

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022555.D
 Acq On : 08 Nov 2022 09:25
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 09 01:15:47 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

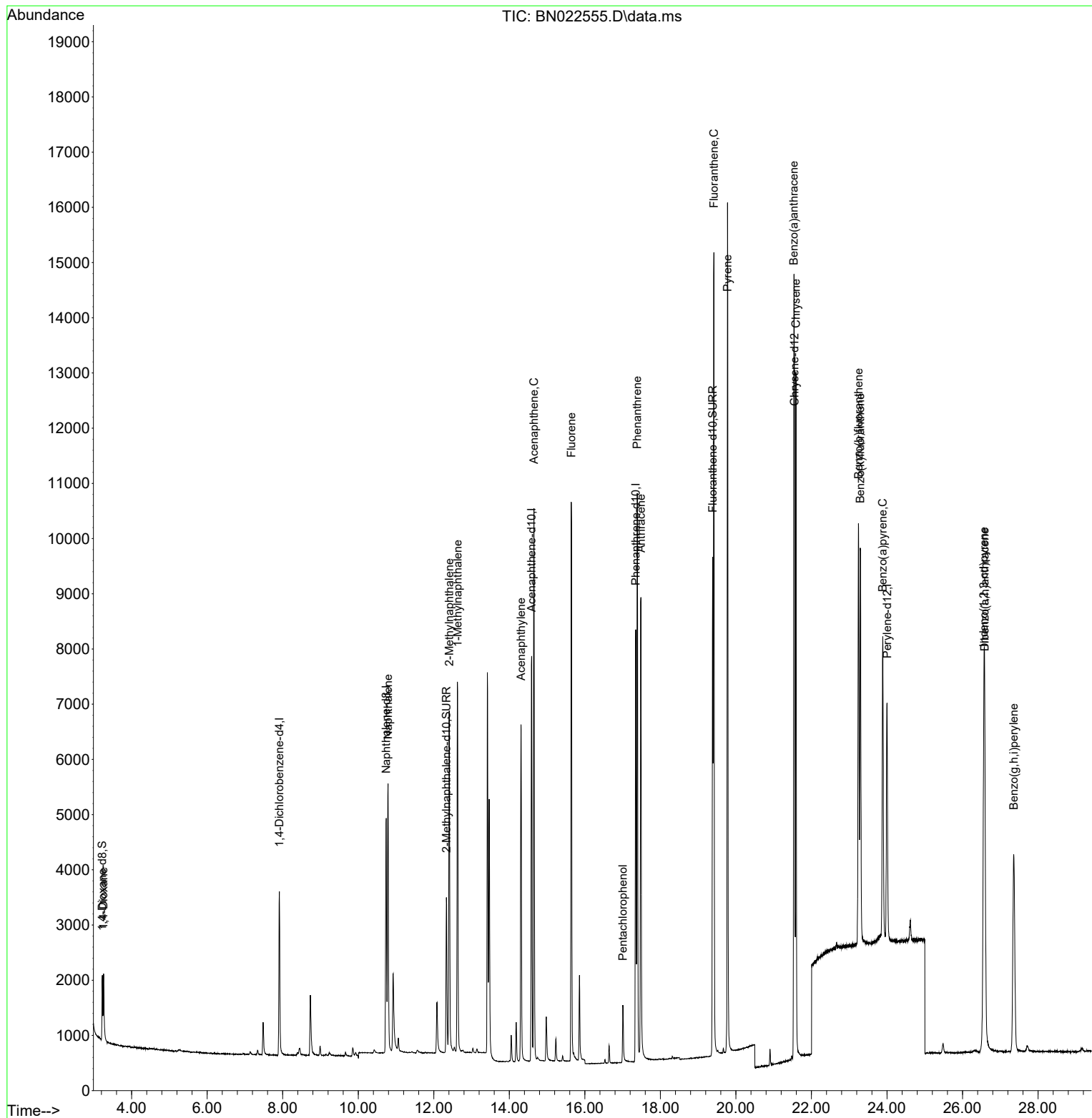
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	1695	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	6183	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	4212	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	9201	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	7950	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	6320	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	848	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	3977	0.425	ng/ul	-0.01
18) Fluoranthene-d10	19.384	212	9793	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	893	0.395	ng/ul#	82
5) Naphthalene	10.789	128	6994	0.383	ng/ul	98
7) 2-Methylnaphthalene	12.411	142	4671	0.406	ng/ul	99
8) 1-Methylnaphthalene	12.631	142	4898	0.414	ng/ul	99
10) Acenaphthylene	14.309	152	7428	0.393	ng/ul	98
11) Acenaphthene	14.651	153	5854	0.367	ng/ul	99
12) Fluorene	15.641	166	6670	0.360	ng/ul	98
14) Pentachlorophenol	17.007	266	826	0.378	ng/ul	99
15) Phenanthrene	17.387	178	10997	0.356	ng/ul	99
16) Anthracene	17.484	178	9943	0.382	ng/ul	99
19) Fluoranthene	19.417	202	12430	0.341	ng/ul	97
20) Pyrene	19.779	202	12808	0.350	ng/ul	99
21) Benzo(a)anthracene	21.535	228	11041	0.371	ng/ul	98
22) Chrysene	21.591	228	11027	0.349	ng/ul	99
24) Benzo(b)fluoranthene	23.245	252	10115	0.319	ng/ul	94
25) Benzo(k)fluoranthene	23.295	252	9984	0.324	ng/ul	95
26) Benzo(a)pyrene	23.888	252	8625	0.341	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.565	276	10317	0.328	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.588	278	8252	0.328	ng/ul	97
29) Benzo(g,h,i)perylene	27.356	276	8535	0.333	ng/ul	96

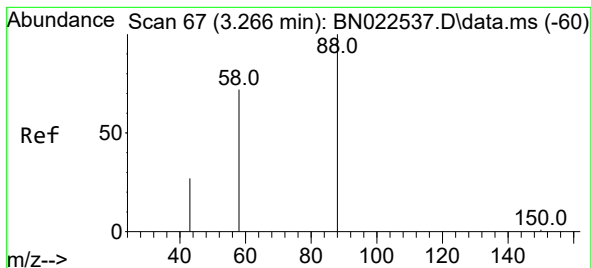
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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QLast Update : Mon Nov 07 23:39:33 2022
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#2

