

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023537.D
 Acq On : 03 Jan 2023 14:55
 Operator : CG/JU
 Sample : SST0.466
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4225

Quant Time: Jan 04 00:17:50 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:14:48 2023
 Response via : Initial Calibration

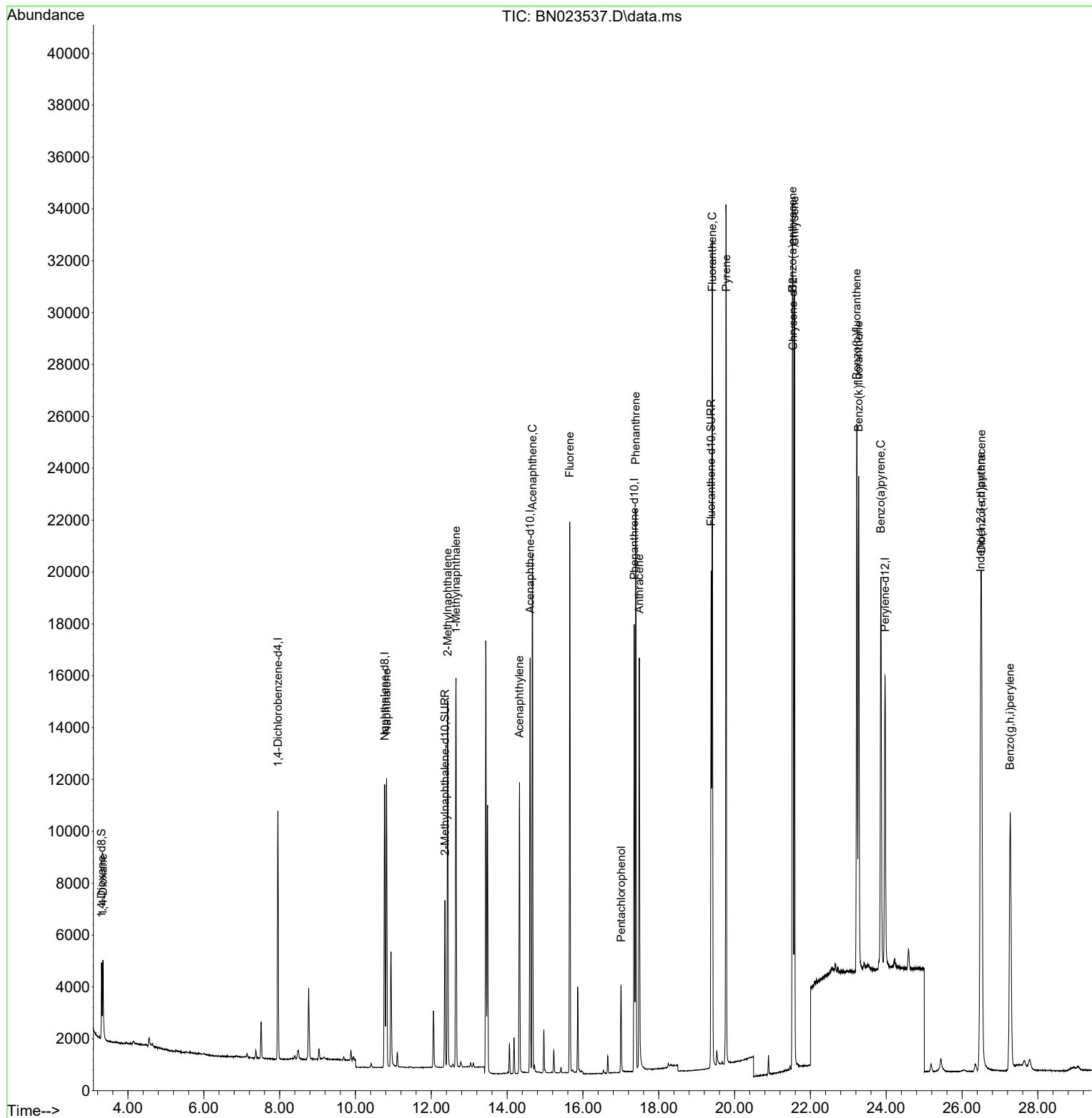
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	4785	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	14497	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	8601	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	19395	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	18981	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	16068	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	1947	0.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.361	152	8111	0.362	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	20077	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	2075	0.390	ng/ul	100
5) Naphthalene	10.821	128	15157	0.356	ng/ul	100
7) 2-Methylnaphthalene	12.432	142	9672	0.355	ng/ul	100
8) 1-Methylnaphthalene	12.652	142	9952	0.355	ng/ul	100
10) Acenaphthylene	14.326	152	12393	0.325	ng/ul	100
11) Acenaphthene	14.668	153	11010	0.343	ng/ul	100
12) Fluorene	15.654	166	12707	0.352	ng/ul	100
14) Pentachlorophenol	17.006	266	2204	0.410	ng/ul	100
15) Phenanthrene	17.394	178	21586	0.342	ng/ul	100
16) Anthracene	17.487	178	18370	0.351	ng/ul	100
19) Fluoranthene	19.411	202	26139	0.284	ng/ul	100
20) Pyrene	19.778	202	27489	0.296	ng/ul	100
21) Benzo(a)anthracene	21.525	228	25411	0.344	ng/ul	100
22) Chrysene	21.578	228	25739	0.342	ng/ul	100
24) Benzo(b)fluoranthene	23.224	252	26993	0.325	ng/ul	100
25) Benzo(k)fluoranthene	23.273	252	25440	0.326	ng/ul	100
26) Benzo(a)pyrene	23.858	252	22297	0.339	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.493	276	27378	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.513	278	21771	0.365	ng/ul	100
29) Benzo(g,h,i)perylene	27.268	276	21985	0.351	ng/ul	100

