

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023544.D
 Acq On : 03 Jan 2023 19:11
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4365

Quant Time: Jan 04 03:54:46 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 00:28:51 2023
 Response via : Initial Calibration

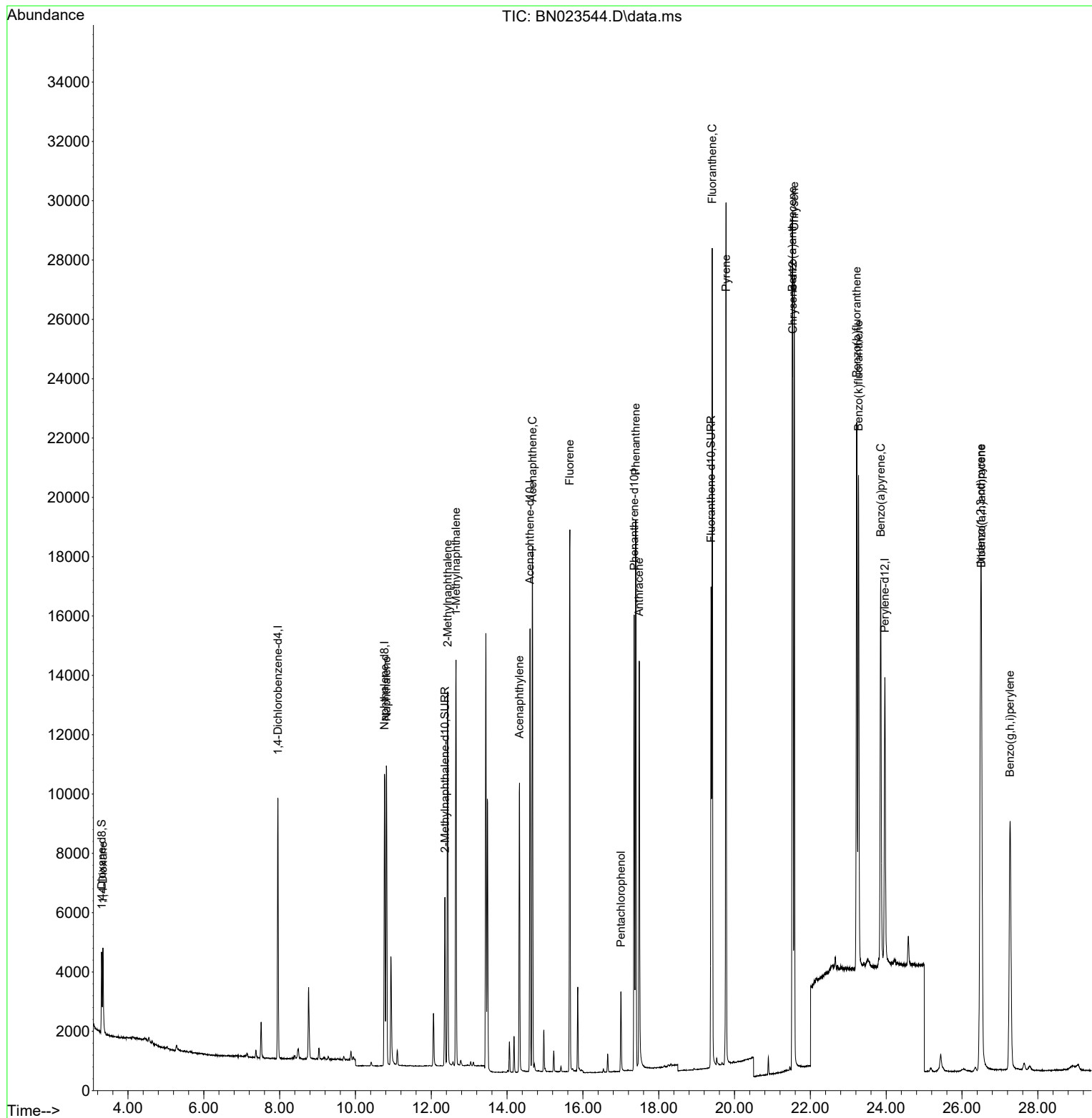
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	4415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.766	136	13211	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	7689	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	17314	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	16574	0.400	ng/ul	0.00
23) Perylene-d12	23.964	264	13491	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1842	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.361	152	7241	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.379	212	17281	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	1949	0.380	ng/ul	91
5) Naphthalene	10.815	128	13805	0.363	ng/ul	100
7) 2-Methylnaphthalene	12.432	142	8711	0.357	ng/ul	100
8) 1-Methylnaphthalene	12.652	142	8983	0.360	ng/ul	99
10) Acenaphthylene	14.327	152	10851	0.346	ng/ul	100
11) Acenaphthene	14.669	153	9939	0.360	ng/ul	99
12) Fluorene	15.655	166	11396	0.359	ng/ul	99
14) Pentachlorophenol	17.003	266	1825	0.327	ng/ul	100
15) Phenanthrene	17.395	178	19474	0.360	ng/ul	100
16) Anthracene	17.484	178	15944	0.344	ng/ul	99
19) Fluoranthene	19.412	202	22923	0.366	ng/ul	98
20) Pyrene	19.774	202	23640	0.358	ng/ul	98
21) Benzo(a)anthracene	21.523	228	21753	0.355	ng/ul	99
22) Chrysene	21.576	228	22543	0.365	ng/ul	99
24) Benzo(b)fluoranthene	23.221	252	23687	0.379	ng/ul	99
25) Benzo(k)fluoranthene	23.271	252	21749	0.370	ng/ul	99
26) Benzo(a)pyrene	23.856	252	19061	0.367	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.491	276	23866	0.370	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.511	278	18946	0.371	ng/ul	99
29) Benzo(g,h,i)perylene	27.269	276	19099	0.370	ng/ul	99

