

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022246.D
 Acq On : 21 Oct 2022 10:06
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4320

Quant Time: Oct 21 22:37:27 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)

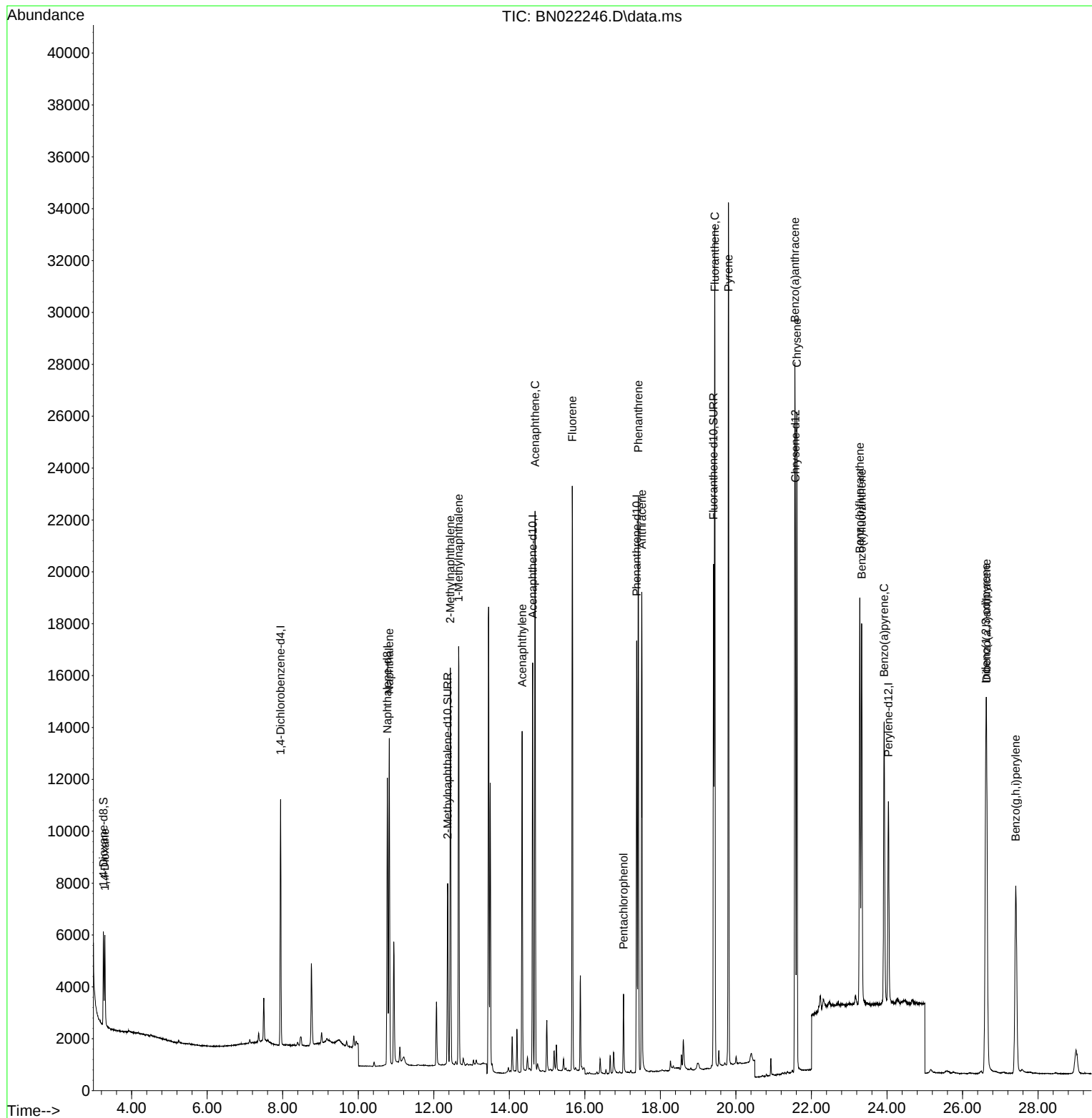
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4693	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14751	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	8539	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	18015	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	14072	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	11236	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	2270	0.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	8939	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	19639	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.291	88	2376	0.379	ng/ul#	70
5) Naphthalene	10.822	128	16931	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.438	142	10913	0.398	ng/ul	100
8) 1-Methylnaphthalene	12.658	142	11193	0.396	ng/ul	100
10) Acenaphthylene	14.341	152	15280	0.399	ng/ul	100
11) Acenaphthene	14.683	153	12389	0.383	ng/ul	99
12) Fluorene	15.669	166	14120	0.376	ng/ul	100
14) Pentachlorophenol	17.024	266	2066	0.482	ng/ul	99
15) Phenanthrene	17.416	178	23142	0.383	ng/ul	99
16) Anthracene	17.509	178	20650	0.405	ng/ul	100
19) Fluoranthene	19.440	202	25893	0.402	ng/ul	100
20) Pyrene	19.802	202	26424	0.408	ng/ul	99
21) Benzo(a)anthracene	21.561	228	21814	0.414	ng/ul	99
22) Chrysene	21.614	228	21520	0.385	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	20644	0.366	ng/ul	98
25) Benzo(k)fluoranthene	23.330	252	19742	0.360	ng/ul	98
26) Benzo(a)pyrene	23.926	252	16773	0.373	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.618	276	19988	0.357	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.638	278	15790	0.353	ng/ul	99
29) Benzo(g,h,i)perylene	27.410	276	16492	0.362	ng/ul	99

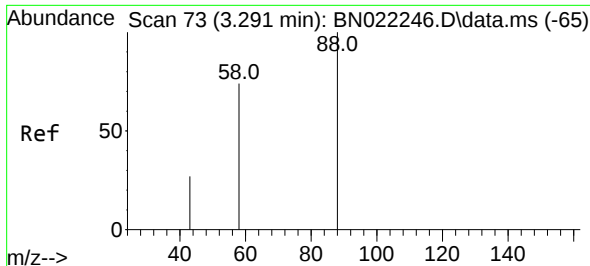
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022246.D
Acq On : 21 Oct 2022 10:06
Operator : CG/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