1,4-Dioxane

Concen: 0.395 ng/ul

RT: 3.257 min Scan# 61

Delta R.T. -0.004 min

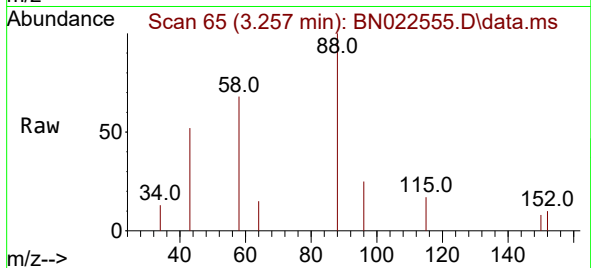
Lab File: BN022555.D

Acq: 08 Nov 2022 09:25

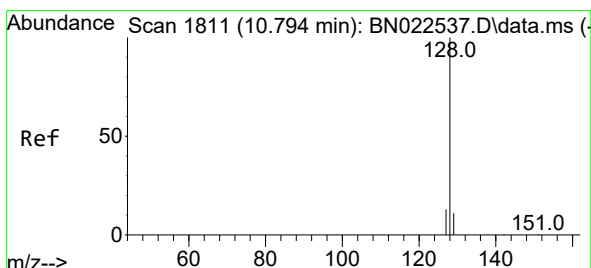
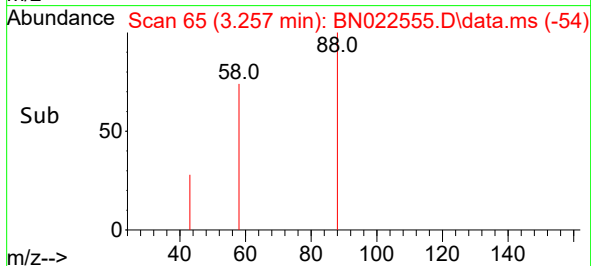
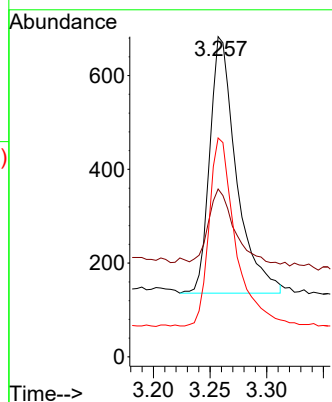
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	88	Resp:	893
Ion Ratio	Lower	Upper	
88	100		
43	52.4	27.4	41.2#
58	68.4	48.2	72.2



#5

Naphthalene

Concen: 0.383 ng/ul

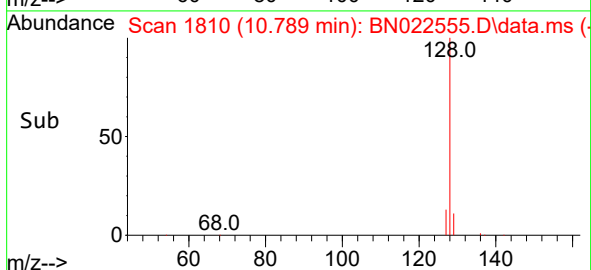
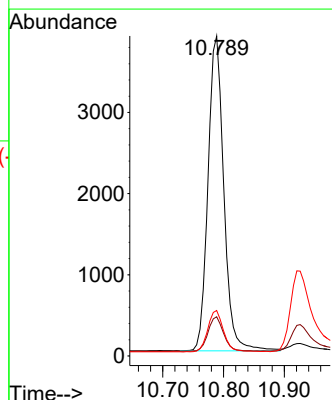
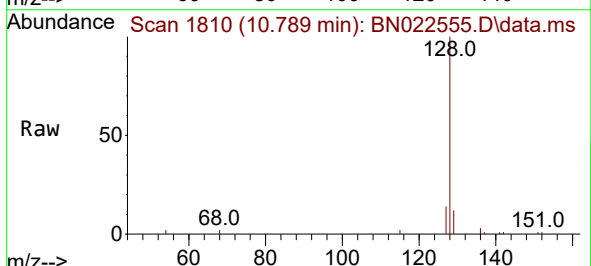
RT: 10.789 min Scan# 1810

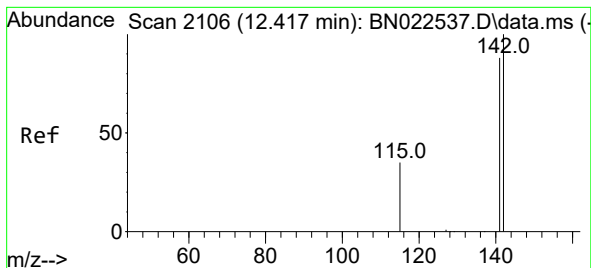
Delta R.T. -0.006 min

Lab File: BN022555.D

Acq: 08 Nov 2022 09:25

Tgt Ion:	128	Resp:	6994
Ion Ratio	Lower	Upper	
128	100		
129	12.3	9.3	13.9
127	14.2	10.7	16.1

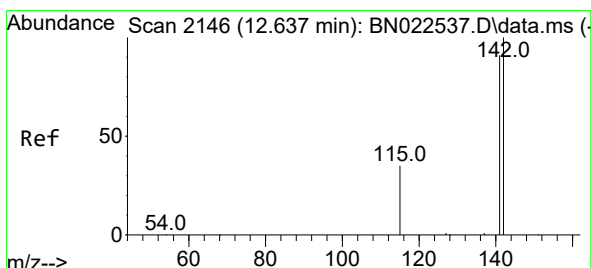
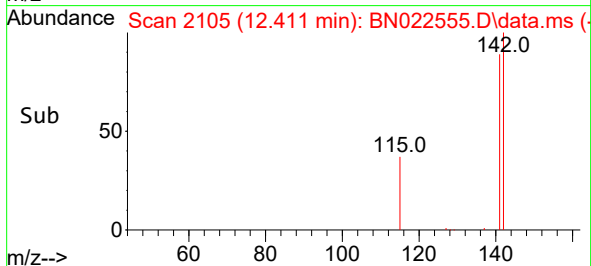
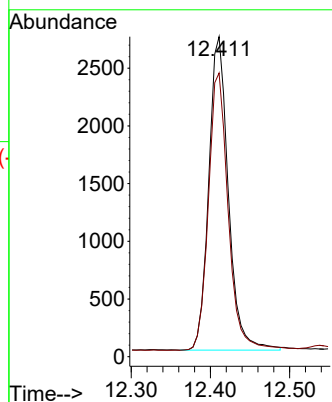
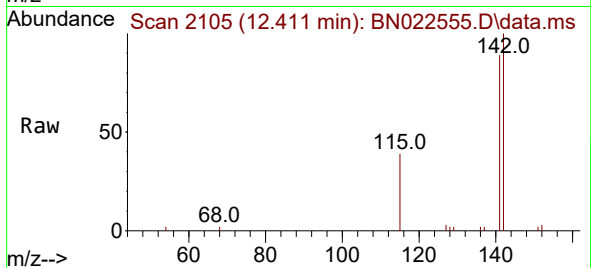




