

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022243.D
 Acq On : 20 Oct 2022 20:59
 Operator : CG/JU
 Sample : PB148280BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 21 01:52:51 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)

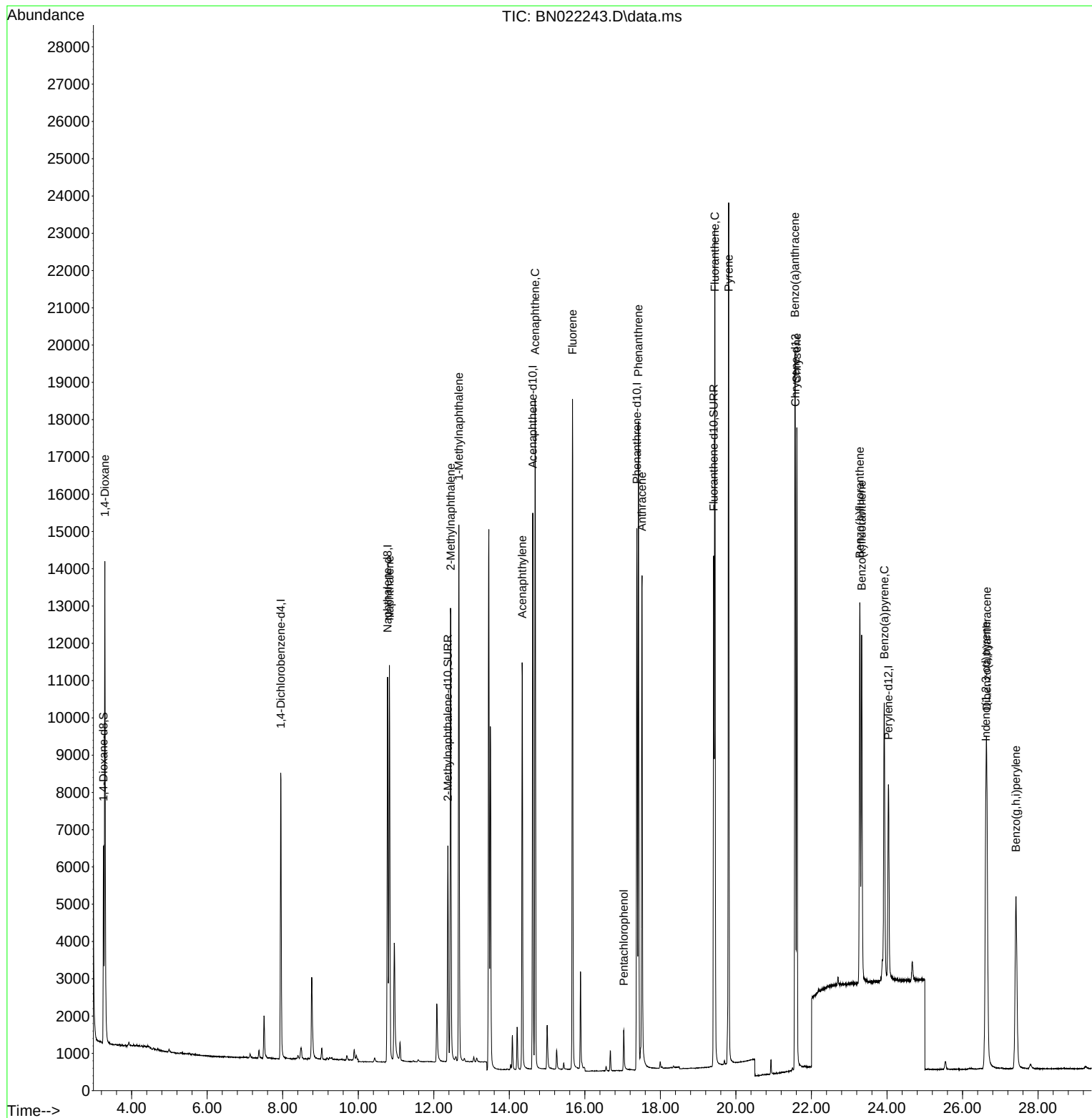
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	4214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	14462	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	8334	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	16599	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	11164	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	7879	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	3474	0.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	7746	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	14332	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.291	88	8988	1.598	ng/ul	89
5) Naphthalene	10.827	128	14795	0.346	ng/ul	100
7) 2-Methylnaphthalene	12.450	142	9343	0.347	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	10108	0.365	ng/ul	100
10) Acenaphthylene	14.341	152	12831	0.343	ng/ul	99
11) Acenaphthene	14.683	153	10509	0.333	ng/ul	99
12) Fluorene	15.673	166	11587	0.316	ng/ul	99
14) Pentachlorophenol	17.032	266	839	0.213	ng/ul	99
15) Phenanthrene	17.421	178	18572	0.333	ng/ul	100
16) Anthracene	17.514	178	15766	0.336	ng/ul	99
19) Fluoranthene	19.440	202	19334	0.378	ng/ul	99
20) Pyrene	19.807	202	19336	0.376	ng/ul	99
21) Benzo(a)anthracene	21.561	228	14721	0.352	ng/ul	99
22) Chrysene	21.614	228	15336	0.346	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	13613	0.344	ng/ul	94
25) Benzo(k)fluoranthene	23.330	252	13048	0.339	ng/ul	96
26) Benzo(a)pyrene	23.929	252	11080	0.351	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.618	276	12897	0.329	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.642	278	10201	0.326	ng/ul	98
29) Benzo(g,h,i)perylene	27.416	276	10476	0.328	ng/ul	99

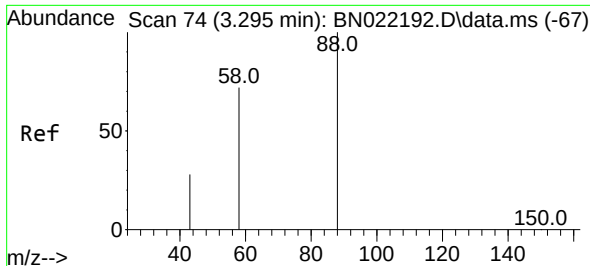
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
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ALS Vial : 50 Sample Multiplier: 1

