

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023538.D
 Acq On : 03 Jan 2023 15:31
 Operator : CG/JU
 Sample : SST0.867
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8226

Quant Time: Jan 04 00:18:01 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

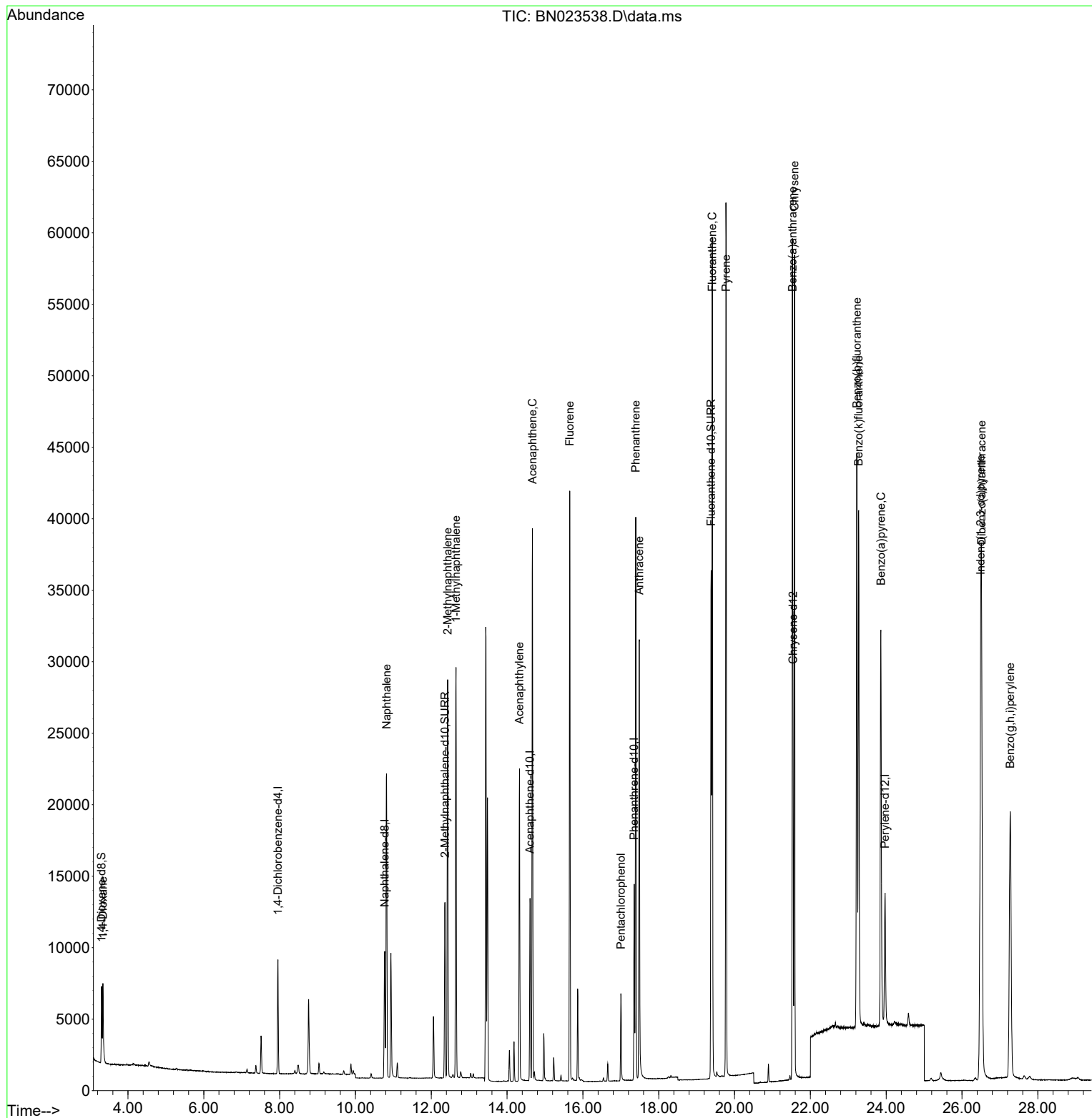
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	3893	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	11641	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	6769	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	15032	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	14909	0.400	ng/ul	0.00
23) Perylene-d12	23.971	264	12595	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	3669	0.867	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.361	152	15359	0.853	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	37239	0.691	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	3882	0.897	ng/ul#	90
5) Naphthalene	10.821	128	28719	0.840	ng/ul	99
7) 2-Methylnaphthalene	12.432	142	18603	0.851	ng/ul	100
8) 1-Methylnaphthalene	12.652	142	18816	0.836	ng/ul	100
10) Acenaphthylene	14.326	152	24051	0.802	ng/ul	100
11) Acenaphthene	14.668	153	21118	0.836	ng/ul	99
12) Fluorene	15.654	166	24359	0.857	ng/ul	99
14) Pentachlorophenol	17.002	266	4033	0.967	ng/ul	99
15) Phenanthrene	17.394	178	40592	0.829	ng/ul	99
16) Anthracene	17.487	178	34879	0.859	ng/ul	100
19) Fluoranthene	19.411	202	48588	0.672	ng/ul	99
20) Pyrene	19.773	202	50085	0.687	ng/ul	96
21) Benzo(a)anthracene	21.527	228	46997	0.810	ng/ul	99
22) Chrysene	21.580	228	47476	0.804	ng/ul	98
24) Benzo(b)fluoranthene	23.225	252	50084	0.769	ng/ul	95
25) Benzo(k)fluoranthene	23.275	252	48344	0.790	ng/ul	95
26) Benzo(a)pyrene	23.860	252	41500	0.805	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.491	276	52179	0.867	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.515	278	41526	0.889	ng/ul	97
29) Benzo(g,h,i)perylene	27.273	276	42015	0.856	ng/ul	98