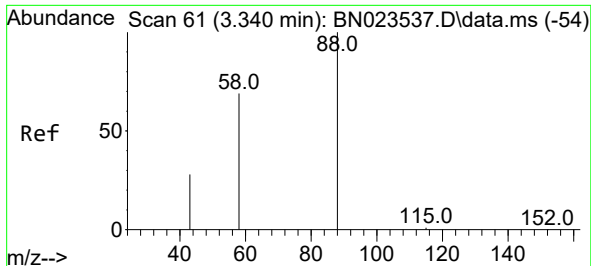
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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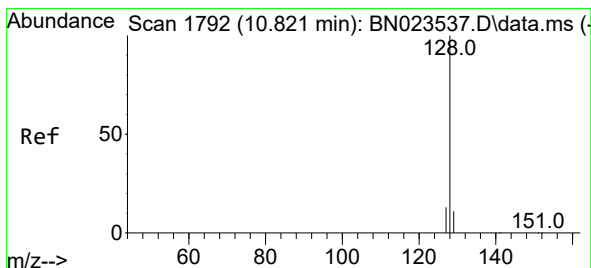
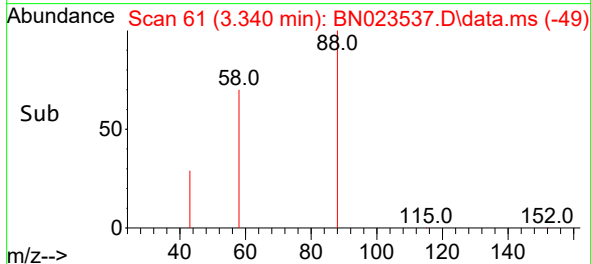
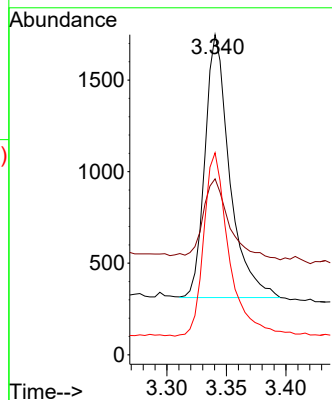
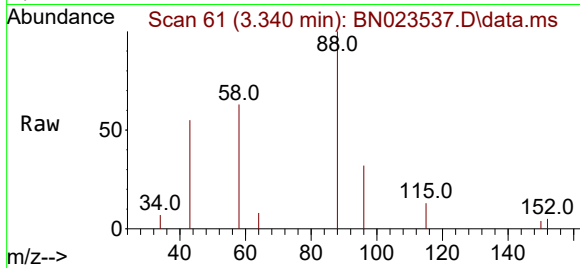




#2
1,4-Dioxane
Concen: 0.390 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

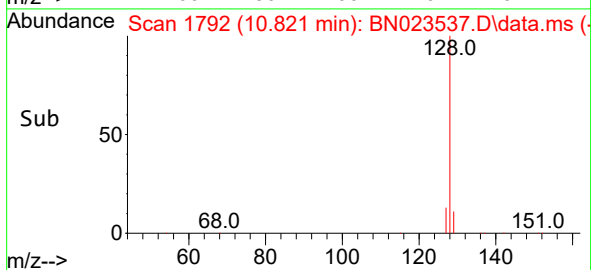
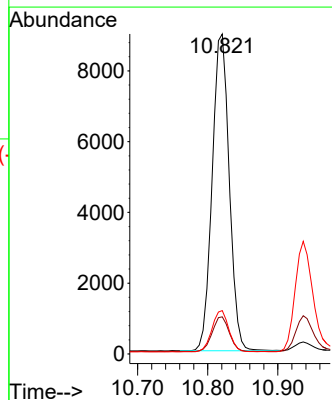
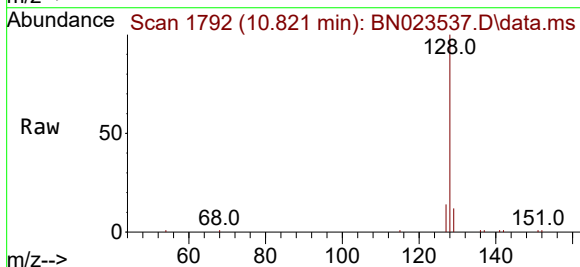
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

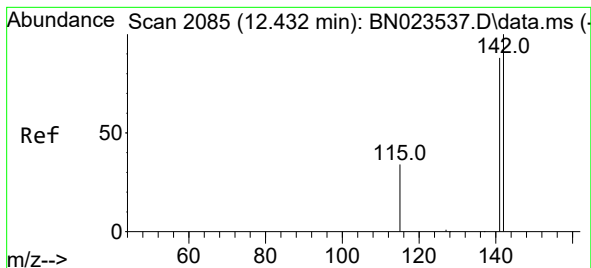
Tgt Ion: 88 Resp: 2075
Ion Ratio Lower Upper
88 100
43 55.0 44.0 66.0
58 63.1 50.5 75.7



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.821 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Tgt Ion: 128 Resp: 15157
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 10.9 16.3

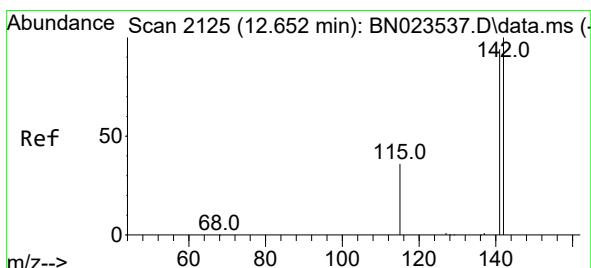
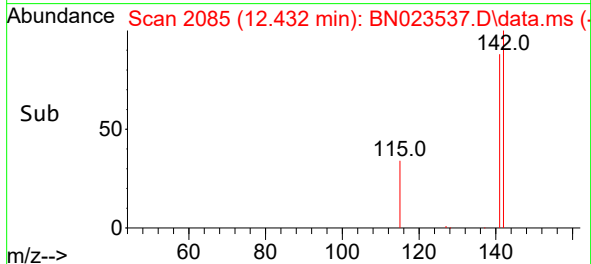
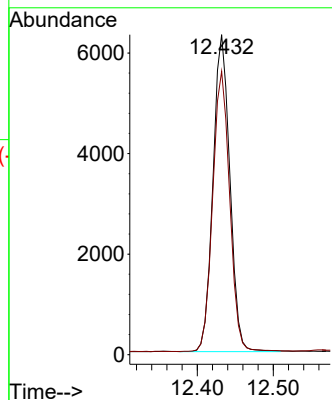
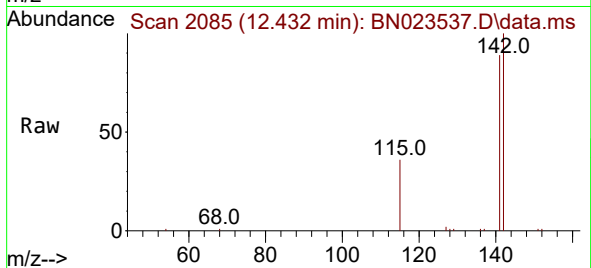




