

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022223\
 Data File : BN024082.D
 Acq On : 22 Feb 2023 09:26
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4385

Quant Time: Feb 23 02:34:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 14:45:13 2023
 Response via : Initial Calibration

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

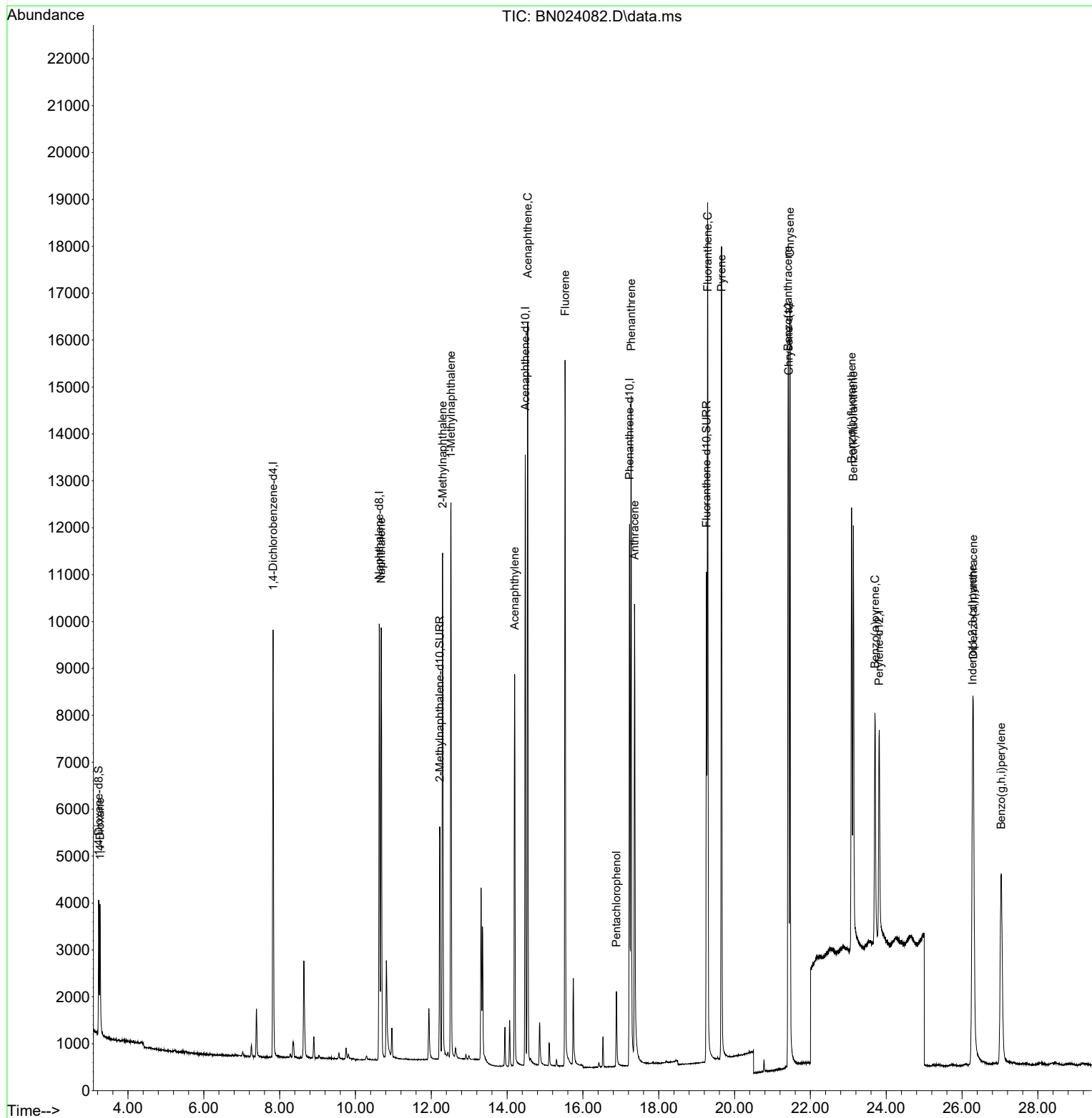
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	12447	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.479	164	6926	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	13715	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.426	240	9596	0.400	ng/ul	# 0.00
23) Perylene-d12	23.814	264	6703	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	1885	0.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	6394	0.328	ng/ul	-0.01
18) Fluoranthene-d10	19.258	212	12162	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.265	88	1969	0.367	ng/ul#	84
5) Naphthalene	10.678	128	12575	0.369	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	7767	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	7998	0.353	ng/ul	99
10) Acenaphthylene	14.197	152	9776	0.369	ng/ul	99
11) Acenaphthene	14.544	153	8879	0.381	ng/ul	98
12) Fluorene	15.529	166	9844	0.349	ng/ul	98
14) Pentachlorophenol	16.884	266	1171	0.259	ng/ul	99
15) Phenanthrene	17.272	178	15406	0.377	ng/ul	100
16) Anthracene	17.361	178	11996	0.351	ng/ul	98
19) Fluoranthene	19.290	202	16100	0.505	ng/ul	96
20) Pyrene	19.657	202	15783	0.478	ng/ul	96
21) Benzo(a)anthracene	21.412	228	11364	0.349	ng/ul	99
22) Chrysene	21.461	228	13510	0.394	ng/ul	99
24) Benzo(b)fluoranthene	23.086	252	12164	0.411	ng/ul	98
25) Benzo(k)fluoranthene	23.133	252	12271	0.424	ng/ul#	97
26) Benzo(a)pyrene	23.703	252	9123	0.370	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.279	276	12483	0.361	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.295	278	9593	0.347	ng/ul	95
29) Benzo(g,h,i)perylene	27.033	276	11305	0.397	ng/ul	96

