

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022223\
 Data File : BN024087.D
 Acq On : 22 Feb 2023 13:57
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4386

Quant Time: Feb 23 02:35:11 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)

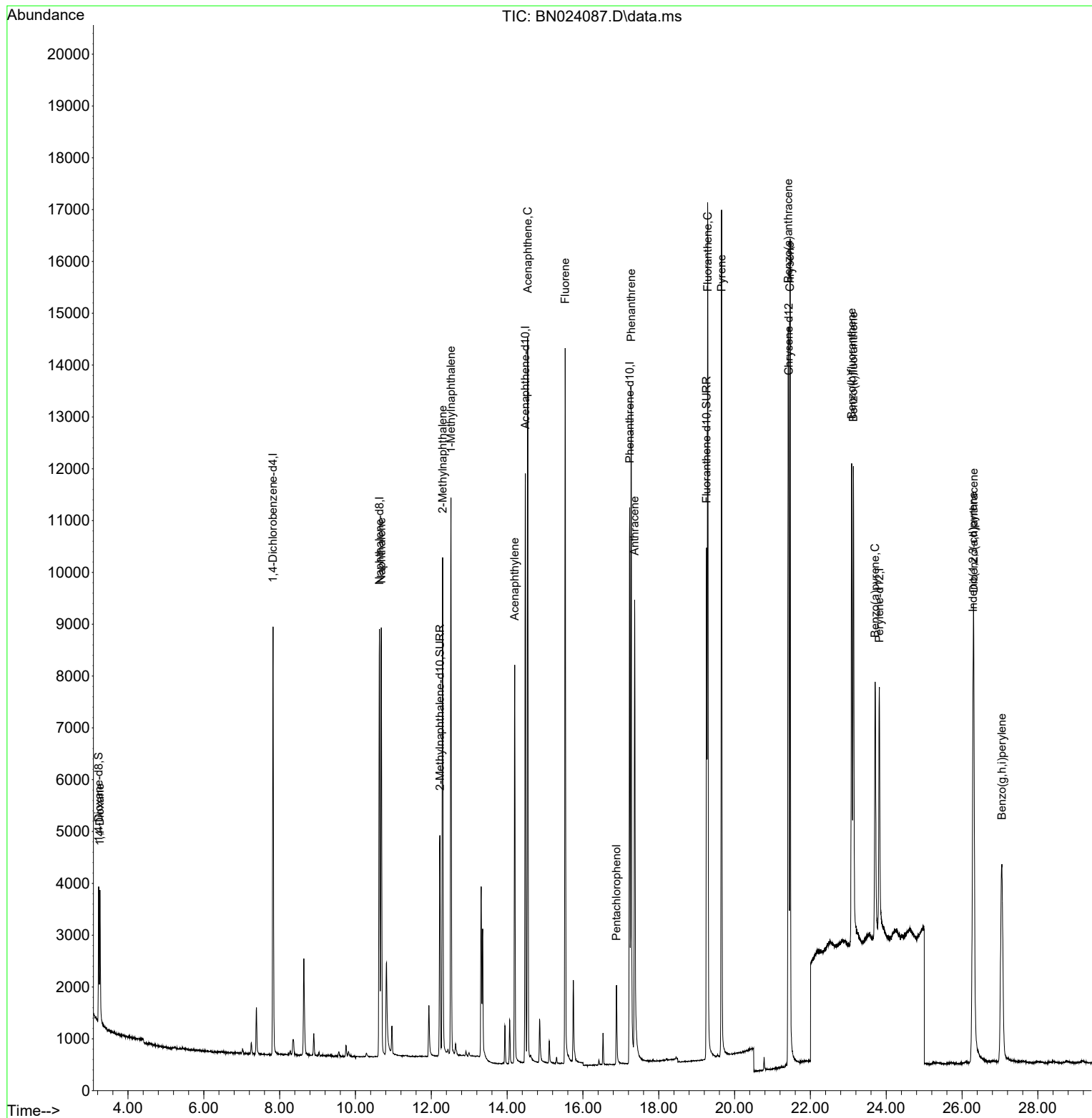
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.632	136	10807	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.482	164	6126	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	12528	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.429	240	9232	0.400	ng/ul	# 0.00
23) Perylene-d12	23.817	264	6586	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	1692	0.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	5577	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.261	212	11311	0.456	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.260	88	1690	0.356	ng/ul#	82
5) Naphthalene	10.682	128	11067	0.374	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	6776	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.519	142	6970	0.354	ng/ul	99
10) Acenaphthylene	14.200	152	8635	0.368	ng/ul	99
11) Acenaphthene	14.542	153	7804	0.378	ng/ul	98
12) Fluorene	15.532	166	8756	0.351	ng/ul	97
14) Pentachlorophenol	16.886	266	1121	0.271	ng/ul	97
15) Phenanthrene	17.271	178	13993	0.375	ng/ul	99
16) Anthracene	17.363	178	11200	0.358	ng/ul	99
19) Fluoranthene	19.293	202	14977	0.488	ng/ul	96
20) Pyrene	19.656	202	14791	0.465	ng/ul#	95
21) Benzo(a)anthracene	21.415	228	11026	0.352	ng/ul	100
22) Chrysene	21.464	228	13103	0.397	ng/ul	99
24) Benzo(b)fluoranthene	23.089	252	12282	0.422	ng/ul	98
25) Benzo(k)fluoranthene	23.133	252	12047	0.424	ng/ul#	96
26) Benzo(a)pyrene	23.706	252	9101	0.376	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.292	276	12578	0.370	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.309	278	9865	0.363	ng/ul	96
29) Benzo(g,h,i)perylene	27.050	276	11242	0.402	ng/ul	96