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.432 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

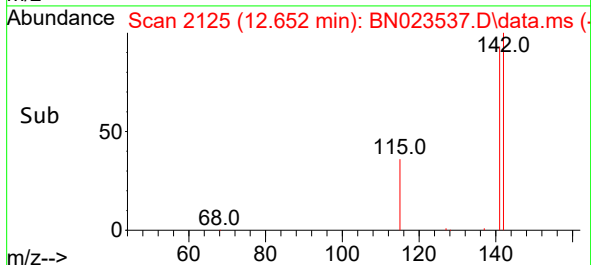
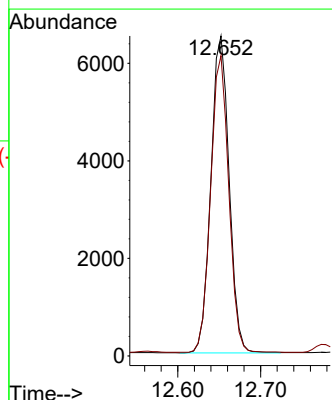
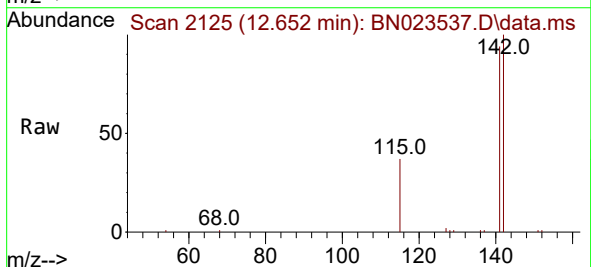
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

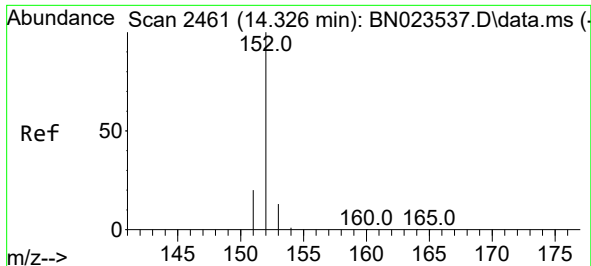
Tgt Ion:142 Resp: 9672
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.652 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Tgt Ion:142 Resp: 9952
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

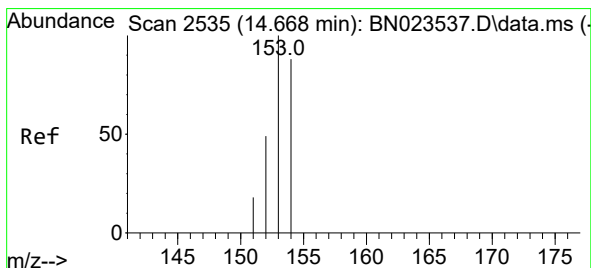
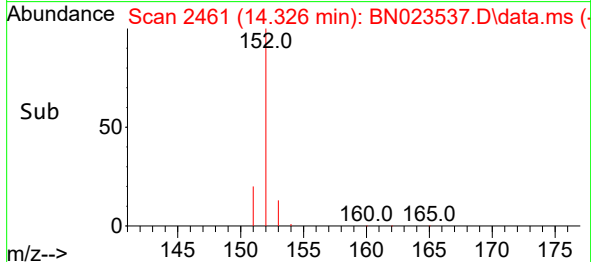
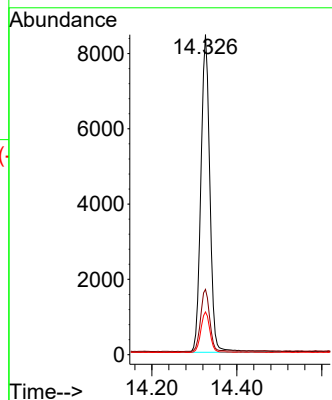
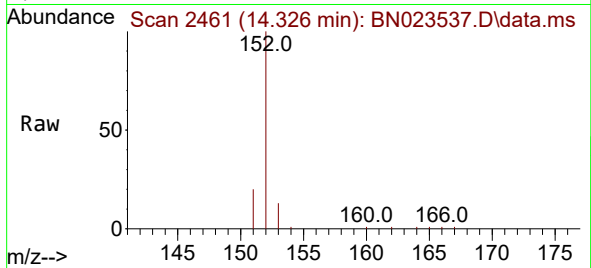




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

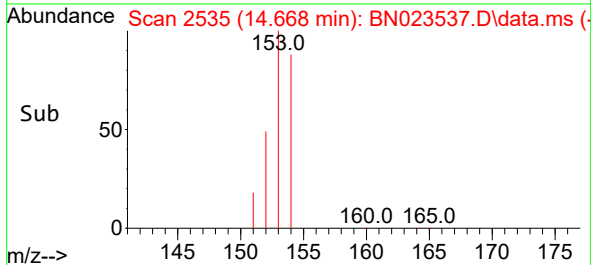
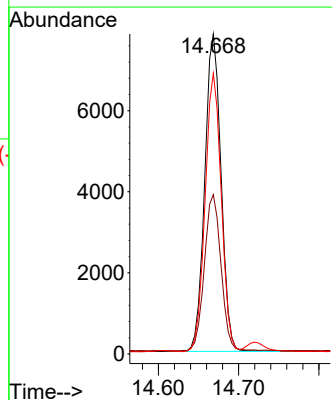
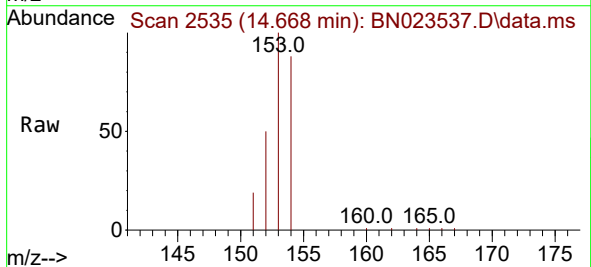
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SSTD0.4225