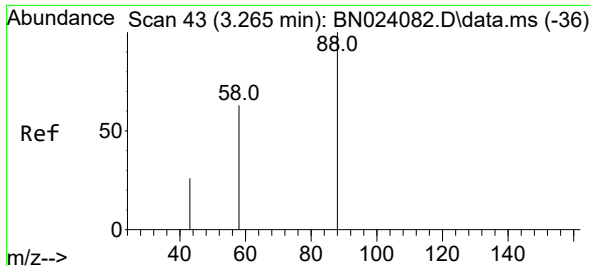
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 23 02:34:25 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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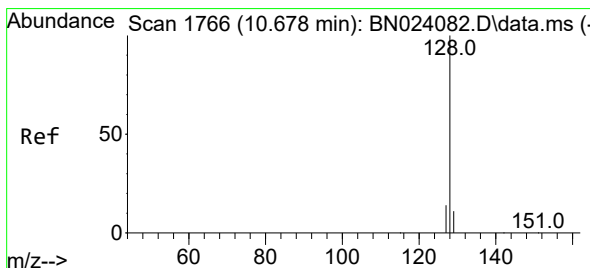
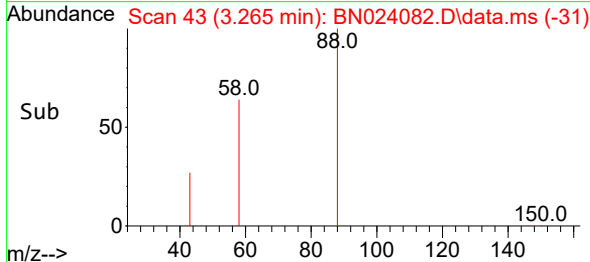
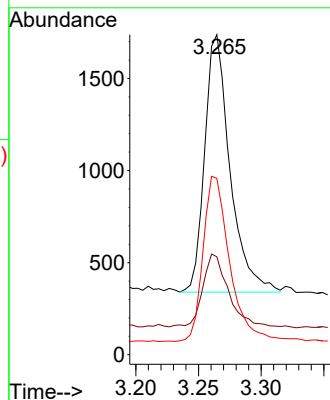
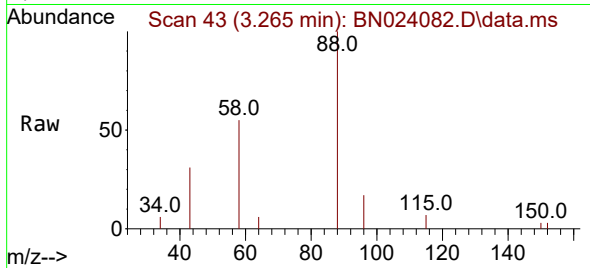




#2
1,4-Dioxane
Concen: 0.367 ng/ul
RT: 3.265 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

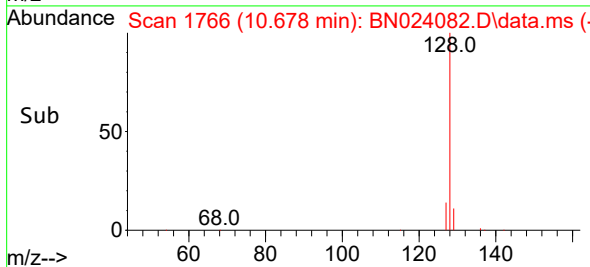
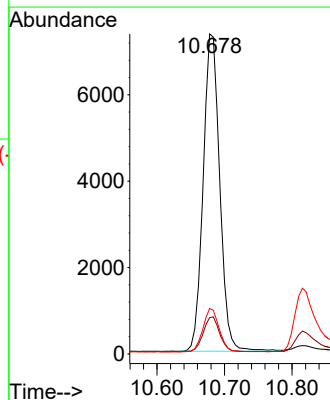
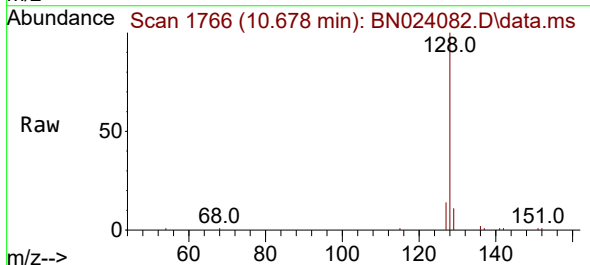
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

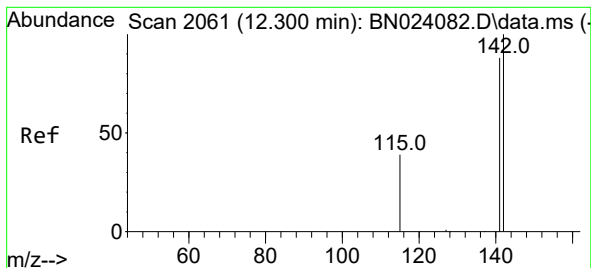
Tgt Ion: 88 Resp: 1969
Ion Ratio Lower Upper
88 100
43 30.6 41.9 62.9#
58 55.1 45.6 68.4



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

Tgt Ion: 128 Resp: 12575
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 14.2 11.1 16.7

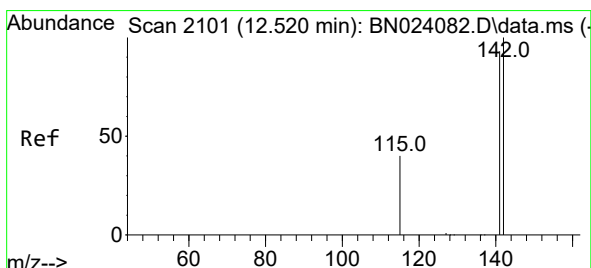
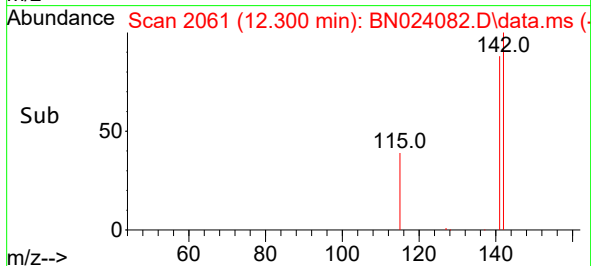
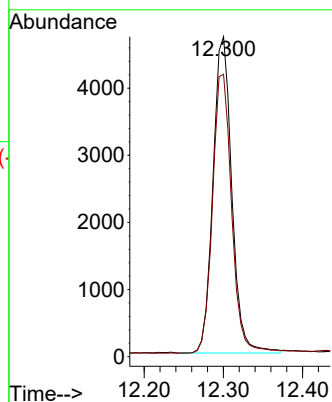
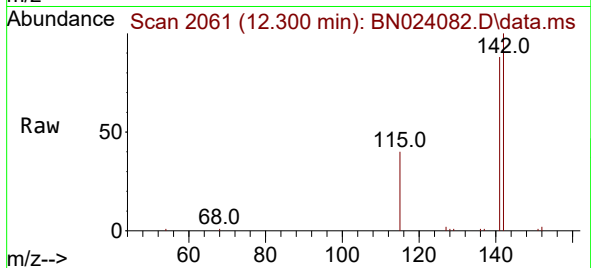