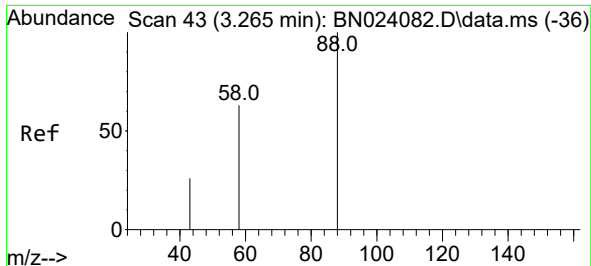
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 23 02:35:11 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
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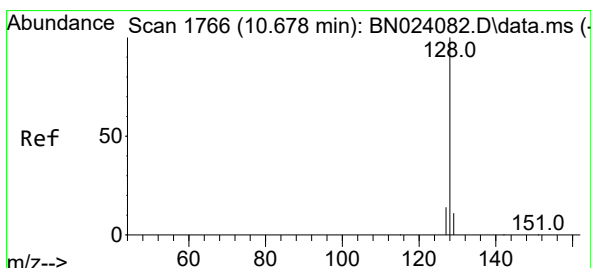
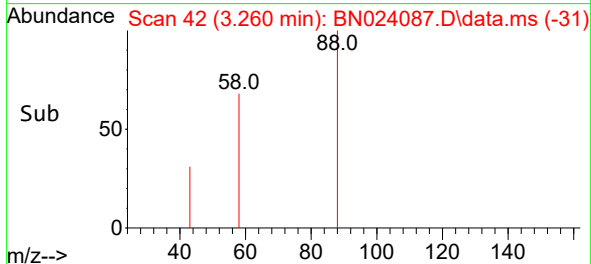
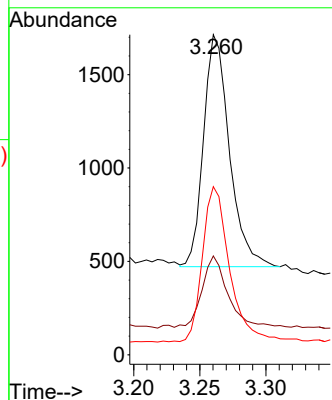
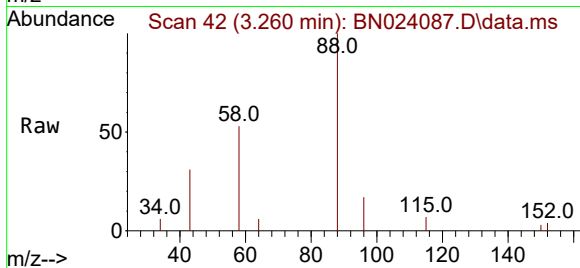




#2
1,4-Dioxane
Concen: 0.356 ng/ul
RT: 3.260 min Scan# 43
Delta R.T. -0.004 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

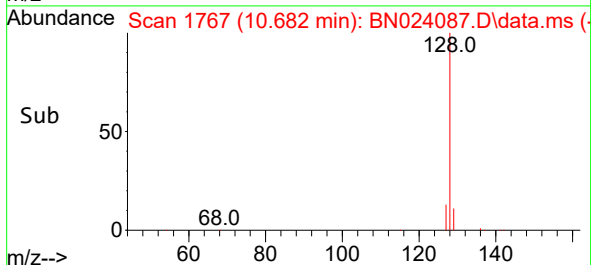
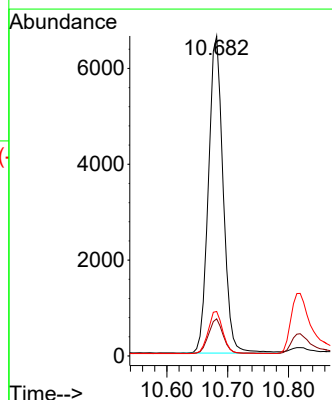
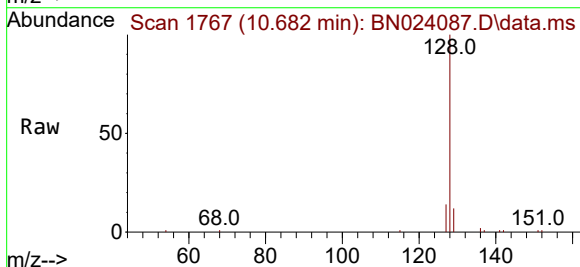
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

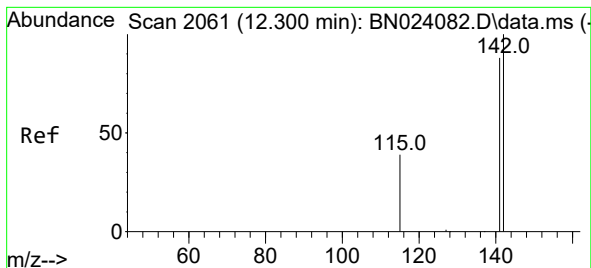
Tgt Ion: 88 Resp: 1690
Ion Ratio Lower Upper
88 100
43 30.9 41.9 62.9#
58 52.5 45.6 68.4



#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.007 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Tgt Ion: 128 Resp: 11067
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.9 11.1 16.7

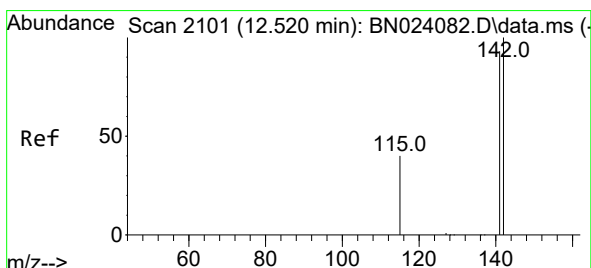
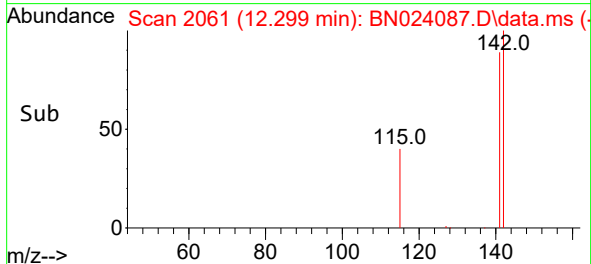
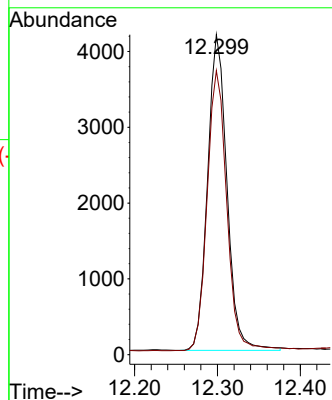
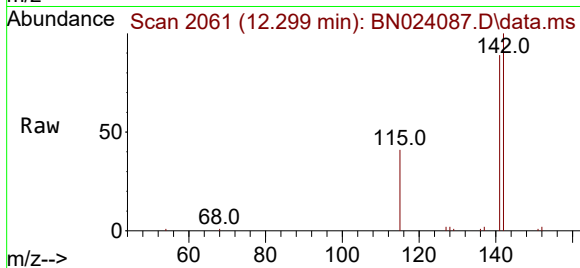