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.411 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

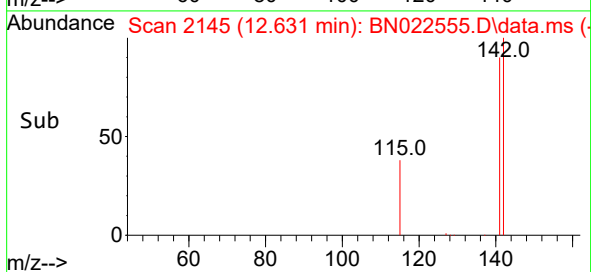
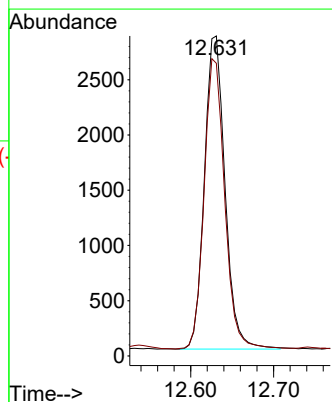
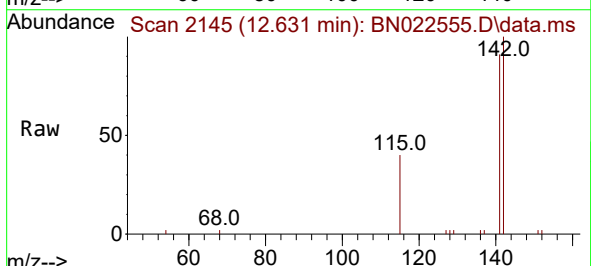
Instrument :
BNA_N
ClientSampleId :

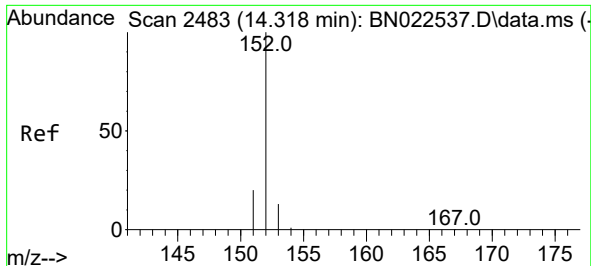
Tgt Ion:142 Resp: 4671
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.631 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

Tgt Ion:142 Resp: 4898
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9

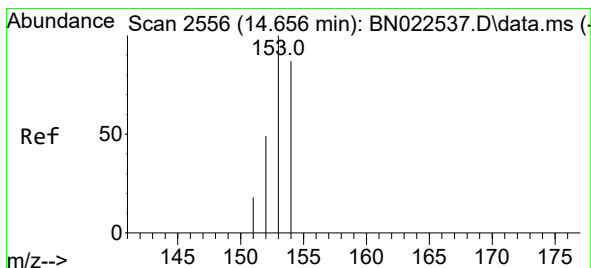
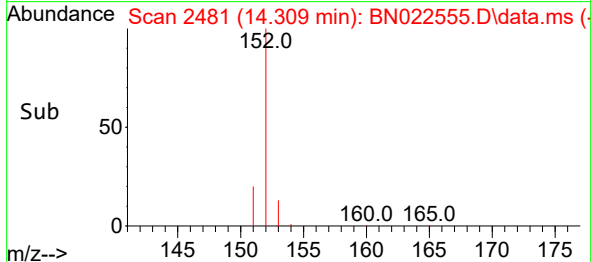
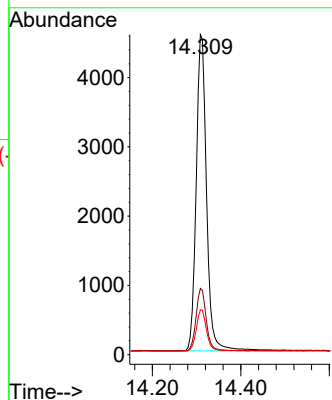
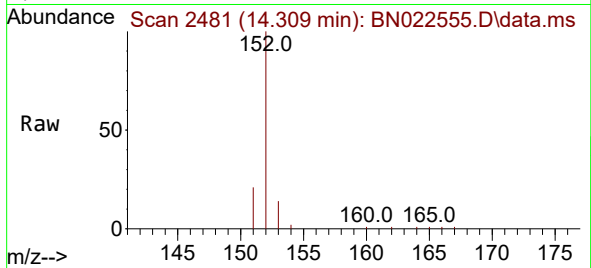




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

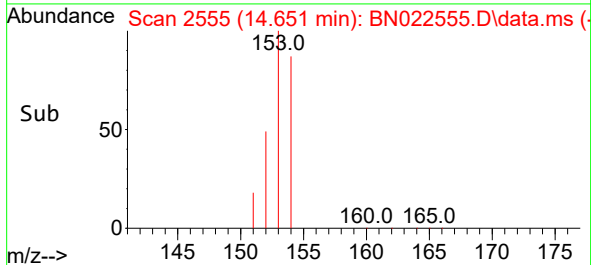
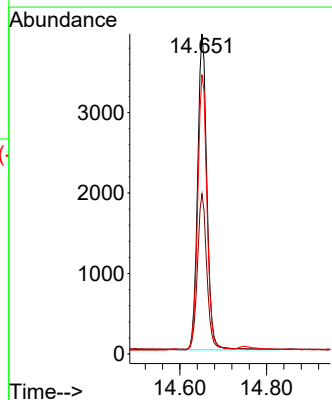
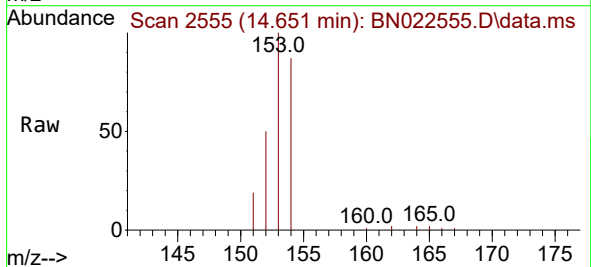
Instrument :
BNA_N
ClientSampleId :