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

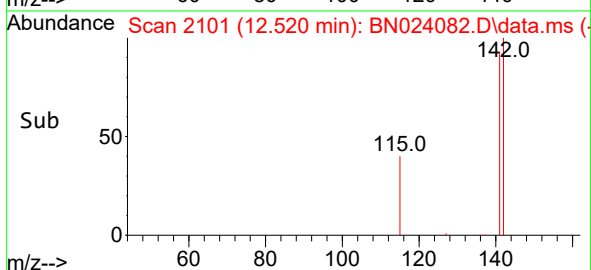
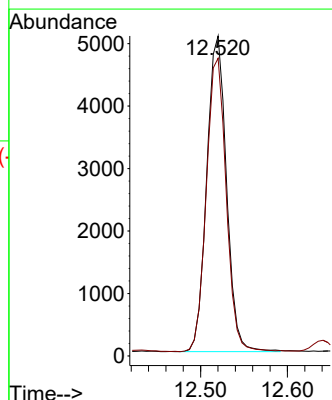
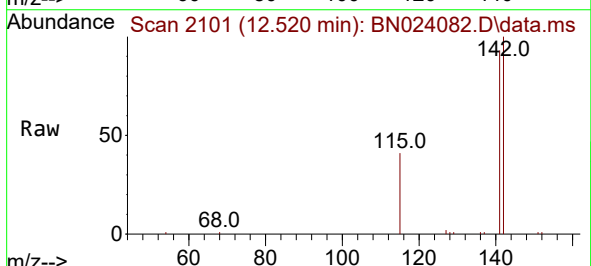
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

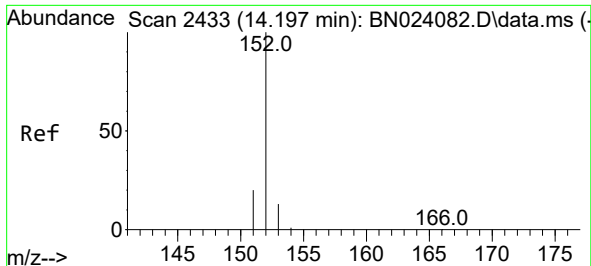
Tgt Ion:142 Resp: 7767
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

Tgt Ion:142 Resp: 7998
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

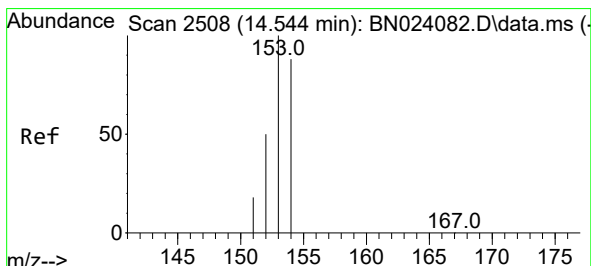
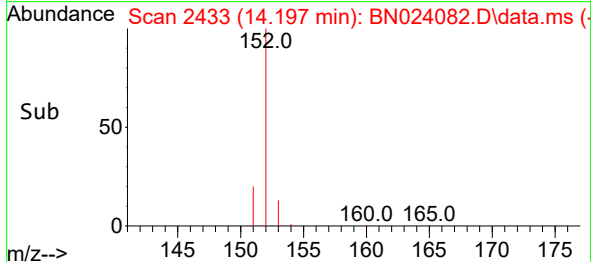
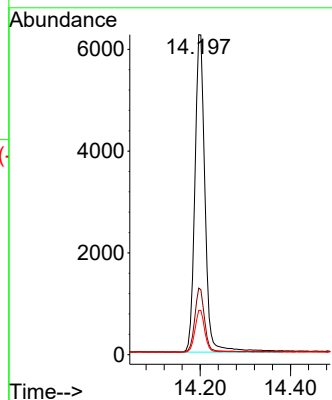
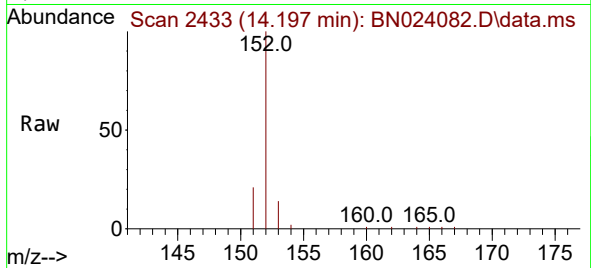




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. -0.014 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

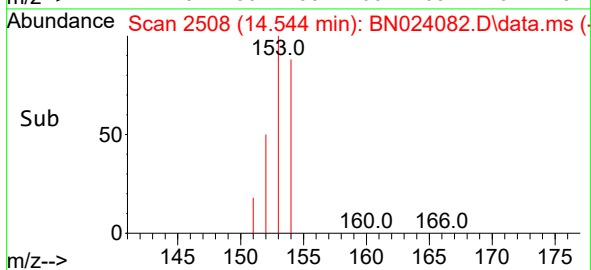
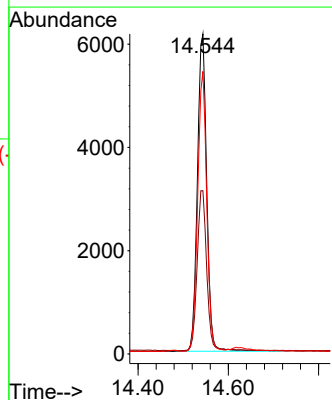
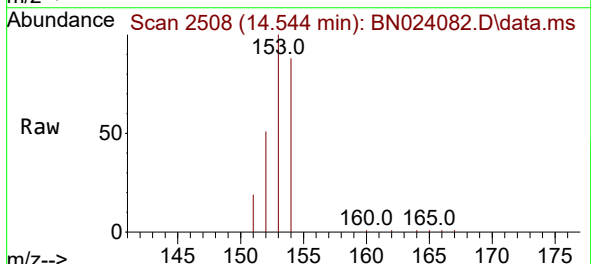
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

