

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023540.D
 Acq On : 03 Jan 2023 16:44
 Operator : CG/JU
 Sample : SSTD3.269
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2228

Quant Time: Jan 04 00:18:23 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

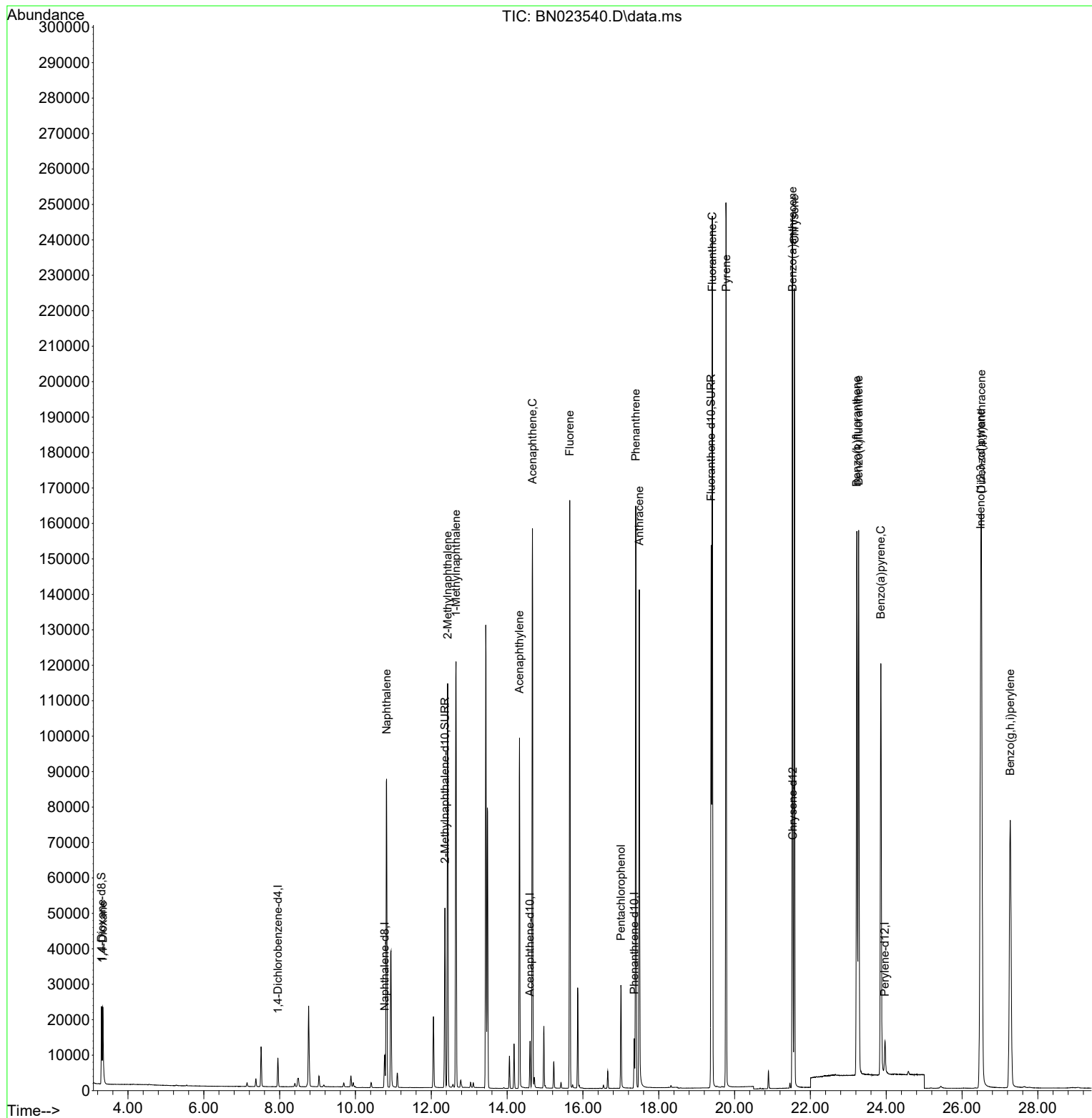
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	3991	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	12118	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	7019	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	15234	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	15755	0.400	ng/ul	0.00
23) Perylene-d12	23.966	264	12800	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	14507	3.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	62650	3.342	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	154834	2.717	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	15336	3.456	ng/ul#	82
5) Naphthalene	10.821	128	115993	3.260	ng/ul	98
7) 2-Methylnaphthalene	12.432	142	75141	3.301	ng/ul	100
8) 1-Methylnaphthalene	12.652	142	78765	3.360	ng/ul	100
10) Acenaphthylene	14.326	152	106071	3.410	ng/ul	99
11) Acenaphthene	14.668	153	85683	3.270	ng/ul	99
12) Fluorene	15.654	166	99734	3.385	ng/ul	99
14) Pentachlorophenol	17.002	266	17972	4.252	ng/ul	100
15) Phenanthrene	17.394	178	162955	3.285	ng/ul	99
16) Anthracene	17.487	178	148788	3.616	ng/ul	99
19) Fluoranthene	19.411	202	197181	2.580	ng/ul	99
20) Pyrene	19.778	202	200107	2.597	ng/ul	99
21) Benzo(a)anthracene	21.525	228	193806	3.160	ng/ul	99
22) Chrysene	21.578	228	187759	3.010	ng/ul	99
24) Benzo(b)fluoranthene	23.223	252	202292	3.056	ng/ul	92
25) Benzo(k)fluoranthene	23.273	252	191958	3.088	ng/ul#	93
26) Benzo(a)pyrene	23.858	252	168216	3.209	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.493	276	210128	3.435	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.510	278	167448	3.528	ng/ul	96
29) Benzo(g,h,i)perylene	27.271	276	165928	3.327	ng/ul	98