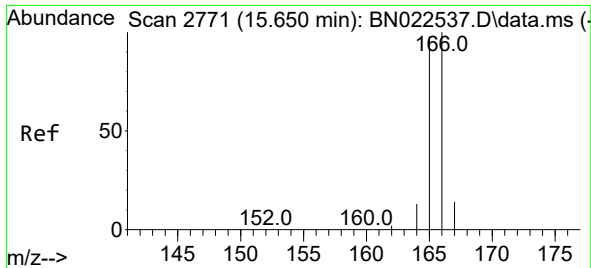
Tgt Ion:152 Resp: 7428
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 14.0 10.8 16.2



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.651 min Scan# 2555
Delta R.T. -0.009 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

Tgt Ion:153 Resp: 5854
Ion Ratio Lower Upper
153 100
152 50.0 40.6 61.0
154 87.3 70.6 106.0

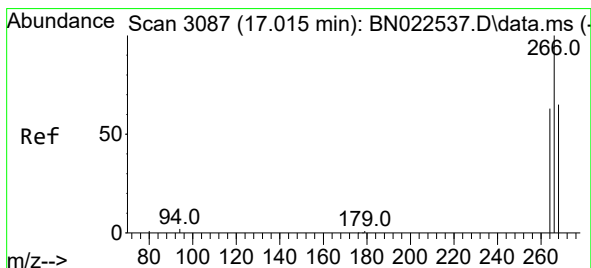
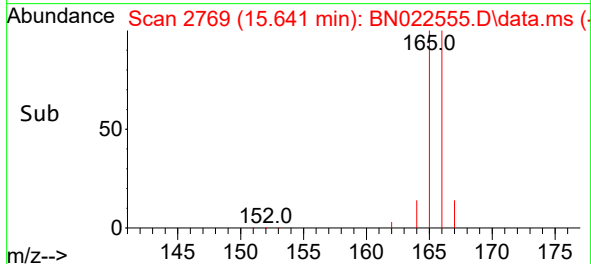
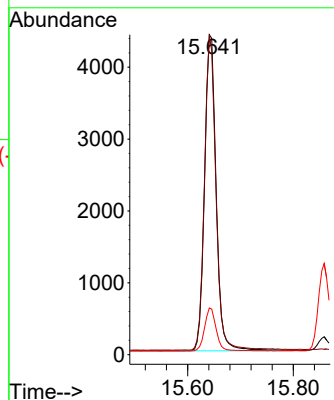
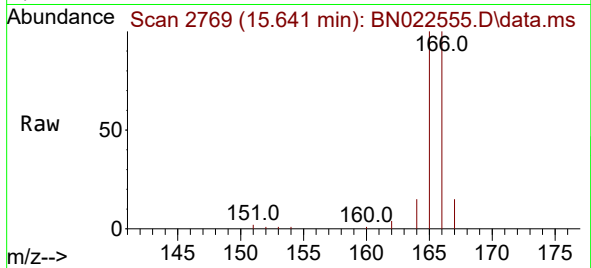




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.641 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

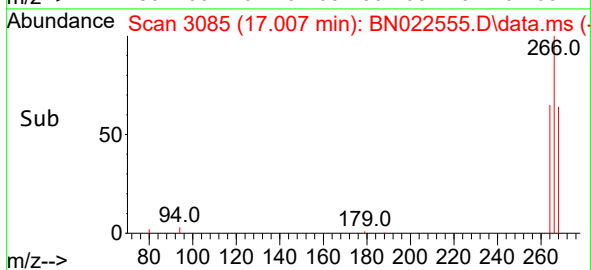
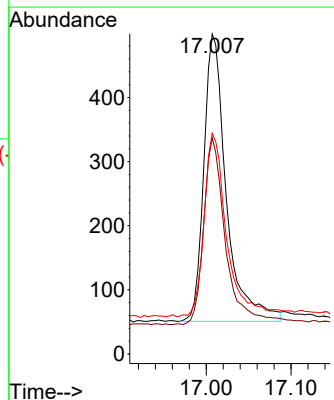
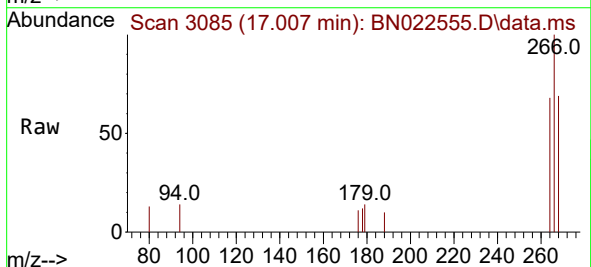
Instrument :
BNA_N
ClientSampleId :

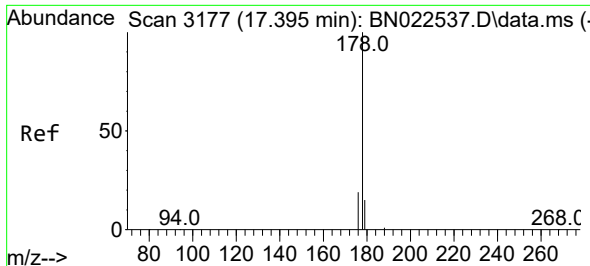
Tgt Ion:166 Resp: 6670
Ion Ratio Lower Upper
166 100
165 100.0 78.2 117.2
167 14.6 11.0 16.4



#14
Pentachlorophenol
Concen: 0.378 ng/ul
RT: 17.007 min Scan# 3085
Delta R.T. -0.004 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

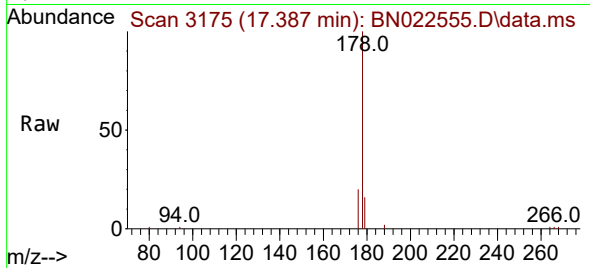
Tgt Ion:266 Resp: 826
Ion Ratio Lower Upper
266 100
264 63.3 49.8 74.6
268 64.5 51.4 77.2