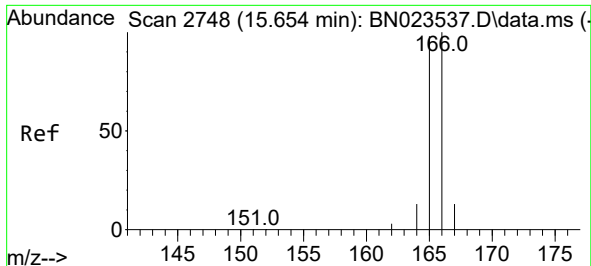
Tgt Ion:152 Resp: 12393
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.668 min Scan# 2535
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Tgt Ion:153 Resp: 11010
Ion Ratio Lower Upper
153 100
152 49.8 39.8 59.8
154 87.6 70.1 105.1

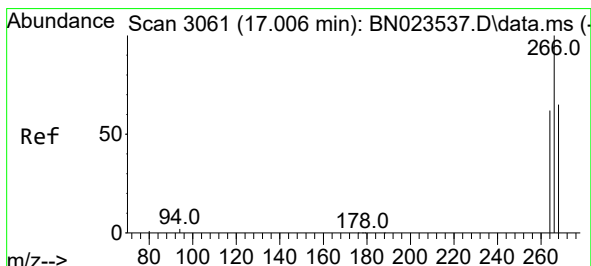
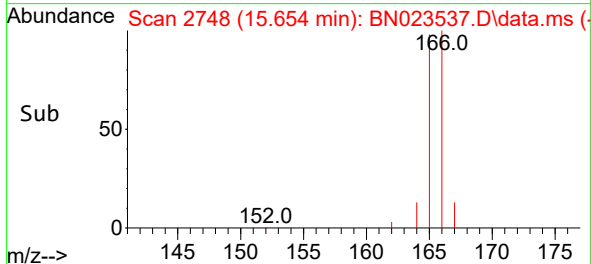
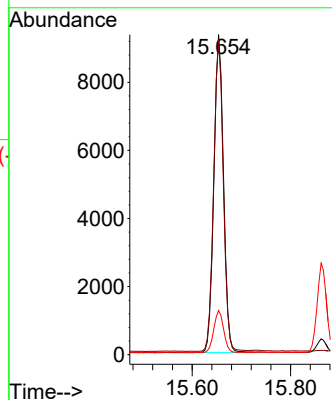
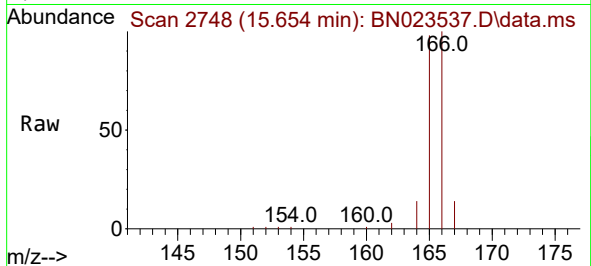




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.654 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

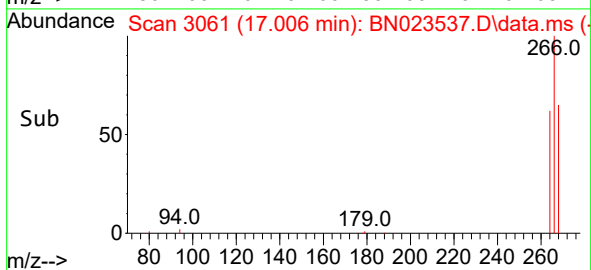
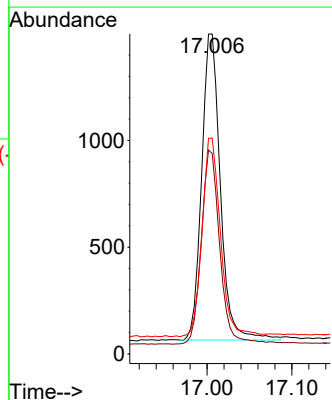
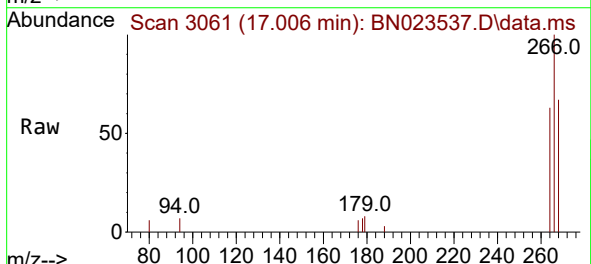
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

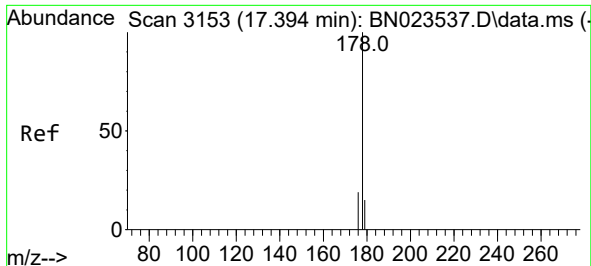
Tgt Ion:166 Resp: 12707
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.410 ng/ul
RT: 17.006 min Scan# 3061
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Tgt Ion:266 Resp: 2204
Ion Ratio Lower Upper
266 100
264 62.5 50.0 75.0
268 64.2 51.4 77.0