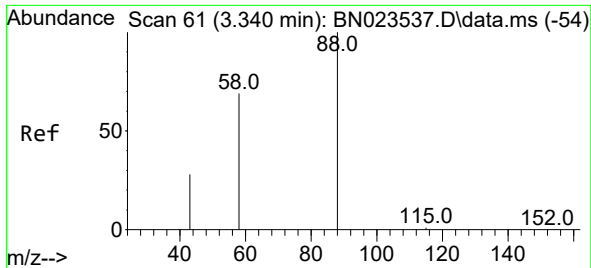
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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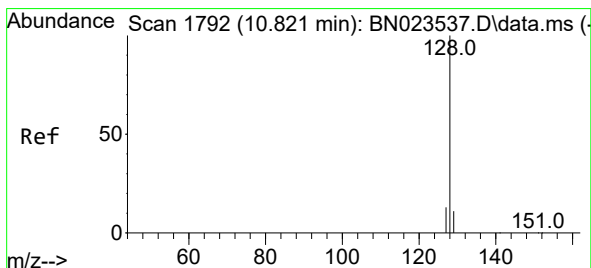
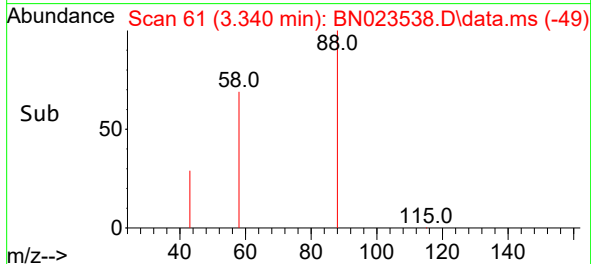
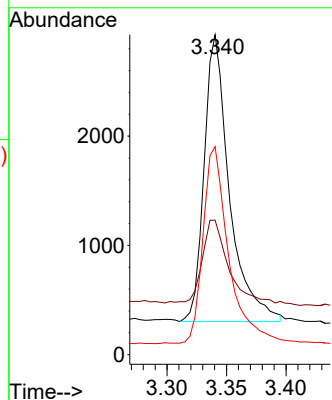
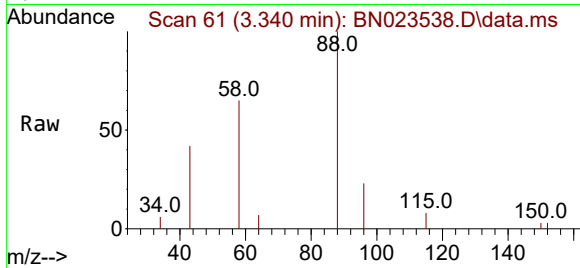




#2
1,4-Dioxane
Concen: 0.897 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

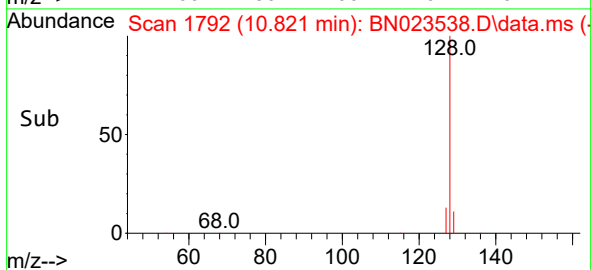
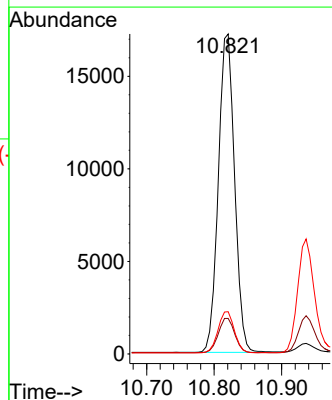
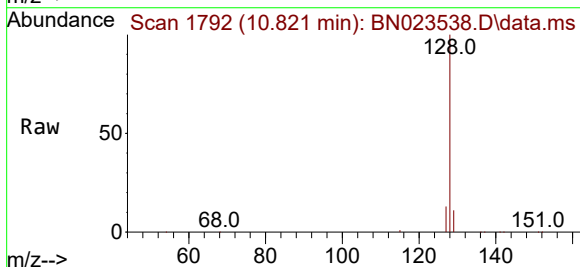
Instrument :
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SSTD0.8226

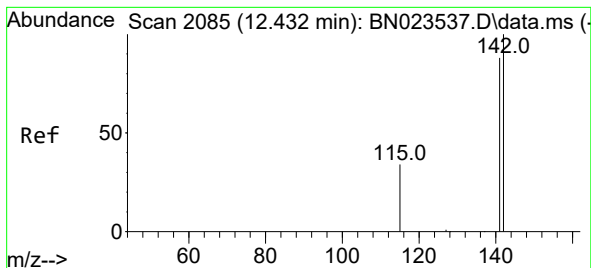
Tgt Ion: 88 Resp: 3882
Ion Ratio Lower Upper
88 100
43 42.1 44.0 66.0#
58 65.1 50.5 75.7



#5
Naphthalene
Concen: 0.840 ng/ul
RT: 10.821 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:128 Resp: 28719
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.2 10.9 16.3

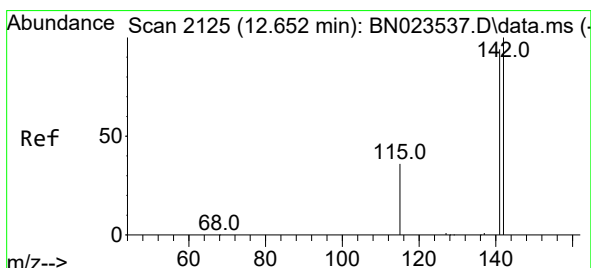
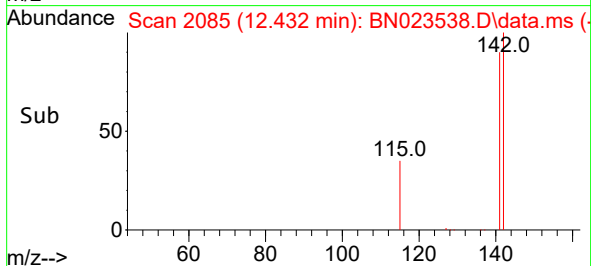
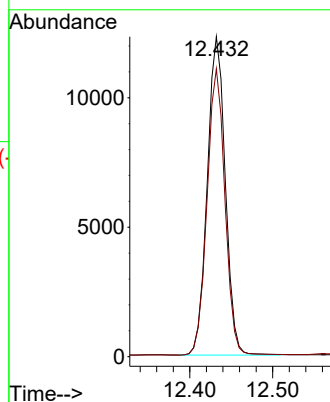
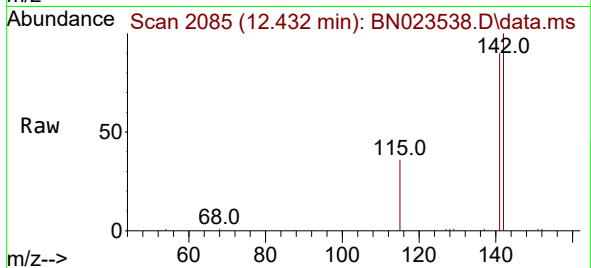