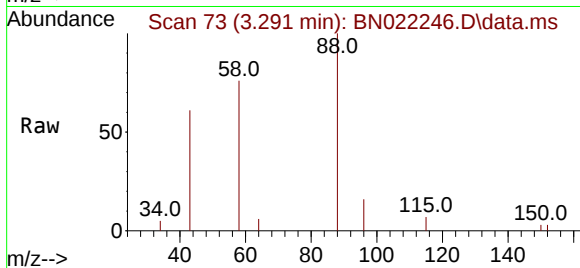
Quant Time: Oct 21 22:37:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration



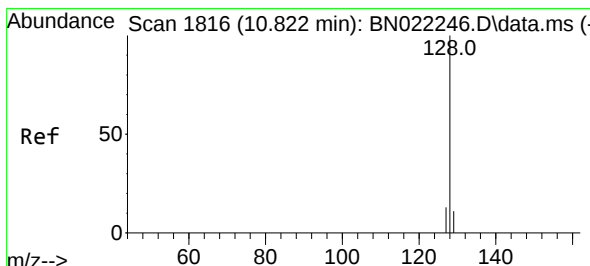
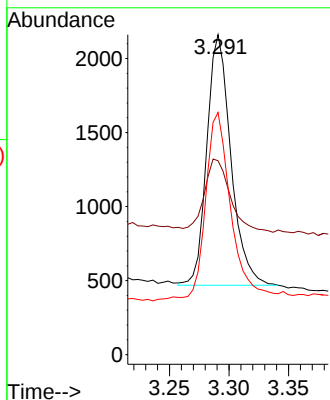
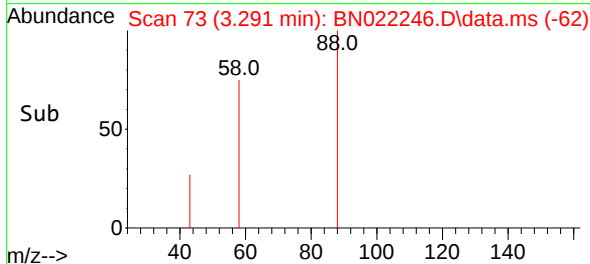


#2
1,4-Dioxane
Concen: 0.379 ng/ul
RT: 3.291 min Scan# 73
Delta R.T. -0.004 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

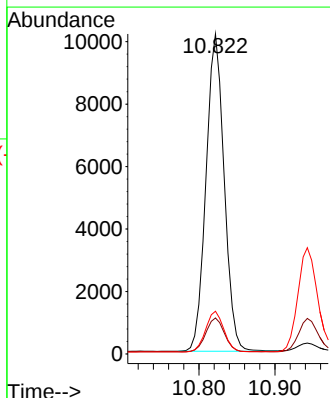
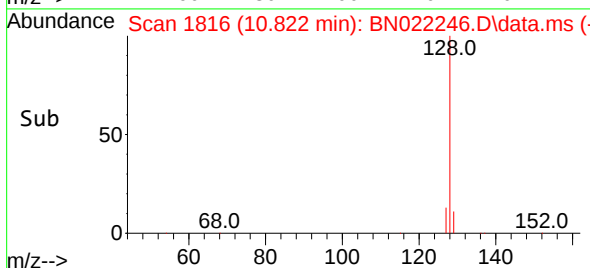
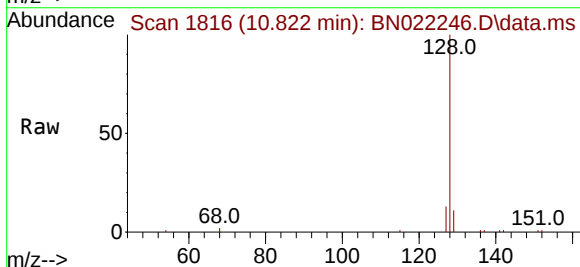


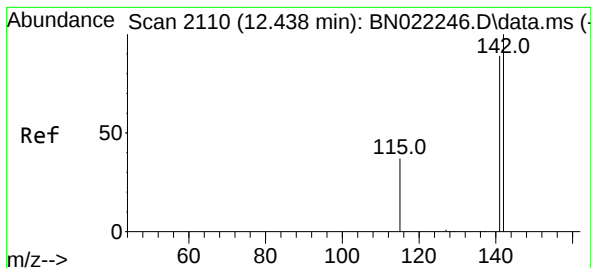
Tgt Ion: 88 Resp: 2376
Ion Ratio Lower Upper
88 100
43 60.6 27.4 41.2#
58 75.7 48.2 72.2#



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.010 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Tgt Ion: 128 Resp: 16931
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.7 16.1

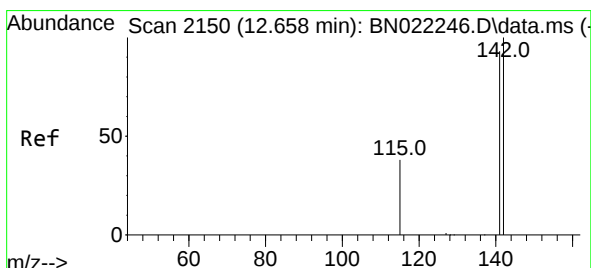
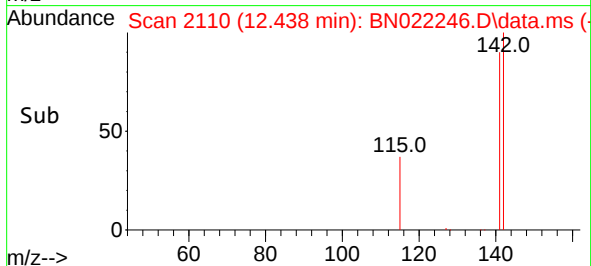
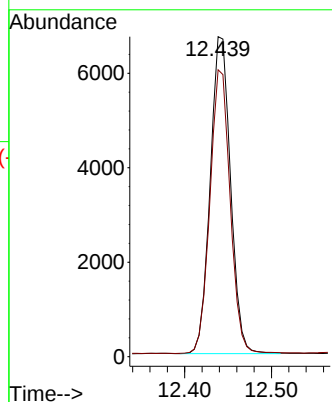
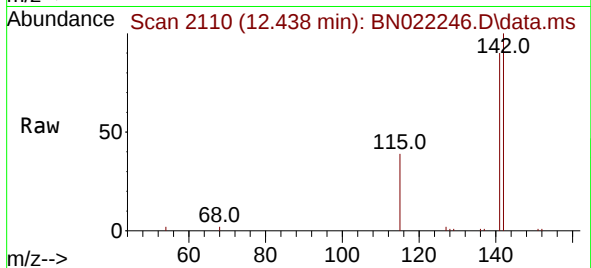