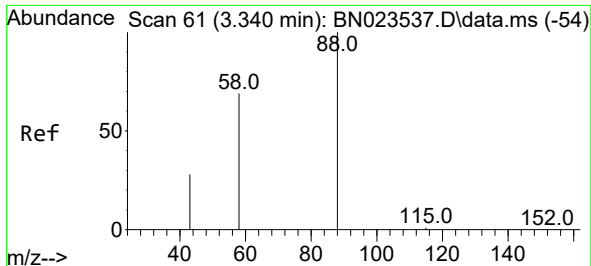
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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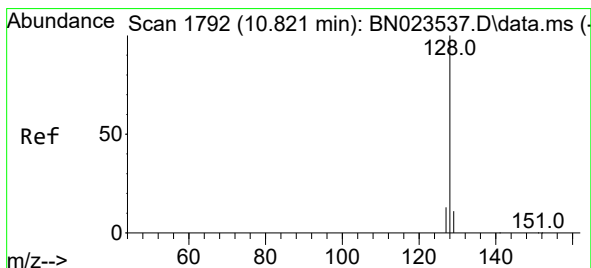
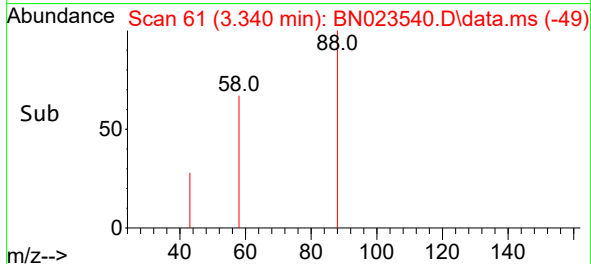
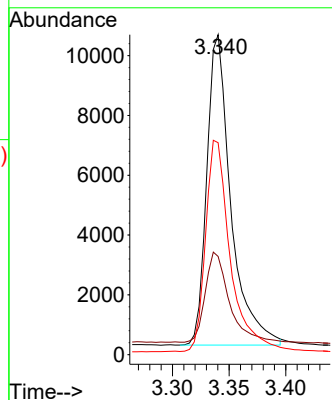
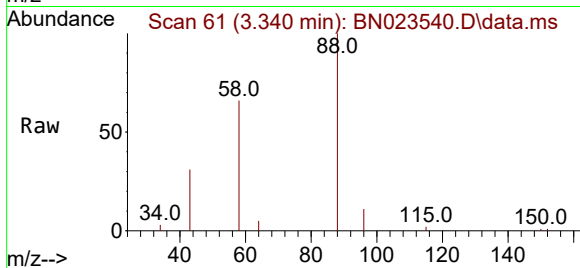




#2
1,4-Dioxane
Concen: 3.456 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

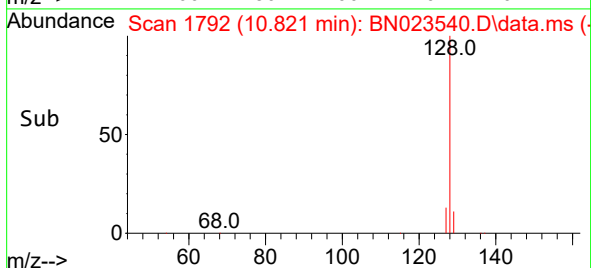
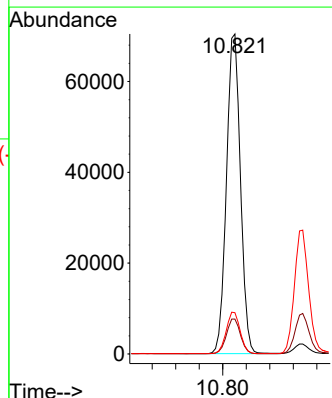
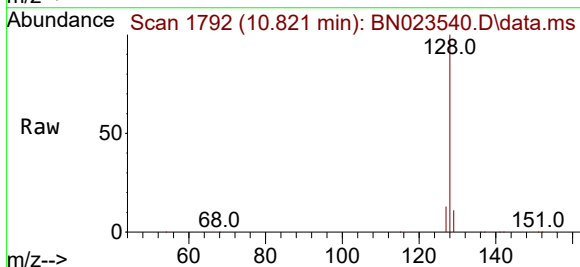
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

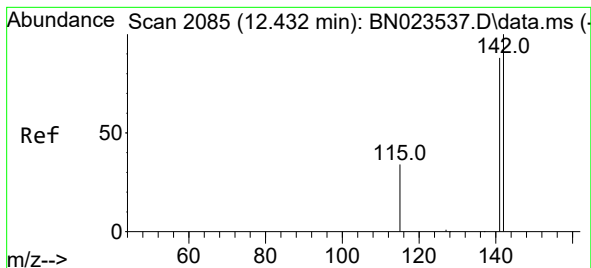
Tgt Ion: 88 Resp: 15336
Ion Ratio Lower Upper
88 100
43 30.7 44.0 66.0#
58 66.3 50.5 75.7



#5
Naphthalene
Concen: 3.260 ng/ul
RT: 10.821 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Tgt Ion:128 Resp: 115993
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.9 10.9 16.3

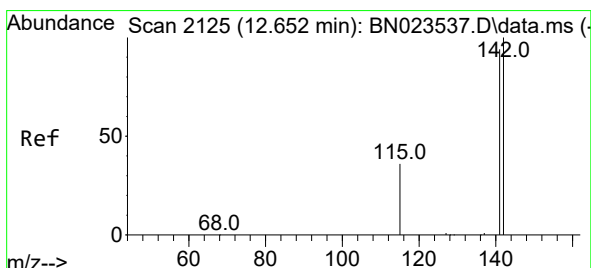
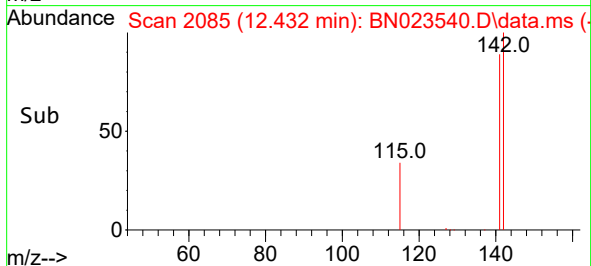
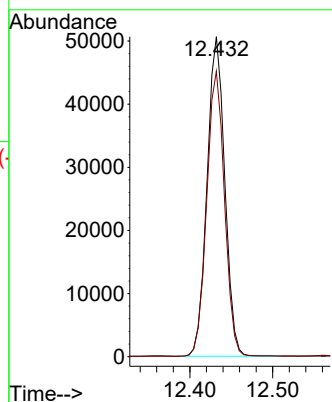
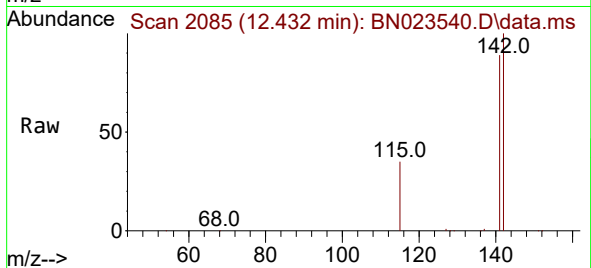