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

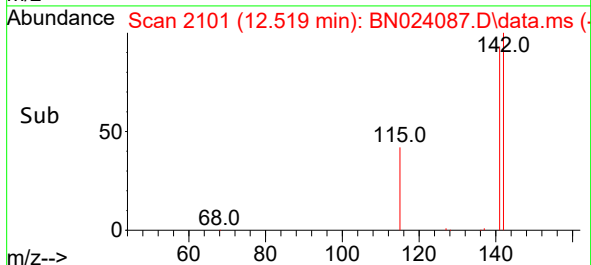
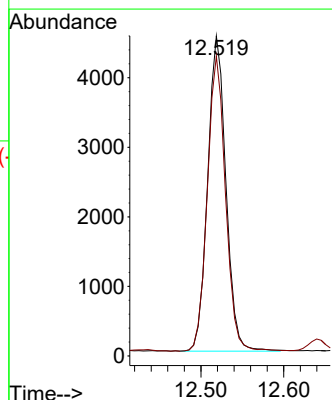
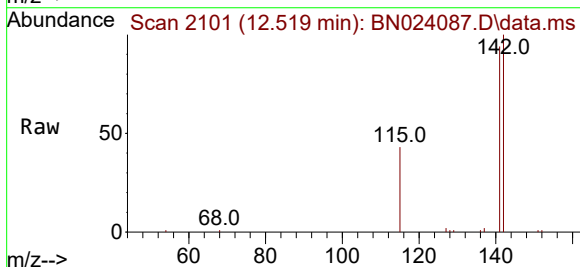
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

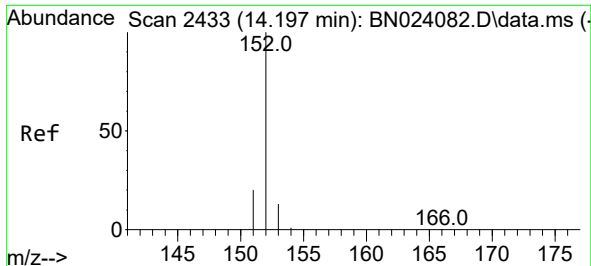
Tgt Ion:142 Resp: 6776
Ion Ratio Lower Upper
142 100
141 90.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Tgt Ion:142 Resp: 6970
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

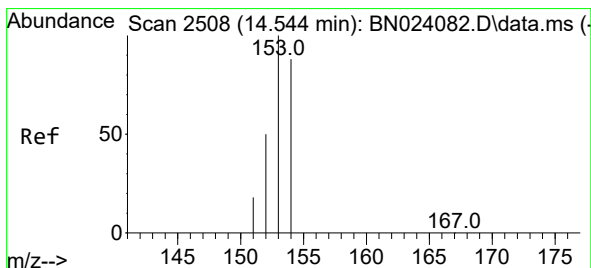
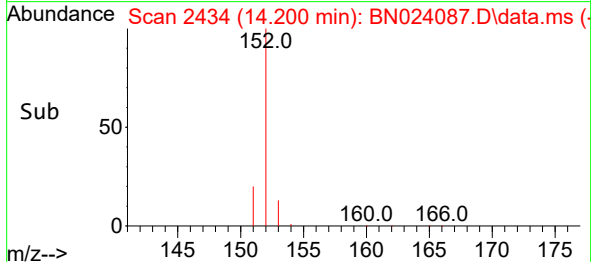
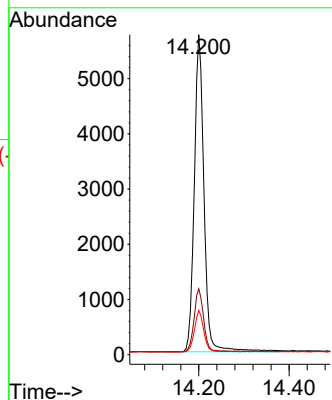
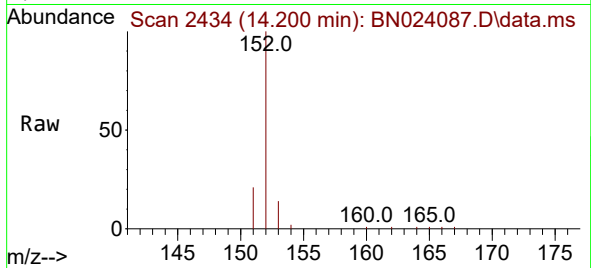




#10
Acenaphthylene
Concen: 0.368 ng/ul
RT: 14.200 min Scan# 2433
Delta R.T. -0.011 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

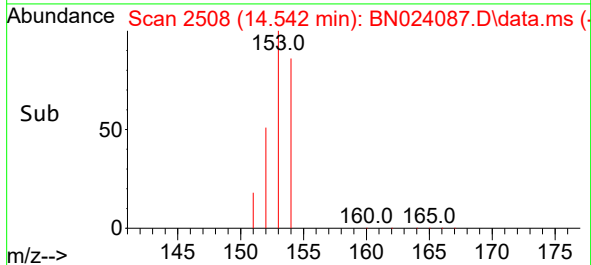
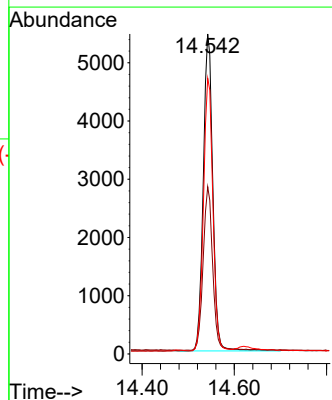
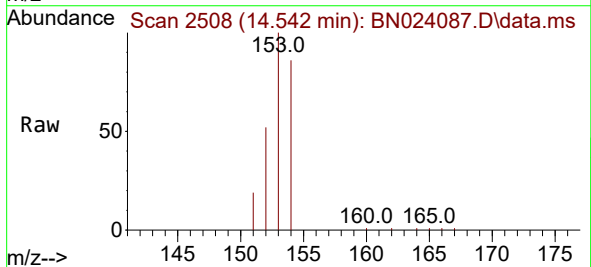
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