#7
2-Methylnaphthalene
Concen: 0.851 ng/ul
RT: 12.432 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

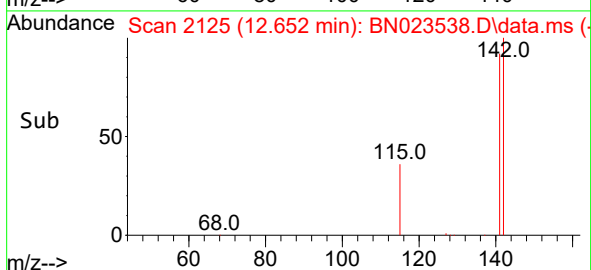
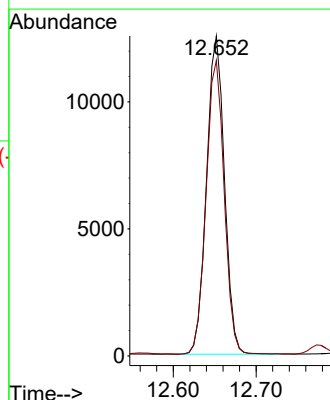
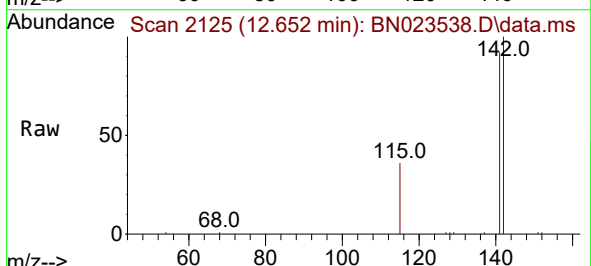
Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

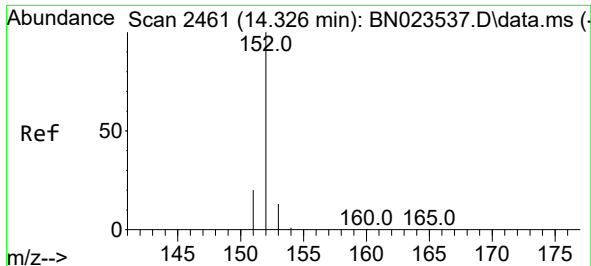
Tgt Ion:142 Resp: 18603
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.836 ng/ul
RT: 12.652 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:142 Resp: 18816
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

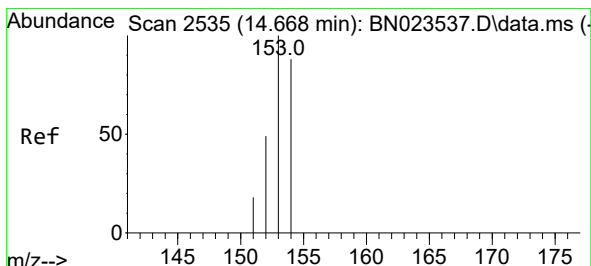
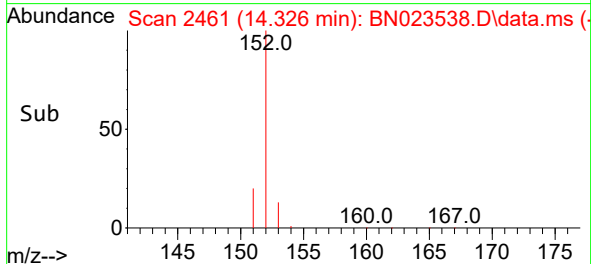
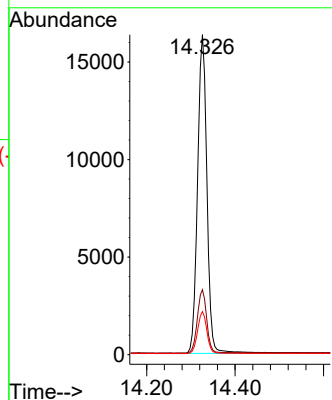
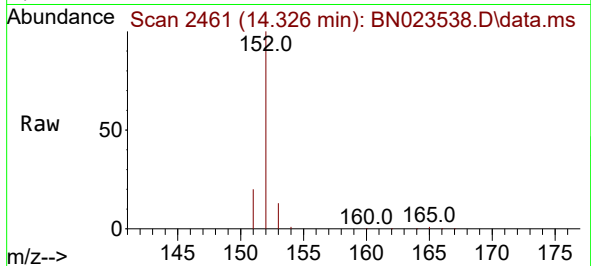




#10
Acenaphthylene
Concen: 0.802 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

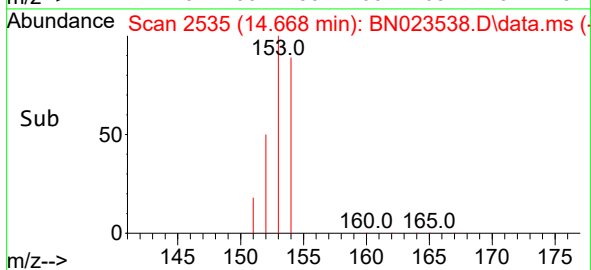
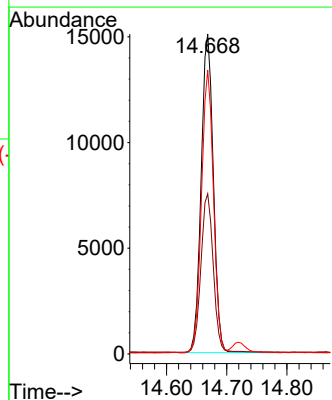
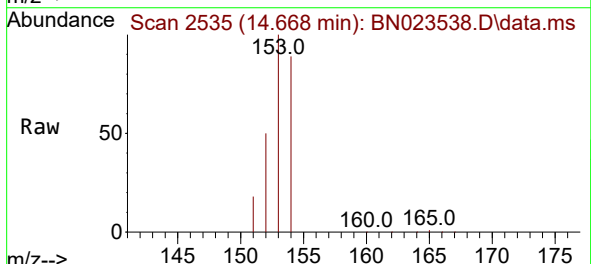
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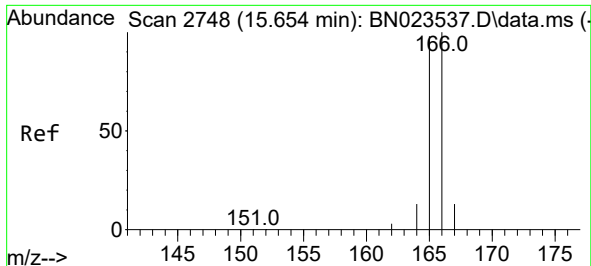
Tgt Ion:152 Resp: 24051
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.836 ng/ul
RT: 14.668 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:153 Resp: 21118
Ion Ratio Lower Upper
153 100
152 50.0 39.8 59.8
154 88.7 70.1 105.1