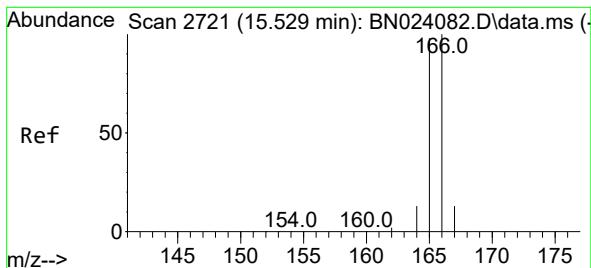
Tgt Ion:152 Resp: 9776
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.4
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

Tgt Ion:153 Resp: 8879
Ion Ratio Lower Upper
153 100
152 51.0 39.6 59.4
154 88.3 68.8 103.2





#12

Fluorene

Concen: 0.349 ng/ul

RT: 15.529 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN024082.D

Acq: 22 Feb 2023 09:26

Instrument :

BNA_N

ClientSampleId :

SSTD0.4385

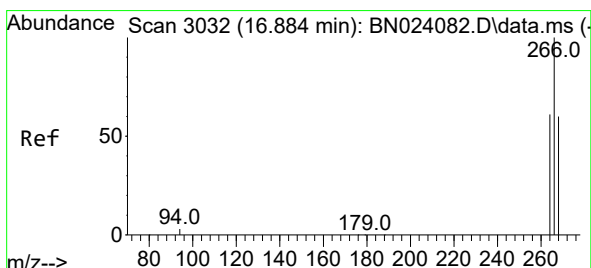
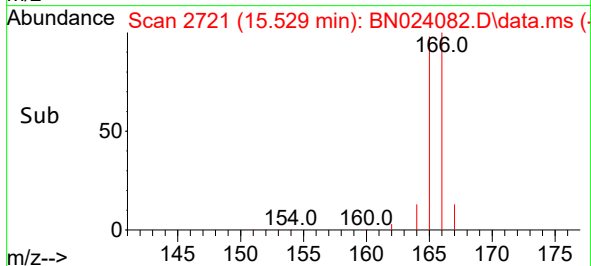
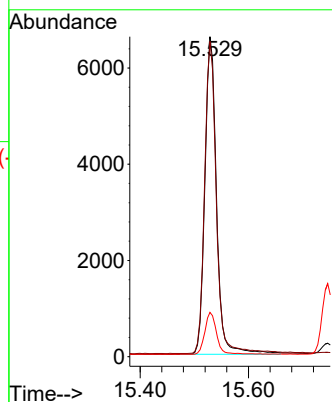
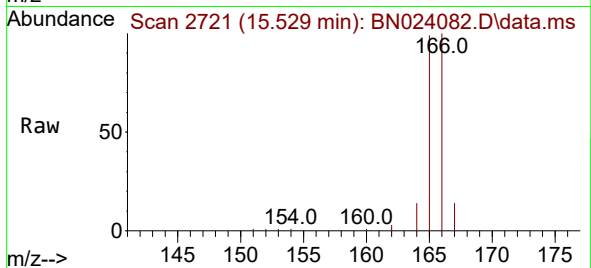
Tgt Ion:166 Resp: 9844

Ion Ratio Lower Upper

166 100

165 98.5 77.4 116.2

167 13.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.259 ng/ul

RT: 16.884 min Scan# 3032

Delta R.T. -0.008 min

Lab File: BN024082.D

Acq: 22 Feb 2023 09:26

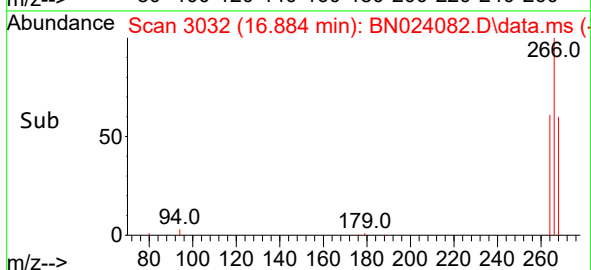
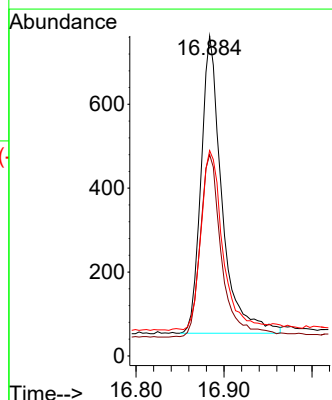
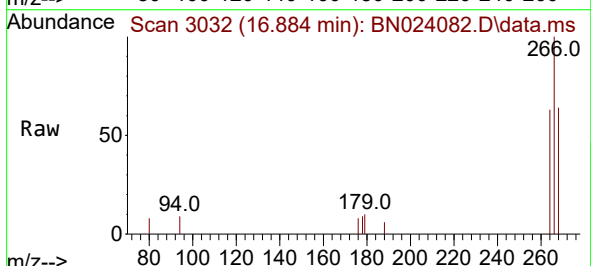
Tgt Ion:266 Resp: 1171