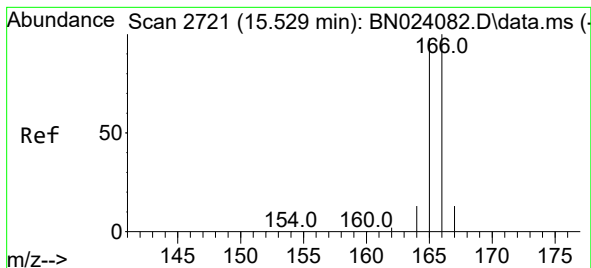
Tgt Ion:152 Resp: 8635
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.4
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.542 min Scan# 2508
Delta R.T. -0.006 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Tgt Ion:153 Resp: 7804
Ion Ratio Lower Upper
153 100
152 52.3 39.6 59.4
154 86.1 68.8 103.2





#12

Fluorene

Concen: 0.351 ng/ul

RT: 15.532 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN024087.D

Acq: 22 Feb 2023 13:57

Instrument :

BNA_N

ClientSampleId :

SSTD0.4386

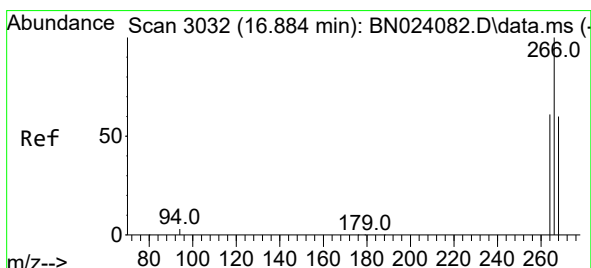
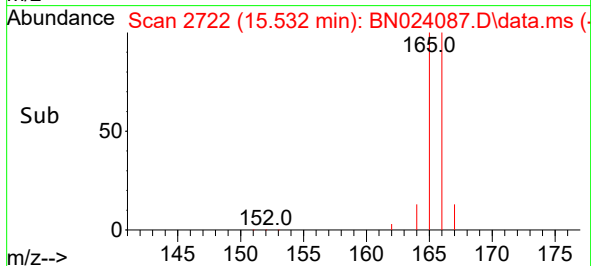
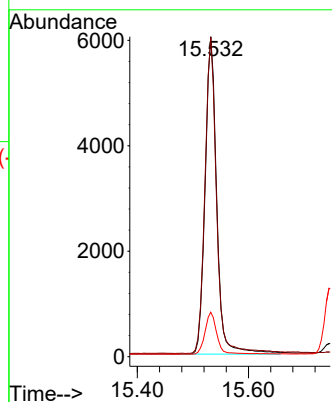
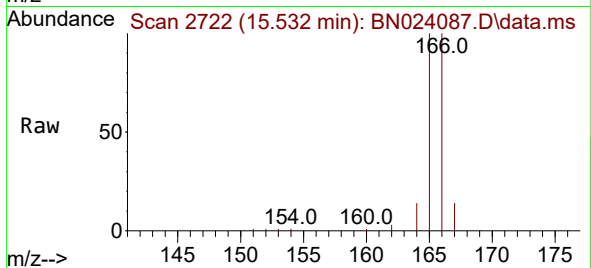
Tgt Ion:166 Resp: 8756

Ion Ratio Lower Upper

166 100

165 99.9 77.4 116.2

167 13.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.271 ng/ul

RT: 16.886 min Scan# 3033

Delta R.T. -0.006 min

Lab File: BN024087.D

Acq: 22 Feb 2023 13:57

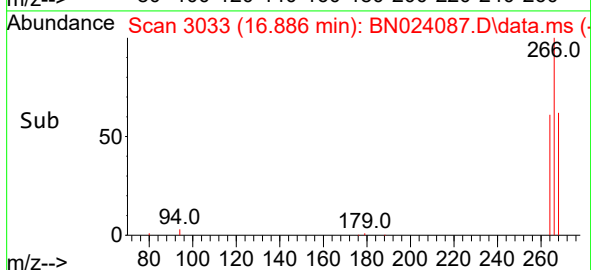
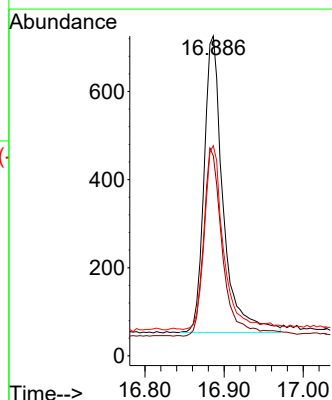
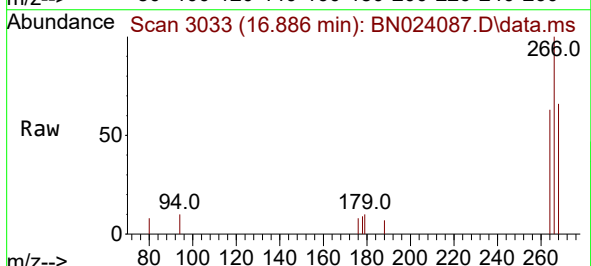
Tgt Ion:266 Resp: 1121