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BNA_N
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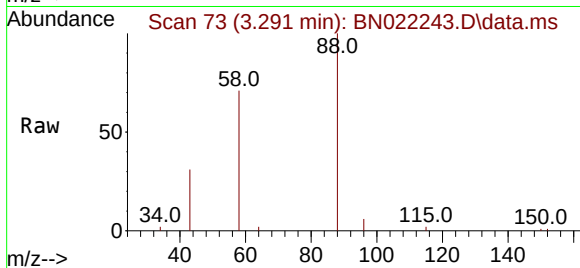
Quant Time: Oct 21 01:52:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration



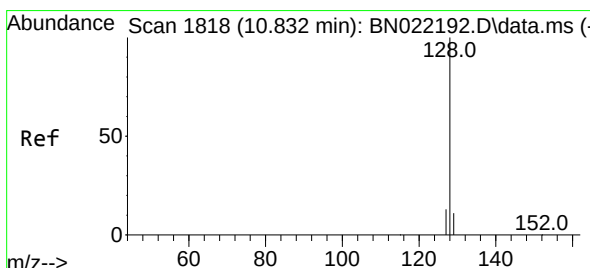
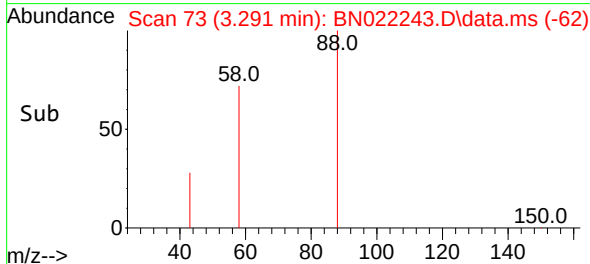
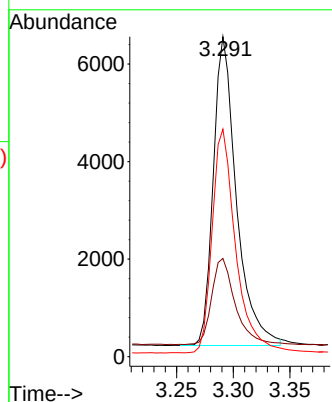


#2
 1,4-Dioxane
 Concen: 1.598 ng/ul
 RT: 3.291 min Scan# 74
 Delta R.T. -0.004 min
 Lab File: BN022243.D
 Acq: 20 Oct 2022 20:59

Instrument :
 BNA_N
 ClientSampleId :

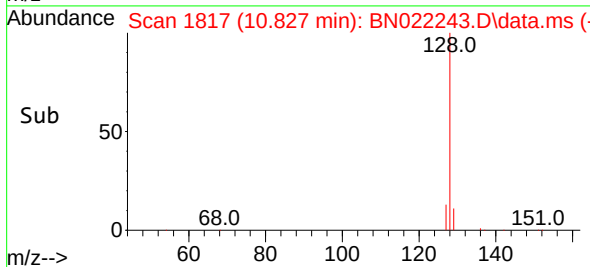
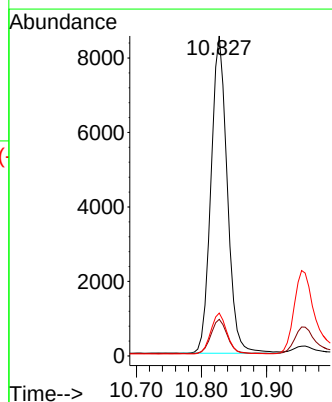
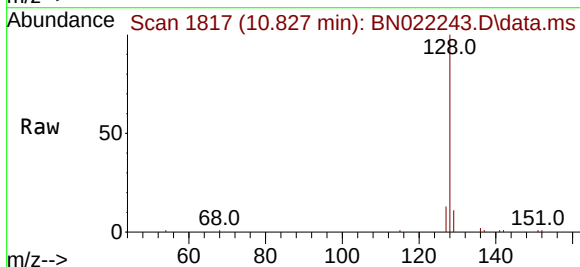


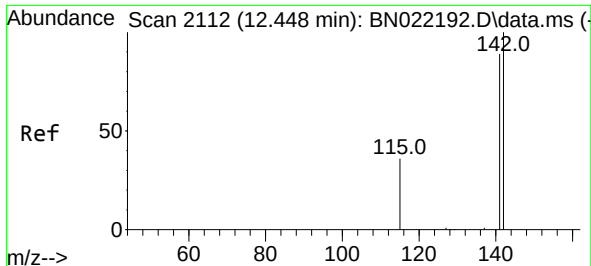
Tgt Ion: 88 Resp: 8988
 Ion Ratio Lower Upper
 88 100
 43 30.7 27.4 41.2
 58 71.1 48.2 72.2



#5
 Naphthalene
 Concen: 0.346 ng/ul
 RT: 10.827 min Scan# 1817
 Delta R.T. -0.004 min
 Lab File: BN022243.D
 Acq: 20 Oct 2022 20:59

Tgt Ion: 128 Resp: 14795
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.3 13.9
 127 13.4 10.7 16.1

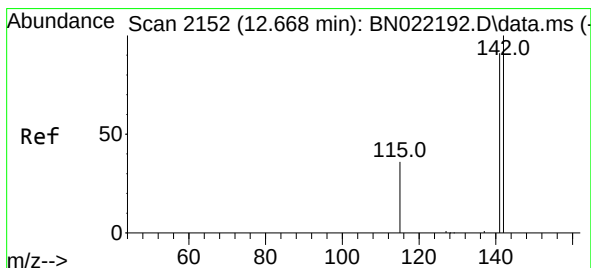
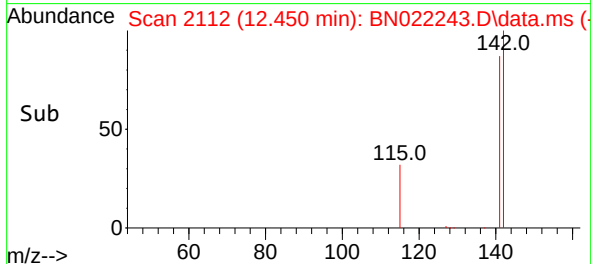
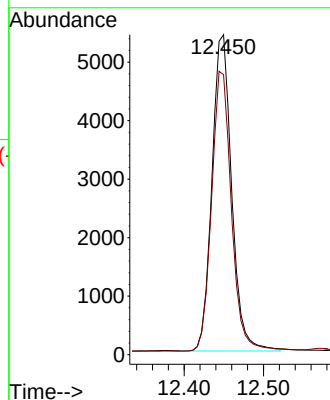
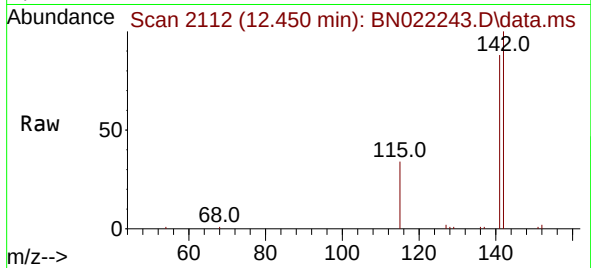




