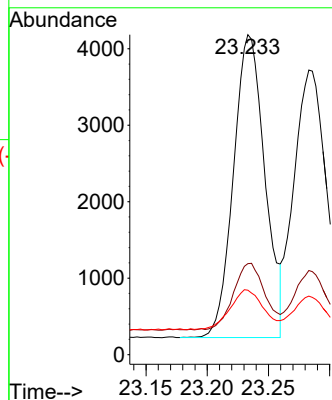
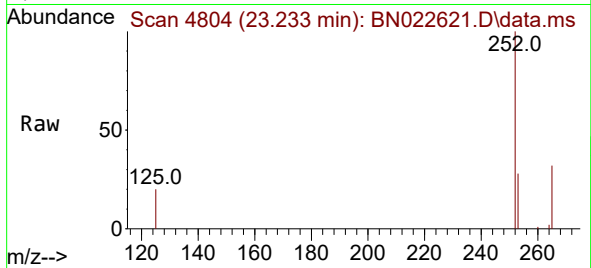




#24
Benzo(b)fluoranthene
Concen: 0.308 ng/ul
RT: 23.233 min Scan# 4804
Delta R.T. -0.003 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

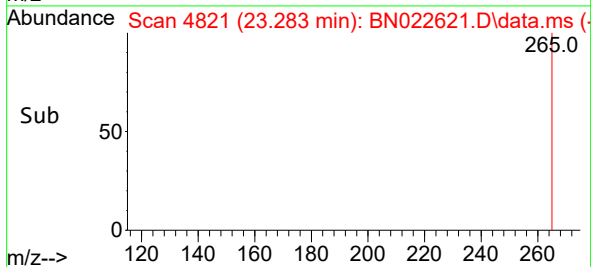
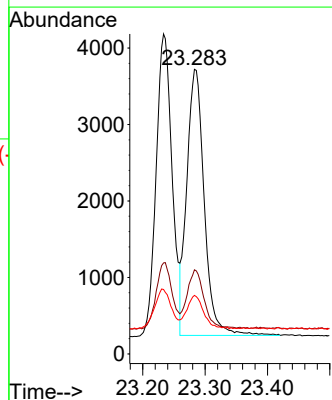
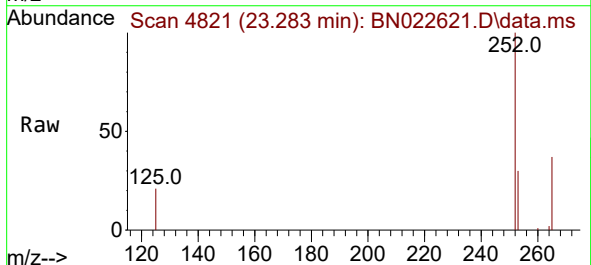
Instrument :
BNA_N
ClientSampleId :
SLCS941

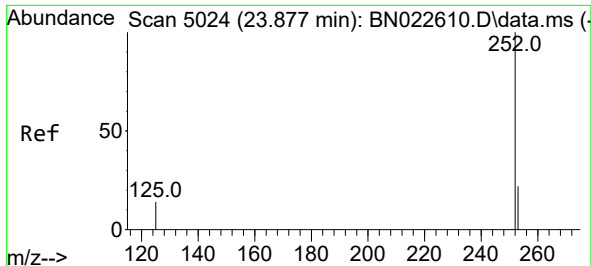
Tgt Ion:252 Resp: 7060
Ion Ratio Lower Upper
252 100
253 28.4 0.0 49.0
125 20.1 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul
RT: 23.283 min Scan# 4821
Delta R.T. -0.003 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:252 Resp: 6777
Ion Ratio Lower Upper
252 100
253 29.6 19.7 29.5#
125 20.6 14.0 21.0

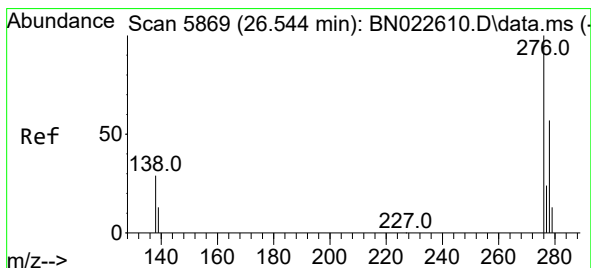
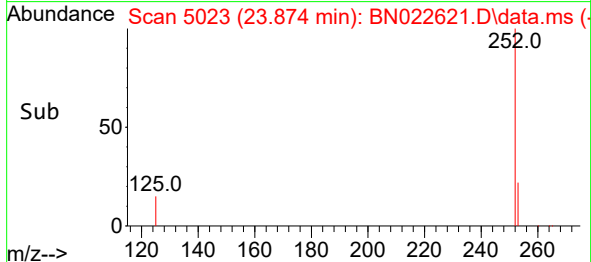
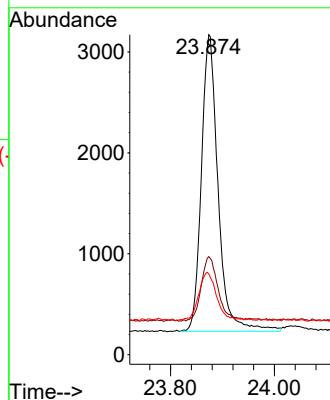
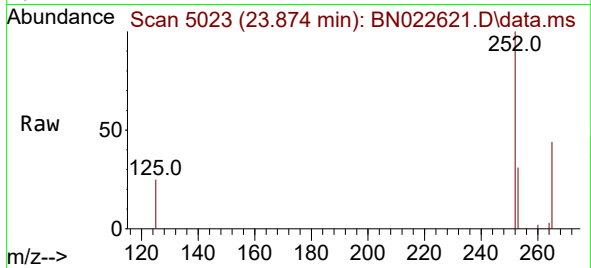