#7
2-Methylnaphthalene
Concen: 3.301 ng/ul
RT: 12.432 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

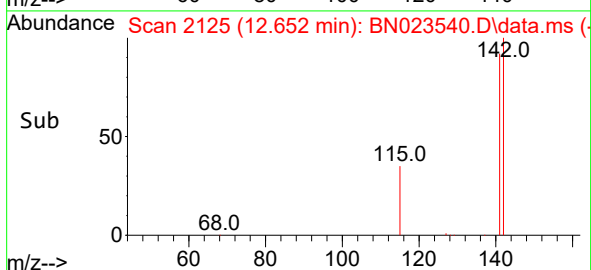
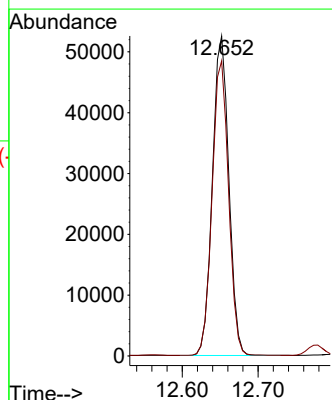
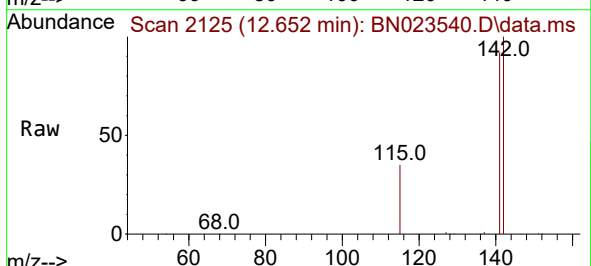
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

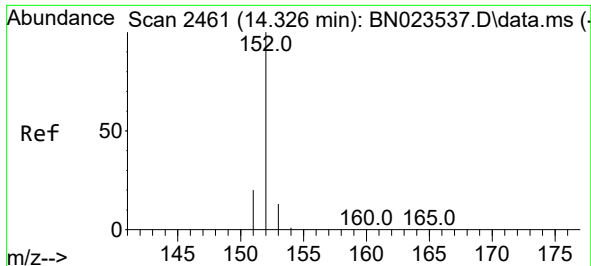
Tgt Ion:142 Resp: 75141
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2



#8
1-Methylnaphthalene
Concen: 3.360 ng/ul
RT: 12.652 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Tgt Ion:142 Resp: 78765
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1

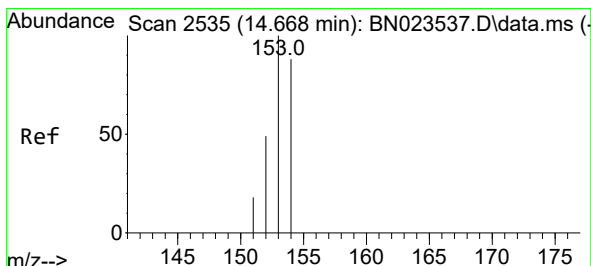
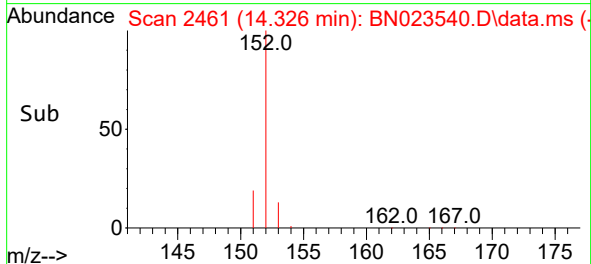
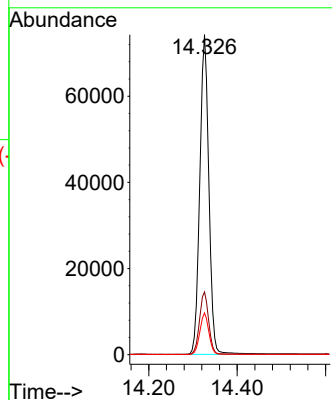
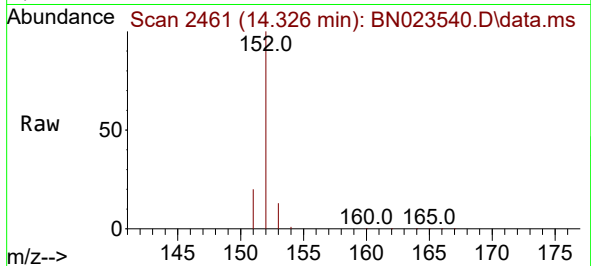




#10
Acenaphthylene
Concen: 3.410 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

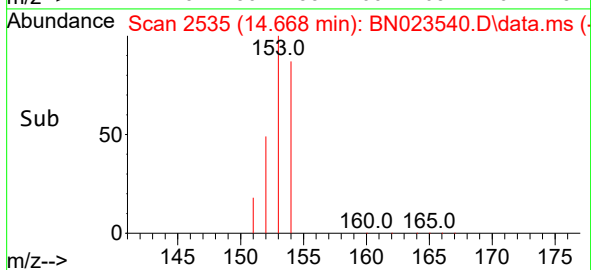
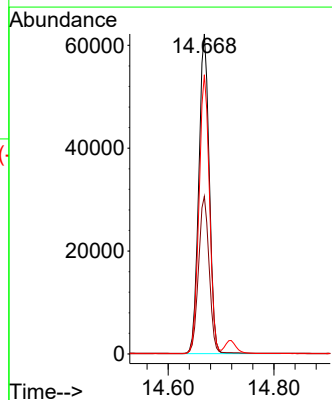
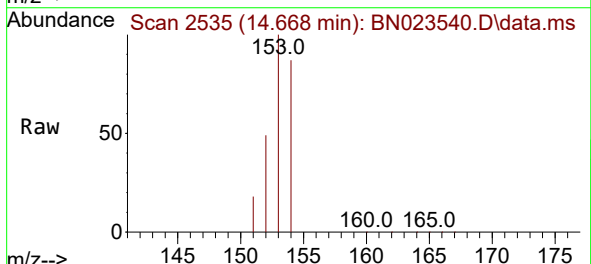
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