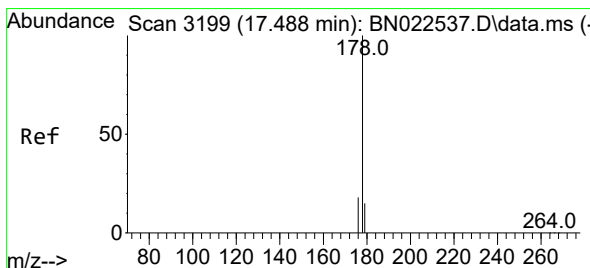
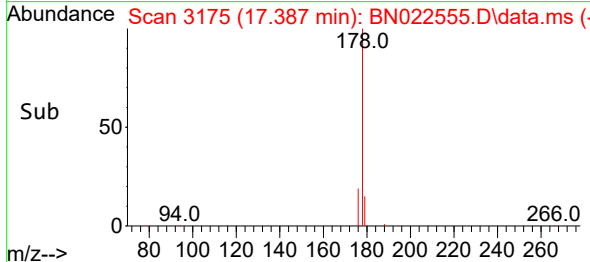
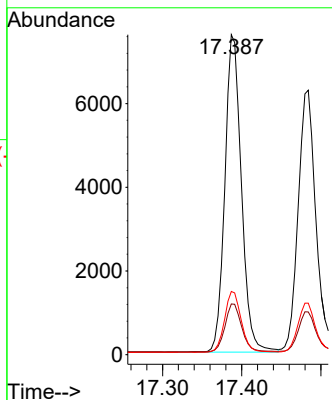


#15
 Phenanthrene
 Concen: 0.356 ng/ul
 RT: 17.387 min Scan# 3175
 Delta R.T. -0.009 min
 Lab File: BN022555.D
 Acq: 08 Nov 2022 09:25

Instrument :
 BNA_N
 ClientSampleId :

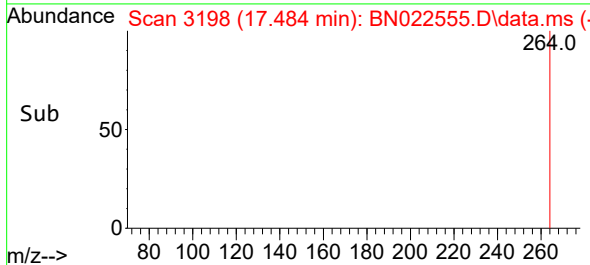
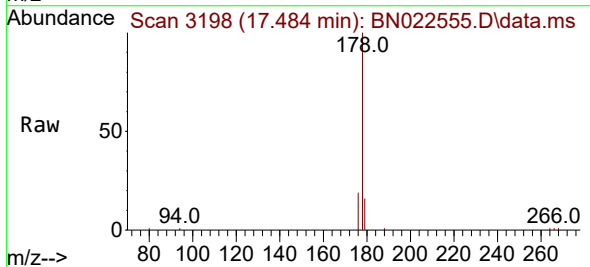
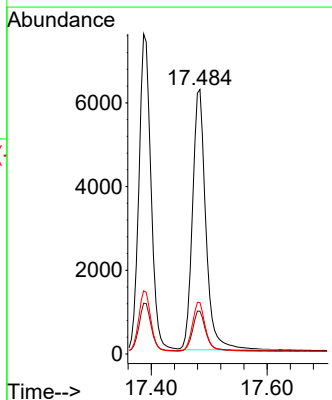


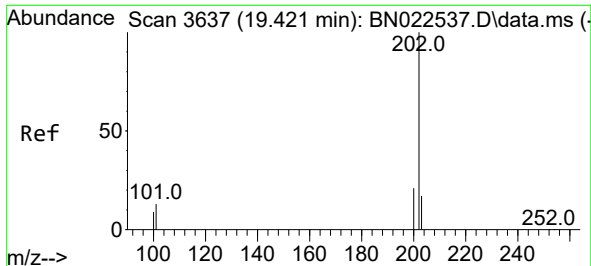
Tgt Ion:	178	Resp:	10997
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.7	19.1
176	19.7	15.4	23.2



#16
 Anthracene
 Concen: 0.382 ng/ul
 RT: 17.484 min Scan# 3198
 Delta R.T. -0.004 min
 Lab File: BN022555.D
 Acq: 08 Nov 2022 09:25

Tgt Ion:	178	Resp:	9943
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	18.8
176	19.5	15.0	22.6

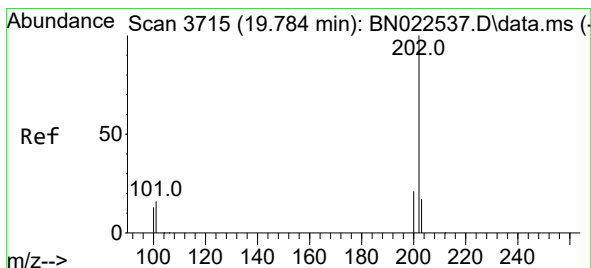
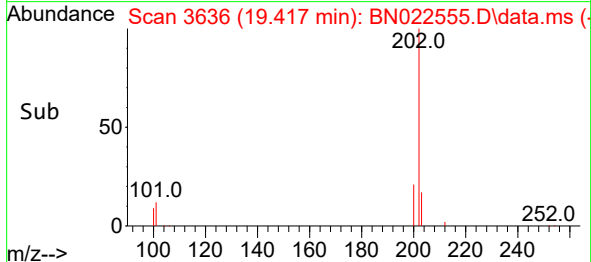
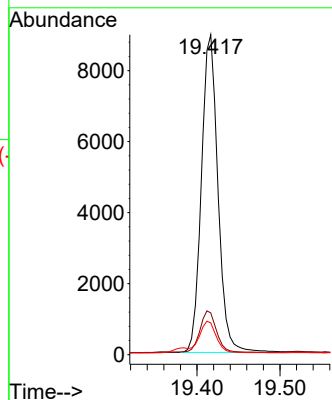
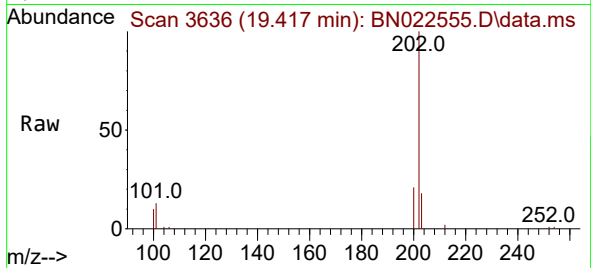