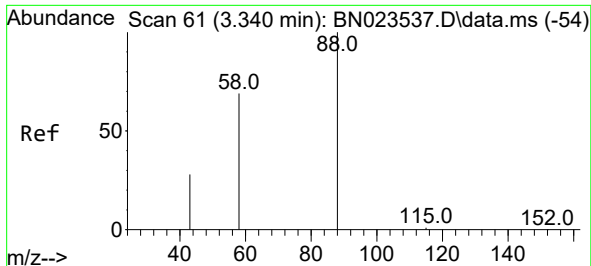
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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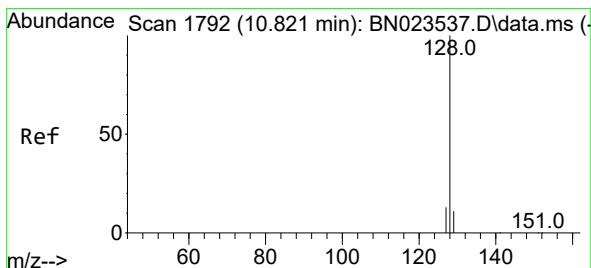
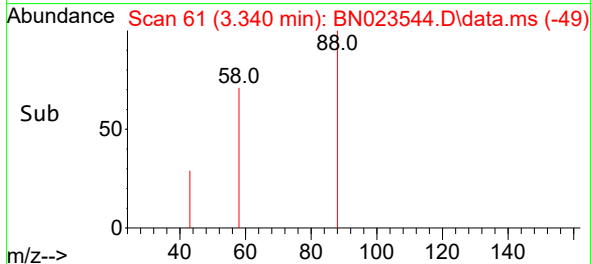
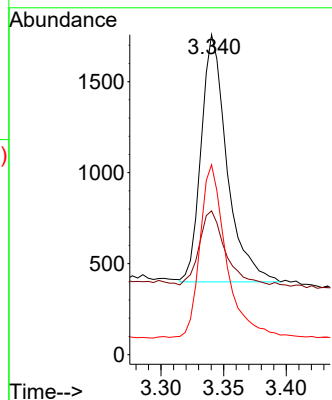
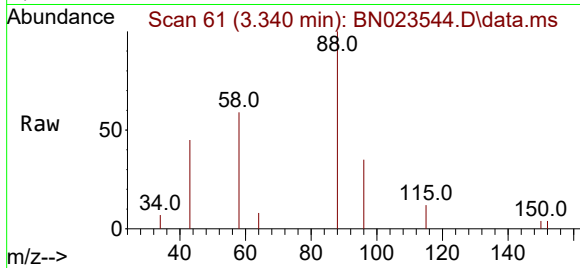




#2
1,4-Dioxane
Concen: 0.380 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