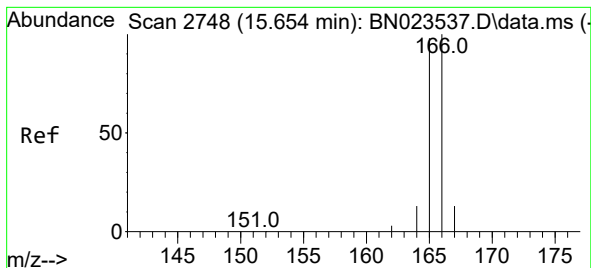
Tgt Ion:152 Resp: 106071
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.1 10.7 16.1



#11
Acenaphthene
Concen: 3.270 ng/ul
RT: 14.668 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Tgt Ion:153 Resp: 85683
Ion Ratio Lower Upper
153 100
152 49.2 39.8 59.8
154 87.2 70.1 105.1





#12

Fluorene

Concen: 3.385 ng/ul

RT: 15.654 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023540.D

Acq: 03 Jan 2023 16:44

Instrument :

BNA_N

ClientSampleId :

SSTD3.2228

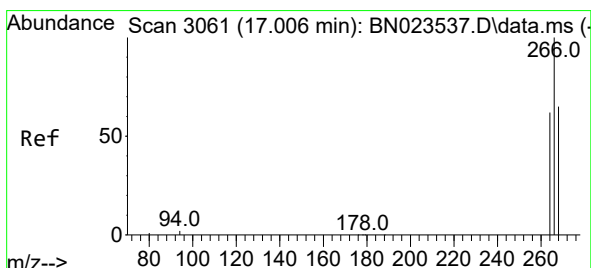
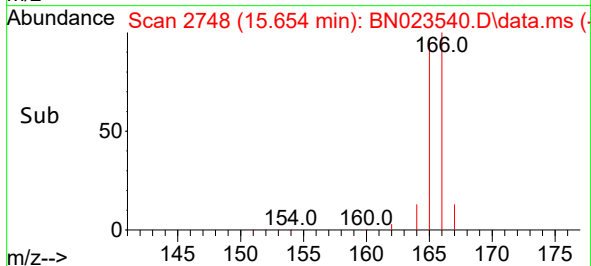
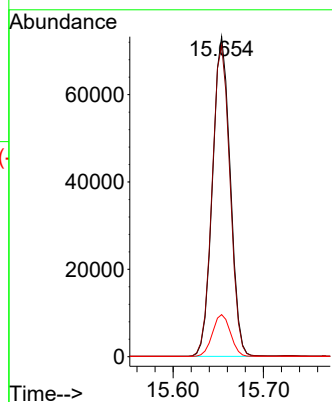
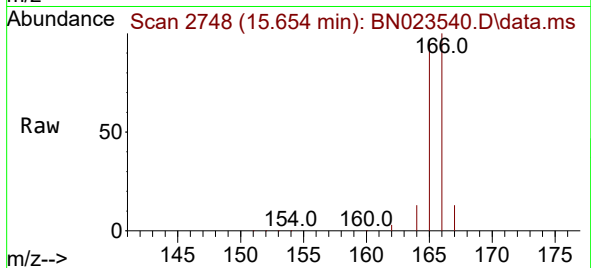
Tgt Ion:166 Resp: 99734

Ion Ratio Lower Upper

166 100

165 97.3 78.7 118.1

167 13.2 11.0 16.6



#14

Pentachlorophenol

Concen: 4.252 ng/ul

RT: 17.002 min Scan# 3060

Delta R.T. -0.004 min

Lab File: BN023540.D

Acq: 03 Jan 2023 16:44

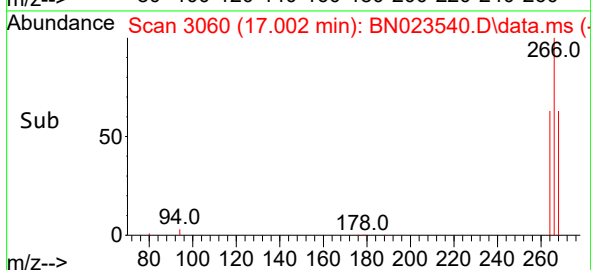
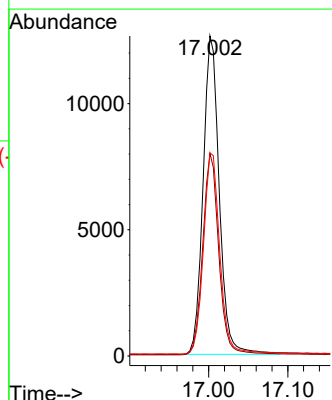
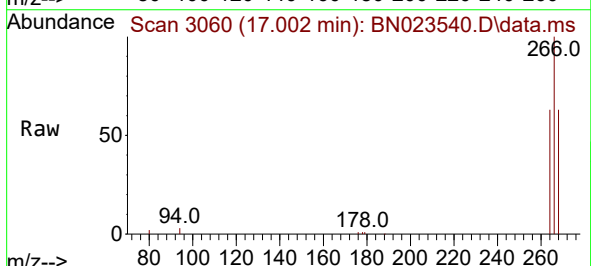
Tgt Ion:266 Resp: 17972