#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

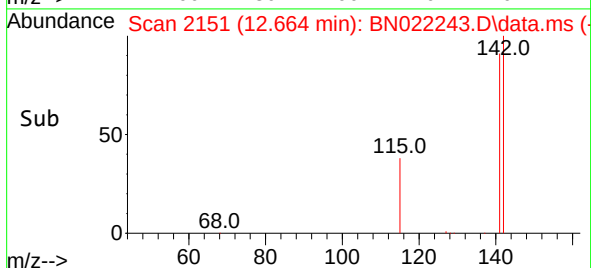
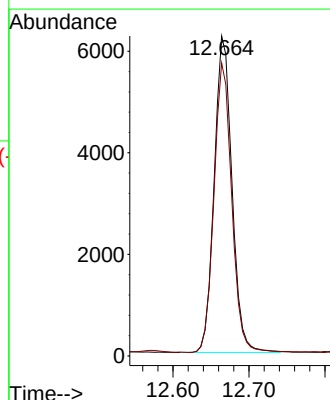
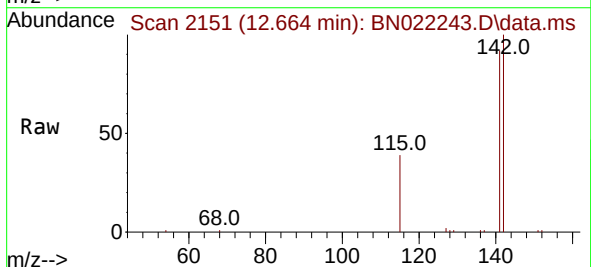
Instrument :
BNA_N
ClientSampleId :

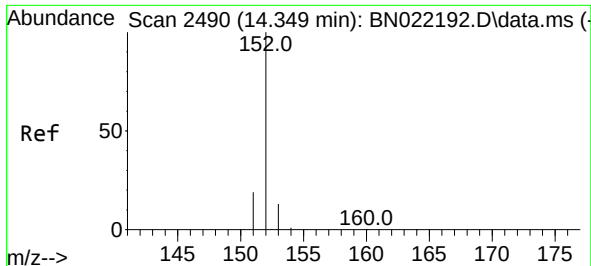
Tgt Ion:142 Resp: 9343
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:142 Resp: 10108
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

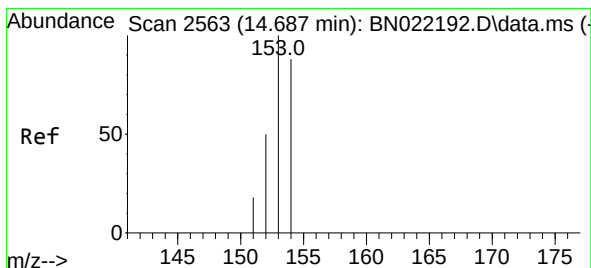
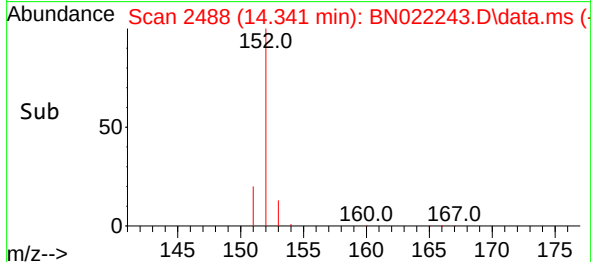
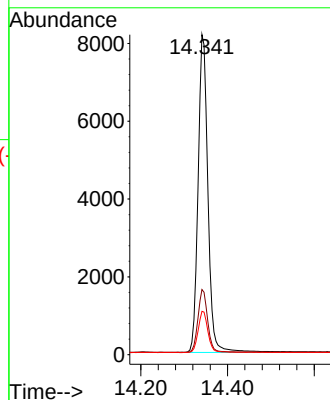
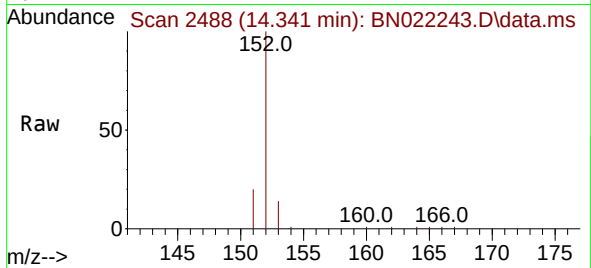




#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 14.341 min Scan# 2490
Delta R.T. -0.008 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

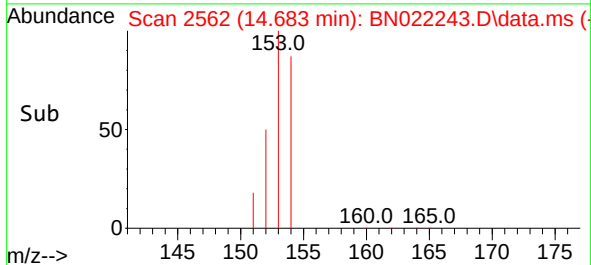
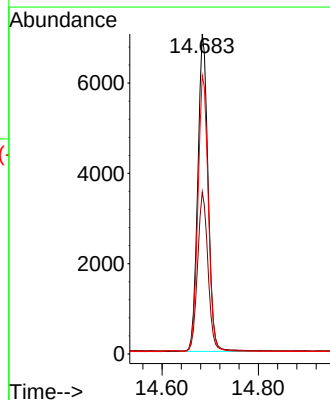
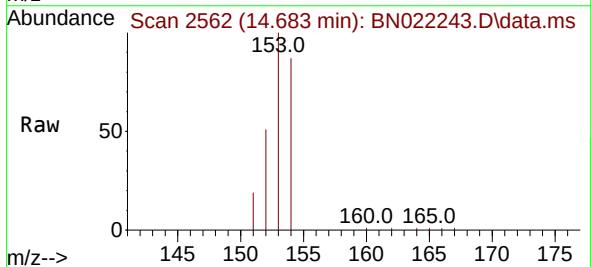
Instrument :
BNA_N
ClientSampleId :