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.417 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

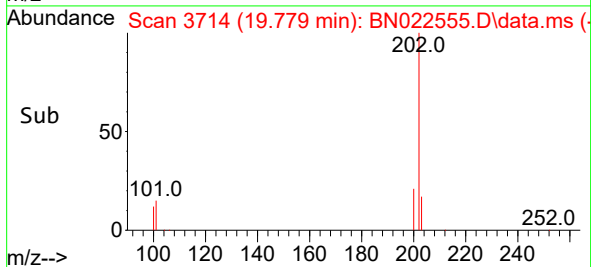
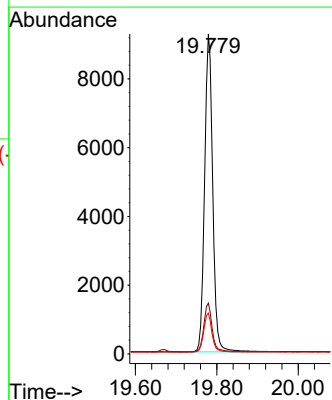
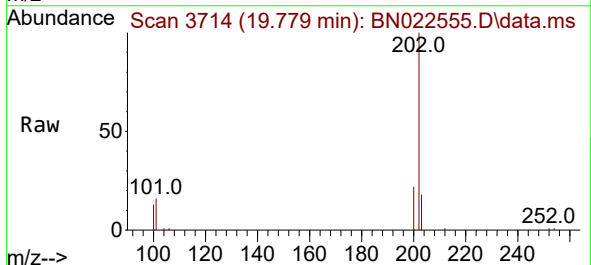
Instrument :
BNA_N
ClientSampleId :

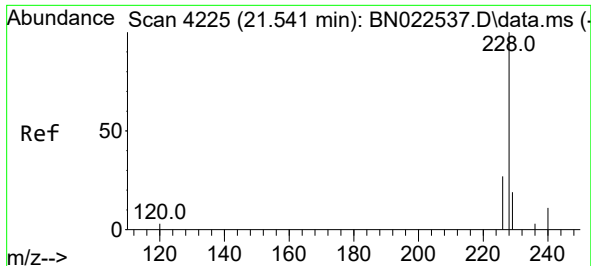
Tgt Ion:202 Resp: 12430
Ion Ratio Lower Upper
202 100
101 13.1 11.8 17.6
100 10.0 8.7 13.1



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.779 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

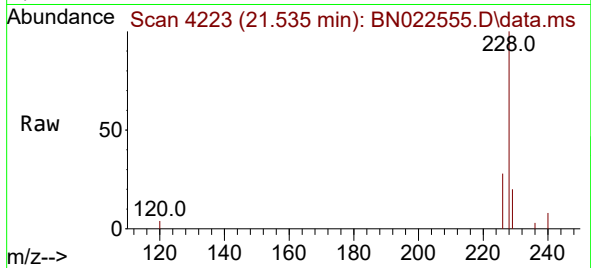
Tgt Ion:202 Resp: 12808
Ion Ratio Lower Upper
202 100
101 15.9 13.1 19.7
100 12.8 10.6 16.0



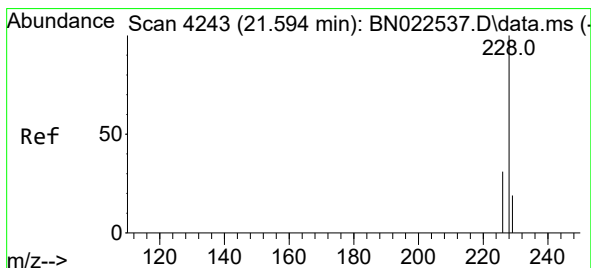
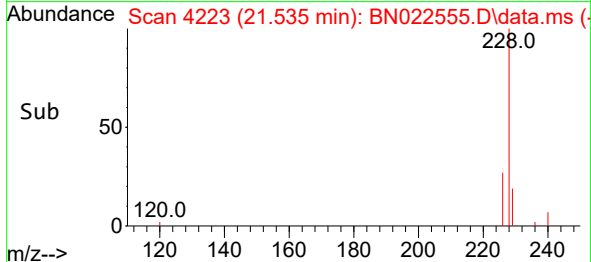
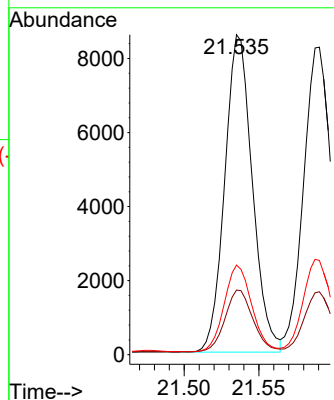


#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.535 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

Instrument :
BNA_N
ClientSampleId :

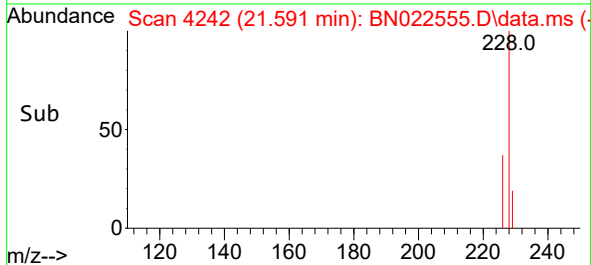
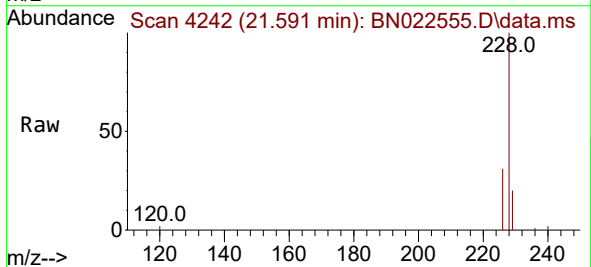
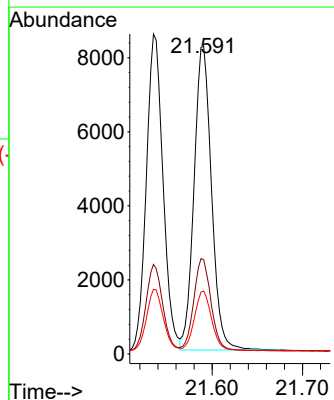