#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.438 min Scan# 2110
Delta R.T. -0.010 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

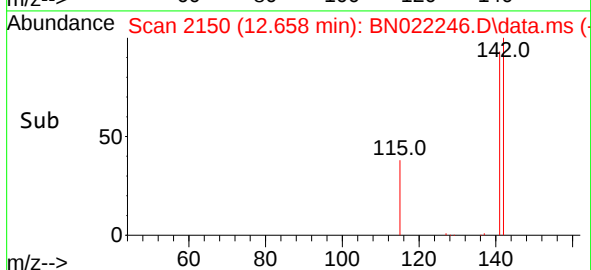
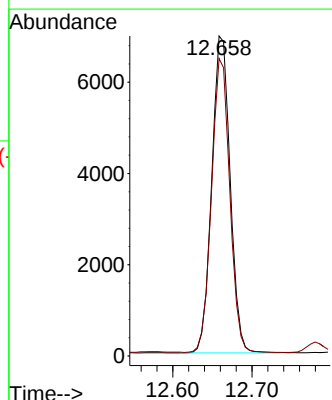
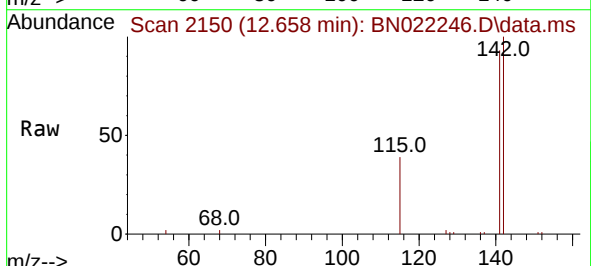
Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

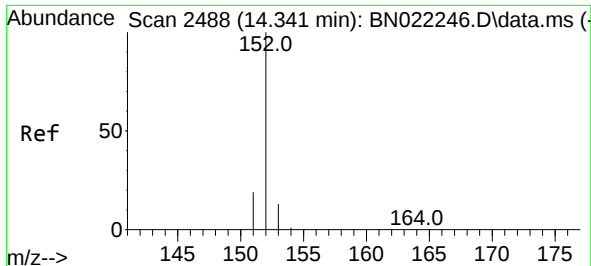
Tgt Ion:142 Resp: 10913
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.658 min Scan# 2150
Delta R.T. -0.010 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Tgt Ion:142 Resp: 11193
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

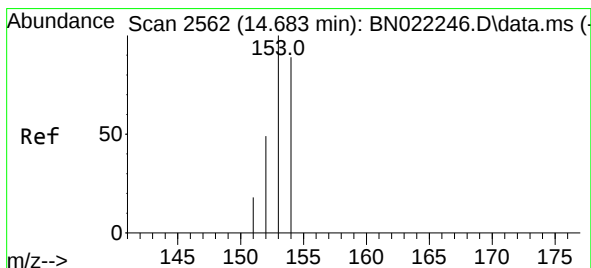
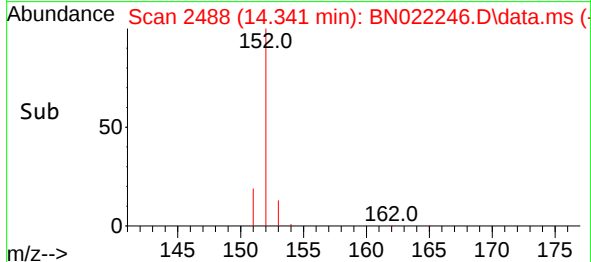
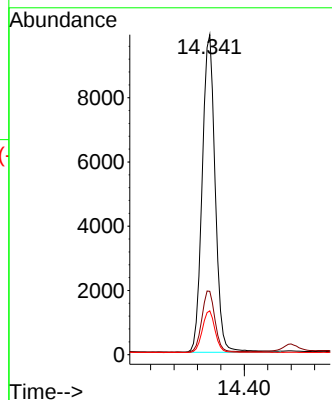
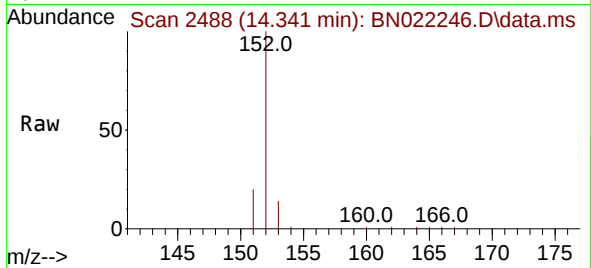




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

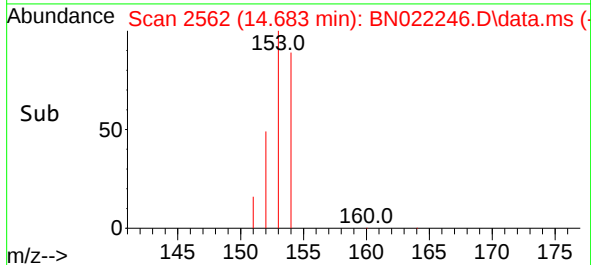
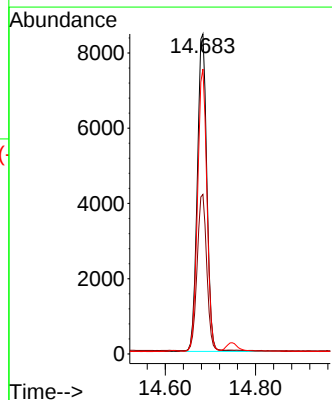
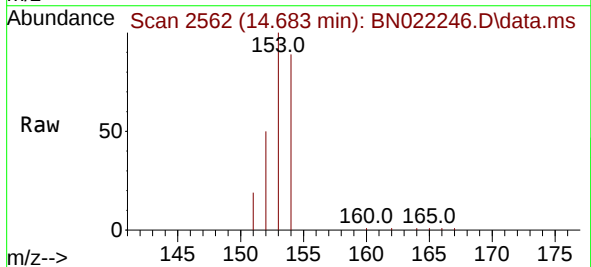
Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