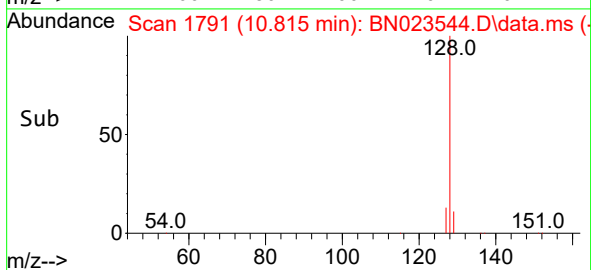
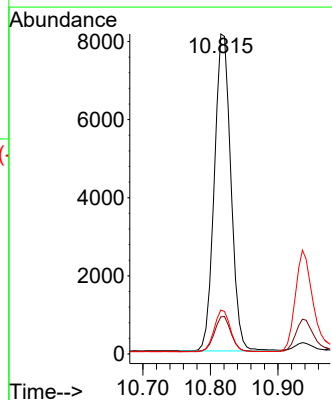
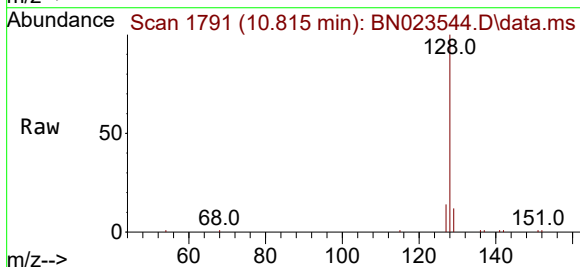
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

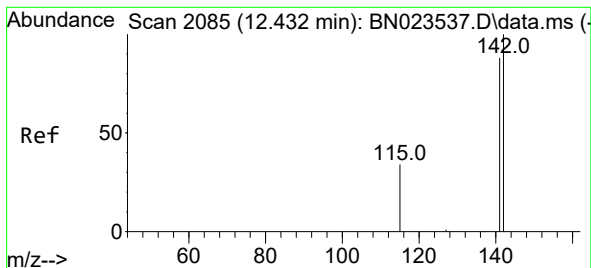
Tgt Ion: 88 Resp: 1949
Ion Ratio Lower Upper
88 100
43 44.9 44.0 66.0
58 59.3 50.5 75.7



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Tgt Ion: 128 Resp: 13805
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 10.9 16.3

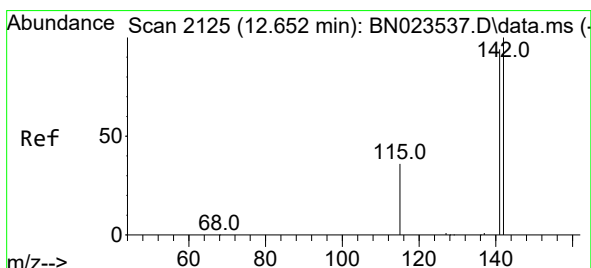
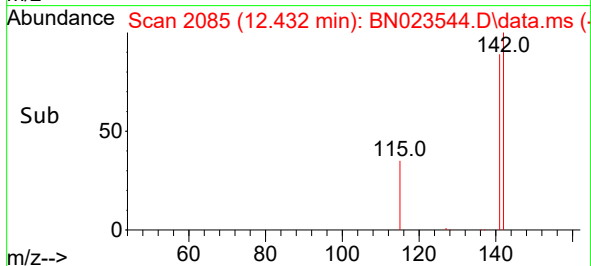
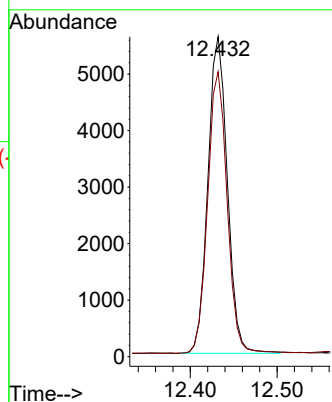
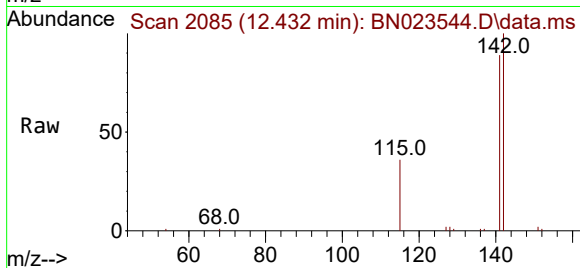