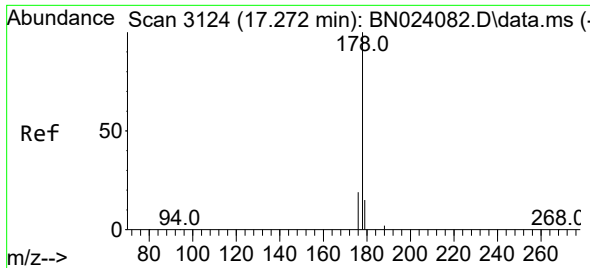
Ion Ratio Lower Upper

266 100

264 63.4 49.4 74.0

268 64.9 52.0 78.0

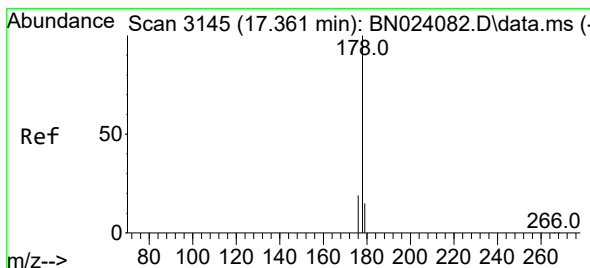
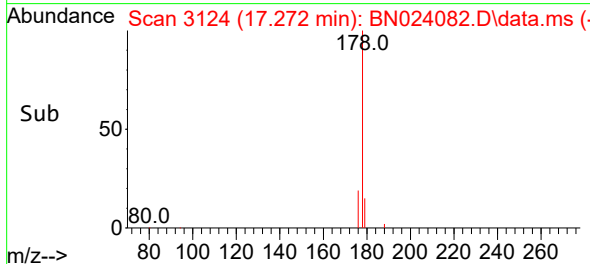
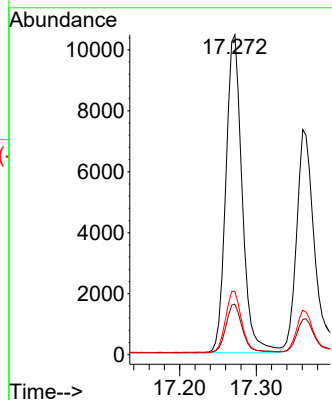
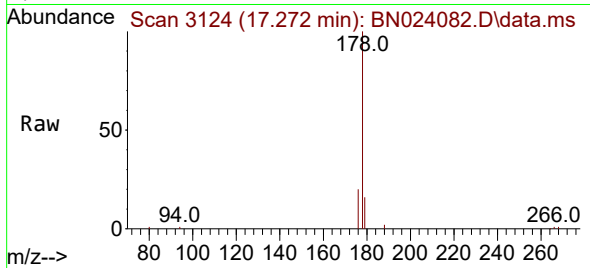




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. -0.008 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

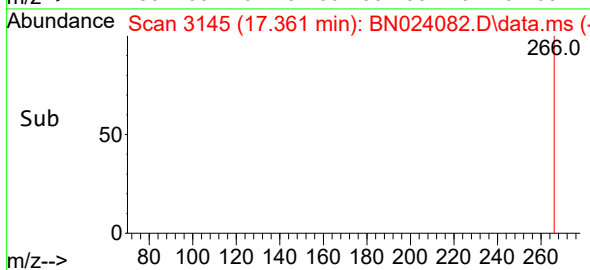
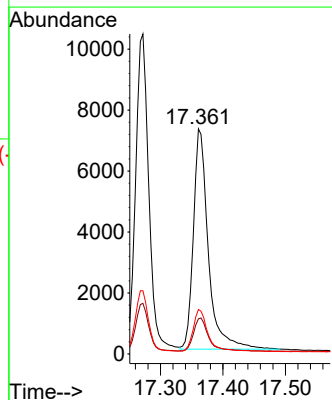
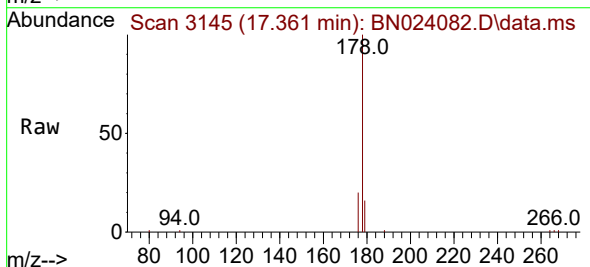
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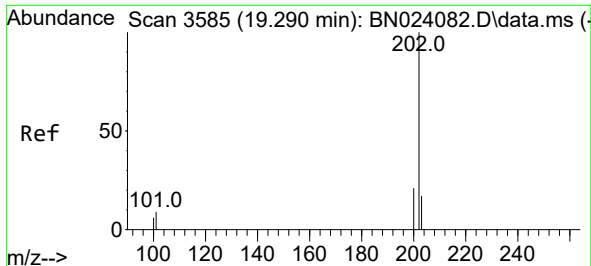
Tgt Ion:178 Resp: 15406
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

Tgt Ion:178 Resp: 11996
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.0
176 19.7 15.4 23.2





#19

Fluoranthene

Concen: 0.505 ng/ul

RT: 19.290 min Scan# 3585

Delta R.T. -0.009 min

Lab File: BN024082.D

Acq: 22 Feb 2023 09:26

Instrument :

BNA_N

ClientSampleId :

SSTD0.4385

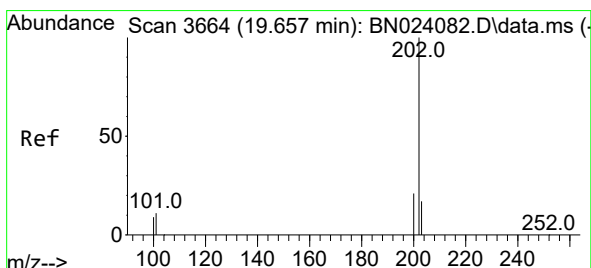
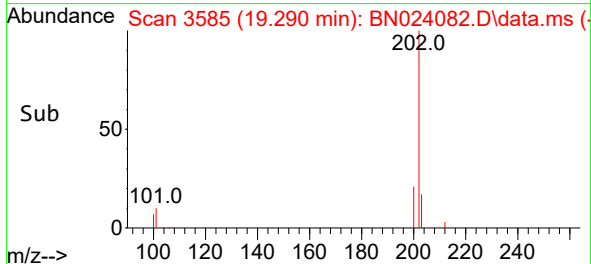
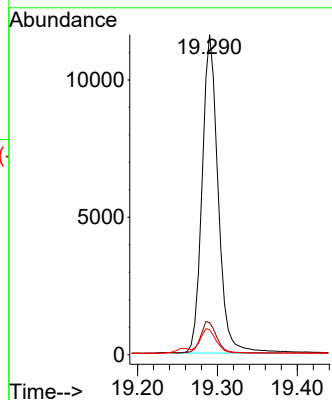
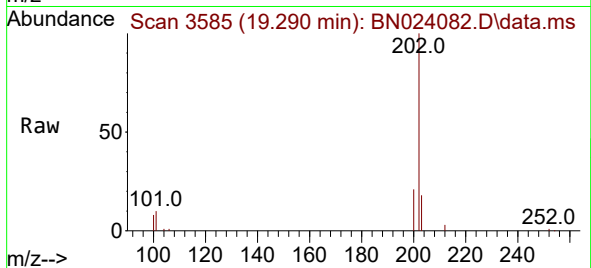
Tgt Ion:202 Resp: 16100