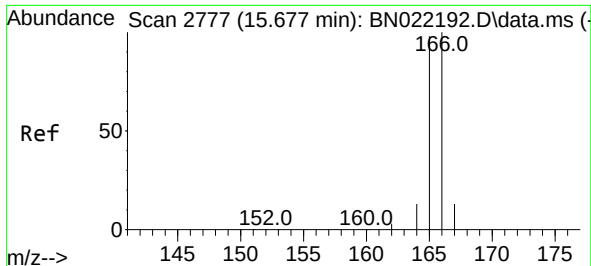
Tgt Ion:152 Resp: 12831
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

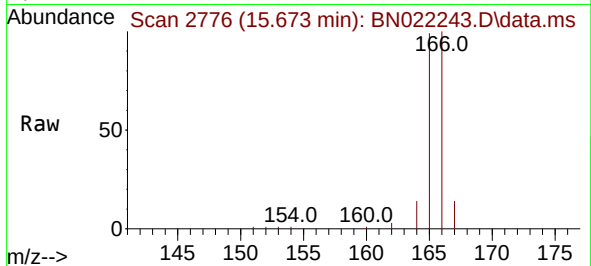
Tgt Ion:153 Resp: 10509
Ion Ratio Lower Upper
153 100
152 50.7 40.6 61.0
154 87.0 70.6 106.0



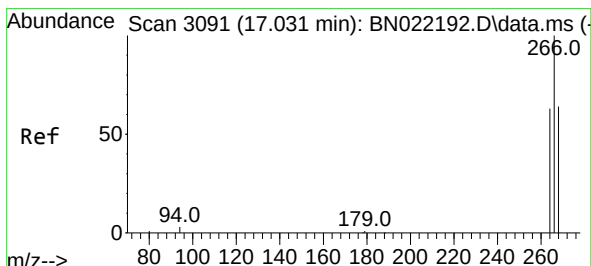
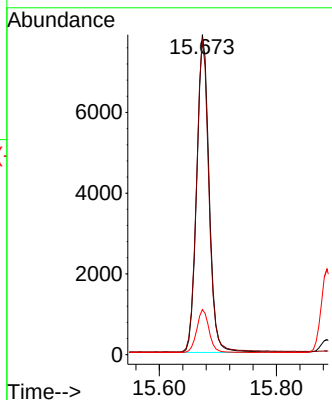
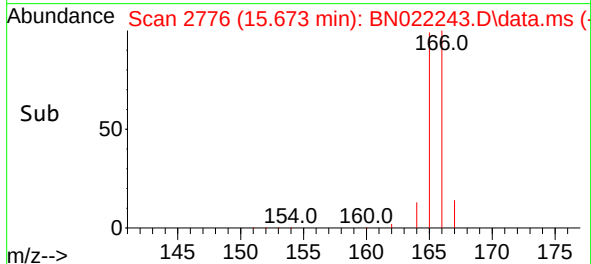


#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.673 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

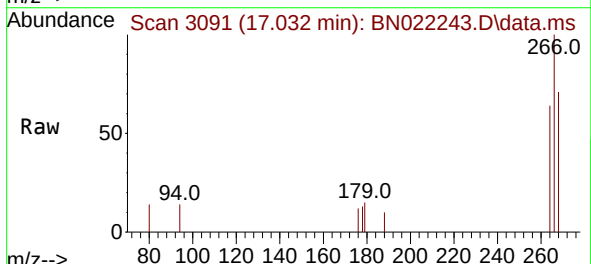
Instrument :
BNA_N
ClientSampleId :



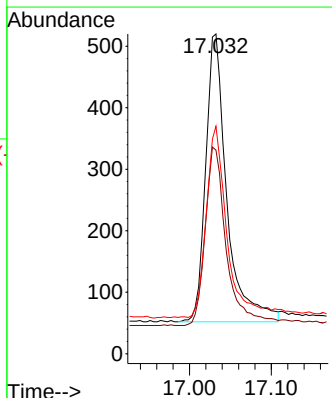
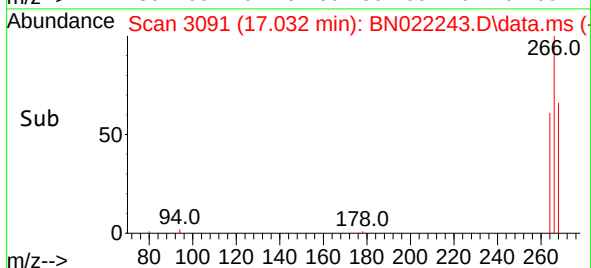
Tgt Ion:166 Resp: 11587
Ion Ratio Lower Upper
166 100
165 98.8 78.2 117.2
167 14.1 11.0 16.4

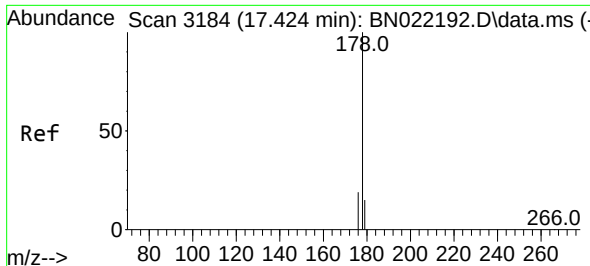


#14
Pentachlorophenol
Concen: 0.213 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59



Tgt Ion:266 Resp: 839
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.6
268 65.4 51.4 77.2