#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.874 min Scan# 5024
Delta R.T. -0.003 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

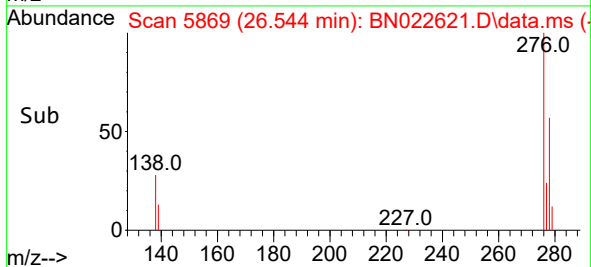
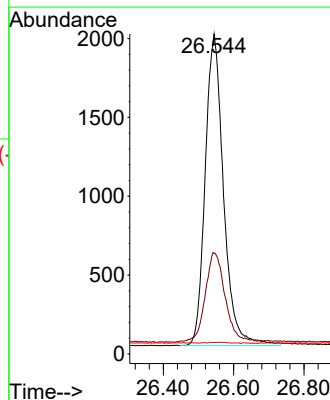
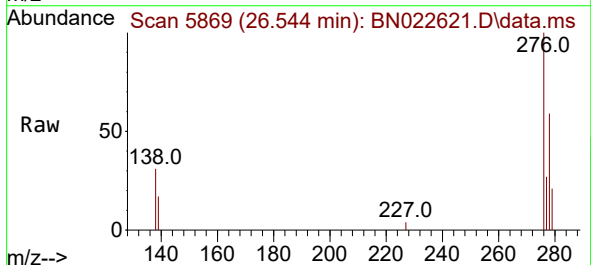
Instrument :
BNA_N
ClientSampleId :
SLCS941

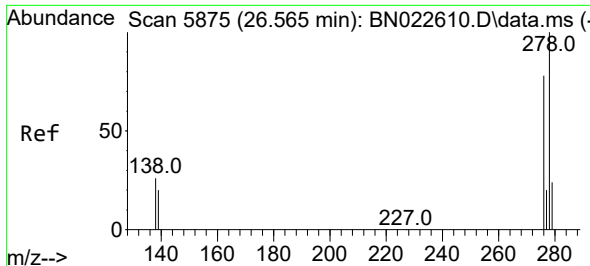
Tgt Ion:252 Resp: 6532
Ion Ratio Lower Upper
252 100
253 30.7 21.0 31.6
125 25.2 17.9 26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.544 min Scan# 5869
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:276 Resp: 7161
Ion Ratio Lower Upper
276 100
138 30.0 27.7 41.5
227 0.0 0.2 0.2

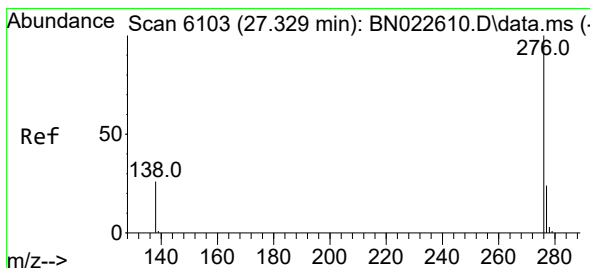
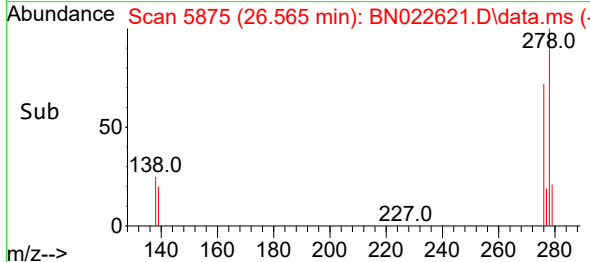
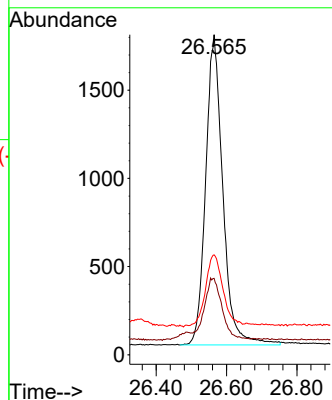
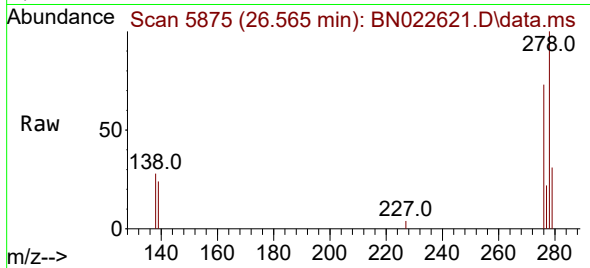




#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.565 min Scan# 5875
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:278 Resp: 5953
Ion Ratio Lower Upper
278 100
139 23.9 19.6 29.4
279 31.2 20.6 30.8#



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.336 min Scan# 6105
Delta R.T. 0.007 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:276 Resp: 6173
Ion Ratio Lower Upper
276 100
138 28.9 25.2 37.8
277 27.0 19.9 29.9