Ion Ratio Lower Upper

202 100

101 10.0 6.8 10.2

100 7.8 5.2 7.8



#20

Pyrene

Concen: 0.478 ng/ul

RT: 19.657 min Scan# 3664

Delta R.T. -0.005 min

Lab File: BN024082.D

Acq: 22 Feb 2023 09:26

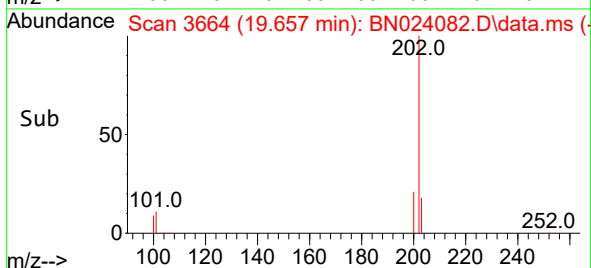
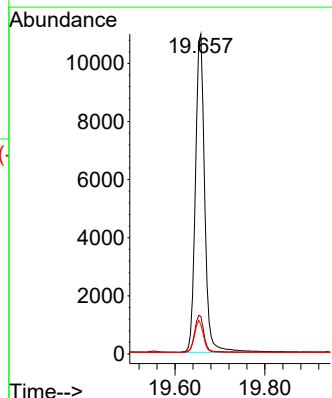
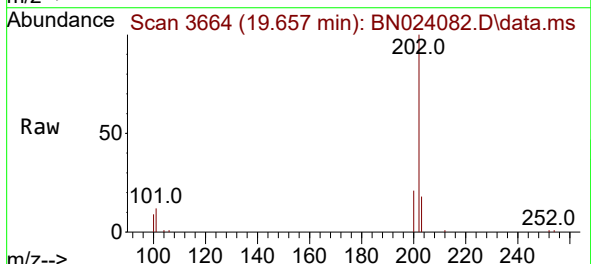
Tgt Ion:202 Resp: 15783

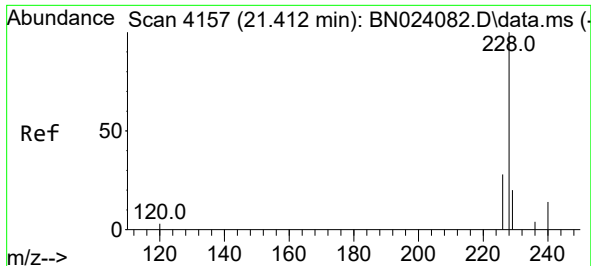
Ion Ratio Lower Upper

202 100

101 11.7 8.1 12.1

100 9.2 6.2 9.4

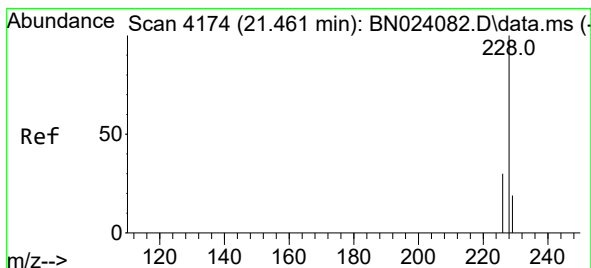
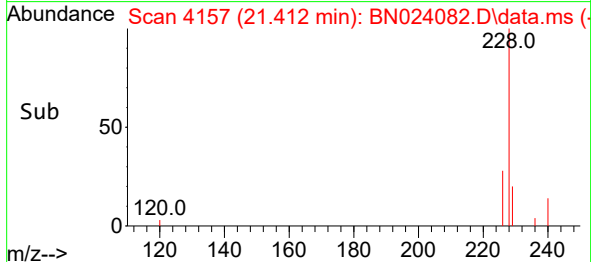
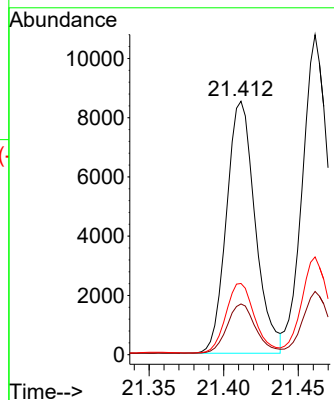
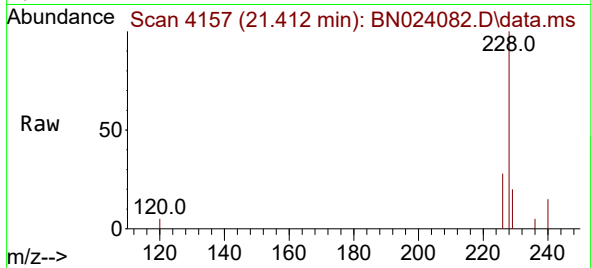




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.412 min Scan# 4157
Delta R.T. 0.000 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

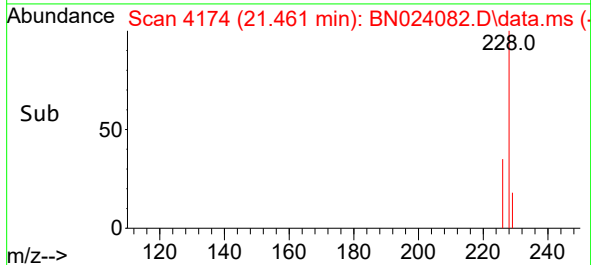
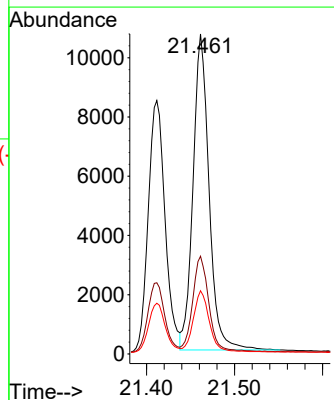
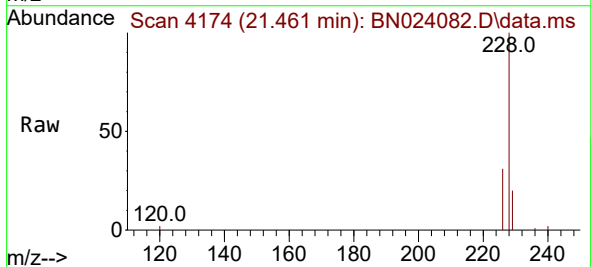
Instrument :
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SSTD0.4385

