

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022256.D
 Acq On : 21 Oct 2022 16:17
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4321

Quant Time: Oct 21 22:40:11 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 : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

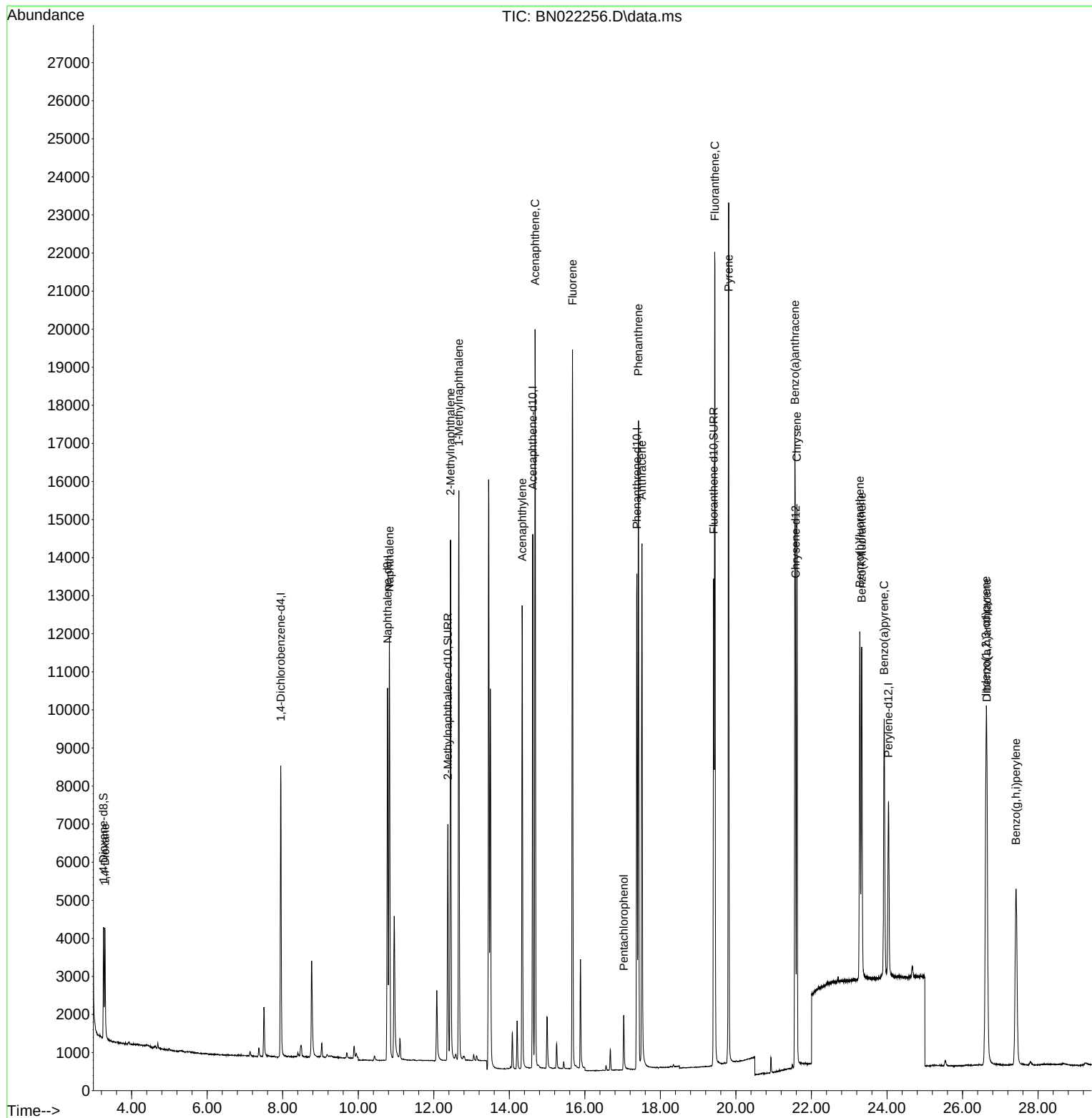
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	4130	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	13699	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	7699	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	14565	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	8543	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	6783	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	1931	0.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	8176	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	13559	0.473	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	1967	0.357	ng/ul	95
5) Naphthalene	10.827	128	15818	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	10116	0.397	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	10399	0.396	ng/ul	100
10) Acenaphthylene	14.341	152	14099	0.408	ng/ul	99
11) Acenaphthene	14.683	153	11206	0.384	ng/ul	100
12) Fluorene	15.674	166	12223	0.361	ng/ul	99
14) Pentachlorophenol	17.032	266	1129	0.326	ng/ul	100
15) Phenanthrene	17.421	178	18774	0.384	ng/ul	100
16) Anthracene	17.514	178	16260	0.395	ng/ul	100
19) Fluoranthene	19.445	202	18259	0.467	ng/ul	98
20) Pyrene	19.807	202	18326	0.466	ng/ul	100
21) Benzo(a)anthracene	21.562	228	13246	0.414	ng/ul	99
22) Chrysene	21.617	228	13165	0.388	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	11941	0.351	ng/ul	94
25) Benzo(k)fluoranthene	23.330	252	11759	0.355	ng/ul	95
26) Benzo(a)pyrene	23.926	252	10340	0.381	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.622	276	13152	0.390	ng/ul	100
28) Dibenzo(a,h)anthracene	26.645	278	10341	0.383	ng/ul	97
29) Benzo(g,h,i)perylene	27.417	276	10831	0.394	ng/ul	99