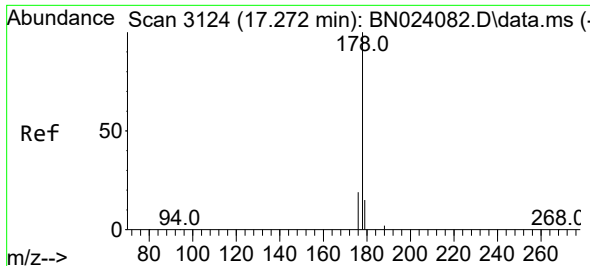
Ion Ratio Lower Upper

266 100

264 63.3 49.4 74.0

268 62.5 52.0 78.0

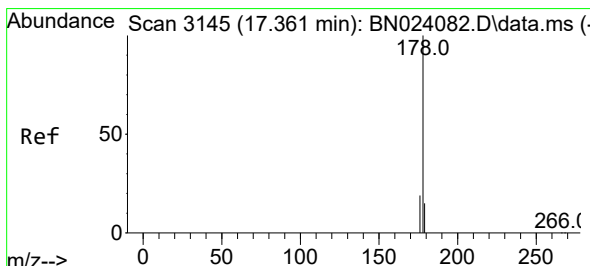
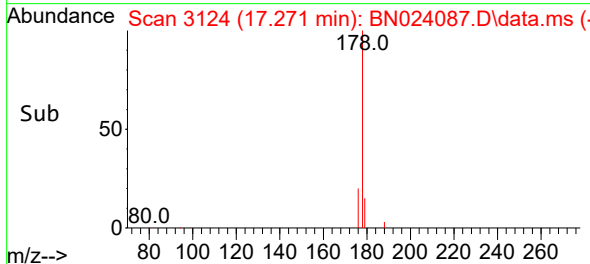
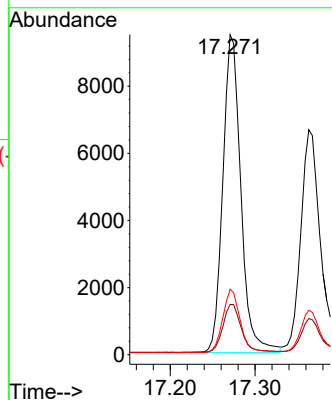
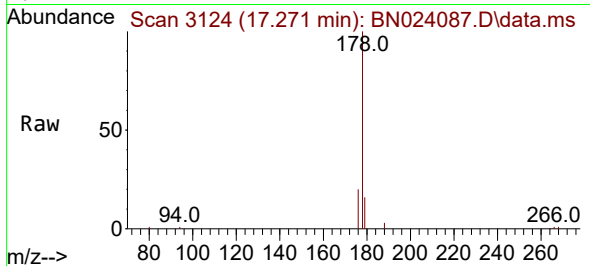




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.271 min Scan# 3124
Delta R.T. -0.010 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

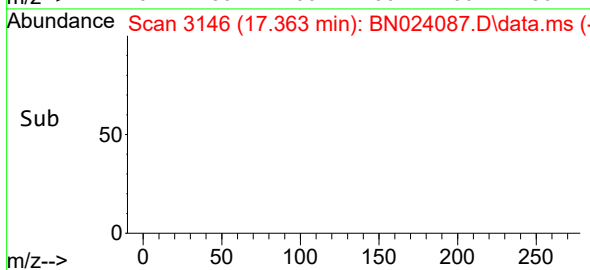
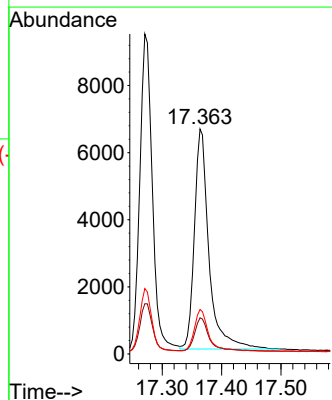
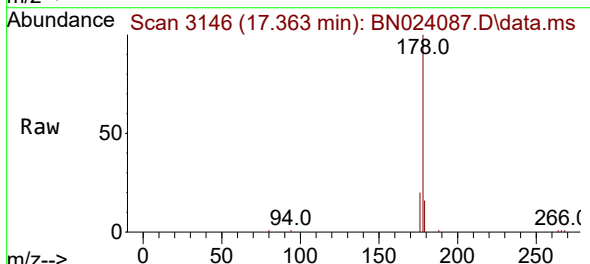
Instrument :
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ClientSampleId :
SSTD0.4386

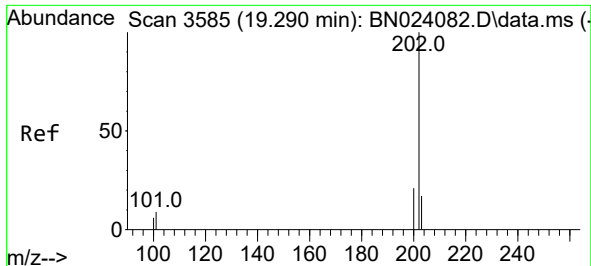
Tgt Ion:178 Resp: 13993
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 20.4 15.7 23.5



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.363 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Tgt Ion:178 Resp: 11200
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.0
176 19.7 15.4 23.2





#19

Fluoranthene

Concen: 0.488 ng/ul

RT: 19.293 min Scan# 3585

Delta R.T. -0.006 min

Lab File: BN024087.D

Acq: 22 Feb 2023 13:57

Instrument :

BNA_N

ClientSampleId :

SSTD0.4386

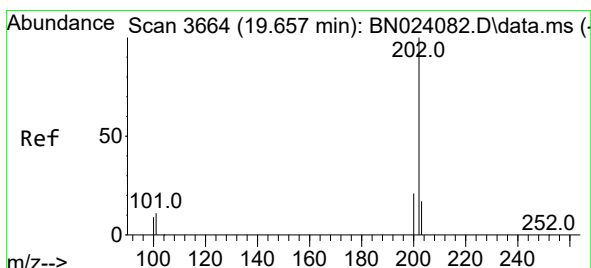
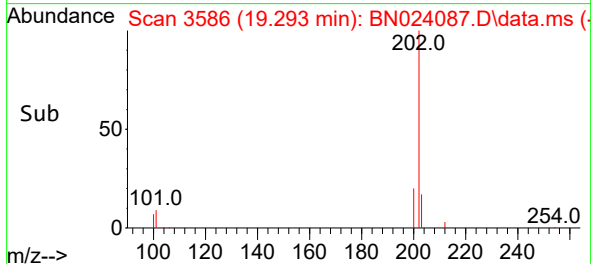
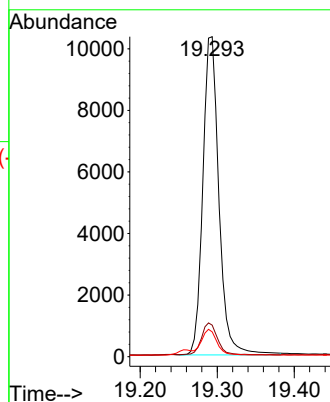
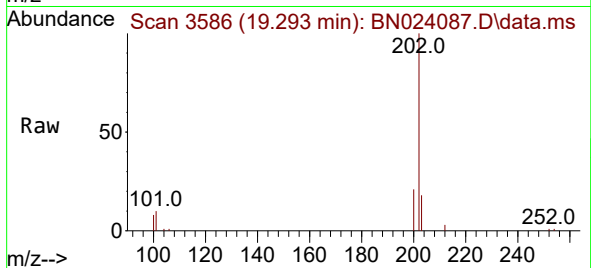
Tgt Ion:202 Resp: 14977