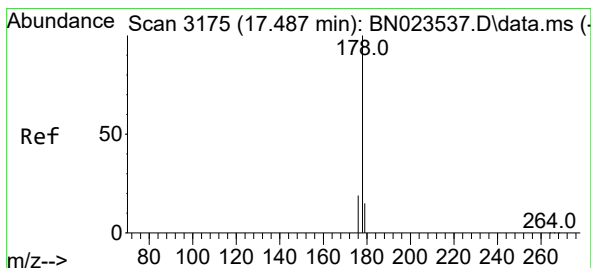
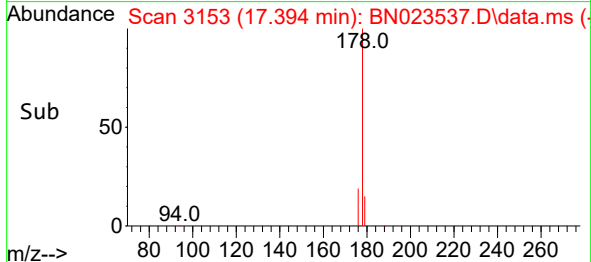
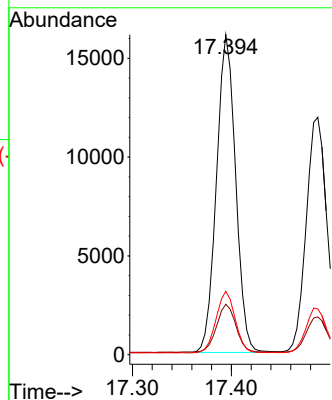
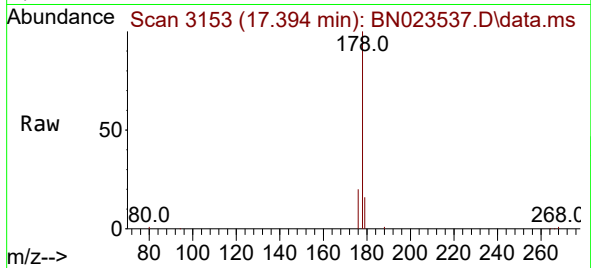




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

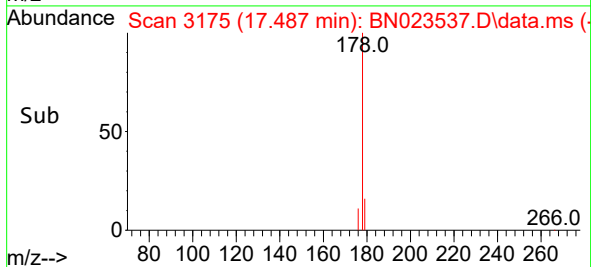
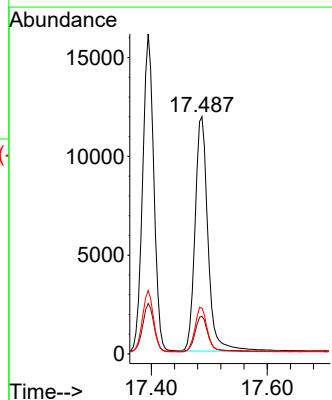
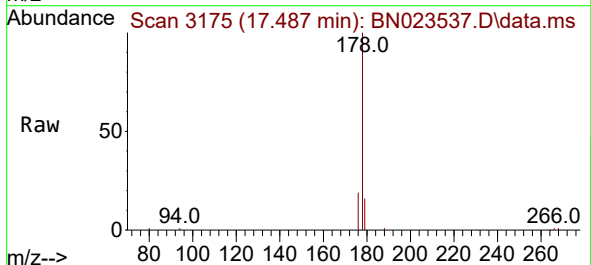
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

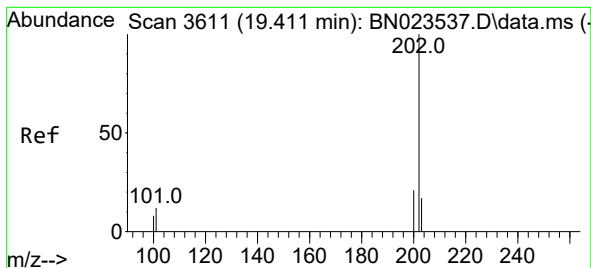
Tgt Ion:178 Resp: 21586
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.8 15.8 23.8



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.487 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Tgt Ion:178 Resp: 18370
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.3 15.4 23.2





#19

Fluoranthene

Concen: 0.284 ng/ul

RT: 19.411 min Scan# 3611

Delta R.T. 0.000 min

Lab File: BN023537.D

Acq: 03 Jan 2023 14:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4225

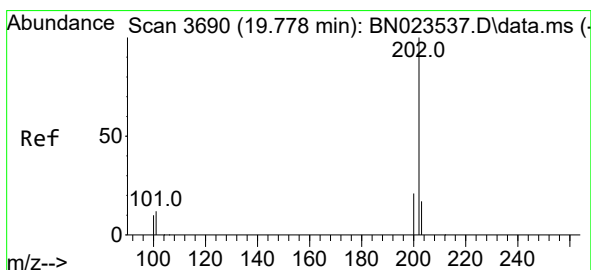
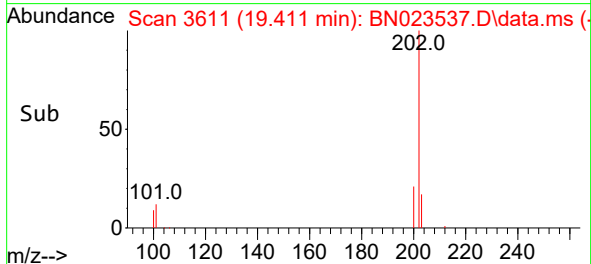
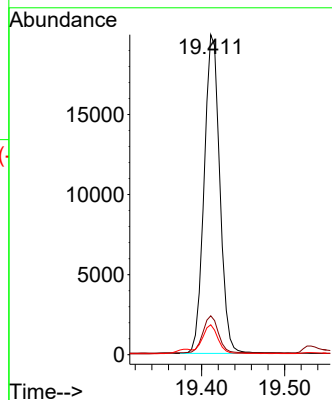
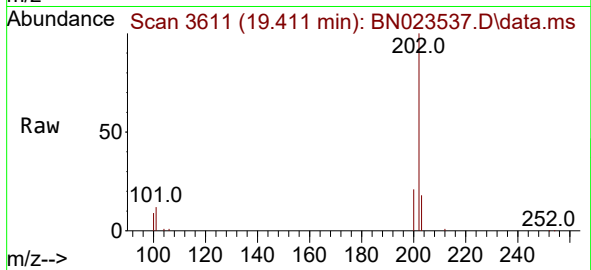
Tgt Ion:202 Resp: 26139