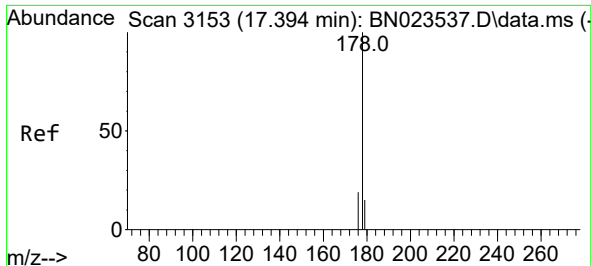
Ion Ratio Lower Upper

266 100

264 62.7 50.0 75.0

268 63.8 51.4 77.0

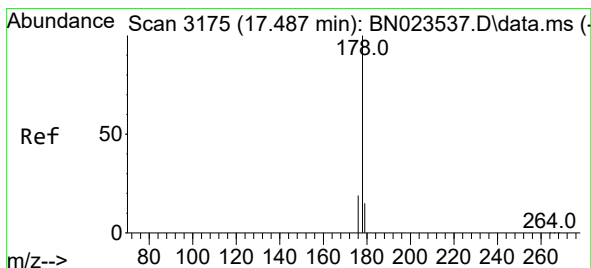
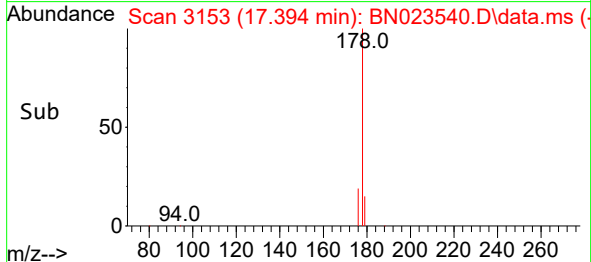
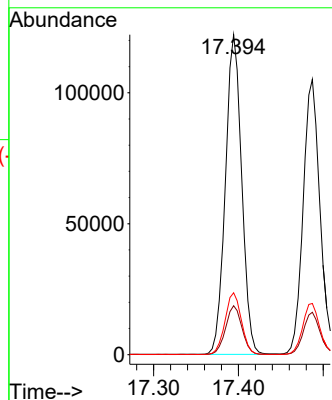
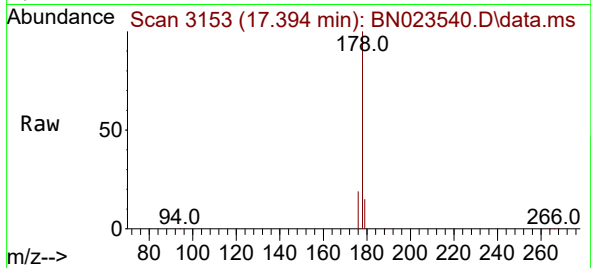




#15
Phenanthrene
Concen: 3.285 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

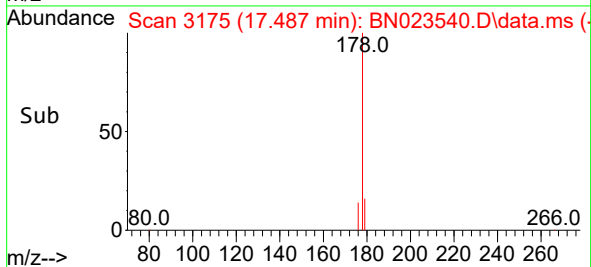
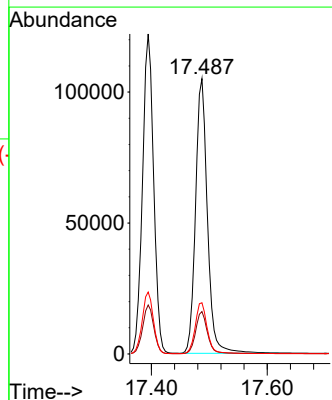
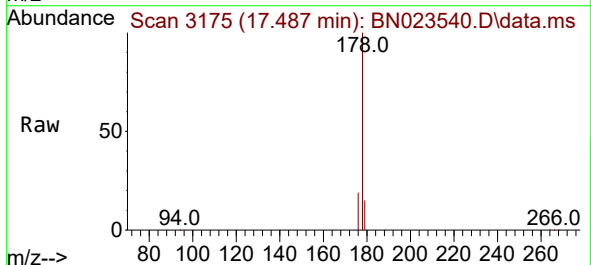
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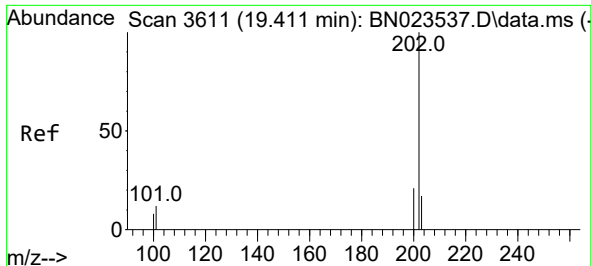
Tgt Ion:178 Resp: 162955
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.3 15.8 23.8



#16
Anthracene
Concen: 3.616 ng/ul
RT: 17.487 min Scan# 3175
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Tgt Ion:178 Resp: 148788
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.6 15.4 23.2

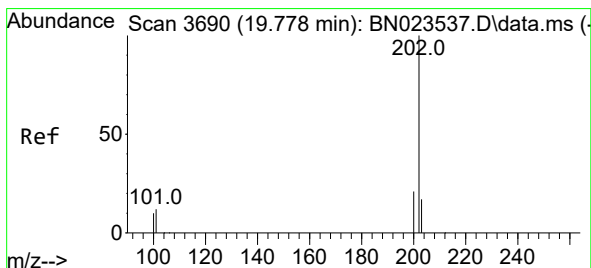
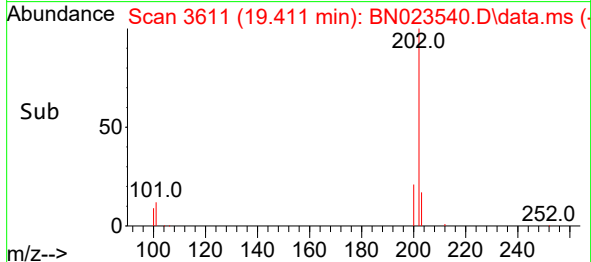
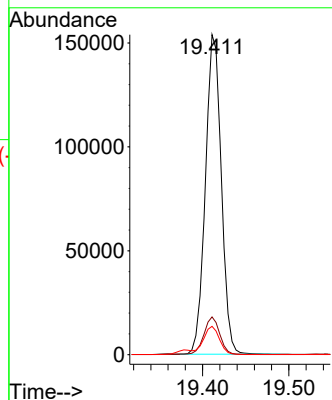
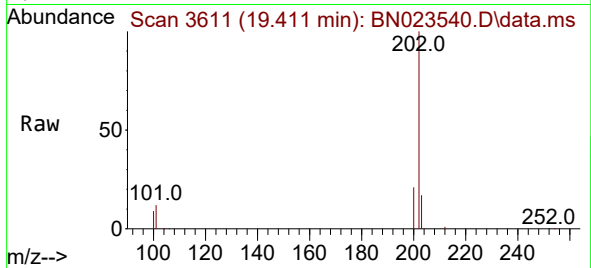




#19
Fluoranthene
Concen: 2.580 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