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.432 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

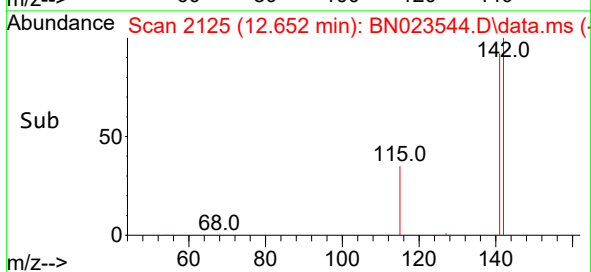
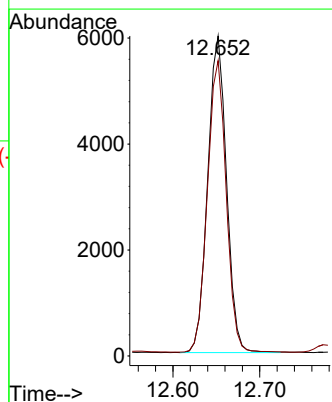
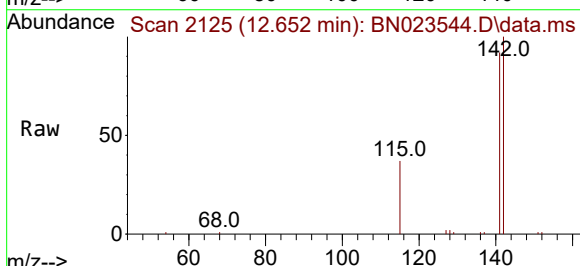
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

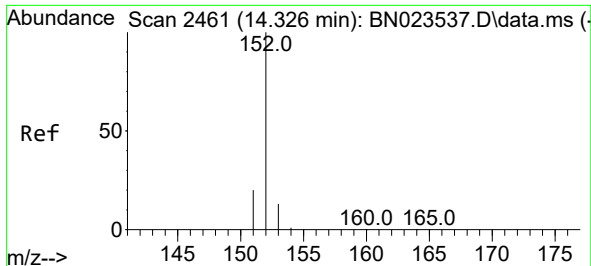
Tgt Ion:142 Resp: 8711
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.652 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Tgt Ion:142 Resp: 8983
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1

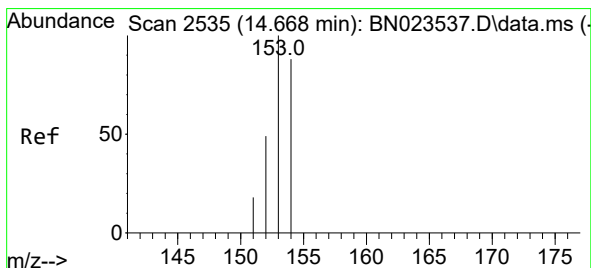
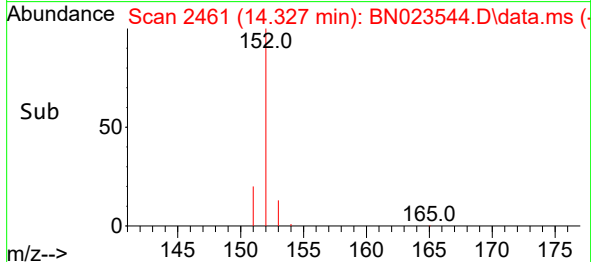
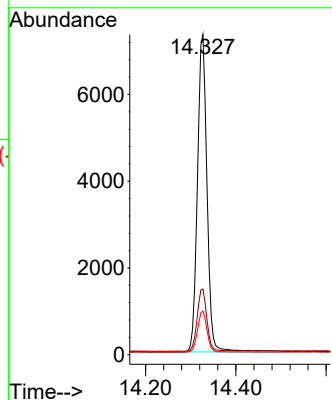
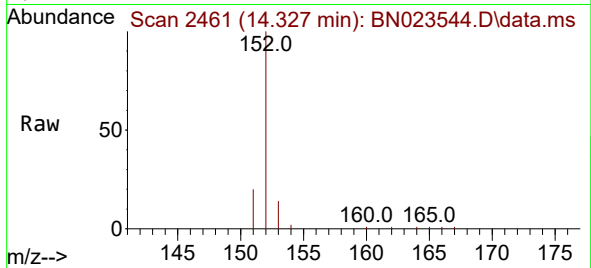