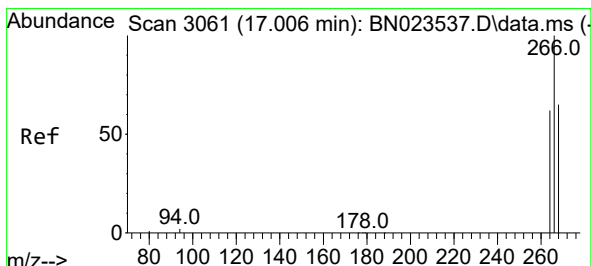
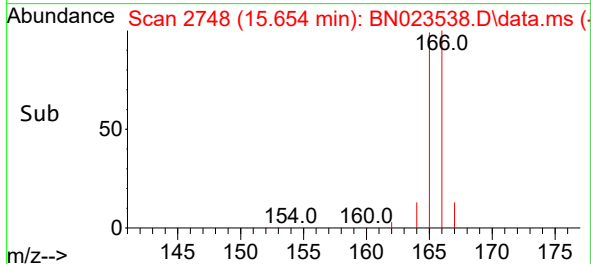
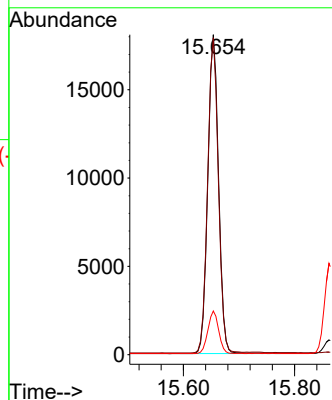
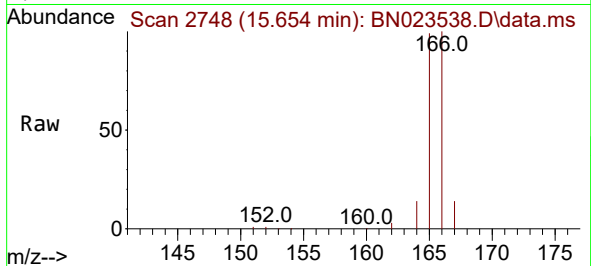




#12
Fluorene
Concen: 0.857 ng/ul
RT: 15.654 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

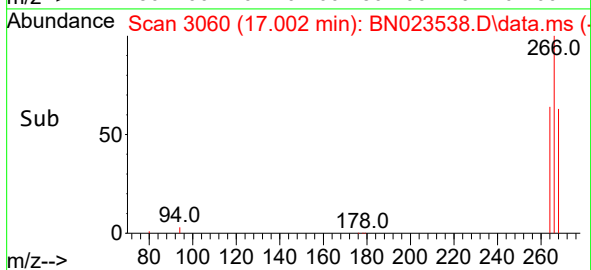
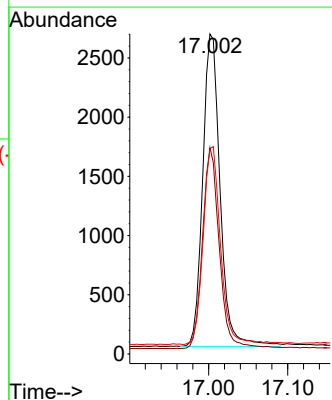
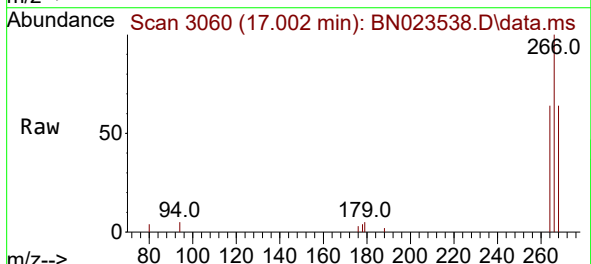
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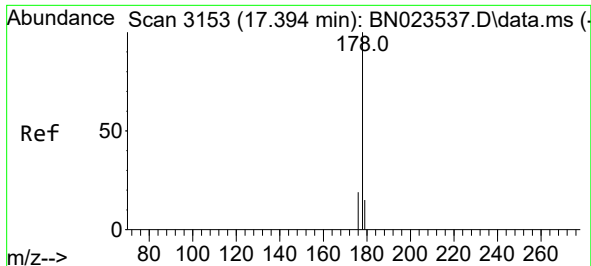
Tgt Ion:166 Resp: 24359
Ion Ratio Lower Upper
166 100
165 99.1 78.7 118.1
167 13.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.967 ng/ul
RT: 17.002 min Scan# 3060
Delta R.T. -0.004 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:266 Resp: 4033
Ion Ratio Lower Upper
266 100
264 62.1 50.0 75.0
268 63.7 51.4 77.0