Ion Ratio Lower Upper

202 100

101 9.8 6.8 10.2

100 7.8 5.2 7.8



#20

Pyrene

Concen: 0.465 ng/ul

RT: 19.656 min Scan# 3664

Delta R.T. -0.006 min

Lab File: BN024087.D

Acq: 22 Feb 2023 13:57

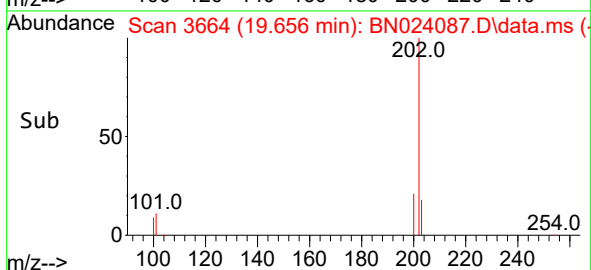
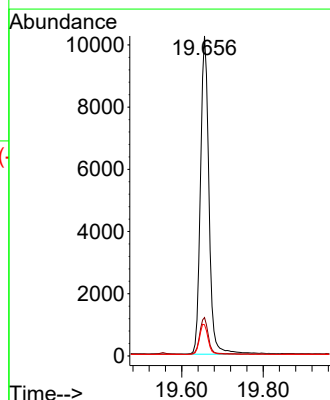
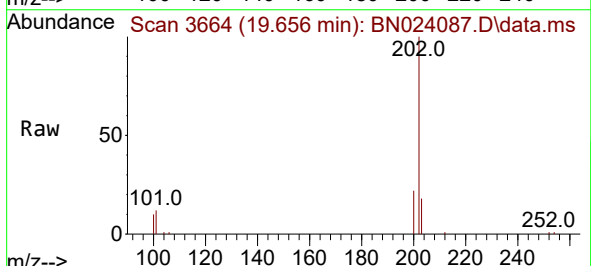
Tgt Ion:202 Resp: 14791

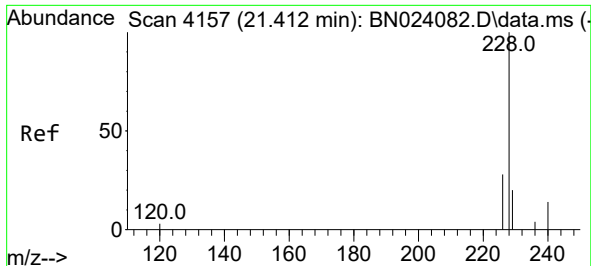
Ion Ratio Lower Upper

202 100

101 12.0 8.1 12.1

100 9.8 6.2 9.4#

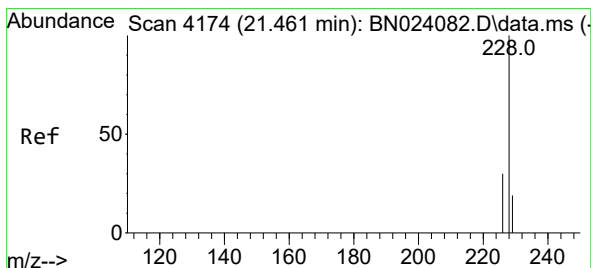
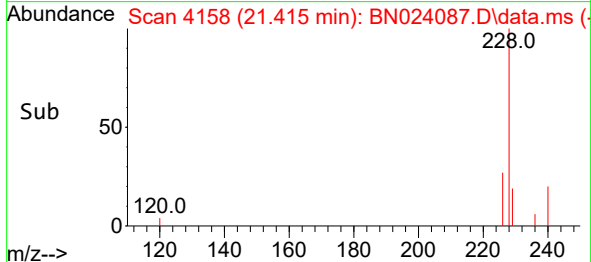
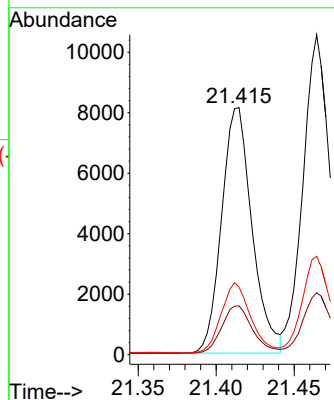
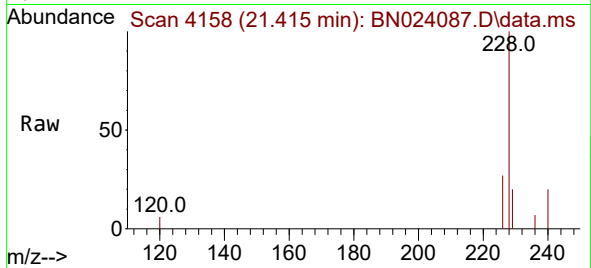




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.415 min Scan# 4157
Delta R.T. 0.003 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

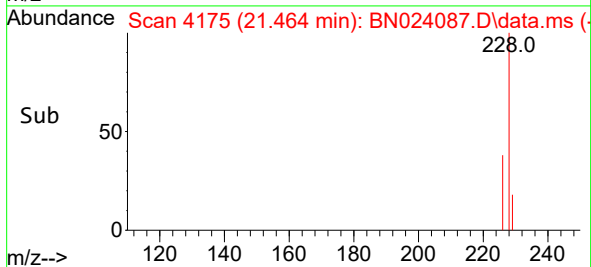
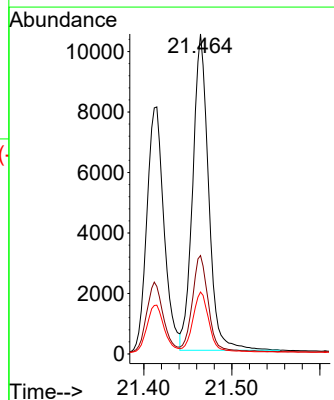
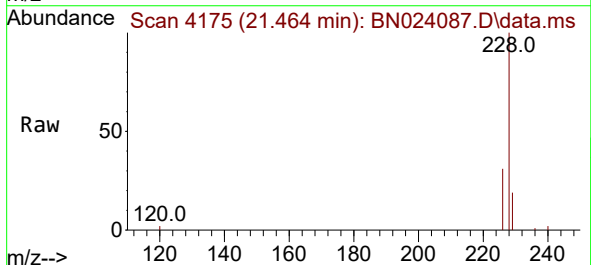
Instrument :
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ClientSampleId :
SSTD0.4386