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.327 min Scan# 2461
Delta R.T. 0.001 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

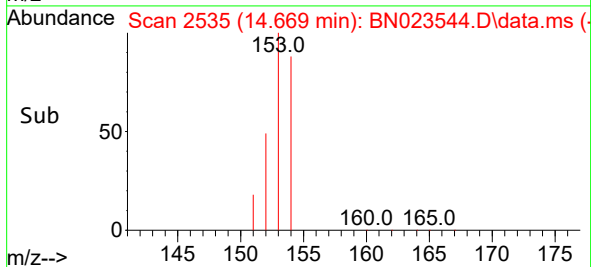
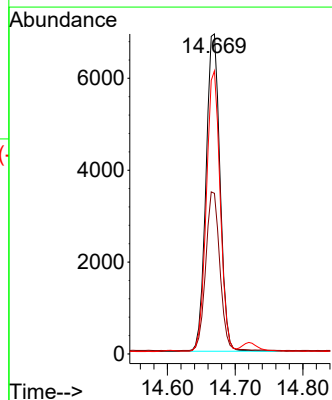
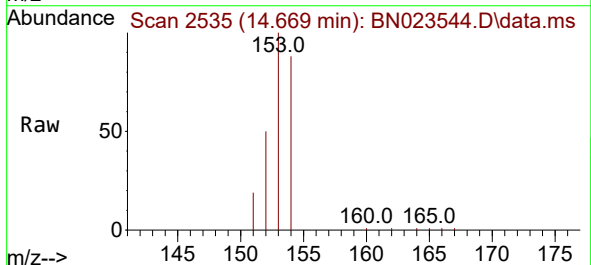
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BNA_N
ClientSampleId :
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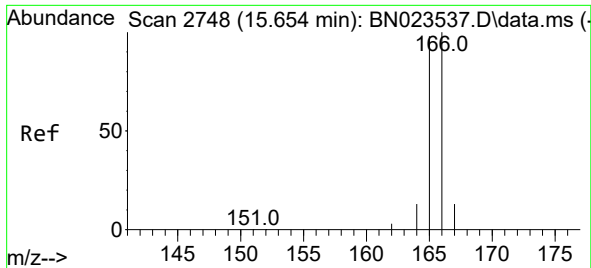
Tgt Ion:152 Resp: 10851
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.6 10.7 16.1



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.669 min Scan# 2535
Delta R.T. 0.001 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Tgt Ion:153 Resp: 9939
Ion Ratio Lower Upper
153 100
152 50.2 39.8 59.8
154 88.4 70.1 105.1

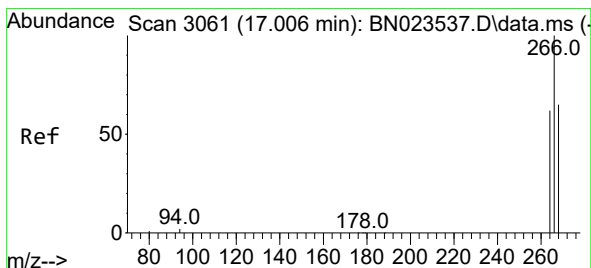
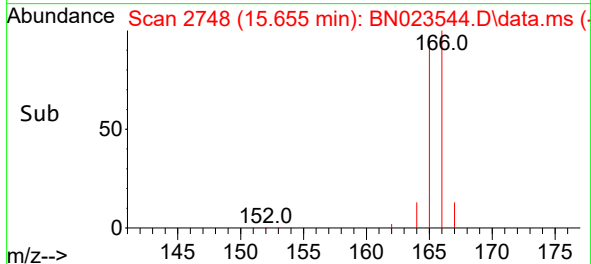
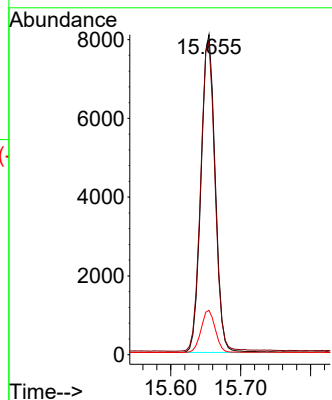
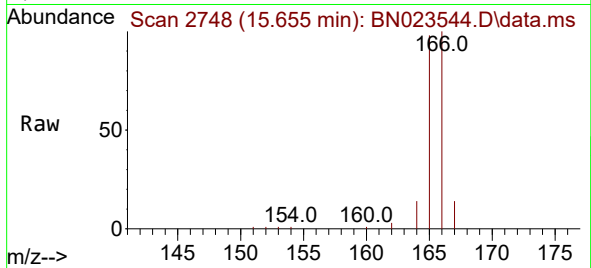