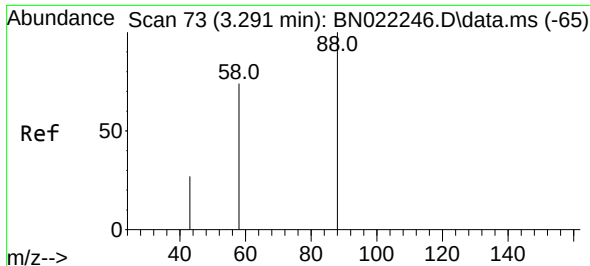
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
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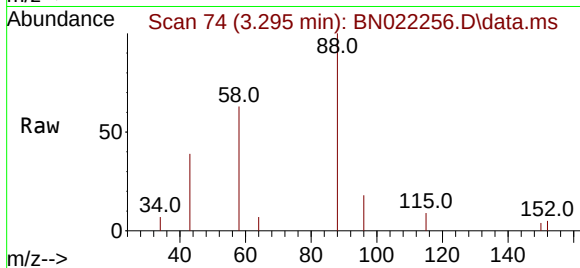
Quant Time: Oct 21 22:40:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
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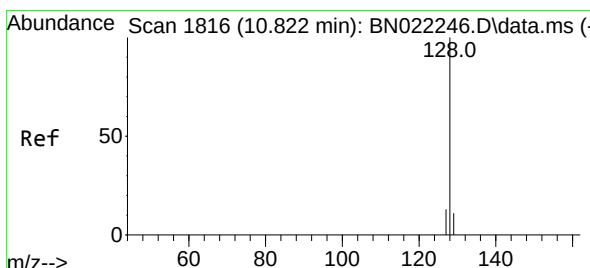
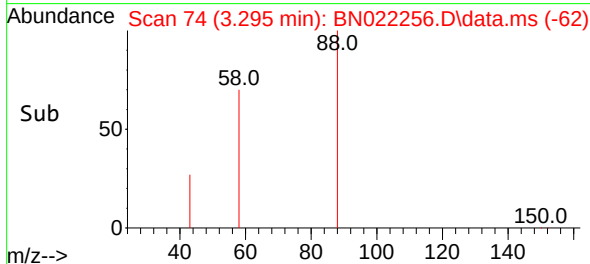
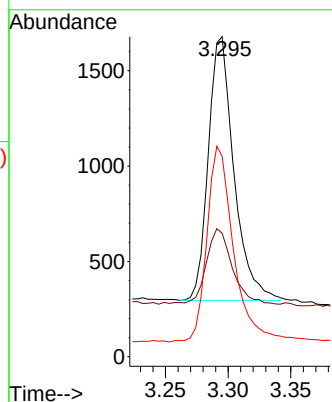
#2
1,4-Dioxane
Concen: 0.357 ng/ul
RT: 3.295 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.4321



Tgt Ion: 88 Resp: 1967

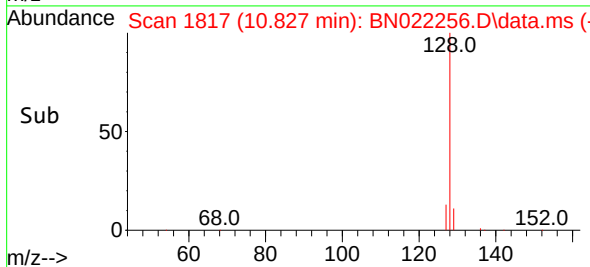
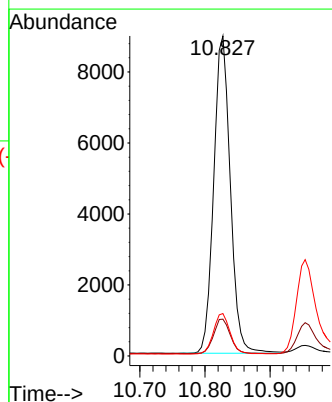
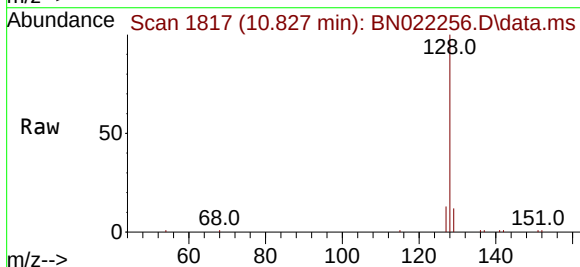
Ion	Ratio	Lower	Upper
88	100		
43	38.6	27.4	41.2
58	62.7	48.2	72.2

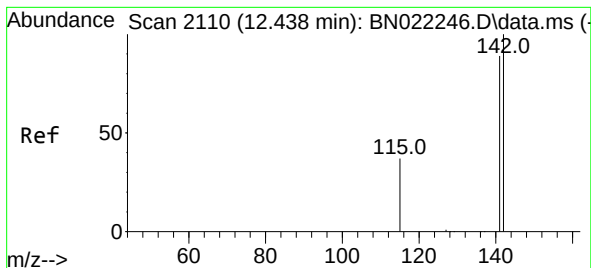


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Tgt Ion: 128 Resp: 15818

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.3	10.7	16.1

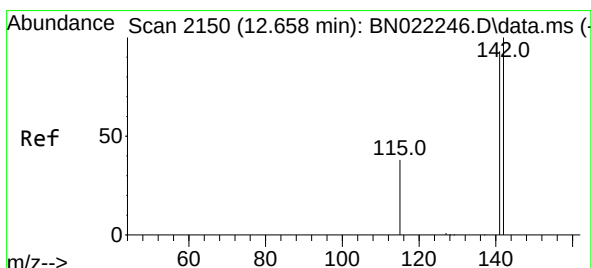
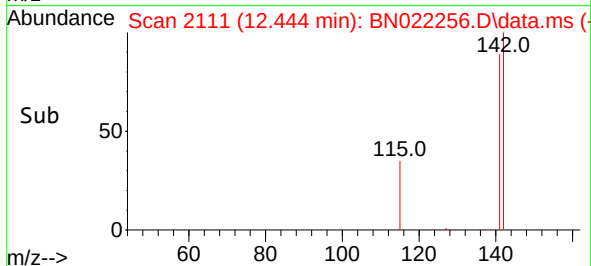
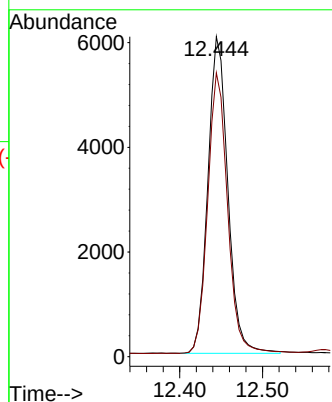
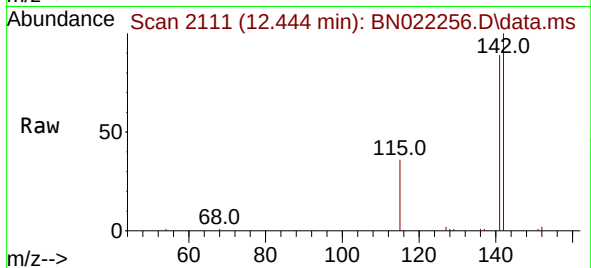