Ion Ratio Lower Upper

202 100

101 12.2 9.8 14.6

100 9.3 7.4 11.2



#20

Pyrene

Concen: 0.296 ng/ul

RT: 19.778 min Scan# 3690

Delta R.T. 0.000 min

Lab File: BN023537.D

Acq: 03 Jan 2023 14:55

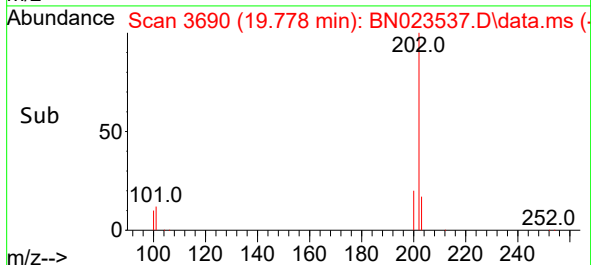
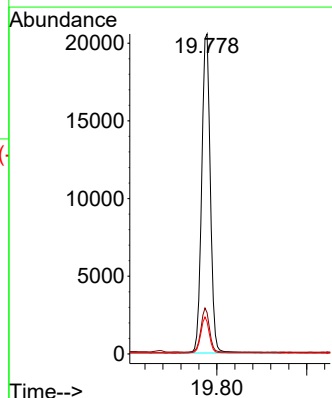
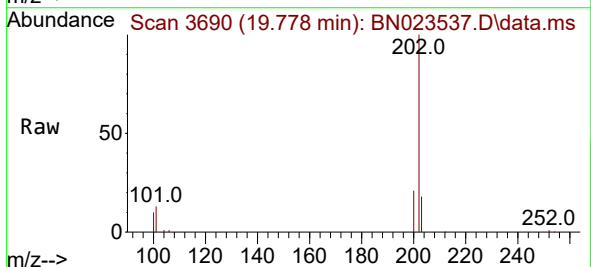
Tgt Ion:202 Resp: 27489

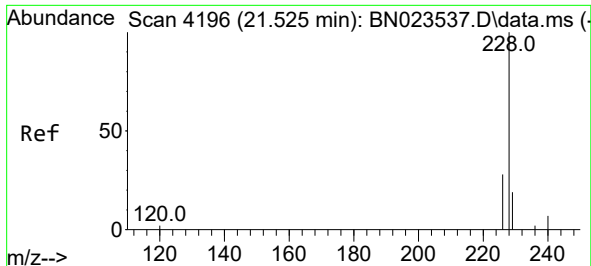
Ion Ratio Lower Upper

202 100

101 12.9 10.3 15.5

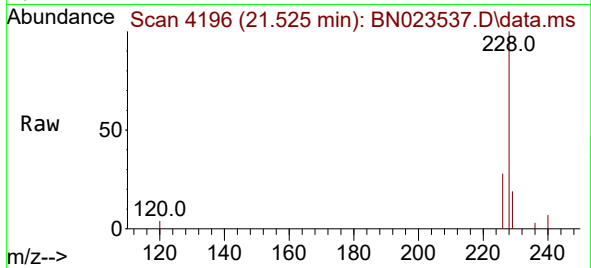
100 10.0 8.0 12.0



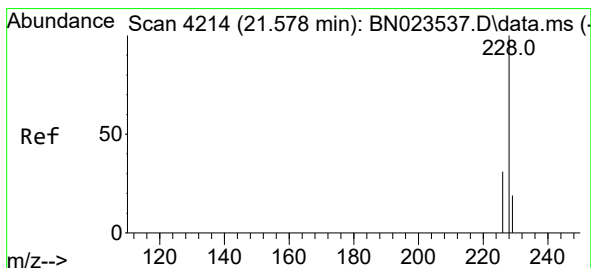
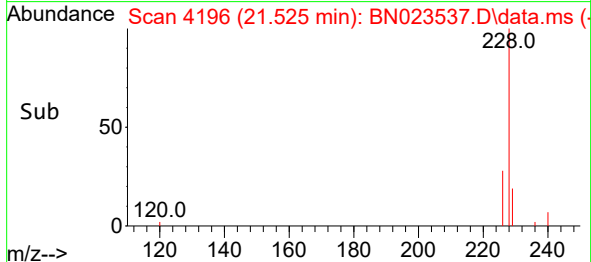
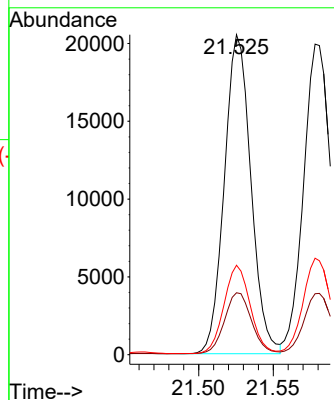


#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

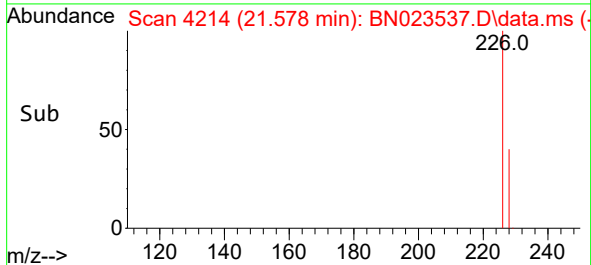
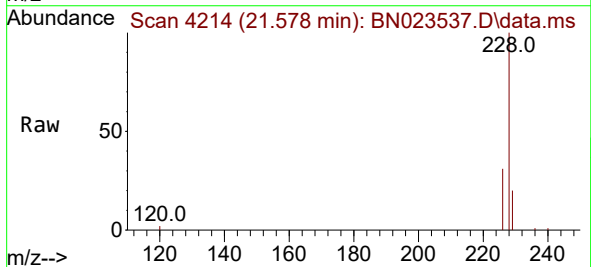
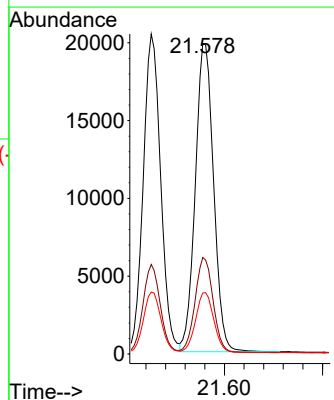


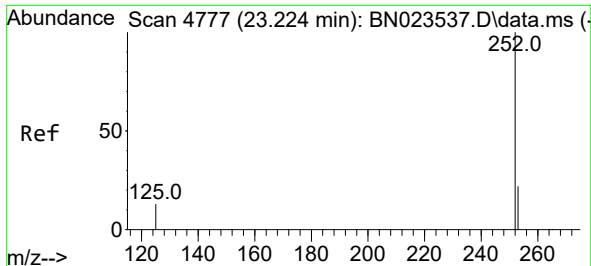
Tgt Ion:228 Resp: 25411
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 28.0 22.4 33.6