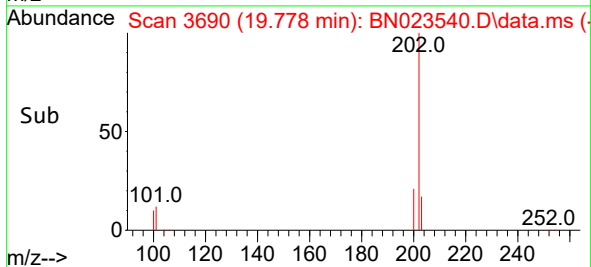
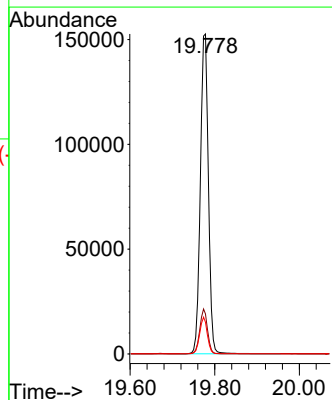
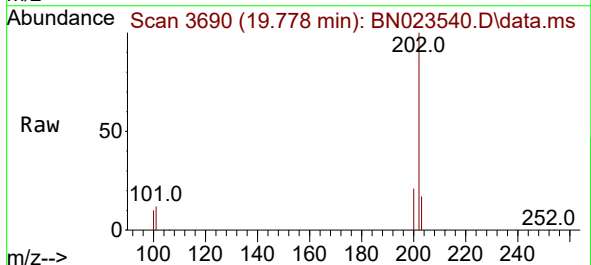
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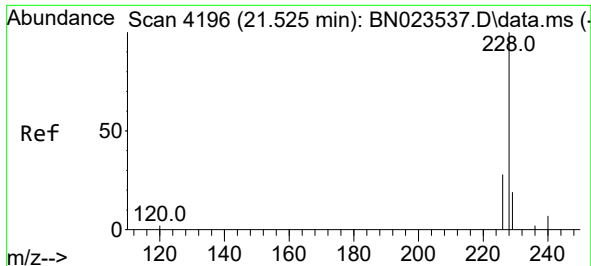
Tgt Ion:202 Resp: 197181
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
100 8.9 7.4 11.2



#20
Pyrene
Concen: 2.597 ng/ul
RT: 19.778 min Scan# 3690
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

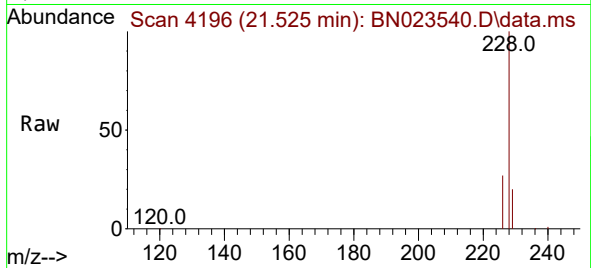
Tgt Ion:202 Resp: 200107
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.9 8.0 12.0



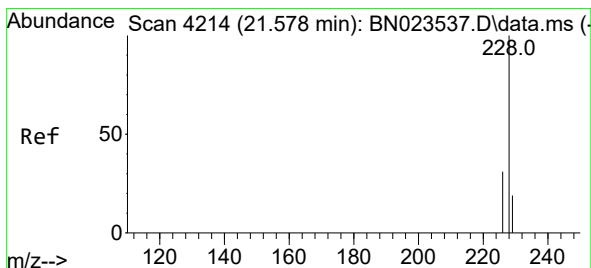
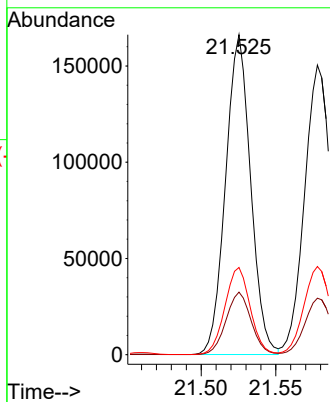
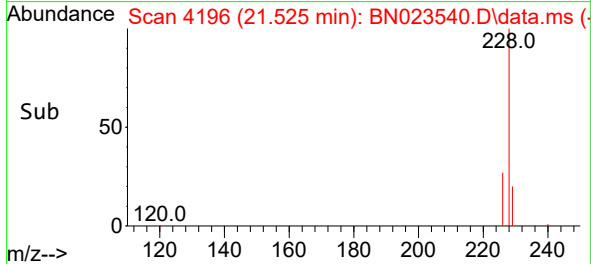


#21
Benzo(a)anthracene
Concen: 3.160 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

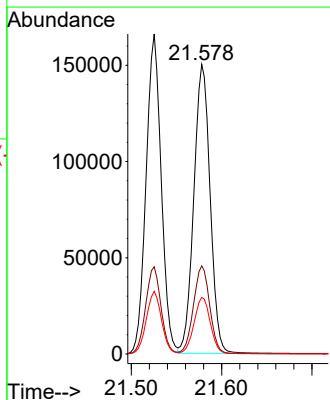
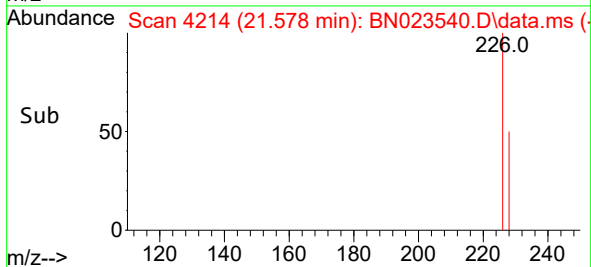
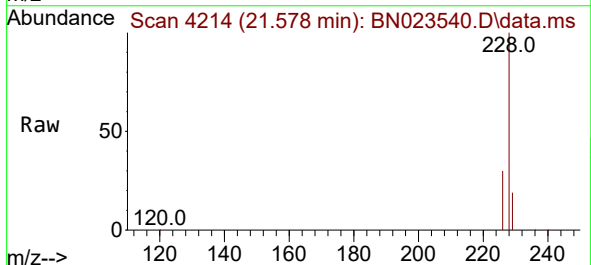