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

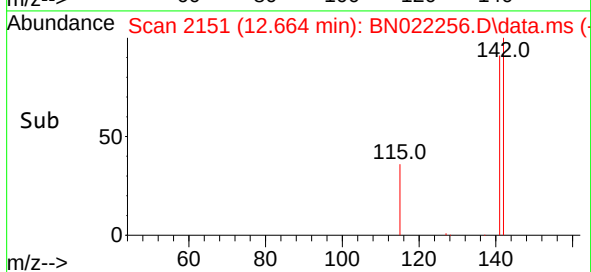
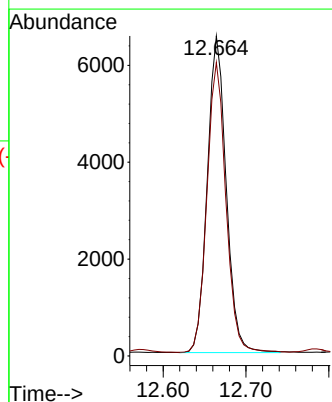
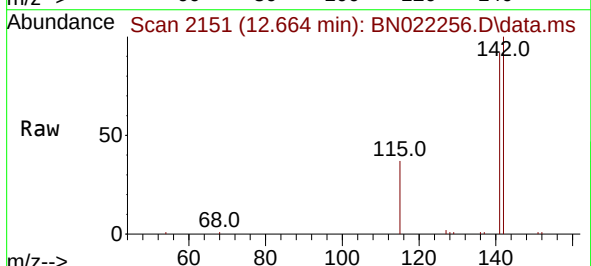
Instrument :
BNA_N
ClientSampleId :
SSTD0.4321

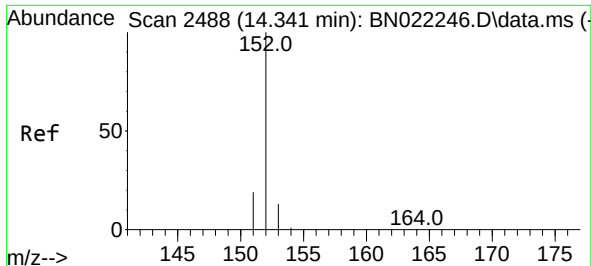
Tgt Ion:142 Resp: 10116
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Tgt Ion:142 Resp: 10399
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9

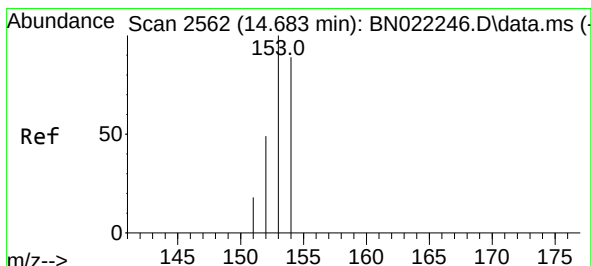
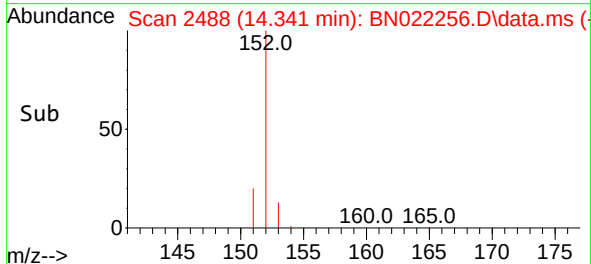
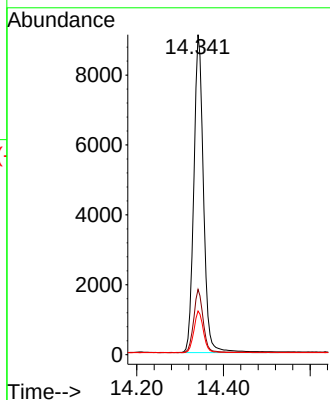
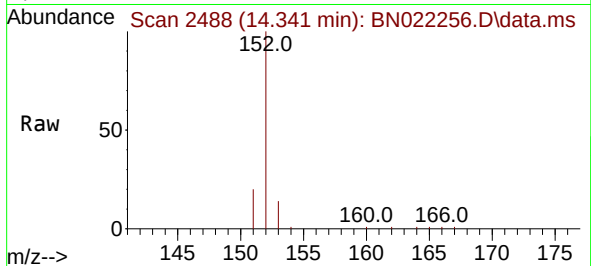




#10
Acenaphthylene
Concen: 0.408 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

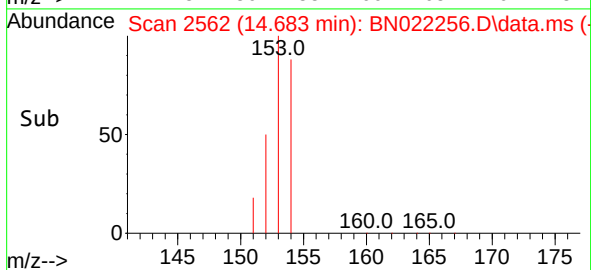
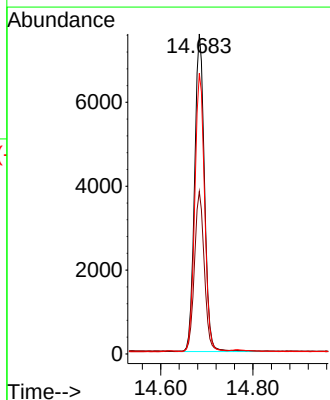
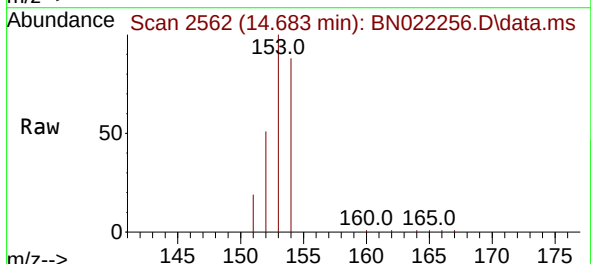
Instrument :
BNA_N
ClientSampleId :
SSTD0.4321