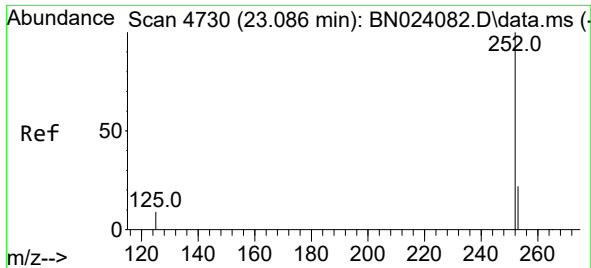
Tgt Ion:228 Resp: 11364
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 28.1 22.0 33.0



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

Tgt Ion:228 Resp: 13510
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.8 15.5 23.3

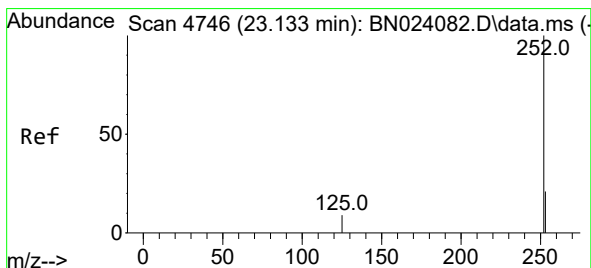
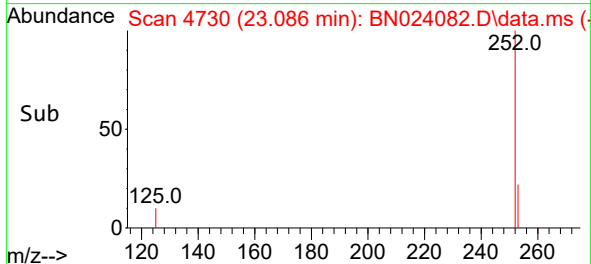
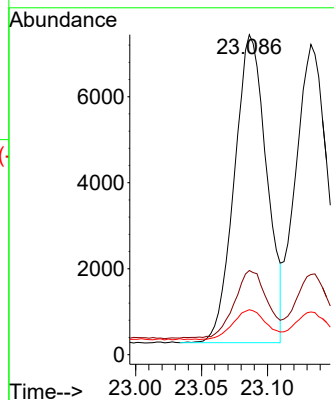
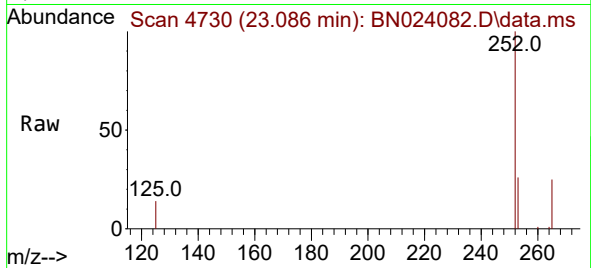




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 23.086 min Scan# 4730
Delta R.T. -0.006 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

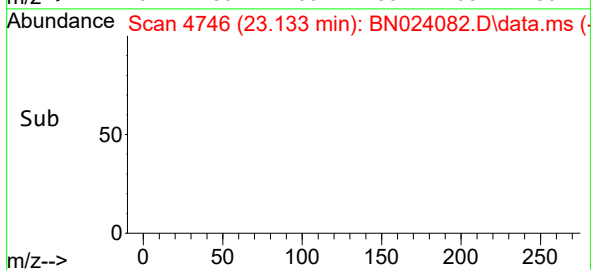
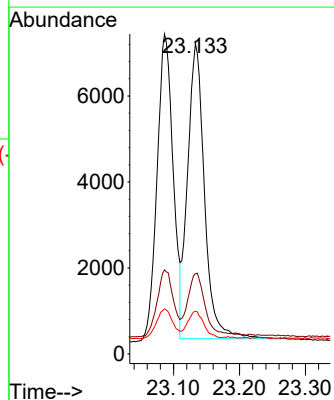
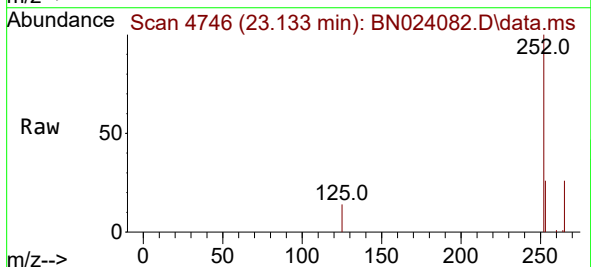
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

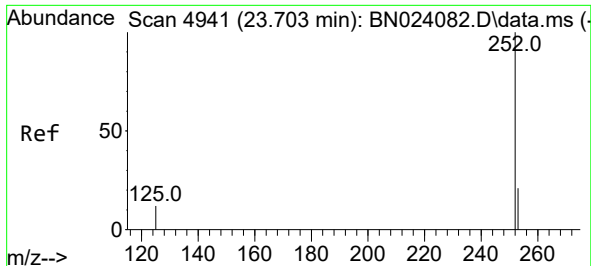
Tgt Ion:252 Resp: 12164
Ion Ratio Lower Upper
252 100
253 26.3 0.0 51.8
125 14.0 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.006 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

Tgt Ion:252 Resp: 12271
Ion Ratio Lower Upper
252 100
253 25.8 20.2 30.2
125 13.8 9.0 13.4#

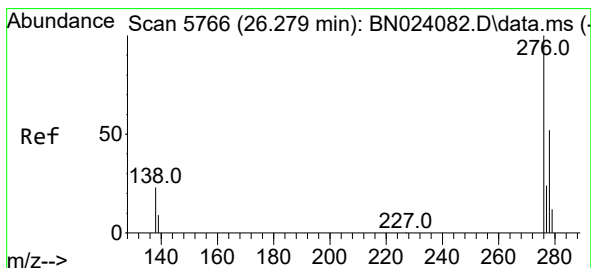
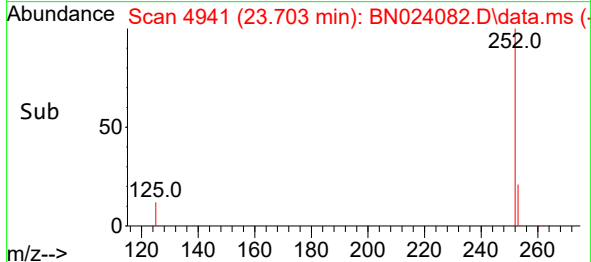
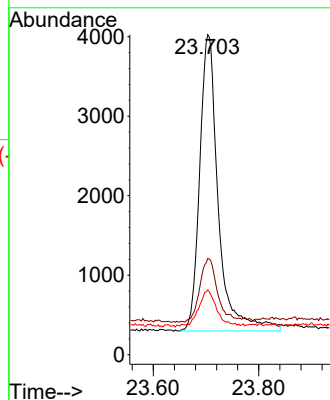
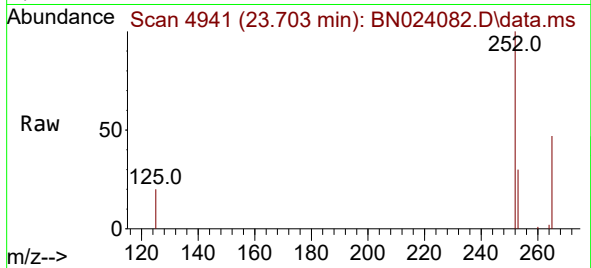