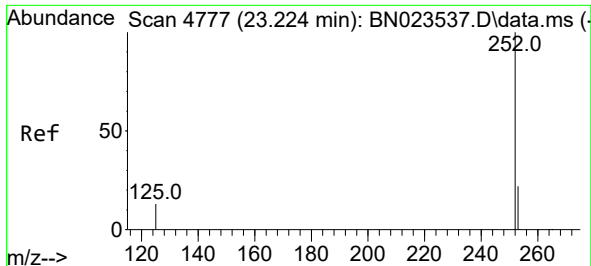
Tgt Ion:228 Resp: 193806
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.3 22.4 33.6



#22
Chrysene
Concen: 3.010 ng/ul
RT: 21.578 min Scan# 4214
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Tgt Ion:228 Resp: 187759
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 19.5 15.8 23.6

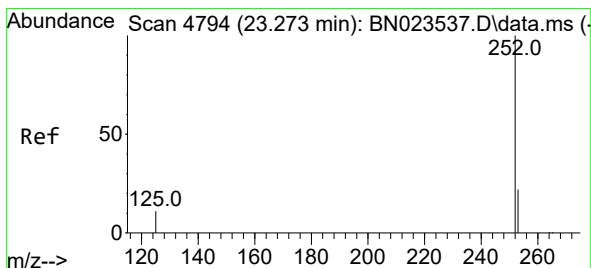
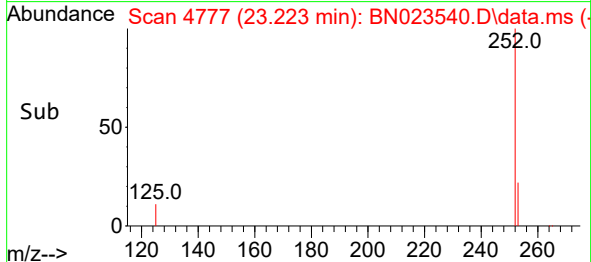
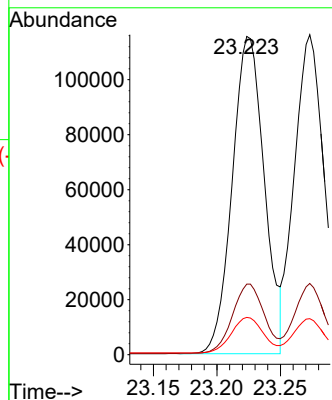
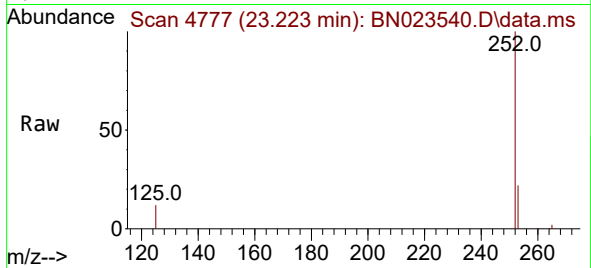




#24
Benzo(b)fluoranthene
Concen: 3.056 ng/ul
RT: 23.223 min Scan# 4777
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

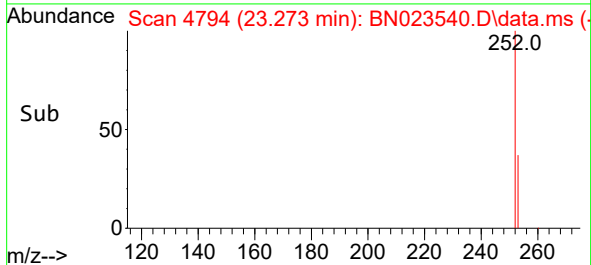
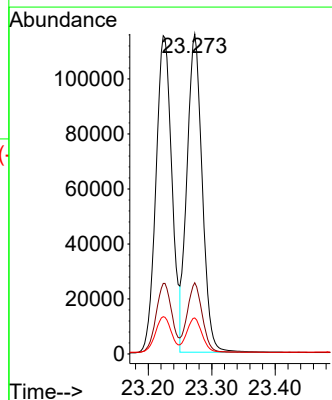
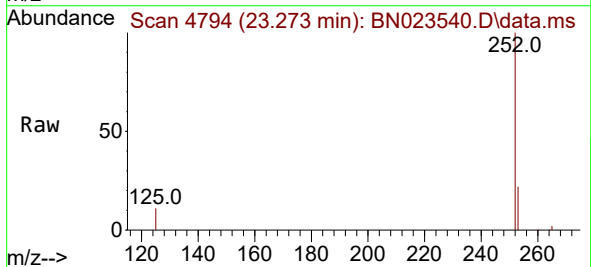
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

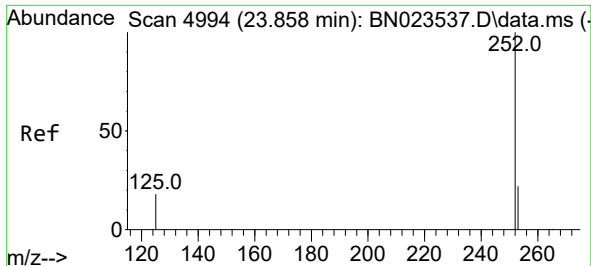
Tgt Ion:252 Resp: 202292
Ion Ratio Lower Upper
252 100
253 22.2 0.0 49.2
125 11.7 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 3.088 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

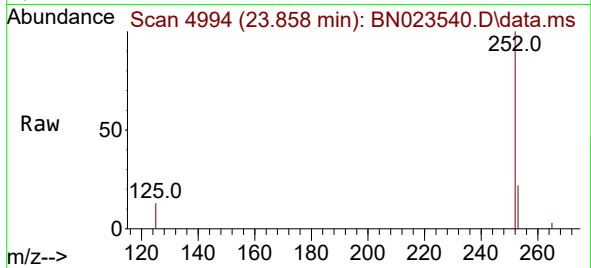
Tgt Ion:252 Resp: 191958
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.2
125 11.2 12.1 18.1#