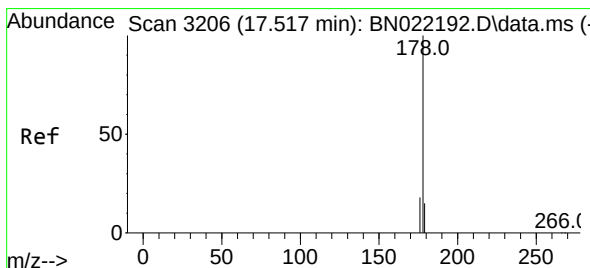
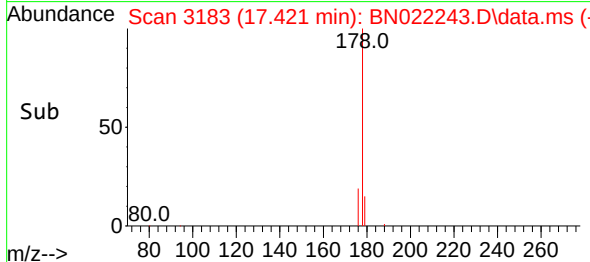
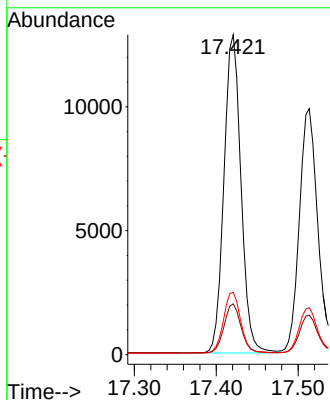
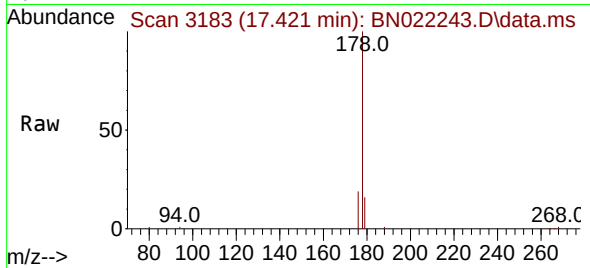




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

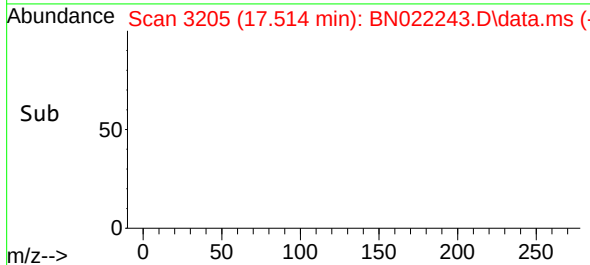
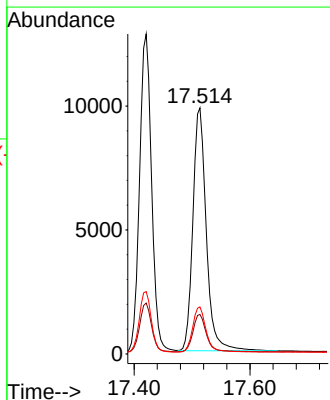
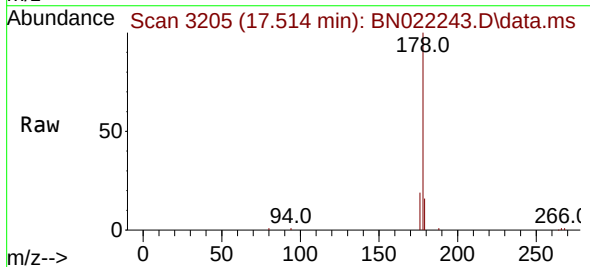
Instrument :
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ClientSampleId :

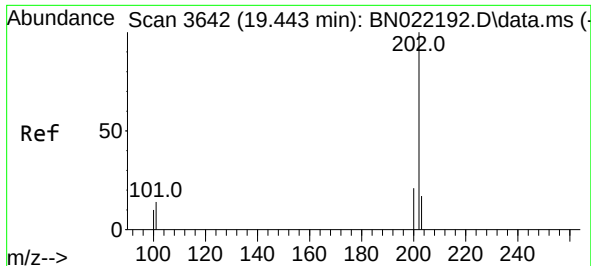
Tgt Ion:178 Resp: 18572
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:178 Resp: 15766
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.1 15.0 22.6

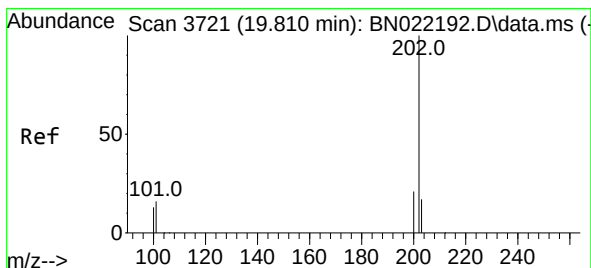
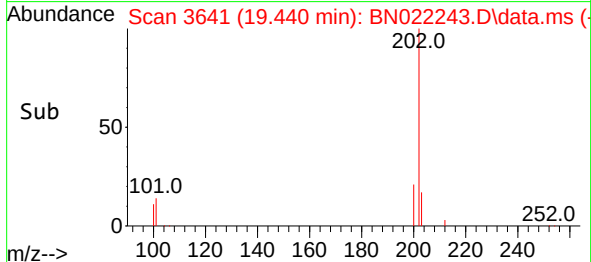
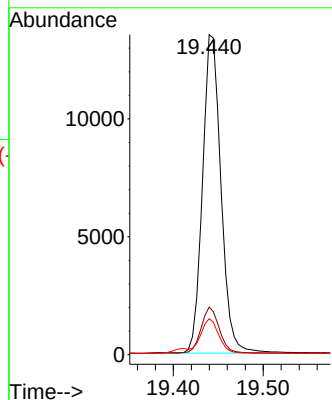
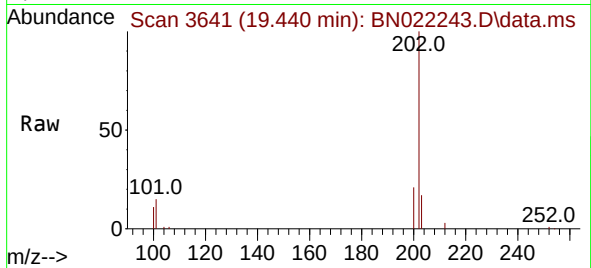




#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.440 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