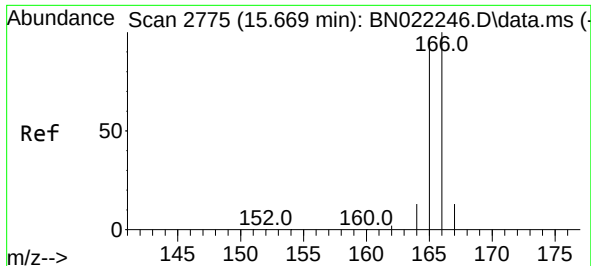
Tgt Ion:152 Resp: 14099
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Tgt Ion:153 Resp: 11206
Ion Ratio Lower Upper
153 100
152 50.8 40.6 61.0
154 87.7 70.6 106.0

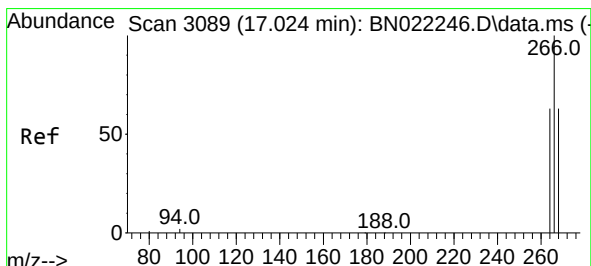
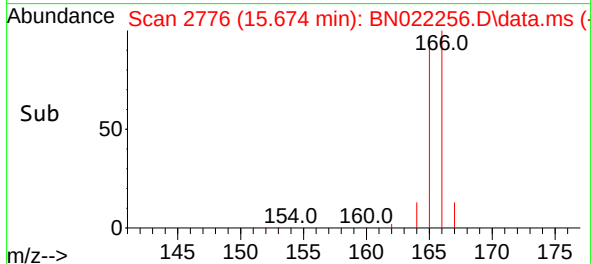
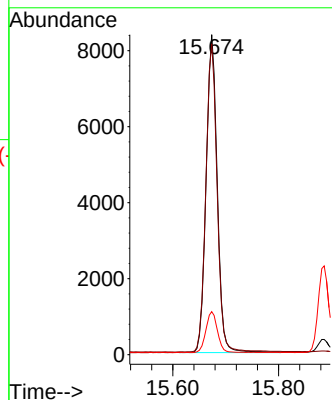
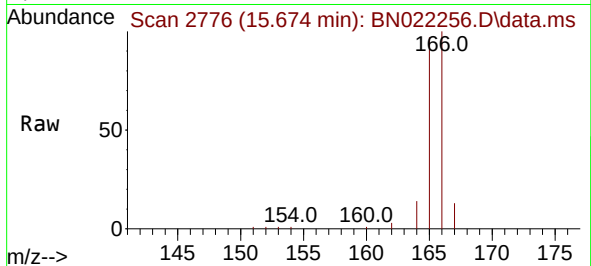




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.674 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

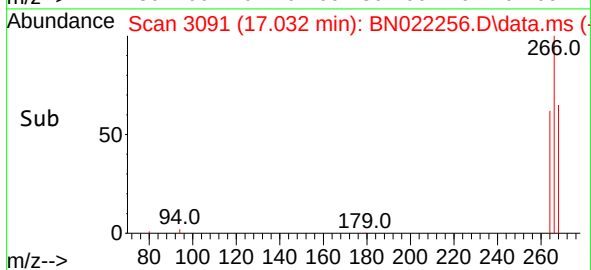
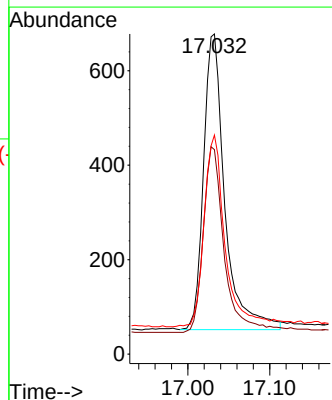
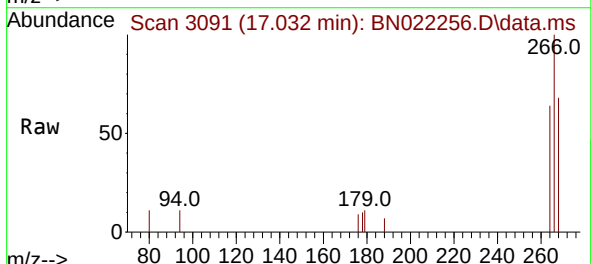
Instrument :
BNA_N
ClientSampleId :
SSTD0.4321

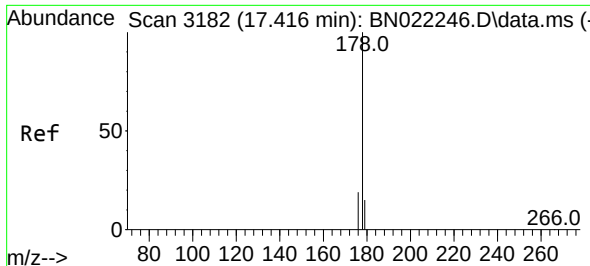
Tgt Ion:166 Resp: 12223
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 13.4 11.0 16.4



#14
Pentachlorophenol
Concen: 0.326 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Tgt Ion:266 Resp: 1129
Ion Ratio Lower Upper
266 100
264 61.8 49.8 74.6
268 64.6 51.4 77.2