#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.703 min Scan# 4941
Delta R.T. -0.003 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

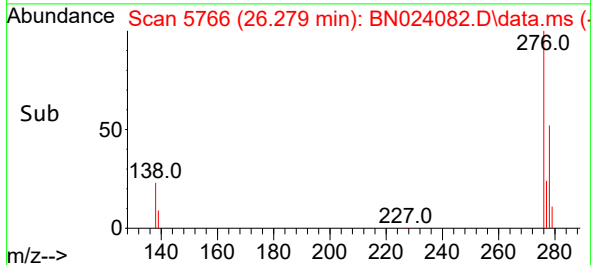
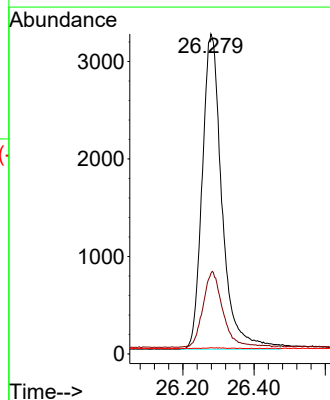
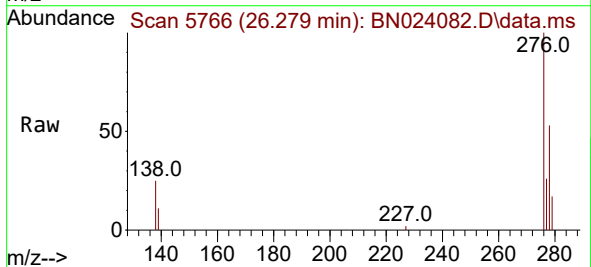
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

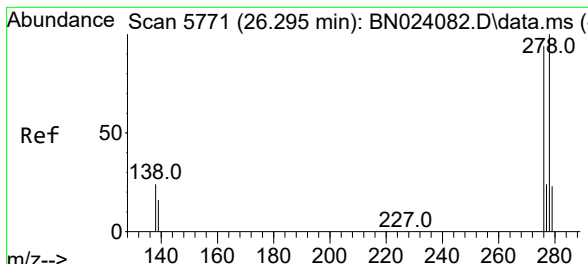
Tgt Ion:252 Resp: 9123
Ion Ratio Lower Upper
252 100
253 30.1 21.5 32.3
125 20.2 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. -0.013 min
Lab File: BN024082.D
Acq: 22 Feb 2023 09:26

Tgt Ion:276 Resp: 12483
Ion Ratio Lower Upper
276 100
138 24.3 17.0 25.6
227 0.2 0.2 0.4#

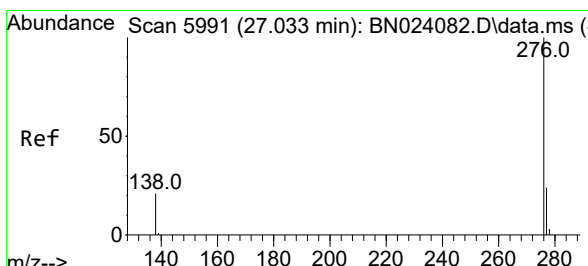
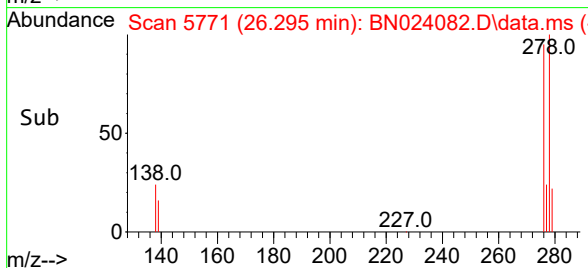
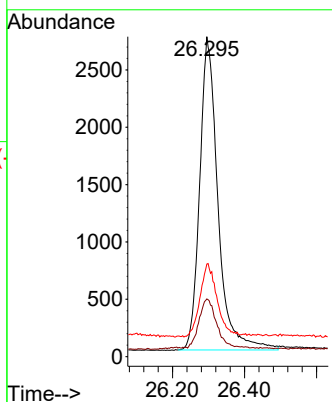
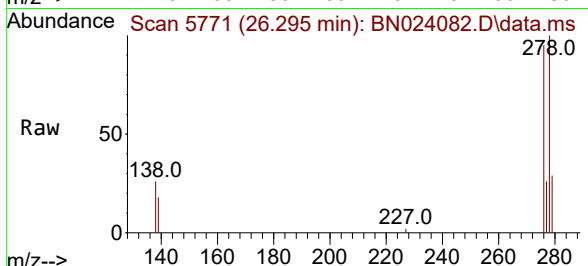




#28
 Dibenzo(a,h)anthracene
 Concen: 0.347 ng/ul
 RT: 26.295 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BN024082.D
 Acq: 22 Feb 2023 09:26

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4385

Tgt Ion:	278	Resp:	9593
Ion Ratio	Lower	Upper	
278	100		
139	18.1	12.3	18.5
279	28.9	21.4	32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.397 ng/ul
 RT: 27.033 min Scan# 5991
 Delta R.T. -0.013 min
 Lab File: BN024082.D
 Acq: 22 Feb 2023 09:26

Tgt Ion:	276	Resp:	11305
Ion Ratio	Lower	Upper	
276	100		
138	22.6	15.3	22.9
277	25.7	19.9	29.9