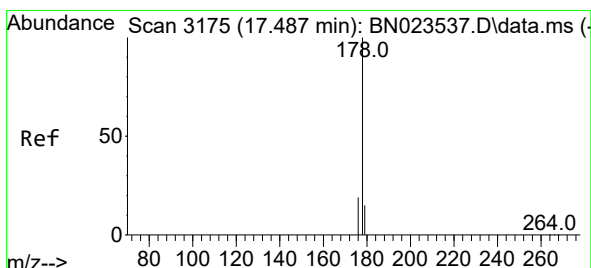
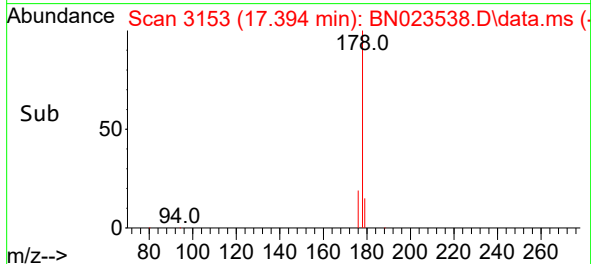
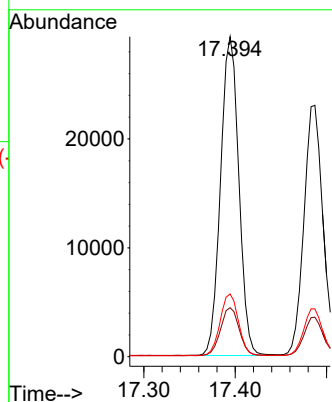
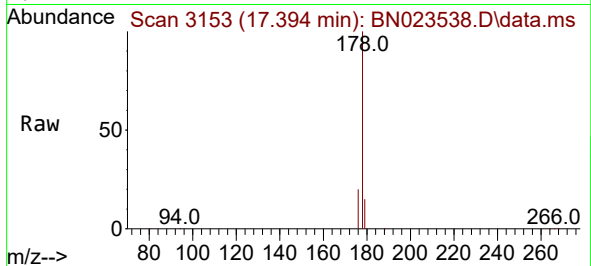




#15
Phenanthrene
Concen: 0.829 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

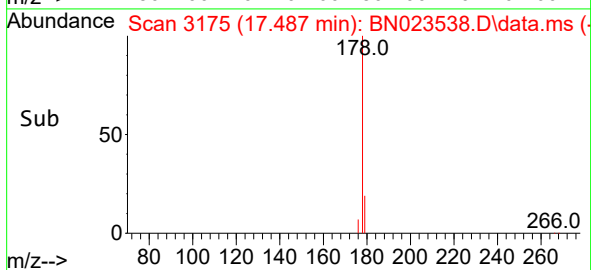
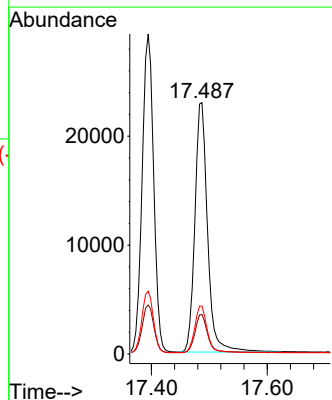
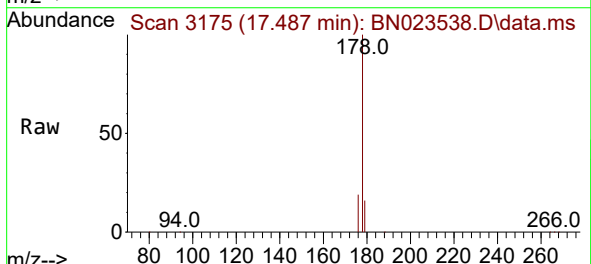
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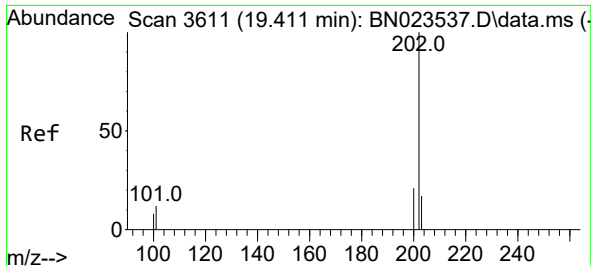
Tgt Ion:178 Resp: 40592
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.859 ng/ul
RT: 17.487 min Scan# 3175
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:178 Resp: 34879
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.4 23.2

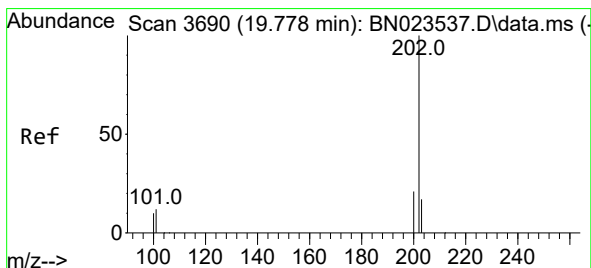
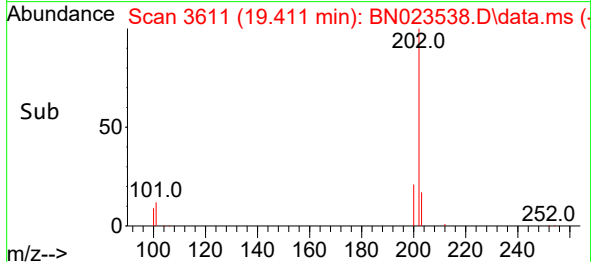
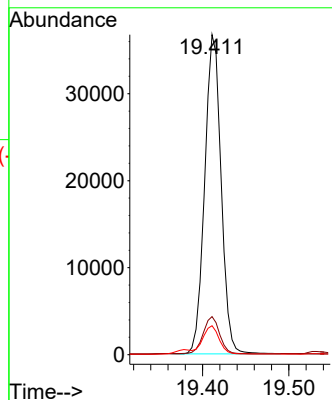
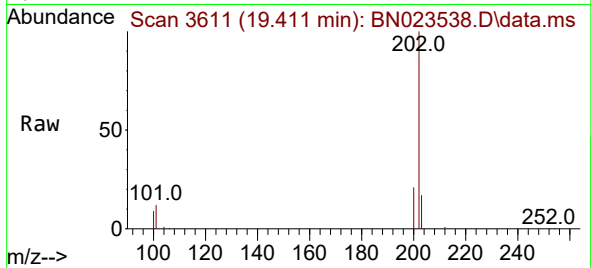




#19
Fluoranthene
Concen: 0.672 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