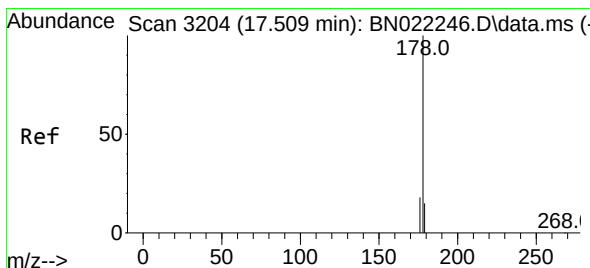
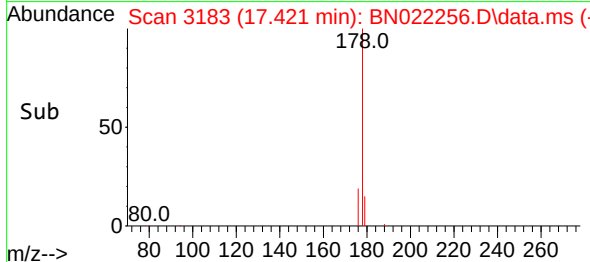
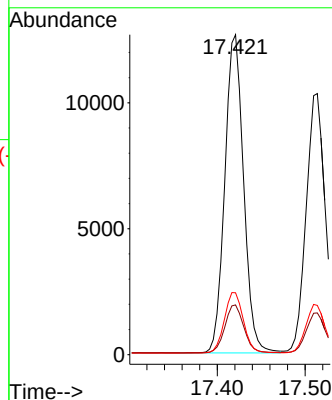
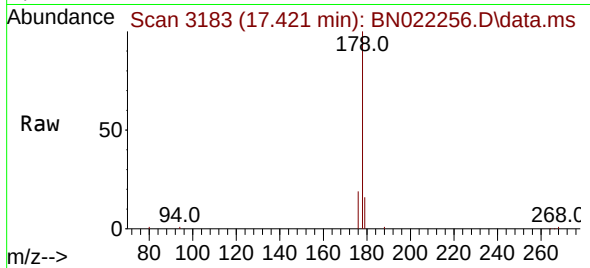




#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

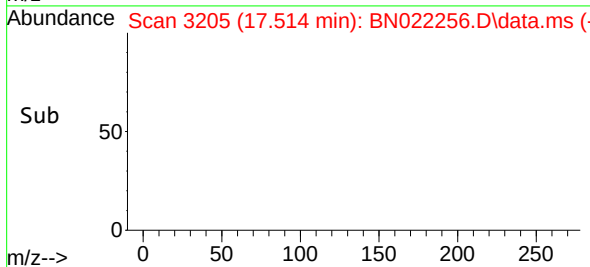
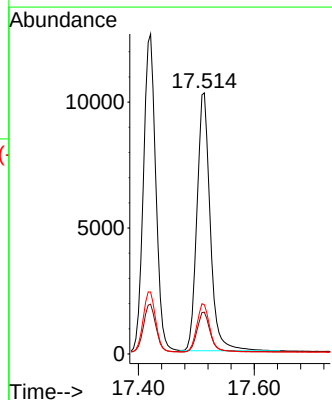
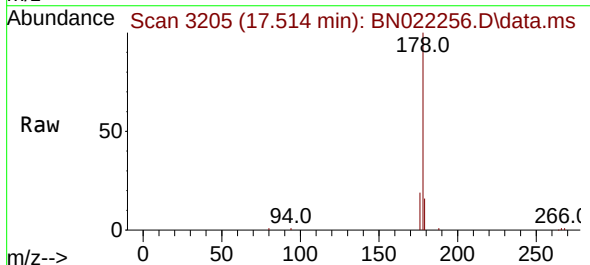
Instrument :
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ClientSampleId :
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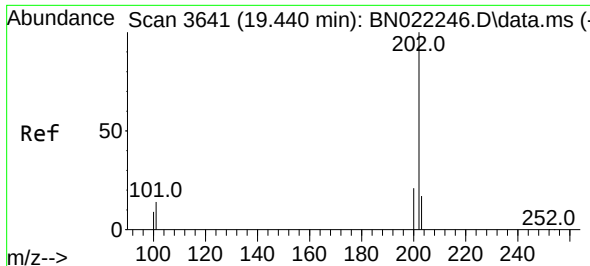
Tgt Ion:178 Resp: 18774
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Tgt Ion:178 Resp: 16260
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 18.9 15.0 22.6

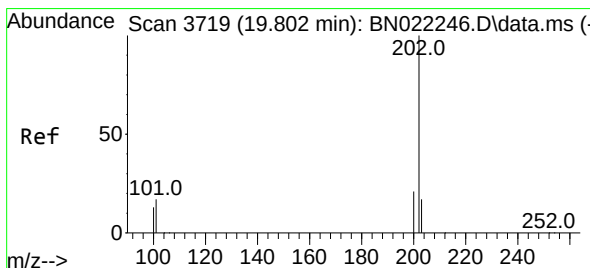
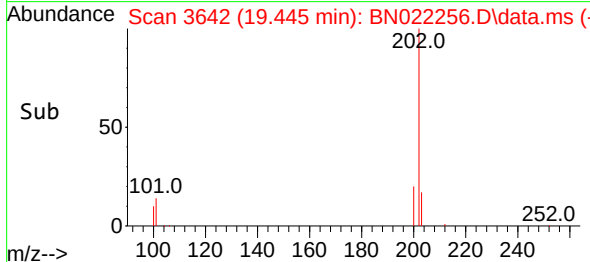
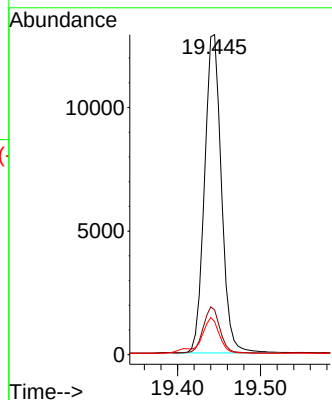
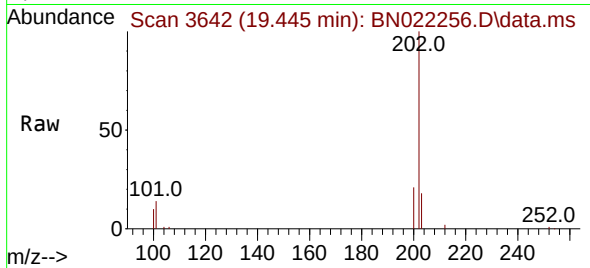