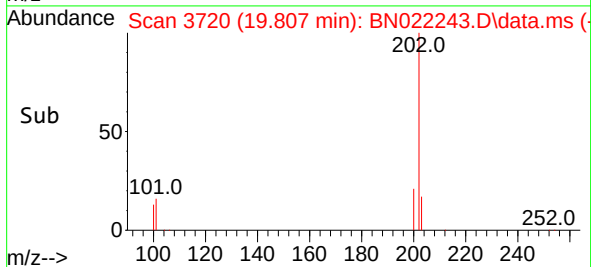
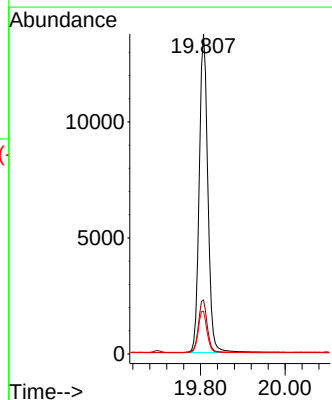
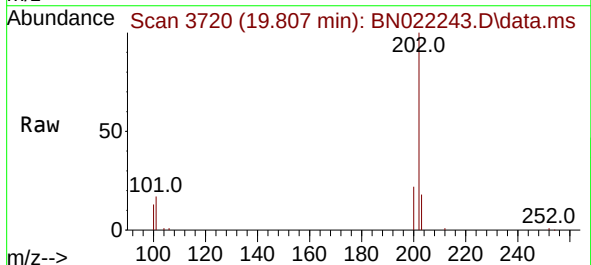
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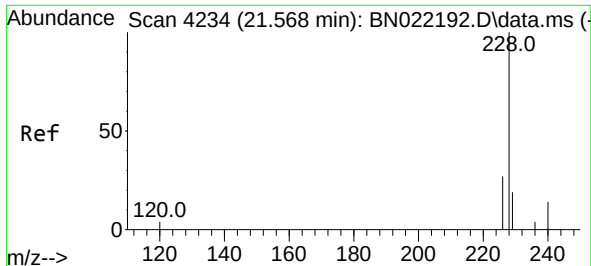
Tgt Ion:202 Resp: 19334
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 11.2 8.7 13.1



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

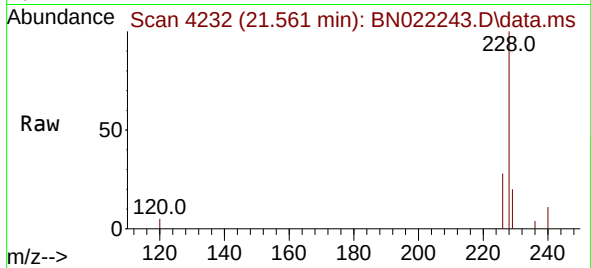
Tgt Ion:202 Resp: 19336
Ion Ratio Lower Upper
202 100
101 16.8 13.1 19.7
100 13.3 10.6 16.0



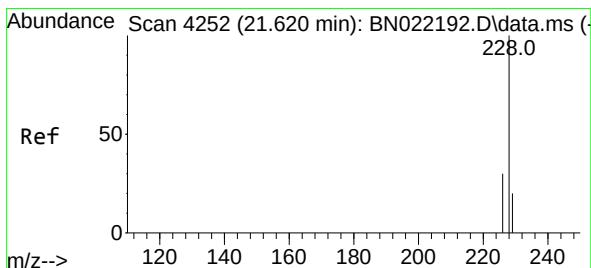
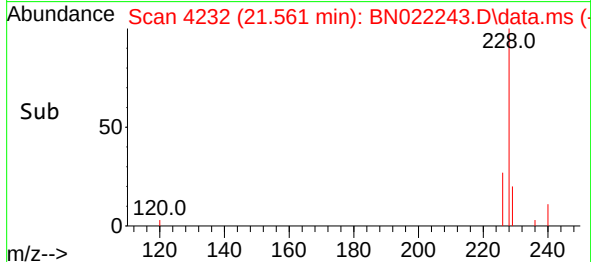
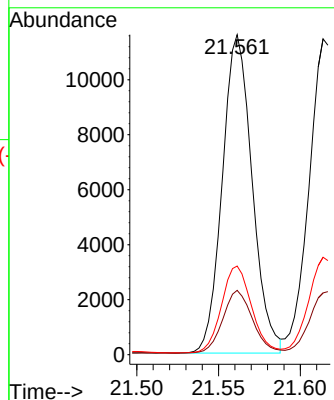


#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.561 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :

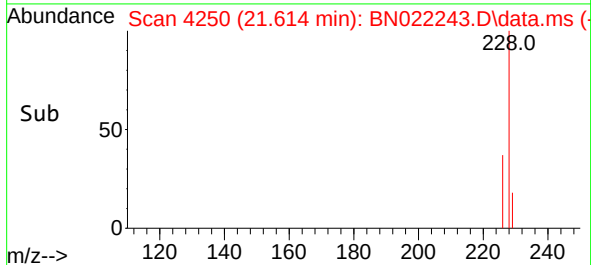
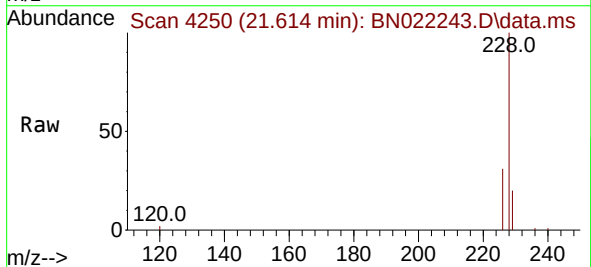
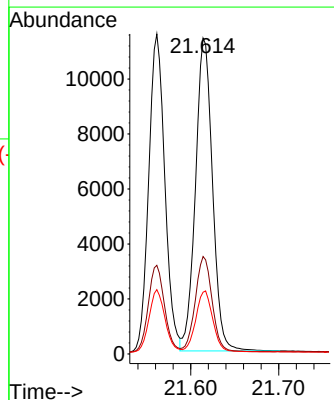