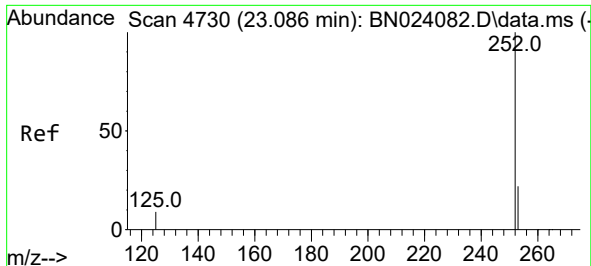
Tgt Ion:228 Resp: 11026
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.3 22.0 33.0



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Tgt Ion:228 Resp: 13103
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.4 15.5 23.3

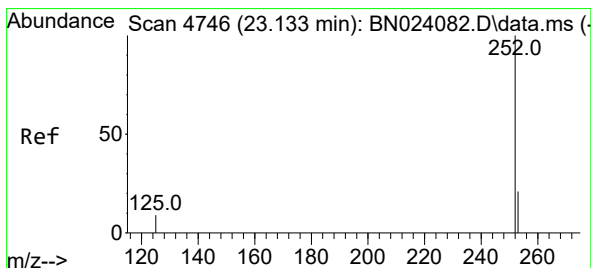
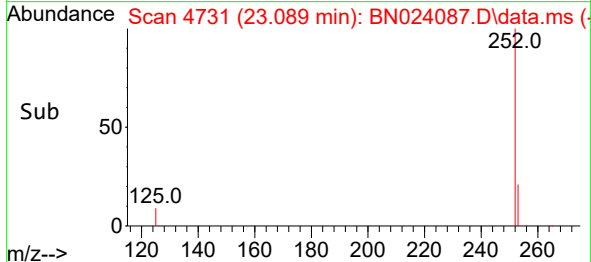
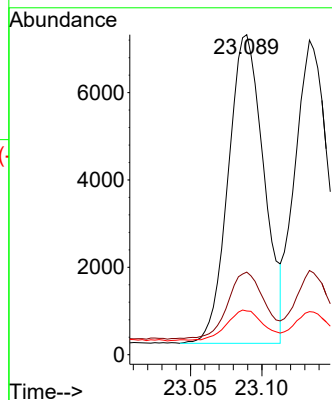
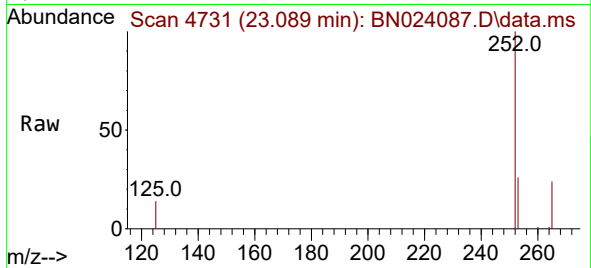




#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.089 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

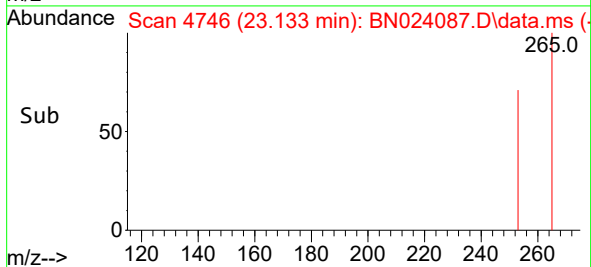
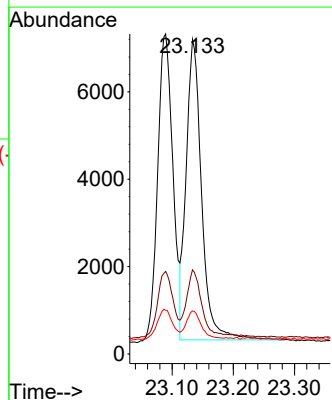
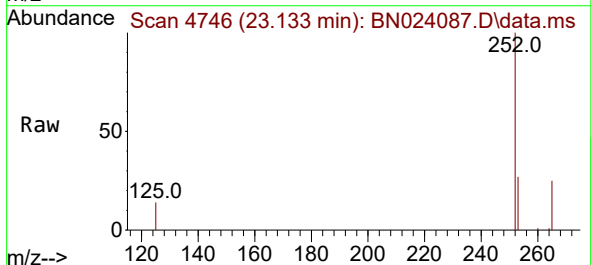
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

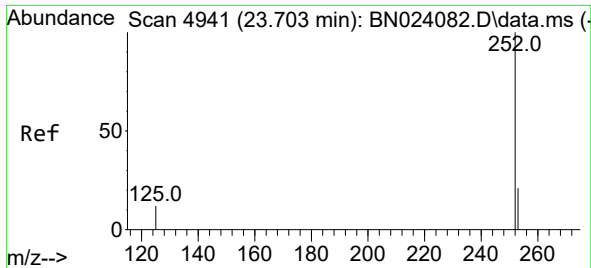
Tgt Ion:252 Resp: 12282
Ion Ratio Lower Upper
252 100
253 25.8 0.0 51.8
125 13.7 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.006 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Tgt Ion:252 Resp: 12047
Ion Ratio Lower Upper
252 100
253 26.7 20.2 30.2
125 13.7 9.0 13.4#