#19
Fluoranthene
Concen: 0.467 ng/ul
RT: 19.445 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

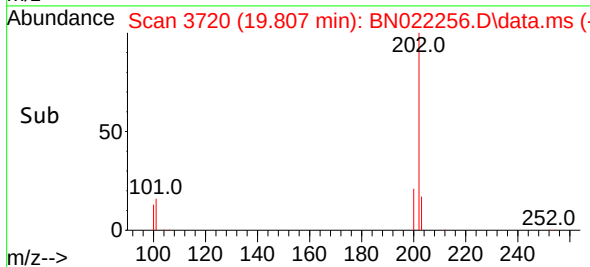
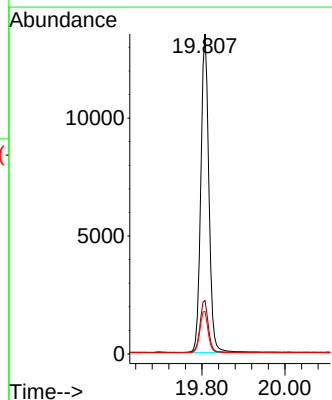
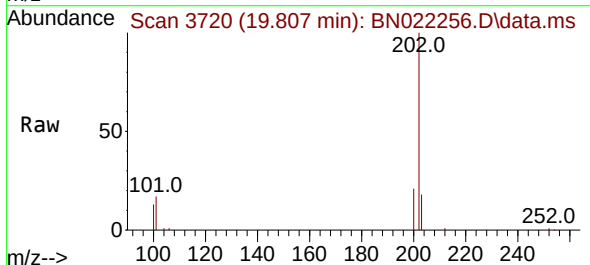
Instrument :
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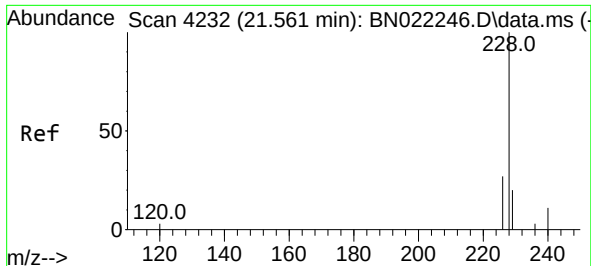
Tgt Ion:202 Resp: 18259
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 10.3 8.7 13.1



#20
Pyrene
Concen: 0.466 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

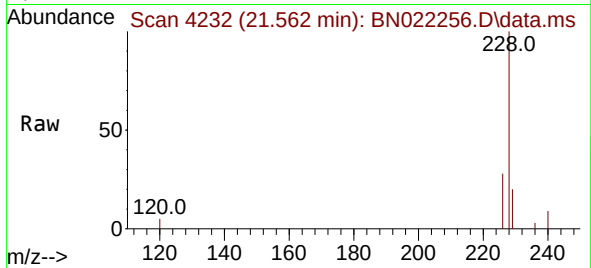
Tgt Ion:202 Resp: 18326
Ion Ratio Lower Upper
202 100
101 16.7 13.1 19.7
100 13.2 10.6 16.0



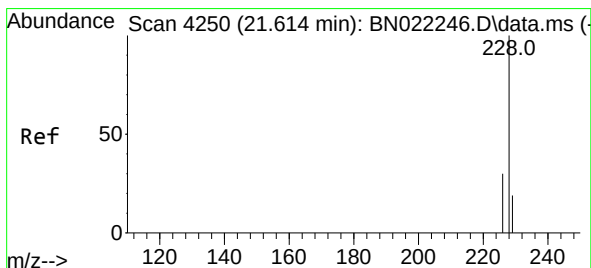
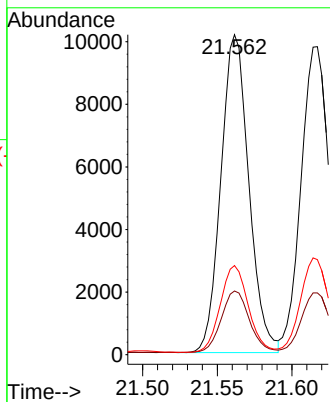
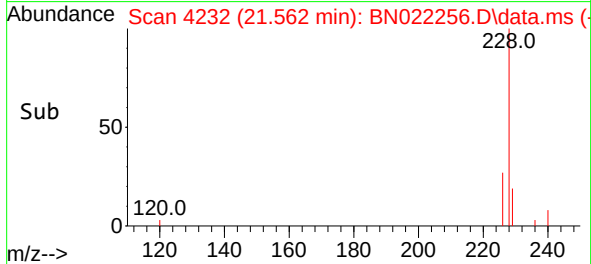


#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.562 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.4321

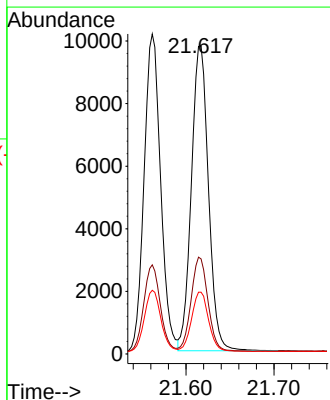
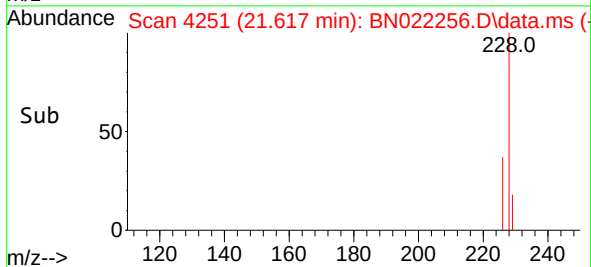
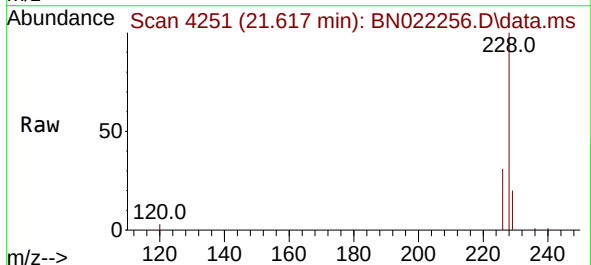