#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.578 min Scan# 4214
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

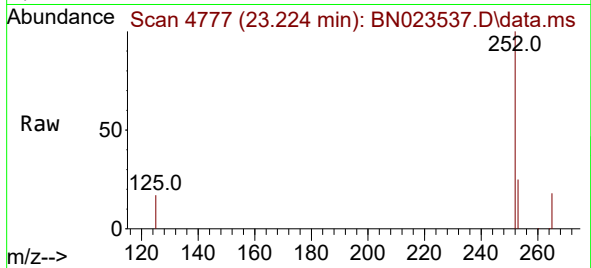
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Ion Ratio Lower Upper
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226 31.1 24.9 37.3
229 19.7 15.8 23.6



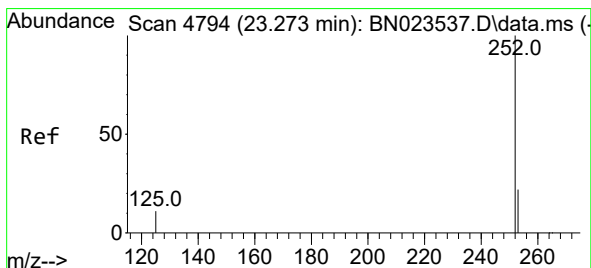
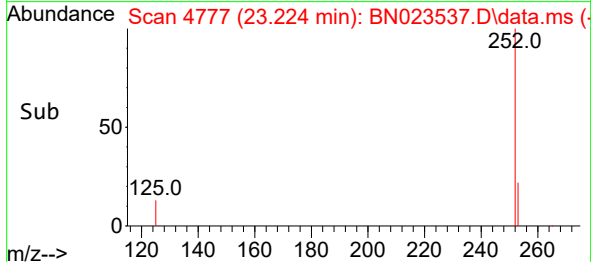
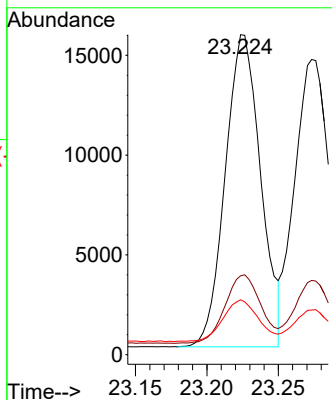


#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.224 min Scan# 4777
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

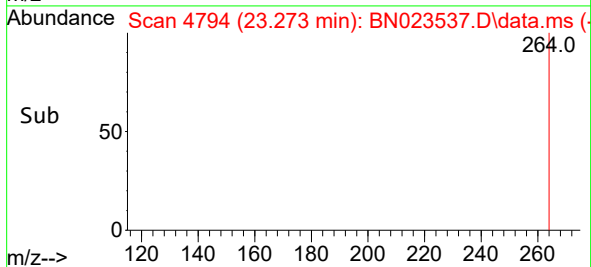
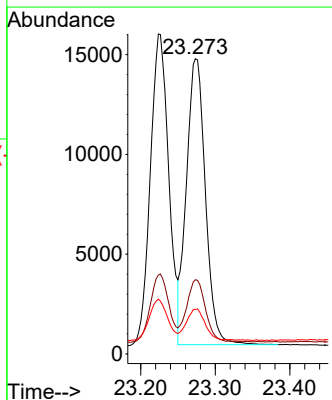
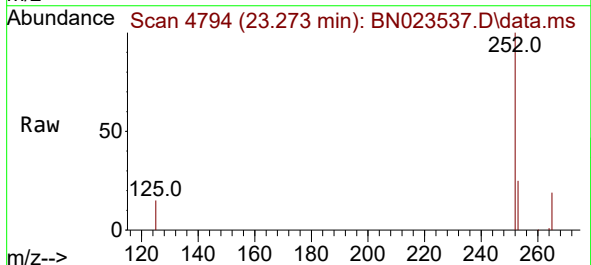


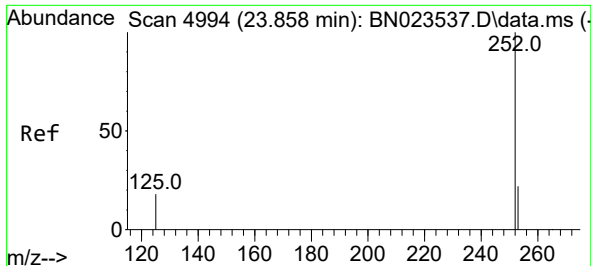
Tgt Ion:252 Resp: 26993
Ion Ratio Lower Upper
252 100
253 24.6 0.0 49.2
125 17.1 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Tgt Ion:252 Resp: 25440
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.2
125 15.1 12.1 18.1

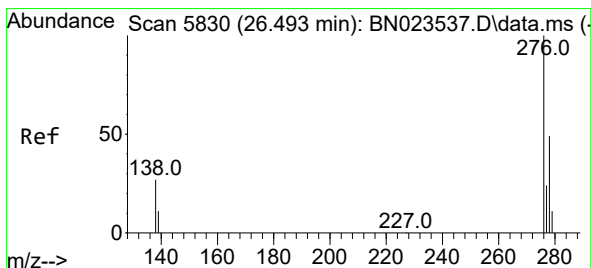
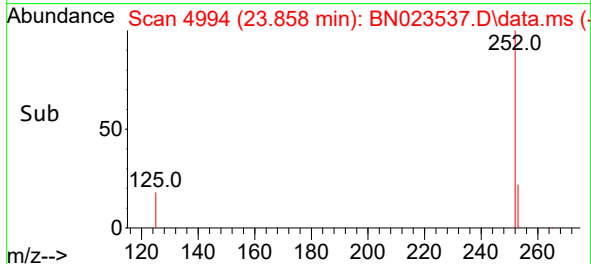
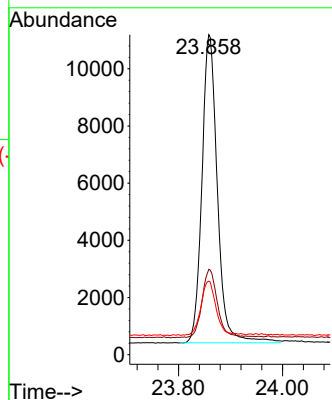
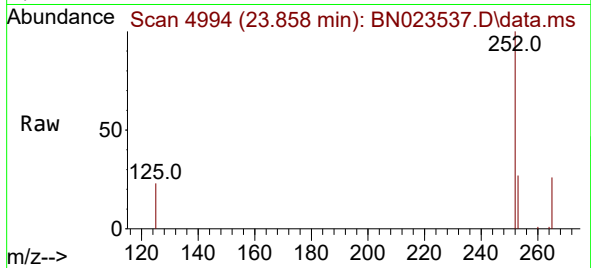