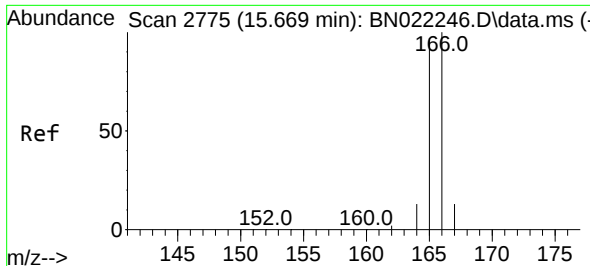
Tgt Ion:152 Resp: 15280
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Tgt Ion:153 Resp: 12389
Ion Ratio Lower Upper
153 100
152 49.9 40.6 61.0
154 89.1 70.6 106.0

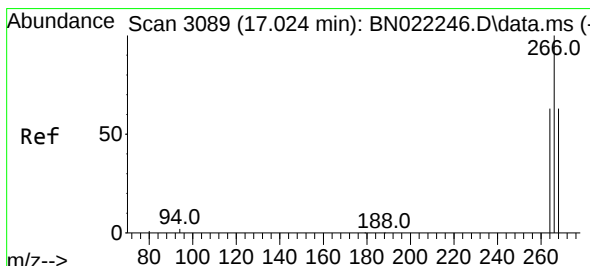
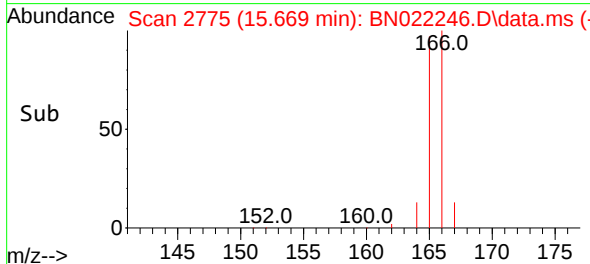
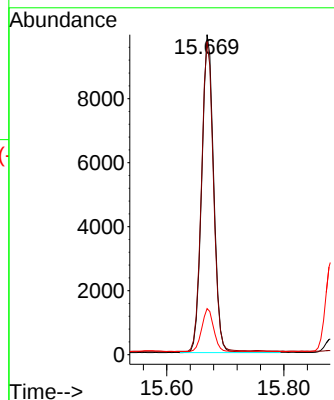
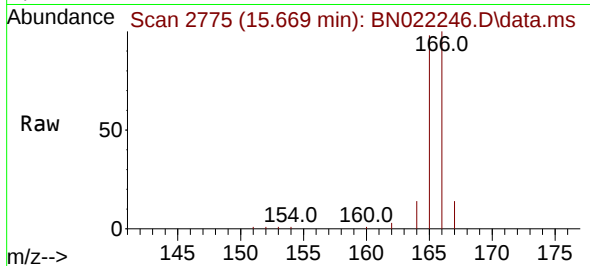




#12
 Fluorene
 Concen: 0.376 ng/ul
 RT: 15.669 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN022246.D
 Acq: 21 Oct 2022 10:06

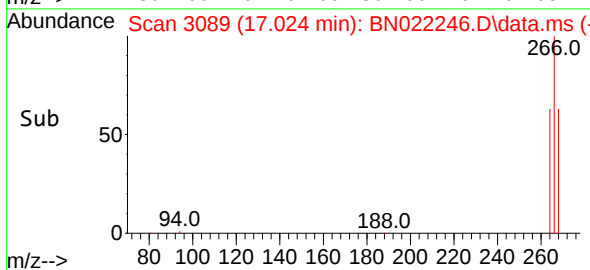
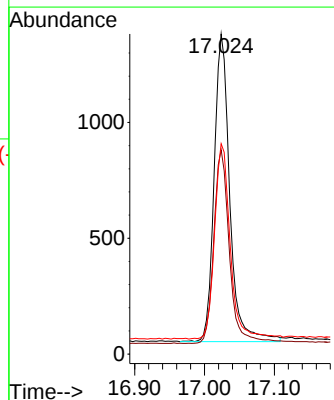
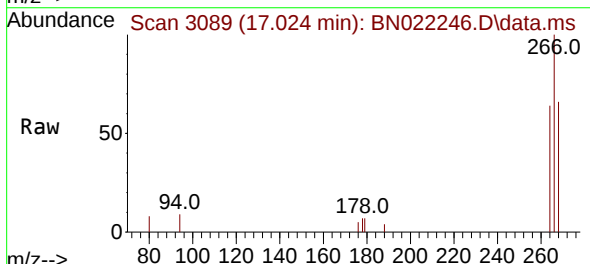
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4320

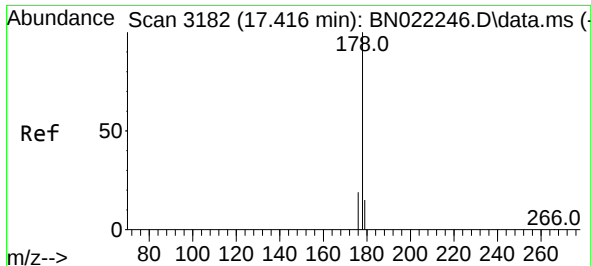
Tgt Ion:166 Resp: 14120
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.2 117.2
 167 14.4 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.482 ng/ul
 RT: 17.024 min Scan# 3089
 Delta R.T. -0.007 min
 Lab File: BN022246.D
 Acq: 21 Oct 2022 10:06

Tgt Ion:266 Resp: 2066
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.8 74.6
 268 63.9 51.4 77.2