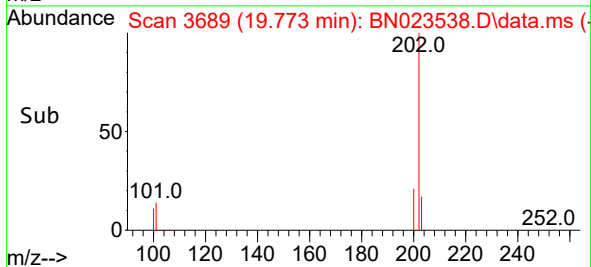
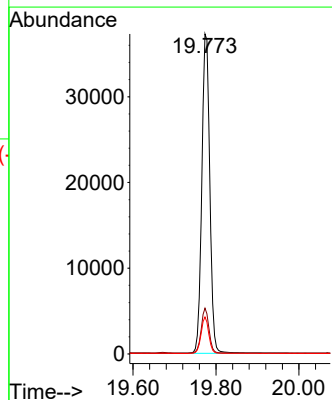
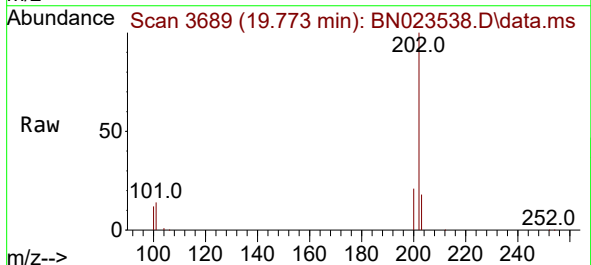
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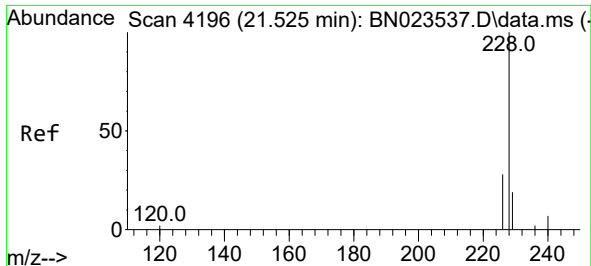
Tgt Ion:202 Resp: 48588
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
100 9.0 7.4 11.2



#20
Pyrene
Concen: 0.687 ng/ul
RT: 19.773 min Scan# 3689
Delta R.T. -0.005 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:202 Resp: 50085
Ion Ratio Lower Upper
202 100
101 14.3 10.3 15.5
100 11.6 8.0 12.0

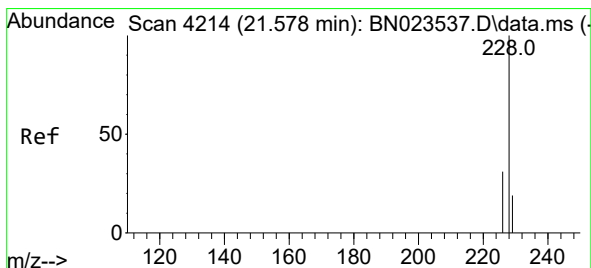
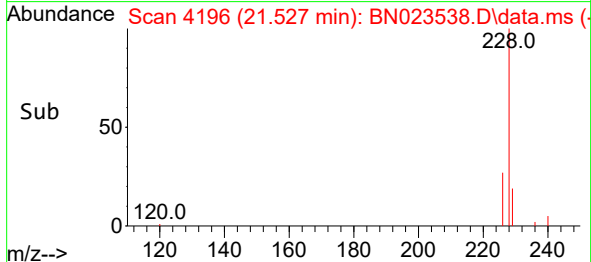
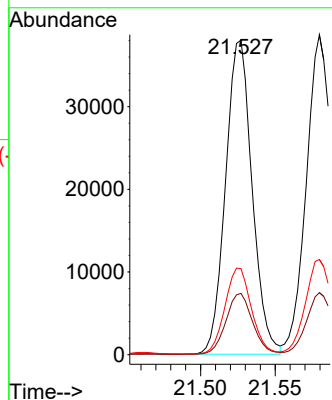
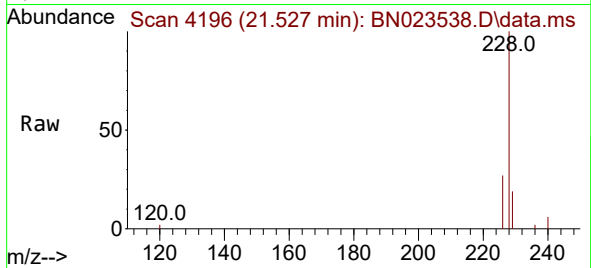




#21
Benzo(a)anthracene
Concen: 0.810 ng/ul
RT: 21.527 min Scan# 4196
Delta R.T. 0.002 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

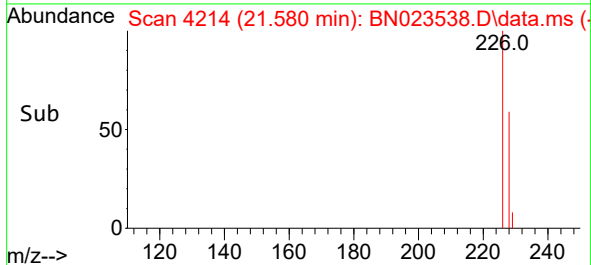
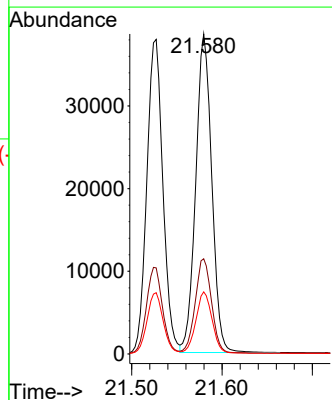
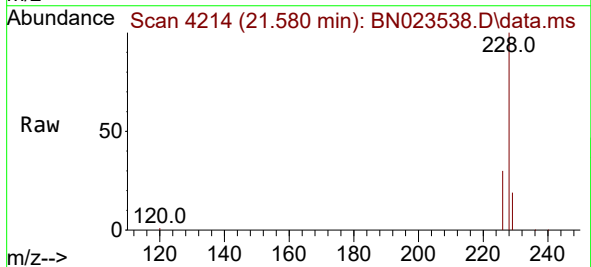
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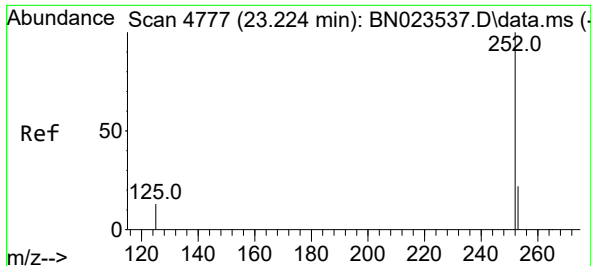
Tgt Ion:228 Resp: 46997
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 27.3 22.4 33.6