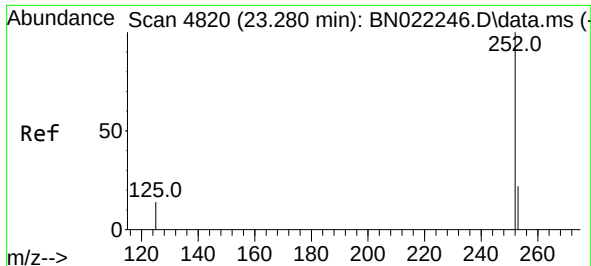
Tgt Ion:228 Resp: 13246
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.9 21.5 32.3



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.617 min Scan# 4251
Delta R.T. -0.003 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

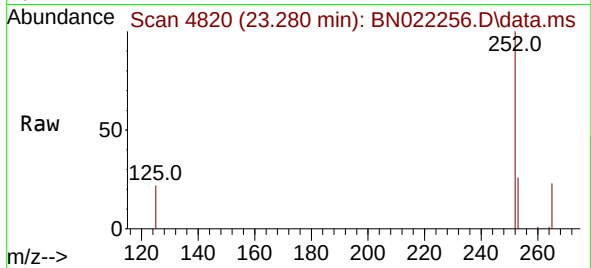
Tgt Ion:228 Resp: 13165
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 20.1 15.9 23.9



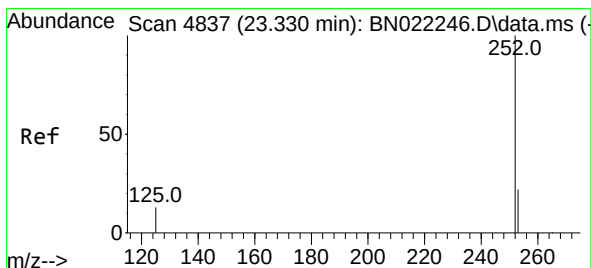
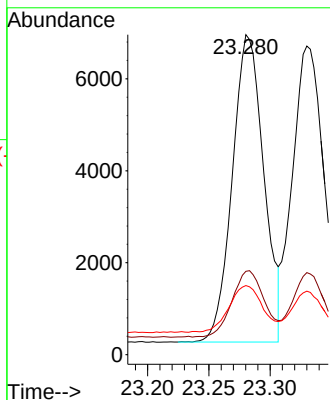


#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.4321

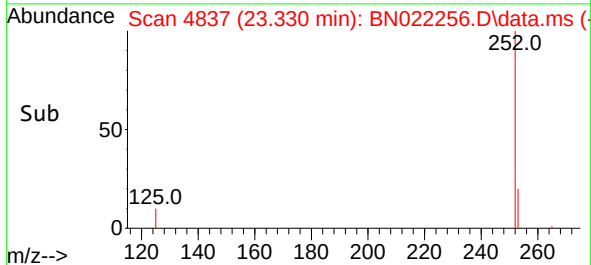
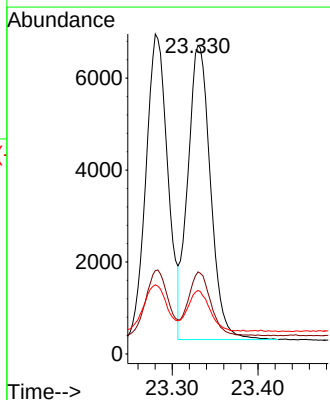
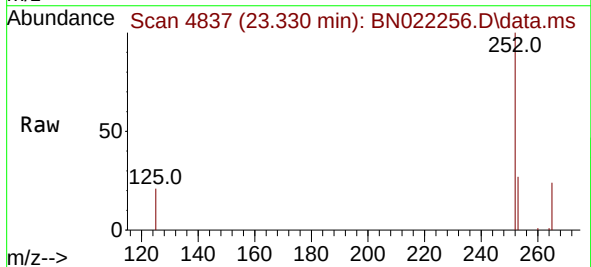


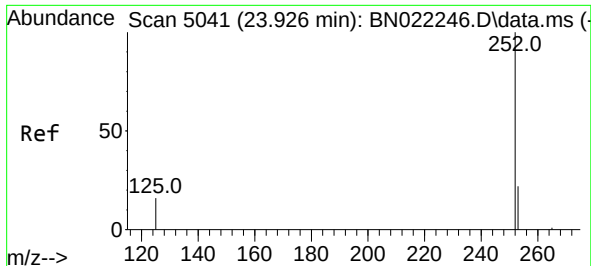
Tgt Ion:252 Resp: 11941
Ion Ratio Lower Upper
252 100
253 26.0 0.0 49.0
125 21.6 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

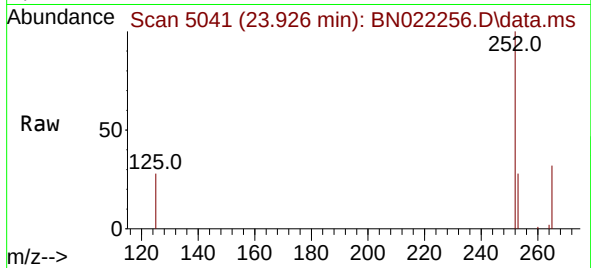
Tgt Ion:252 Resp: 11759
Ion Ratio Lower Upper
252 100
253 26.6 19.7 29.5
125 20.6 14.0 21.0