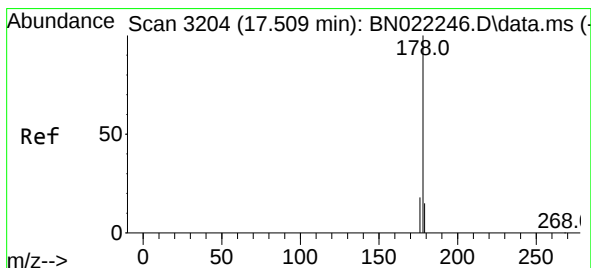
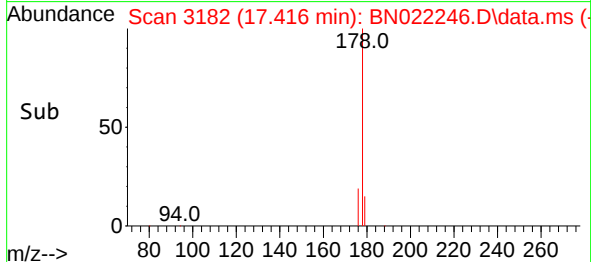
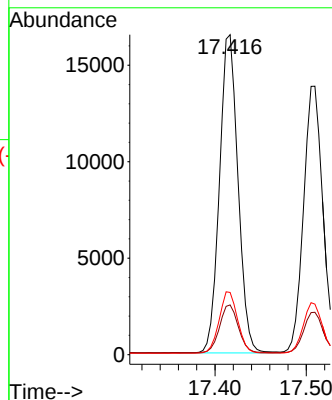
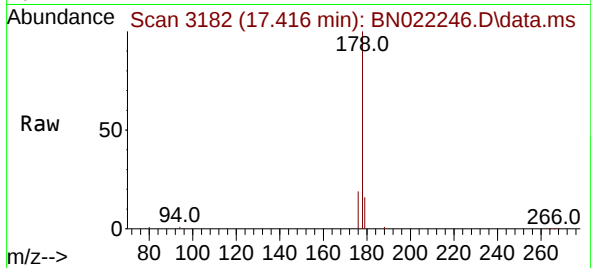




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.416 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

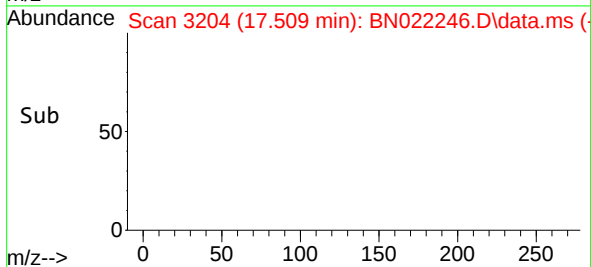
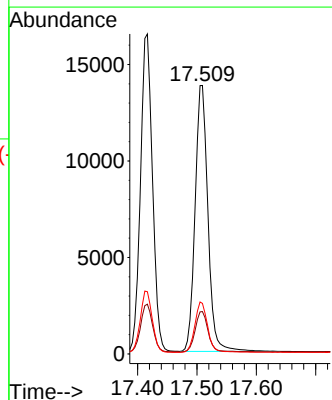
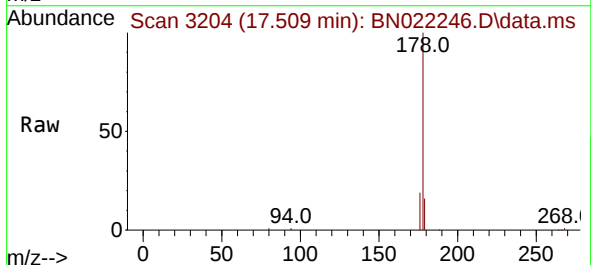
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ClientSampleId :
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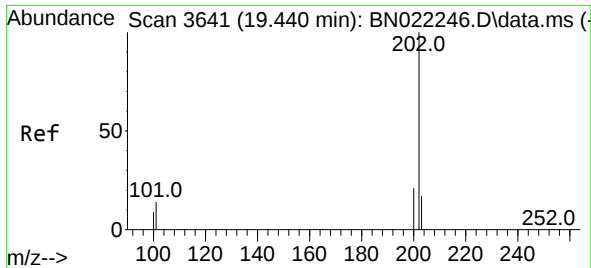
Tgt Ion:178 Resp: 23142
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Tgt Ion:178 Resp: 20650
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.8 15.0 22.6

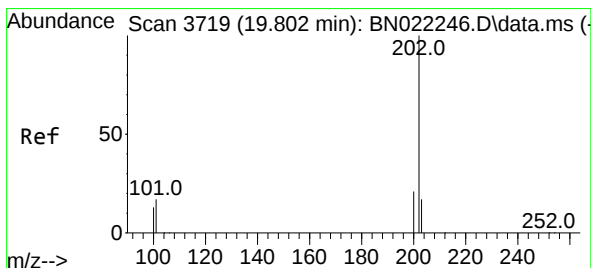
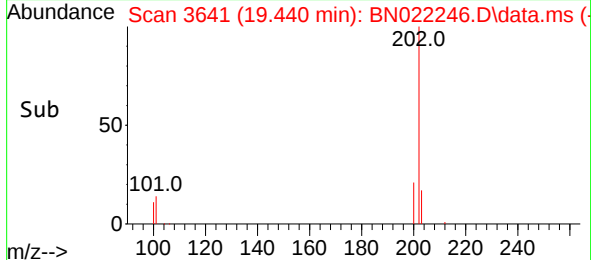
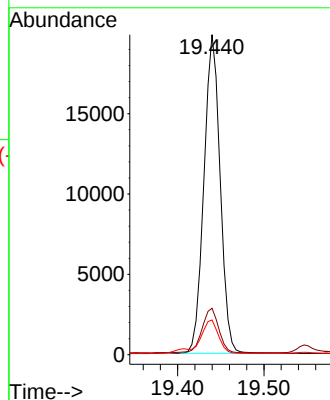
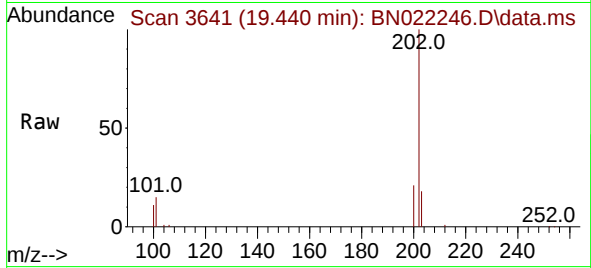