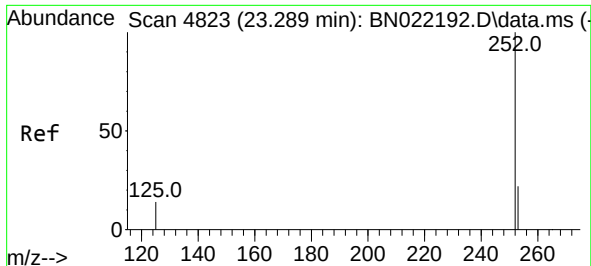
Tgt Ion:228 Resp: 14721
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.7 21.5 32.3



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

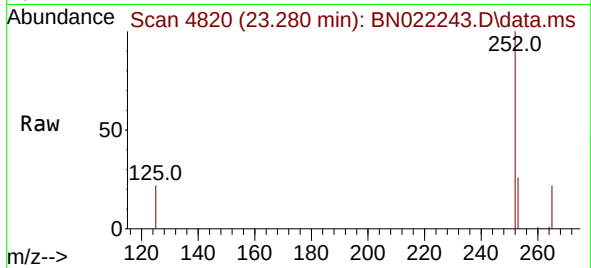
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Ion Ratio Lower Upper
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226 30.9 23.9 35.9
229 19.6 15.9 23.9



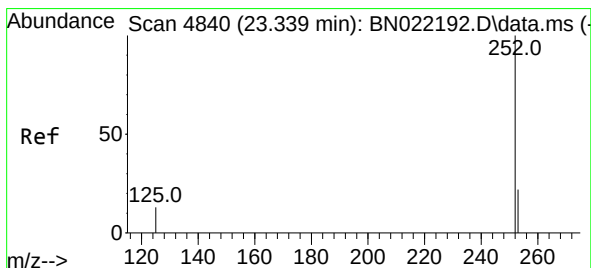
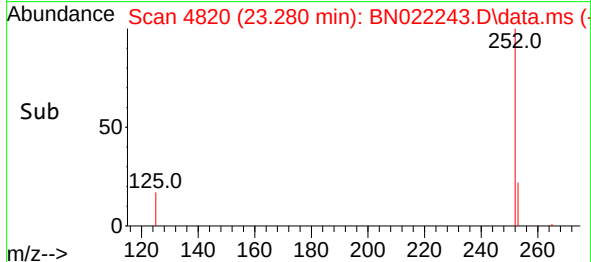
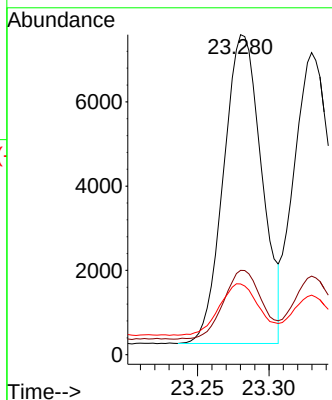


#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :

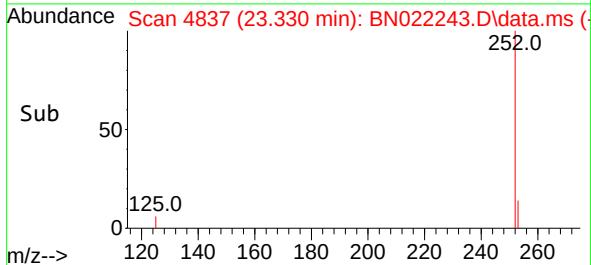
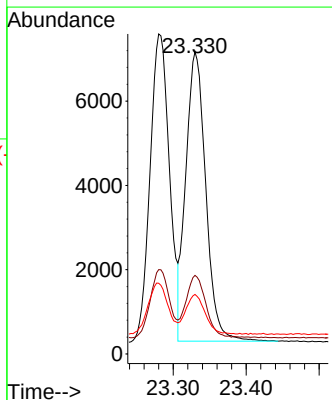
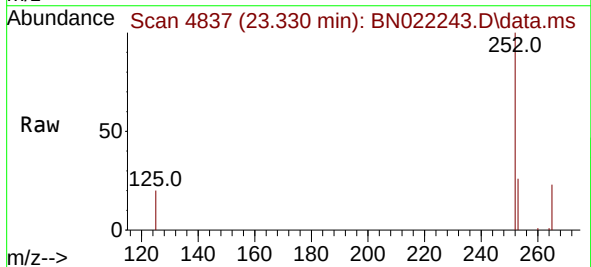


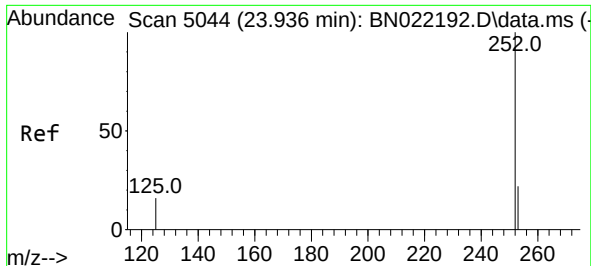
Tgt Ion:252 Resp: 13613
Ion Ratio Lower Upper
252 100
253 26.3 0.0 49.0
125 22.1 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

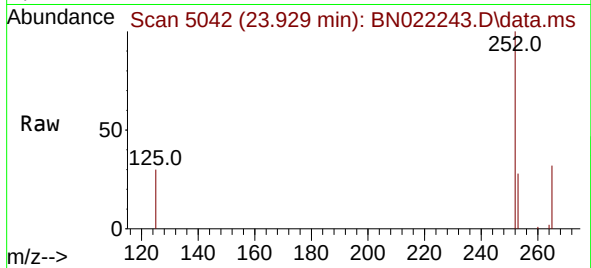
Tgt Ion:252 Resp: 13048
Ion Ratio Lower Upper
252 100
253 26.0 19.7 29.5
125 19.7 14.0 21.0