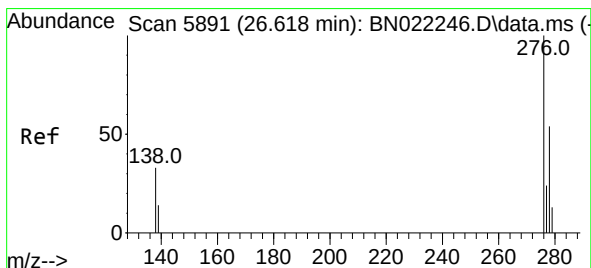
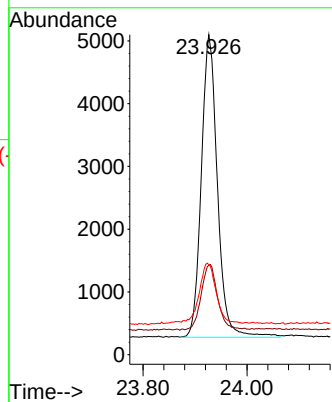
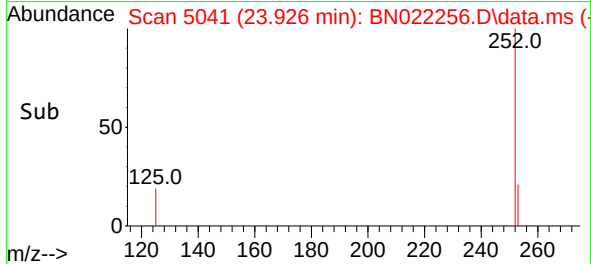


#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

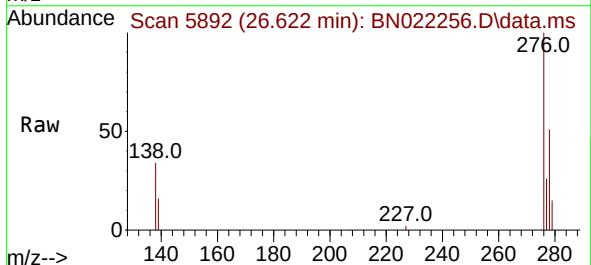
Instrument :
BNA_N
ClientSampleId :
SSTD0.4321



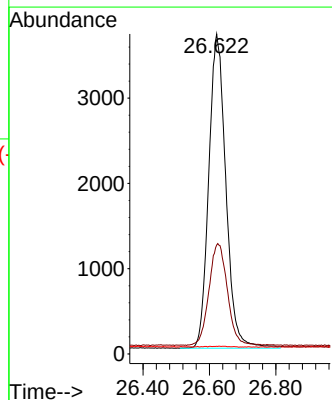
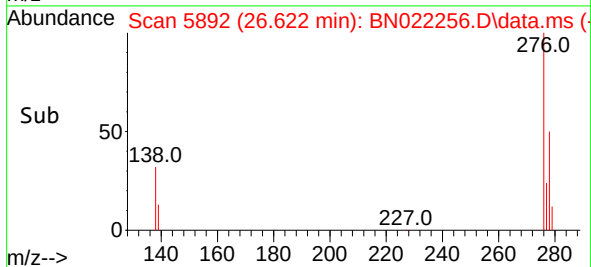
Tgt Ion:252 Resp: 10340
Ion Ratio Lower Upper
252 100
253 27.9 21.0 31.6
125 28.1 17.9 26.9#

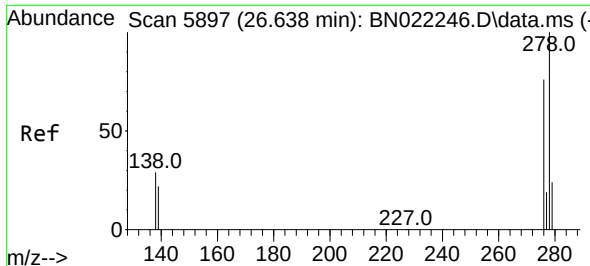


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.014 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17



Tgt Ion:276 Resp: 13152
Ion Ratio Lower Upper
276 100
138 34.9 27.7 41.5
227 0.2 0.2 0.2

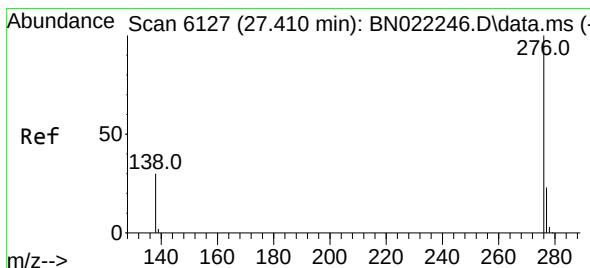
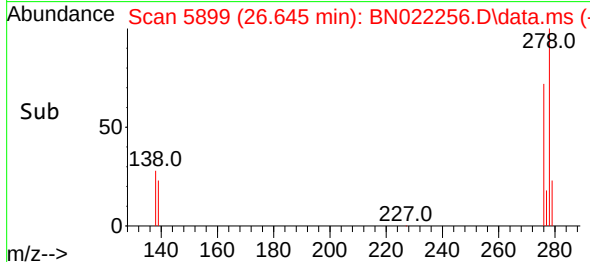
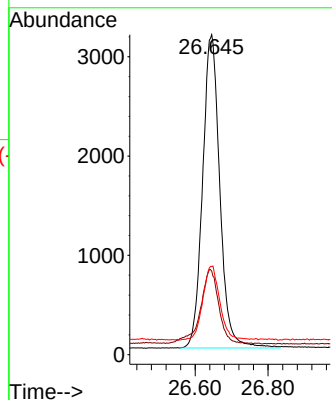
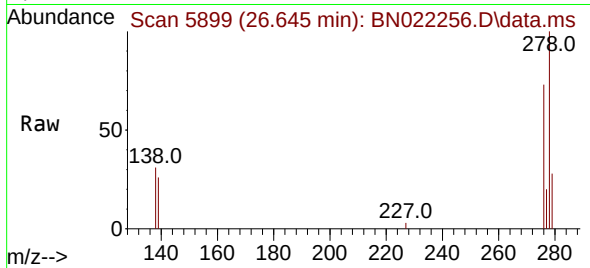




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 26.645 min Scan# 5899
Delta R.T. -0.010 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.4321

Tgt Ion:278 Resp: 10341
Ion Ratio Lower Upper
278 100
139 26.1 19.6 29.4
279 27.6 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 27.417 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022256.D
Acq: 21 Oct 2022 16:17

Tgt Ion:276 Resp: 10831
Ion Ratio Lower Upper
276 100
138 32.2 25.2 37.8
277 25.3 19.9 29.9