#19
Fluoranthene
Concen: 0.402 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

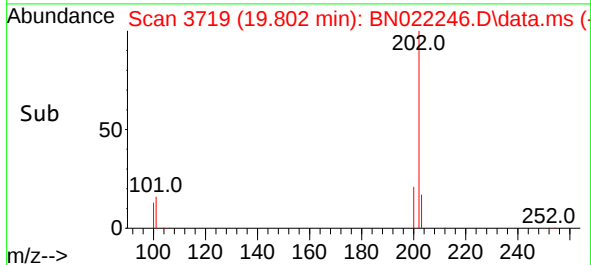
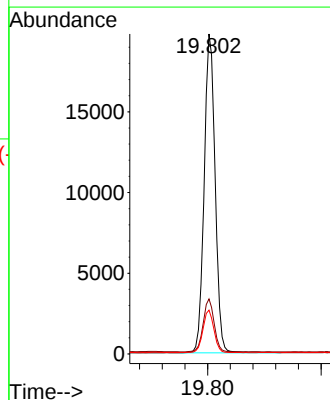
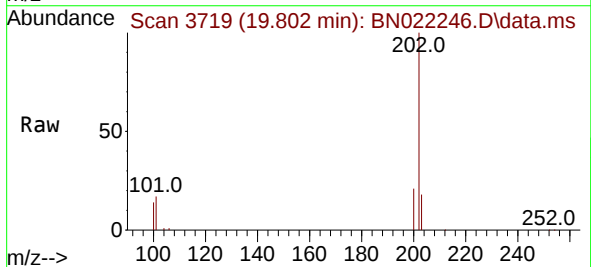
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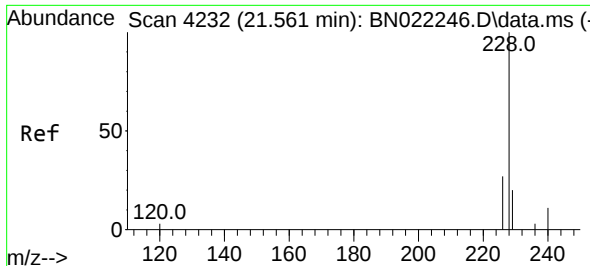
Tgt Ion:202 Resp: 25893
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 10.8 8.7 13.1



#20
Pyrene
Concen: 0.408 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.008 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Tgt Ion:202 Resp: 26424
Ion Ratio Lower Upper
202 100
101 17.2 13.1 19.7
100 13.7 10.6 16.0

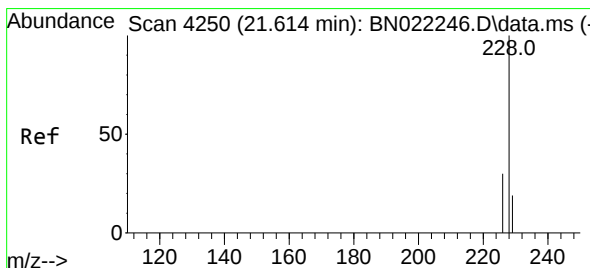
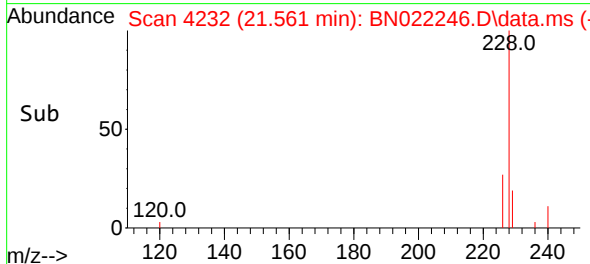
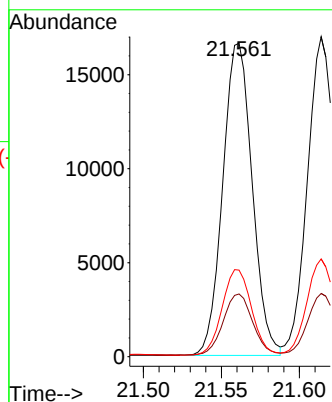
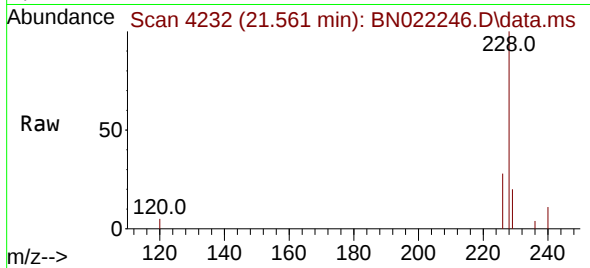




#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.561 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

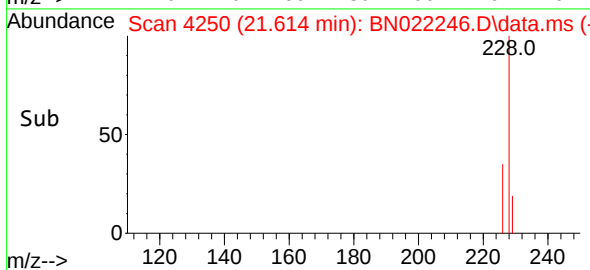
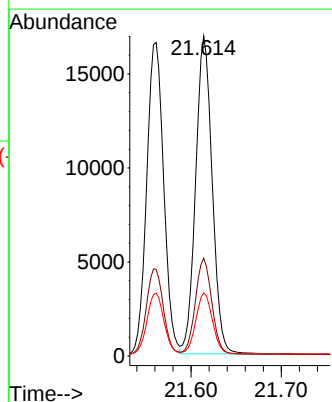
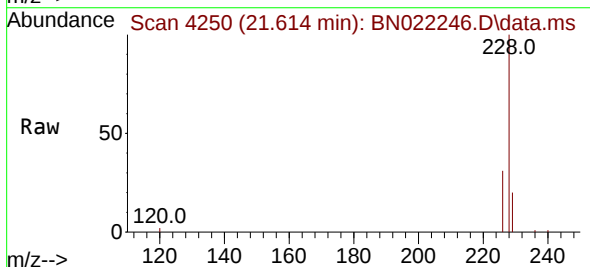
Instrument :
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ClientSampleId :
SSTD0.4320