#22
Chrysene
Concen: 0.804 ng/ul
RT: 21.580 min Scan# 4214
Delta R.T. 0.002 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

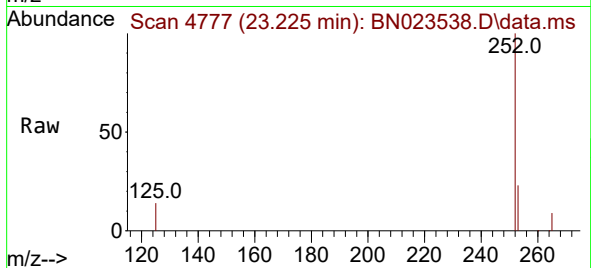
Tgt Ion:228 Resp: 47476
Ion Ratio Lower Upper
228 100
226 29.7 24.9 37.3
229 19.4 15.8 23.6



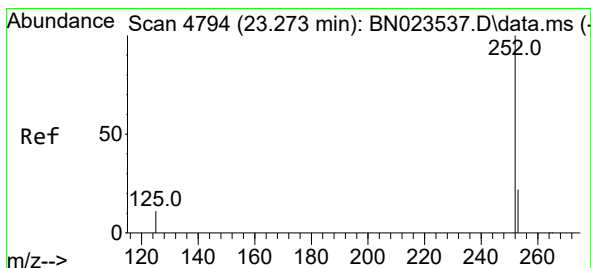
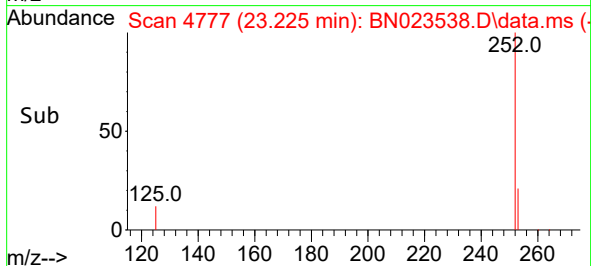
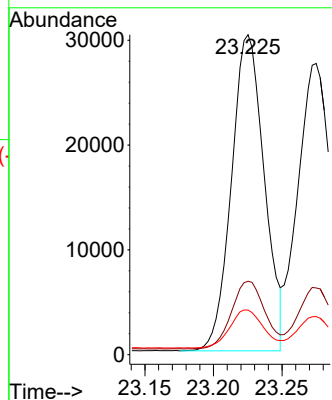


#24
Benzo(b)fluoranthene
Concen: 0.769 ng/ul
RT: 23.225 min Scan# 4777
Delta R.T. 0.002 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

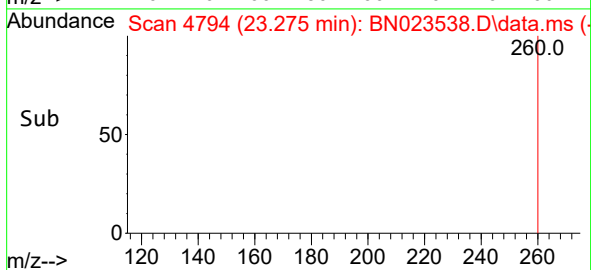
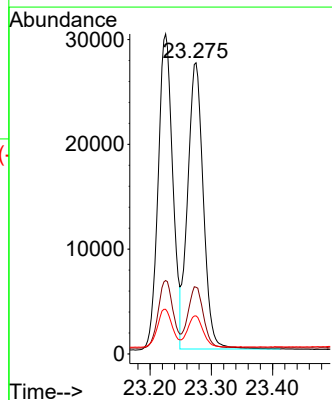
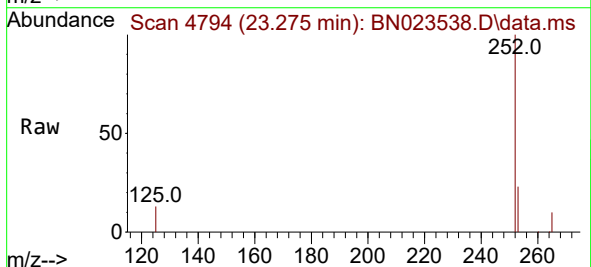


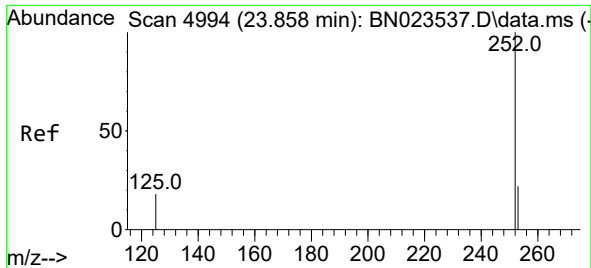
Tgt Ion:252 Resp: 50084
Ion Ratio Lower Upper
252 100
253 22.9 0.0 49.2
125 13.9 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.790 ng/ul
RT: 23.275 min Scan# 4794
Delta R.T. 0.002 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:252 Resp: 48344
Ion Ratio Lower Upper
252 100
253 22.9 20.2 30.2
125 13.1 12.1 18.1

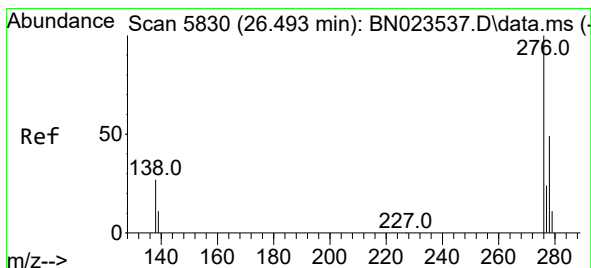
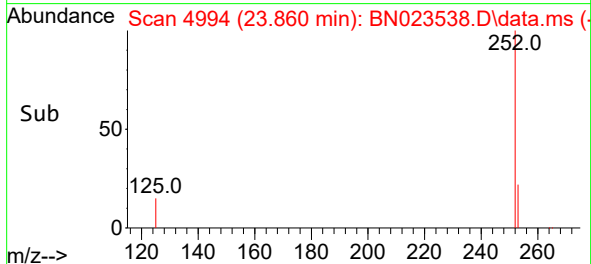
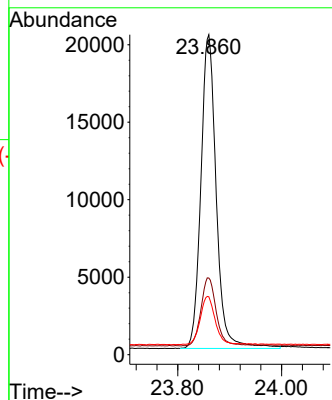
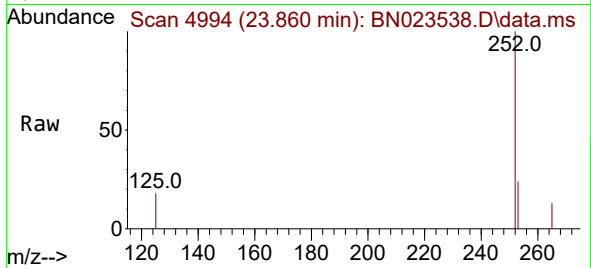