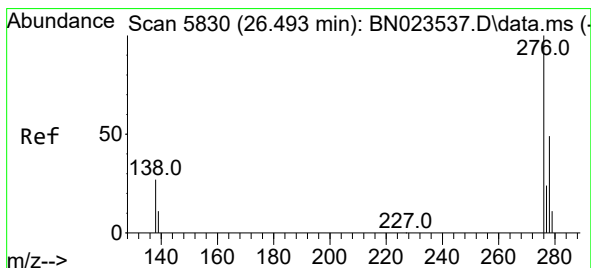
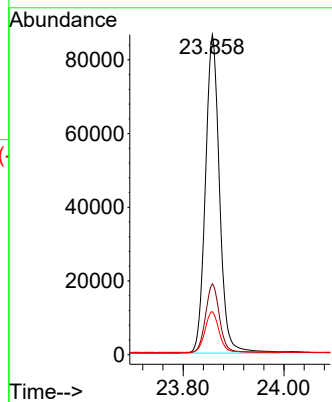
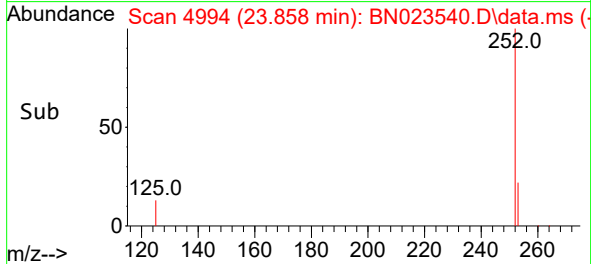


#26
Benzo(a)pyrene
Concen: 3.209 ng/ul
RT: 23.858 min Scan# 4994
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

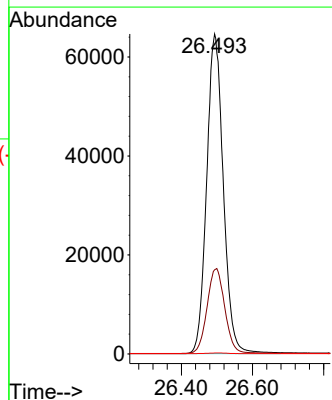
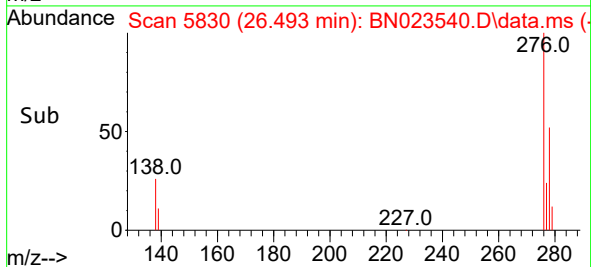
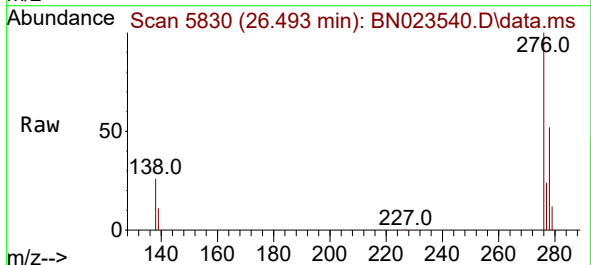


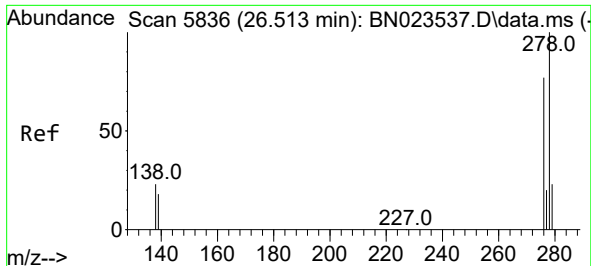
Tgt Ion:252 Resp: 168216
Ion Ratio Lower Upper
252 100
253 22.1 21.4 32.0
125 13.4 18.4 27.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.435 ng/ul
RT: 26.493 min Scan# 5830
Delta R.T. -0.000 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Tgt Ion:276 Resp: 210128
Ion Ratio Lower Upper
276 100
138 28.3 23.2 34.8
227 0.2 0.1 0.1#

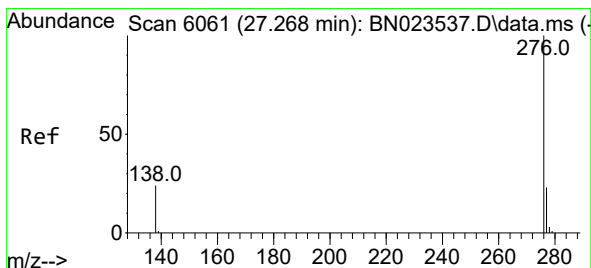
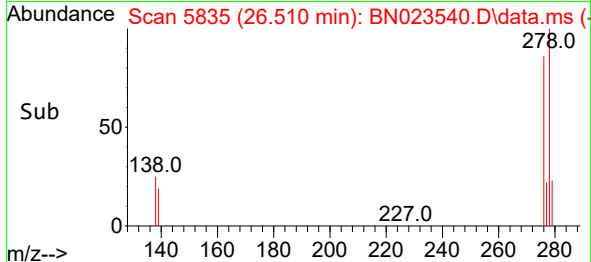
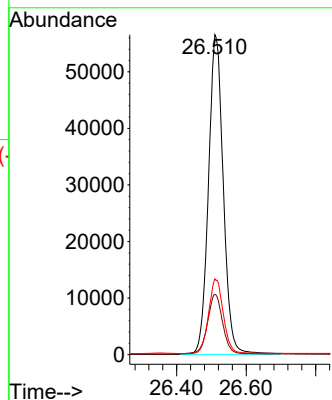
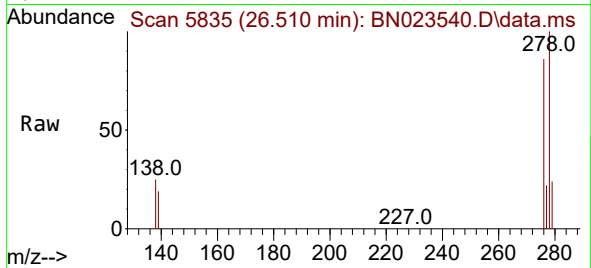




#28
Dibenzo(a,h)anthracene
Concen: 3.528 ng/ul
RT: 26.510 min Scan# 5835
Delta R.T. -0.003 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:278 Resp: 167448
Ion Ratio Lower Upper
278 100
139 18.9 16.5 24.7
279 23.7 21.0 31.4



#29
Benzo(g,h,i)perylene
Concen: 3.327 ng/ul
RT: 27.271 min Scan# 6062
Delta R.T. 0.003 min
Lab File: BN023540.D
Acq: 03 Jan 2023 16:44

Tgt Ion:276 Resp: 165928
Ion Ratio Lower Upper
276 100
138 24.5 20.7 31.1
277 24.0 19.6 29.4