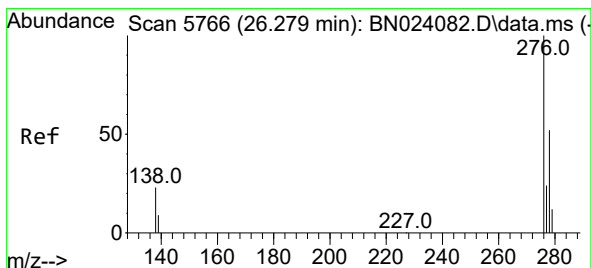
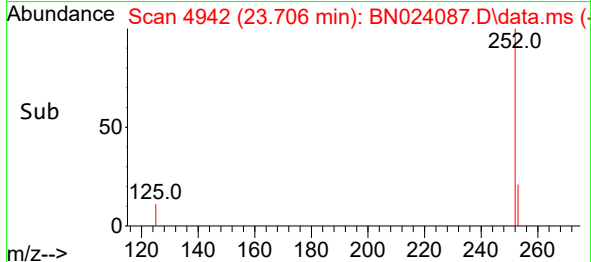
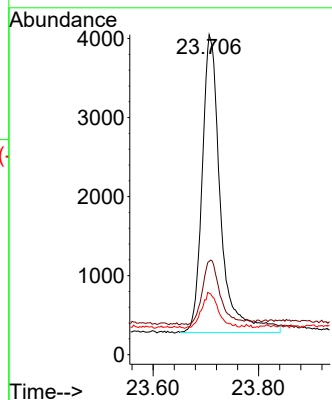
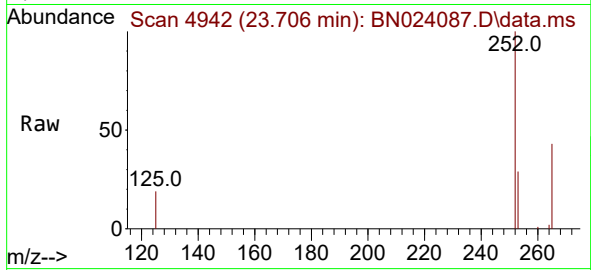




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.706 min Scan# 4941
Delta R.T. 0.000 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

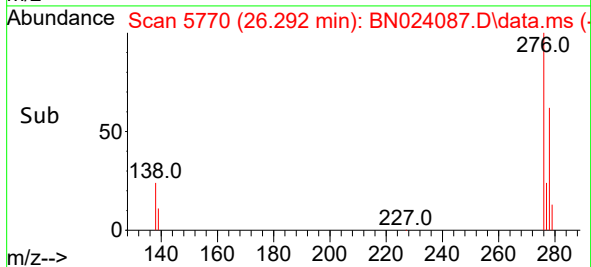
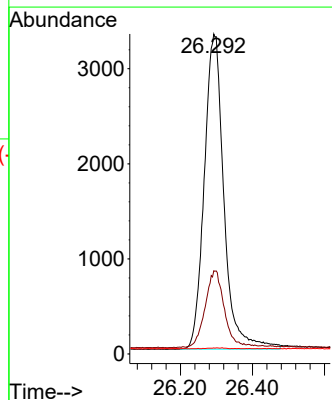
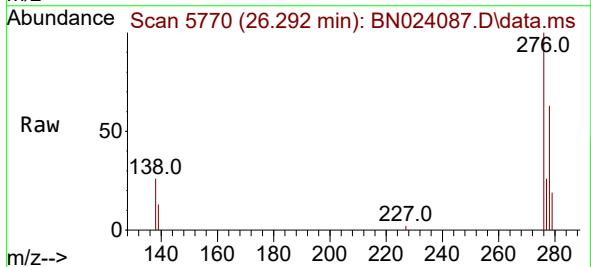
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

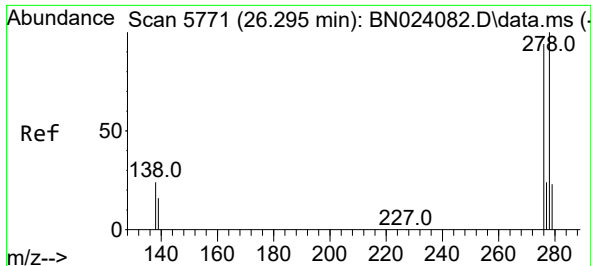
Tgt Ion:252 Resp: 9101
Ion Ratio Lower Upper
252 100
253 29.2 21.5 32.3
125 19.2 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.292 min Scan# 5770
Delta R.T. 0.000 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Tgt Ion:276 Resp: 12578
Ion Ratio Lower Upper
276 100
138 23.7 17.0 25.6
227 0.1 0.2 0.4#

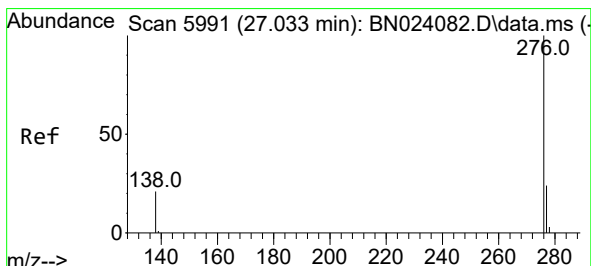
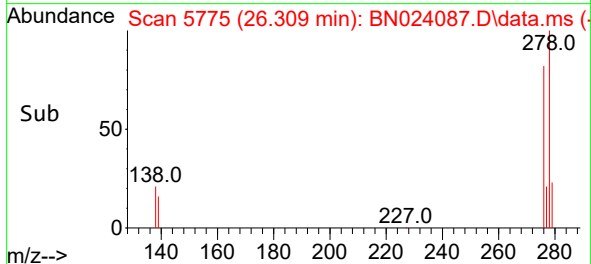
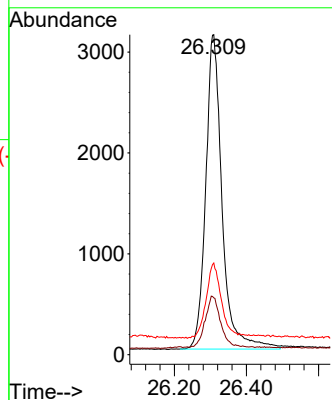
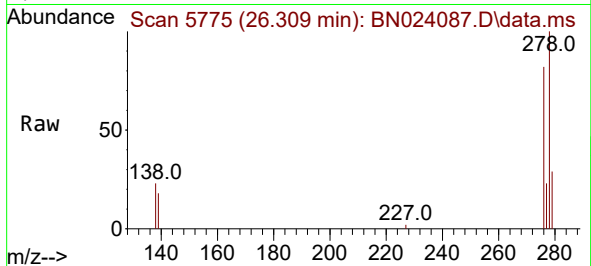




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.309 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

Tgt Ion:278 Resp: 9865
Ion Ratio Lower Upper
278 100
139 17.7 12.3 18.5
279 28.7 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.050 min Scan# 5996
Delta R.T. 0.004 min
Lab File: BN024087.D
Acq: 22 Feb 2023 13:57

Tgt Ion:276 Resp: 11242
Ion Ratio Lower Upper
276 100
138 22.5 15.3 22.9
277 25.5 19.9 29.9