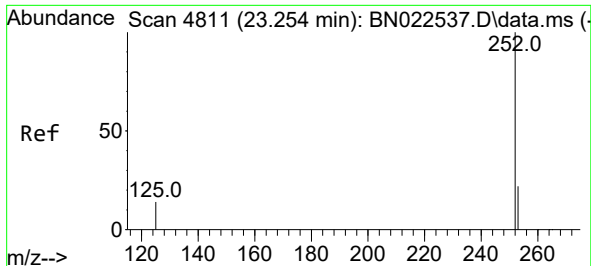
Tgt Ion:228 Resp: 11041
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 28.0 21.5 32.3



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.591 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

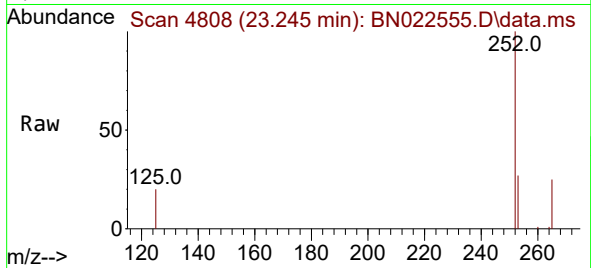
Tgt Ion:228 Resp: 11027
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.5 15.9 23.9



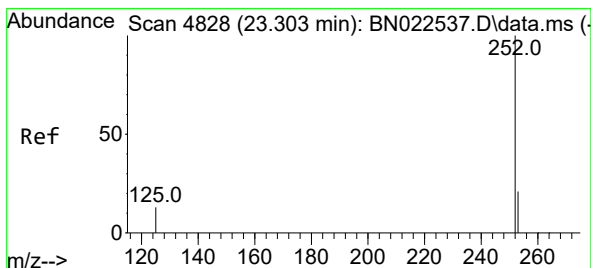
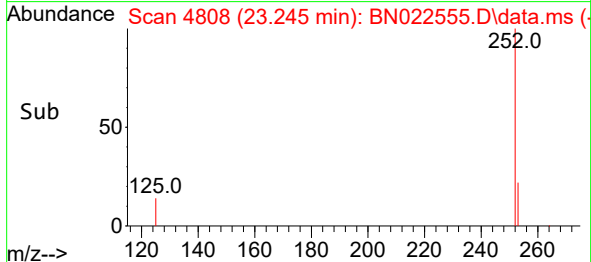
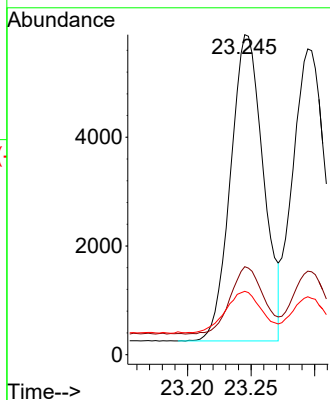


#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.245 min Scan# 4808
Delta R.T. -0.006 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

Instrument :
BNA_N
ClientSampleId :

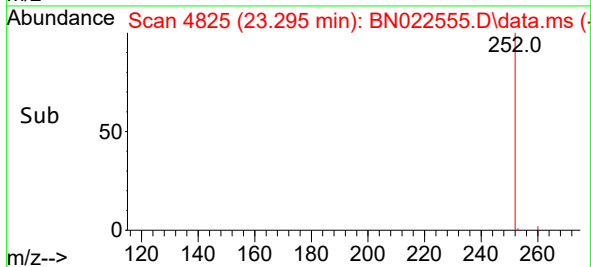
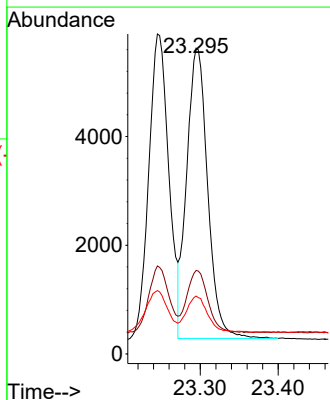
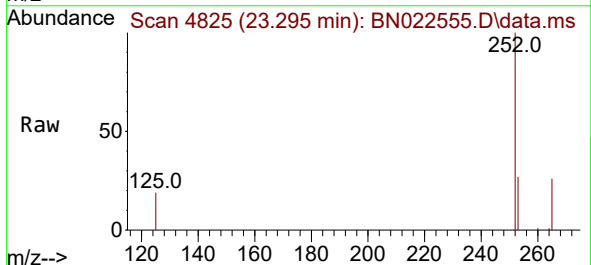


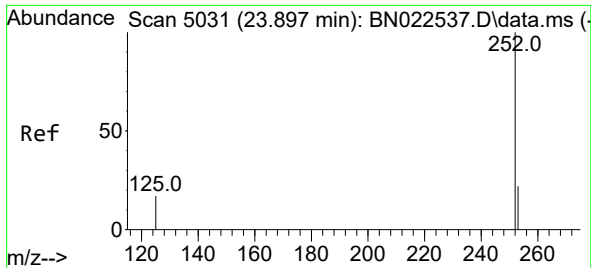
Tgt Ion:252 Resp: 10115
Ion Ratio Lower Upper
252 100
253 27.5 0.0 49.0
125 19.8 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 23.295 min Scan# 4825
Delta R.T. -0.006 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

Tgt Ion:252 Resp: 9984
Ion Ratio Lower Upper
252 100
253 27.3 19.7 29.5
125 18.9 14.0 21.0