#26
Benzo(a)pyrene
Concen: 0.805 ng/ul
RT: 23.860 min Scan# 4994
Delta R.T. 0.002 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

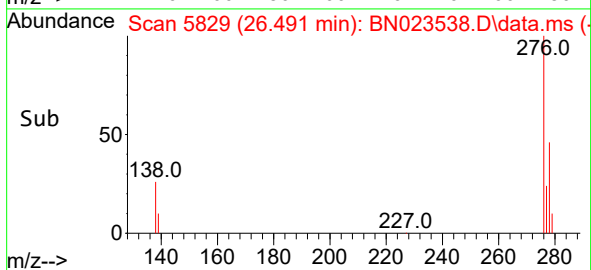
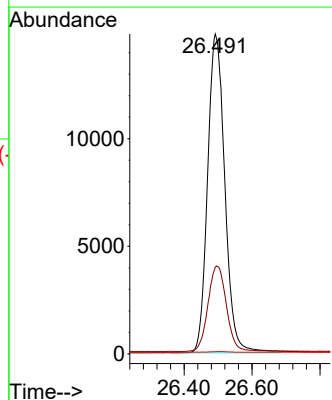
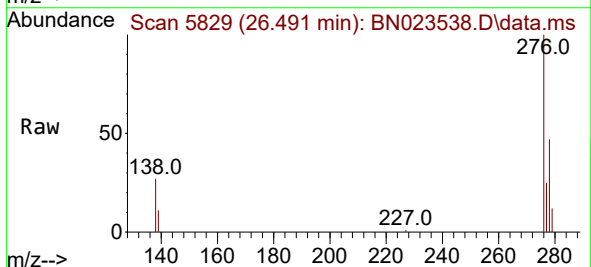
Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

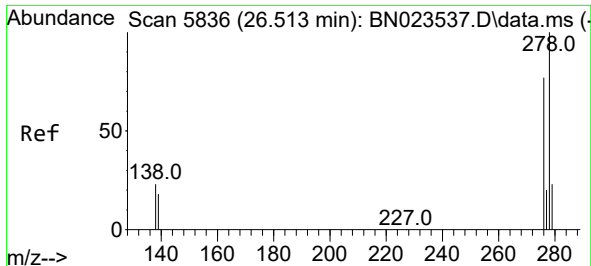
Tgt Ion:252 Resp: 41500
Ion Ratio Lower Upper
252 100
253 24.0 21.4 32.0
125 18.1 18.4 27.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.867 ng/ul
RT: 26.491 min Scan# 5829
Delta R.T. -0.002 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:276 Resp: 52179
Ion Ratio Lower Upper
276 100
138 28.8 23.2 34.8
227 0.2 0.1 0.1#

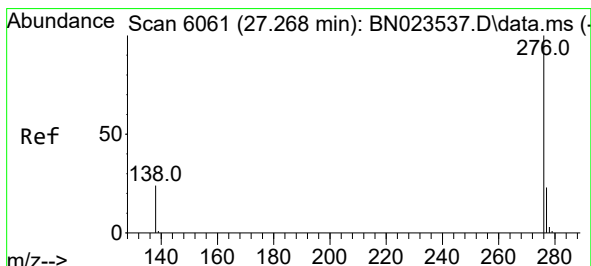
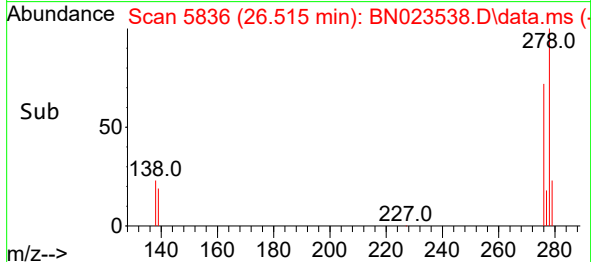
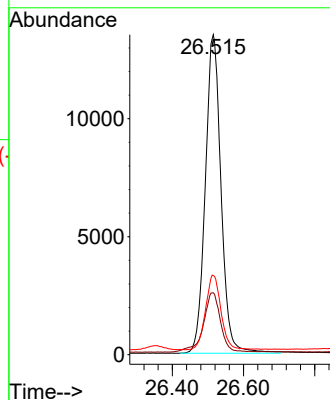
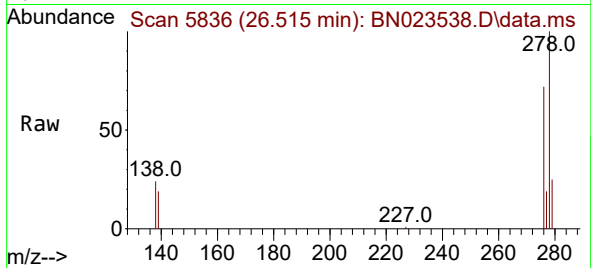




#28
Dibenzo(a,h)anthracene
Concen: 0.889 ng/ul
RT: 26.515 min Scan# 5836
Delta R.T. 0.002 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:278 Resp: 41526
Ion Ratio Lower Upper
278 100
139 19.3 16.5 24.7
279 24.7 21.0 31.4



#29
Benzo(g,h,i)perylene
Concen: 0.856 ng/ul
RT: 27.273 min Scan# 6062
Delta R.T. 0.005 min
Lab File: BN023538.D
Acq: 03 Jan 2023 15:31

Tgt Ion:276 Resp: 42015
Ion Ratio Lower Upper
276 100
138 25.0 20.7 31.1
277 23.8 19.6 29.4