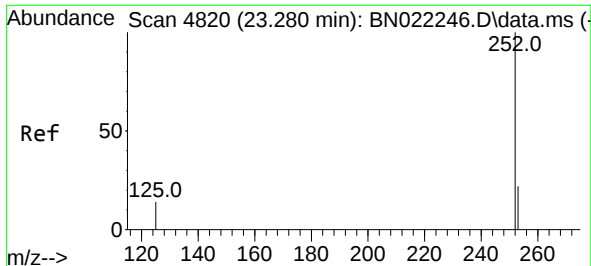
Tgt Ion:228 Resp: 21814
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Tgt Ion:228 Resp: 21520
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.7 15.9 23.9

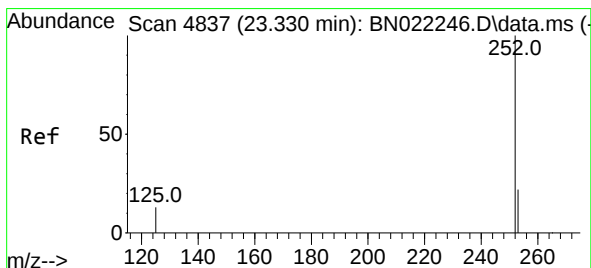
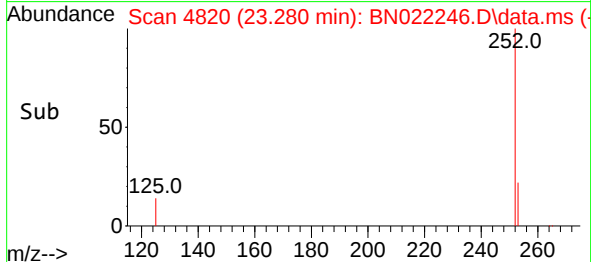
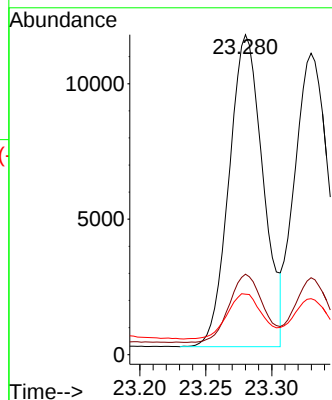
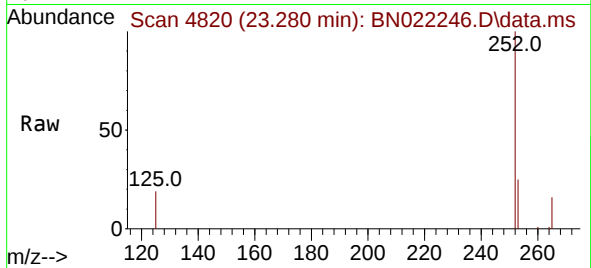




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

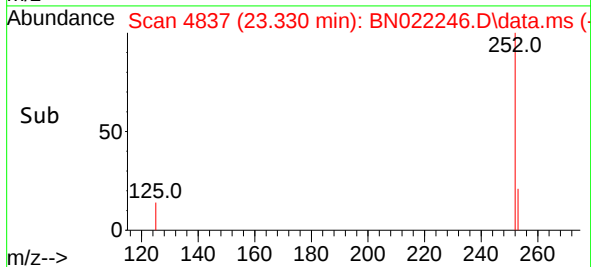
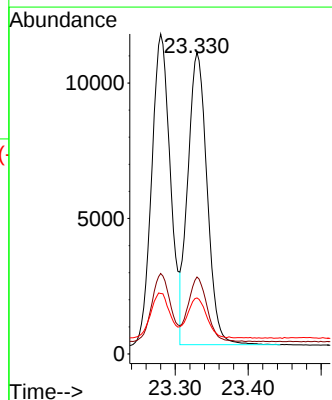
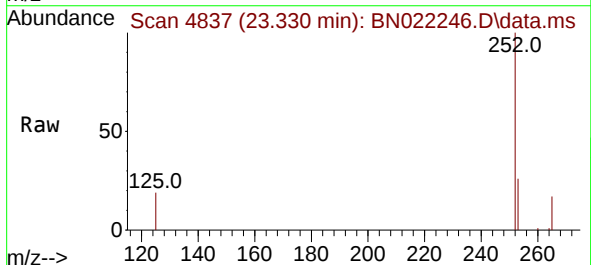
Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

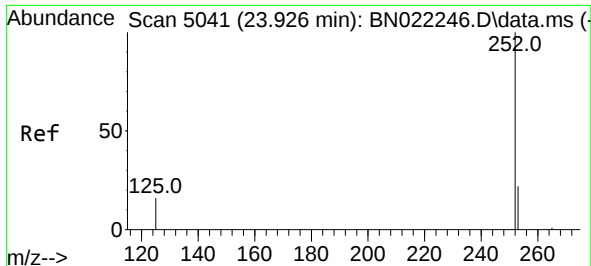
Tgt Ion:252 Resp: 20644
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.0
125 18.9 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

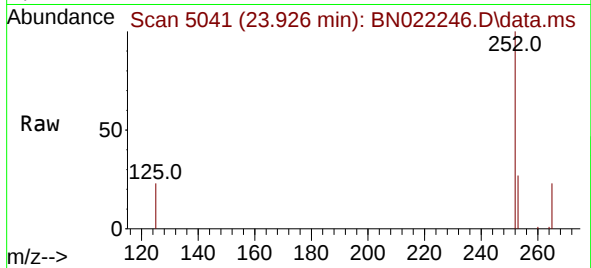
Tgt Ion:252 Resp: 19742
Ion Ratio Lower Upper
252 100
253 25.5 19.7 29.5
125 18.6 14.0 21.0