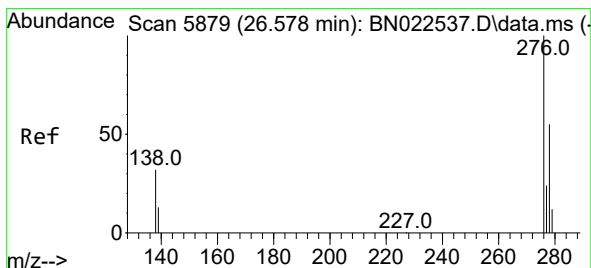
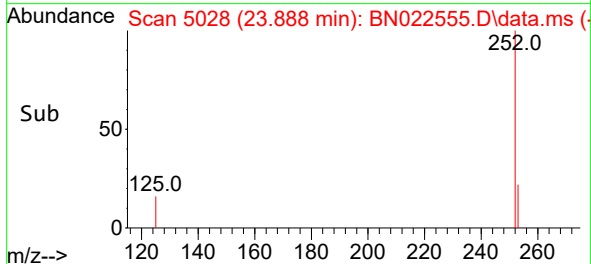
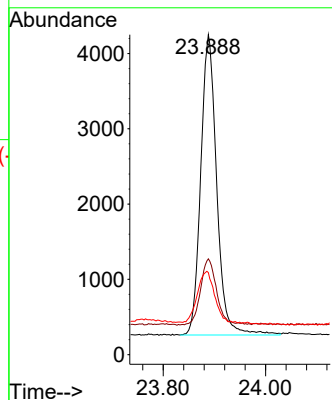
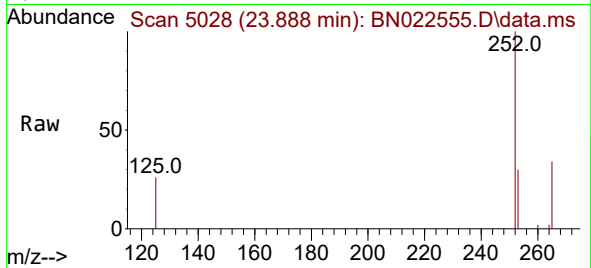




#26
Benzo(a)pyrene
Concen: 0.341 ng/ul
RT: 23.888 min Scan# 5031
Delta R.T. -0.006 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

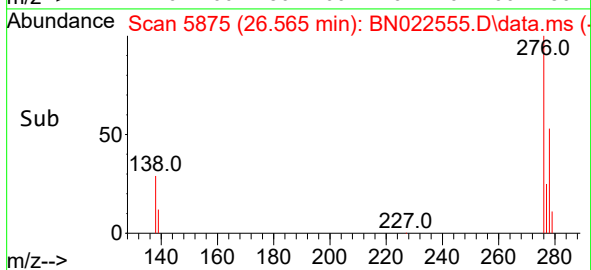
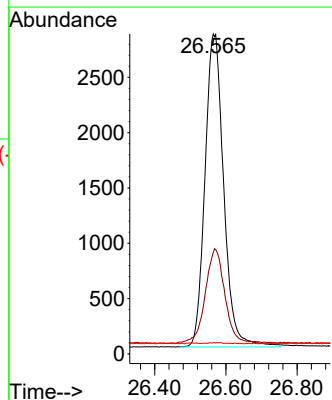
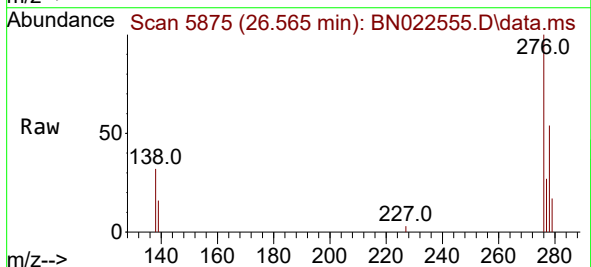
Instrument :
BNA_N
ClientSampleId :

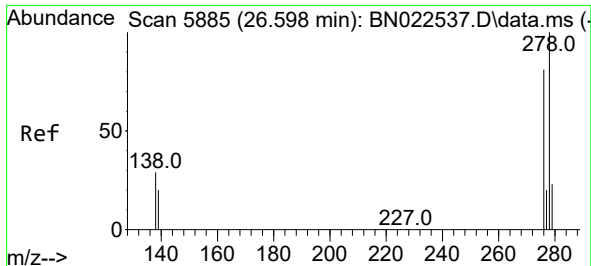
Tgt Ion:252 Resp: 8625
Ion Ratio Lower Upper
252 100
253 30.0 21.0 31.6
125 25.6 17.9 26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 26.565 min Scan# 5875
Delta R.T. -0.007 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

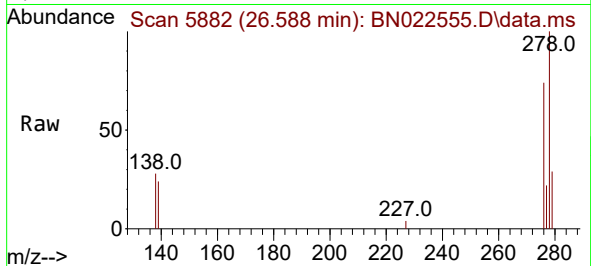
Tgt Ion:276 Resp: 10317
Ion Ratio Lower Upper
276 100
138 31.5 27.7 41.5
227 0.0 0.2 0.2#



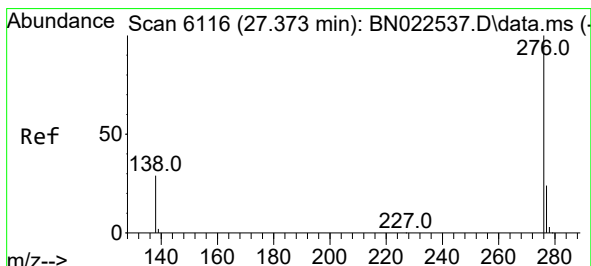
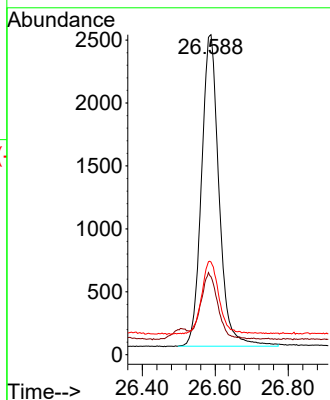
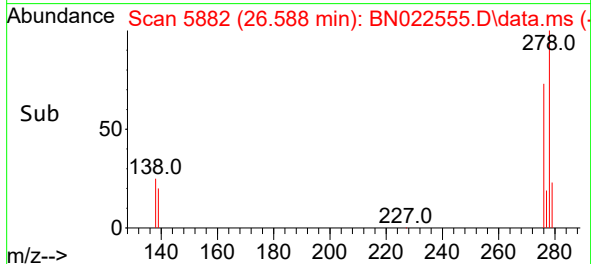


#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.588 min Scan# 5882
Delta R.T. -0.000 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 8252
Ion Ratio Lower Upper
278 100
139 24.4 19.6 29.4
279 28.9 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.356 min Scan# 6111
Delta R.T. -0.004 min
Lab File: BN022555.D
Acq: 08 Nov 2022 09:25

Tgt Ion:276 Resp: 8535
Ion Ratio Lower Upper
276 100
138 29.5 25.2 37.8
277 27.1 19.9 29.9