#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.858 min Scan# 4994
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

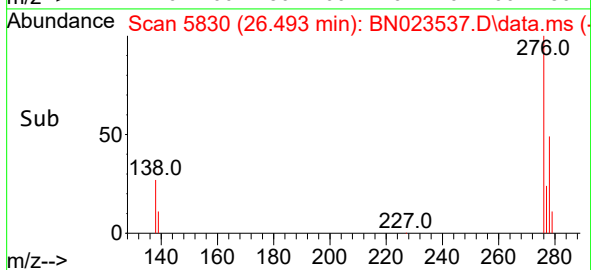
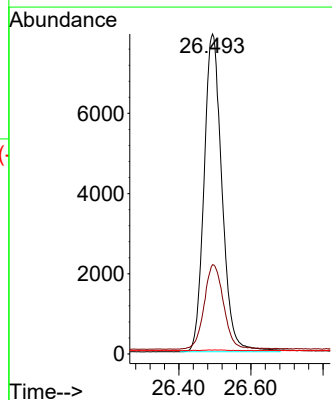
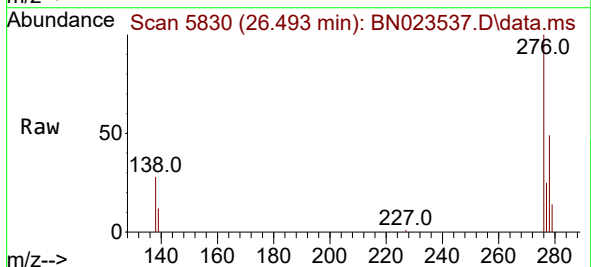
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

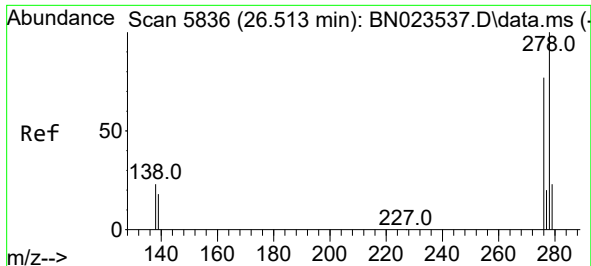
Tgt Ion:252 Resp: 22297
Ion Ratio Lower Upper
252 100
253 26.7 21.4 32.0
125 23.0 18.4 27.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 26.493 min Scan# 5830
Delta R.T. 0.000 min
Lab File: BN023537.D
Acq: 03 Jan 2023 14:55

Tgt Ion:276 Resp: 27378
Ion Ratio Lower Upper
276 100
138 29.0 23.2 34.8
227 0.2 0.1 0.1#

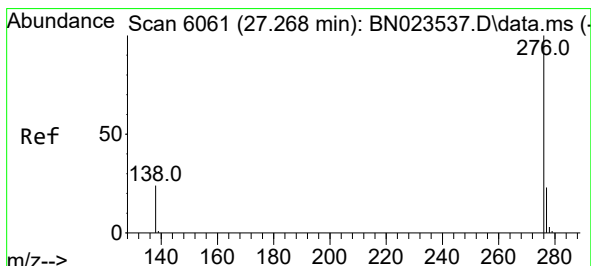
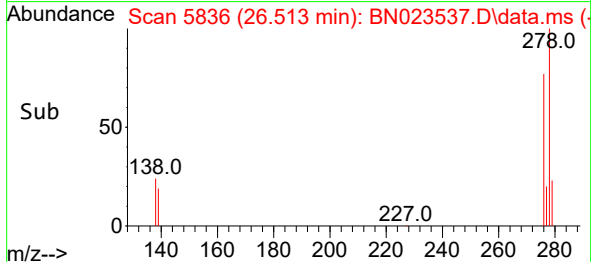
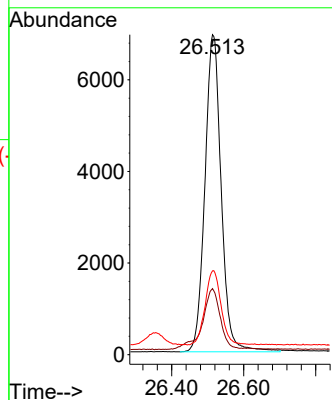
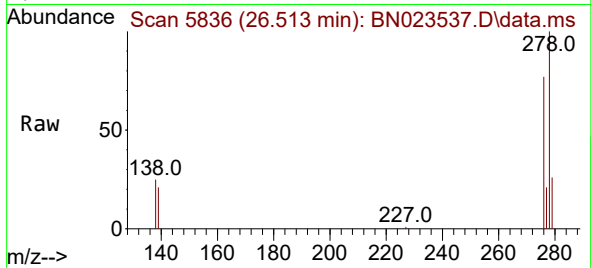




#28
 Dibenzo(a,h)anthracene
 Concen: 0.365 ng/ul
 RT: 26.513 min Scan# 5836
 Delta R.T. 0.000 min
 Lab File: BN023537.D
 Acq: 03 Jan 2023 14:55

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4225

Tgt Ion:278 Resp: 21771
 Ion Ratio Lower Upper
 278 100
 139 20.6 16.5 24.7
 279 26.2 21.0 31.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.351 ng/ul
 RT: 27.268 min Scan# 6061
 Delta R.T. 0.000 min
 Lab File: BN023537.D
 Acq: 03 Jan 2023 14:55

Tgt Ion:276 Resp: 21985
 Ion Ratio Lower Upper
 276 100
 138 25.9 20.7 31.1
 277 24.5 19.6 29.4