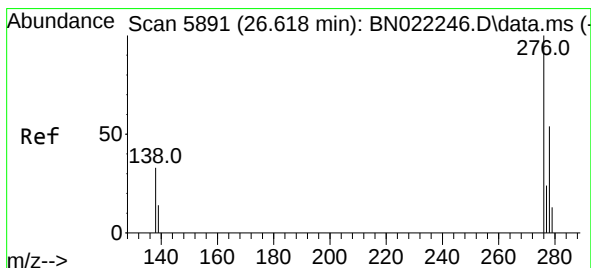
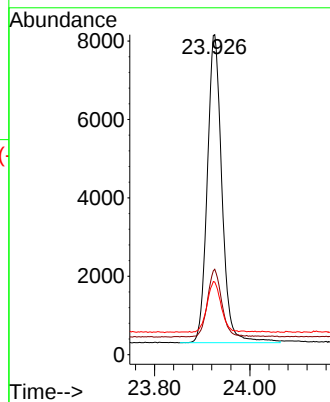
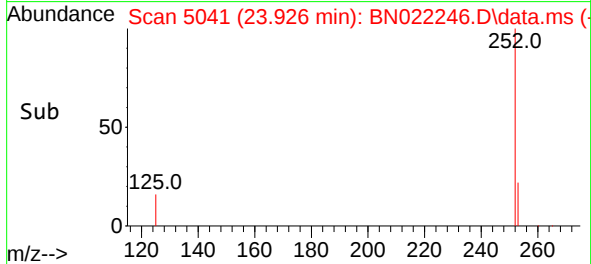


#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

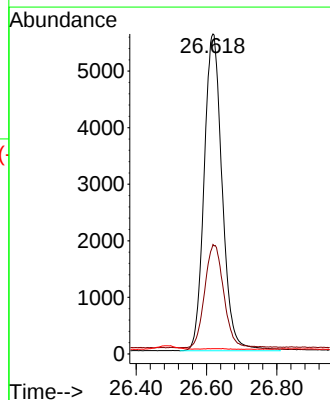
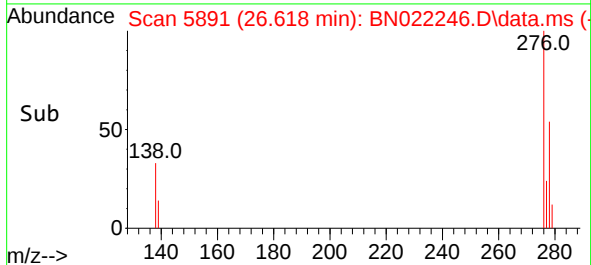
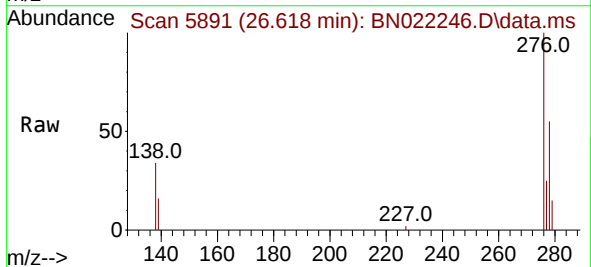


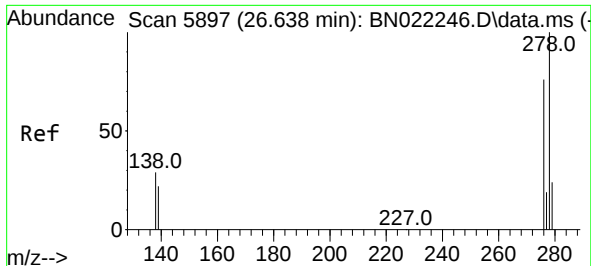
Tgt Ion:	252	Resp:	16773
Ion Ratio	Lower	Upper	
252	100		
253	26.7	21.0	31.6
125	22.7	17.9	26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Tgt Ion:	276	Resp:	19988
Ion Ratio	Lower	Upper	
276	100		
138	34.4	27.7	41.5
227	0.0	0.2	0.2

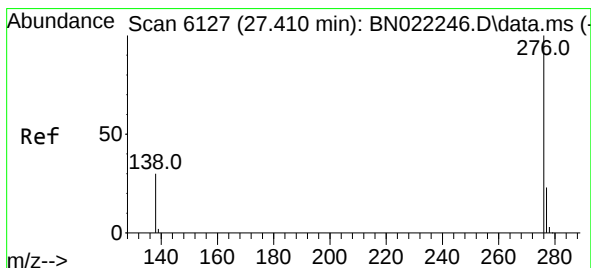
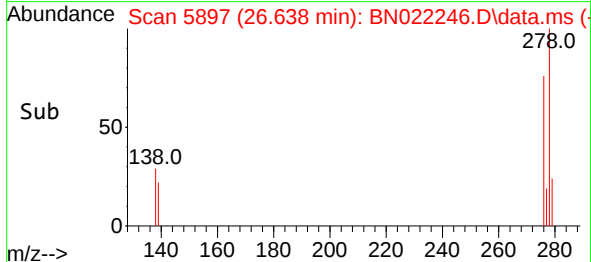
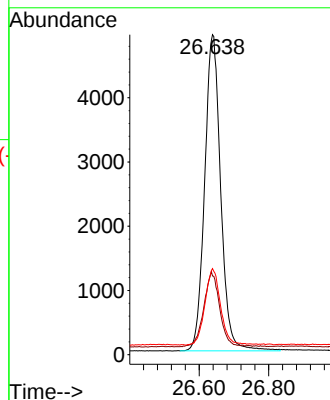
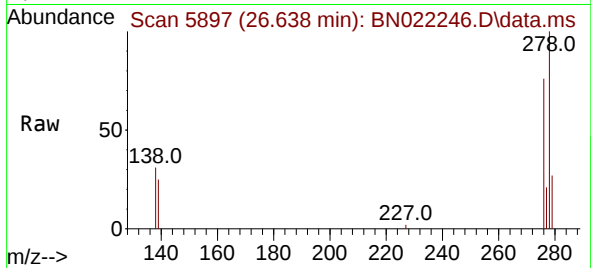




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.638 min Scan# 5897
Delta R.T. -0.017 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

Tgt Ion:278 Resp: 15790
Ion Ratio Lower Upper
278 100
139 24.6 19.6 29.4
279 26.9 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 27.410 min Scan# 6127
Delta R.T. -0.021 min
Lab File: BN022246.D
Acq: 21 Oct 2022 10:06

Tgt Ion:276 Resp: 16492
Ion Ratio Lower Upper
276 100
138 31.9 25.2 37.8
277 24.5 19.9 29.9