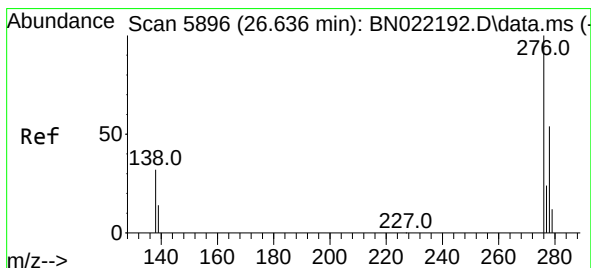
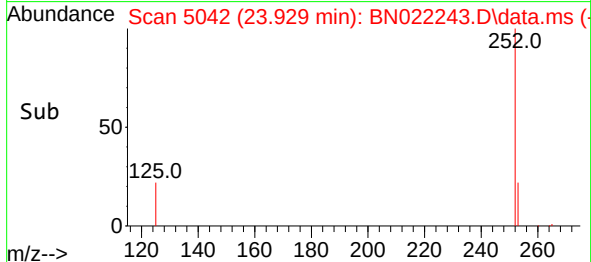
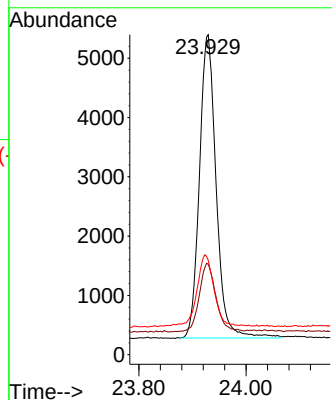


#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.929 min Scan# 5044
Delta R.T. -0.006 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :

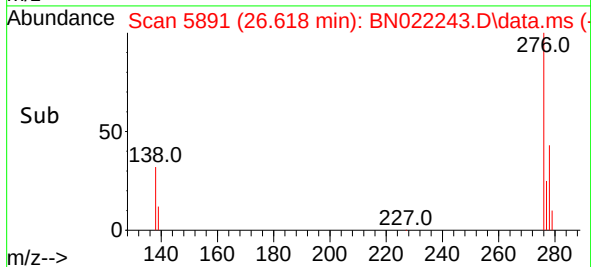
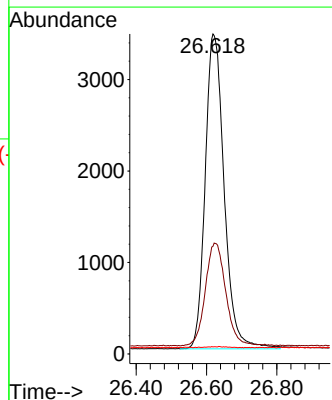
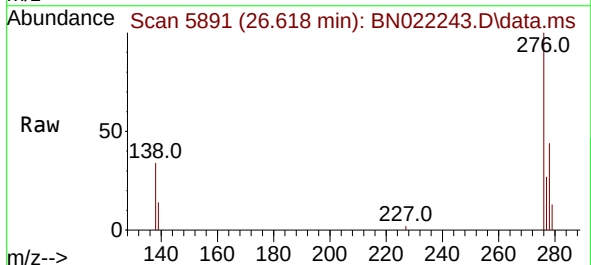


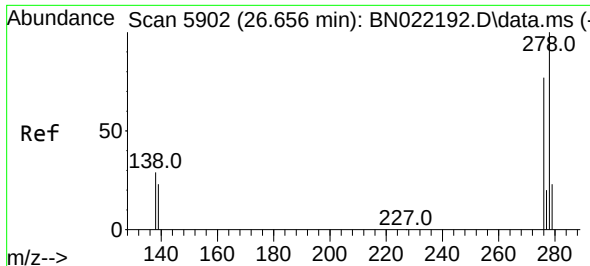
Tgt Ion:252 Resp: 11080
Ion Ratio Lower Upper
252 100
253 28.3 21.0 31.6
125 29.5 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

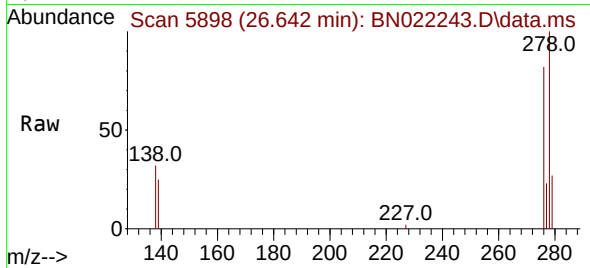
Tgt Ion:276 Resp: 12897
Ion Ratio Lower Upper
276 100
138 35.3 27.7 41.5
227 0.1 0.2 0.2#



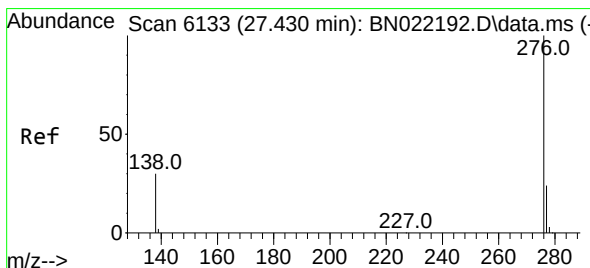
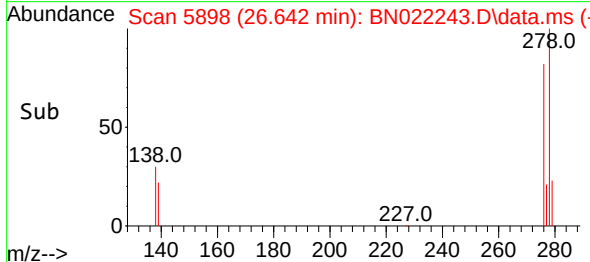
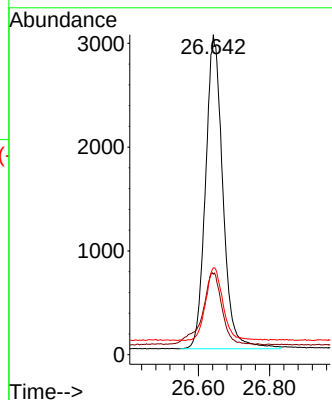


#28
 Dibenzo(a,h)anthracene
 Concen: 0.326 ng/ul
 RT: 26.642 min Scan# 5902
 Delta R.T. -0.014 min
 Lab File: BN022243.D
 Acq: 20 Oct 2022 20:59

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 278 Resp: 10201
 Ion Ratio Lower Upper
 278 100
 139 25.2 19.6 29.4
 279 27.1 20.6 30.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.328 ng/ul
 RT: 27.416 min Scan# 6129
 Delta R.T. -0.014 min
 Lab File: BN022243.D
 Acq: 20 Oct 2022 20:59

Tgt Ion: 276 Resp: 10476
 Ion Ratio Lower Upper
 276 100
 138 32.2 25.2 37.8
 277 25.3 19.9 29.9