#12
 Fluorene
 Concen: 0.359 ng/ul
 RT: 15.655 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN023544.D
 Acq: 03 Jan 2023 19:11

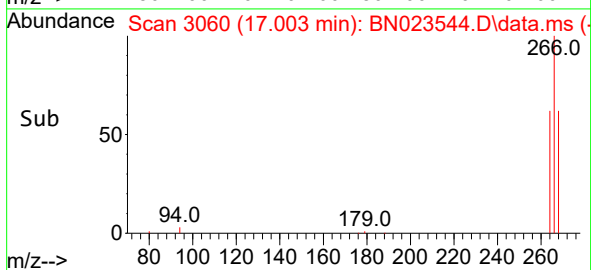
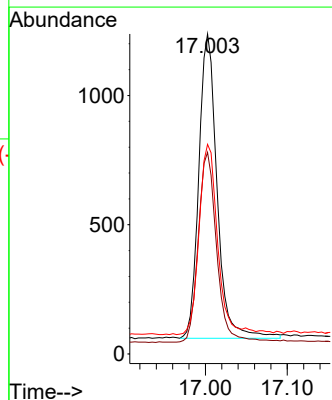
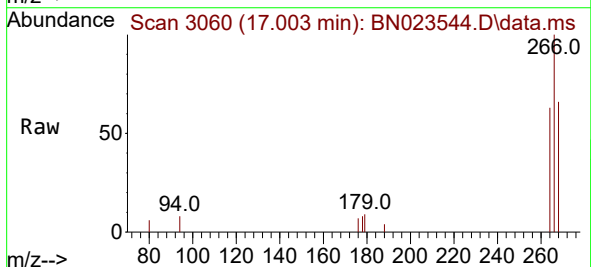
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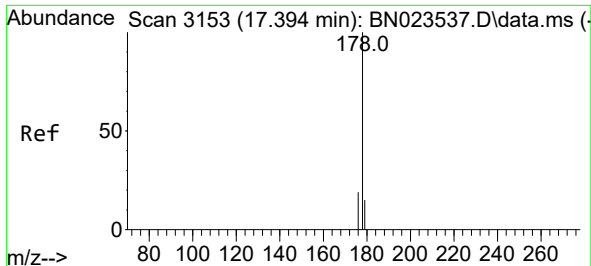
Tgt Ion:166 Resp: 11396
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.7 118.1
 167 13.8 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.327 ng/ul
 RT: 17.003 min Scan# 3060
 Delta R.T. -0.003 min
 Lab File: BN023544.D
 Acq: 03 Jan 2023 19:11

Tgt Ion:266 Resp: 1825
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.0 75.0
 268 64.4 51.4 77.0

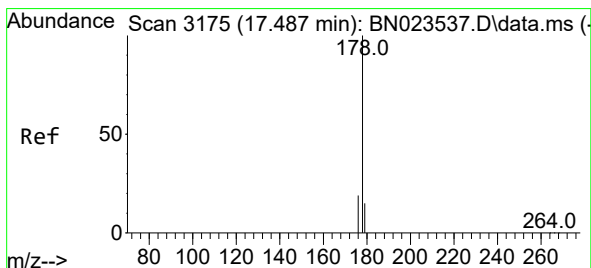
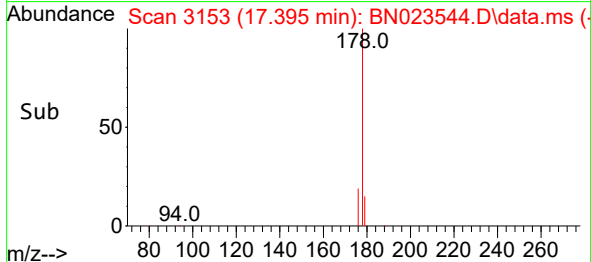
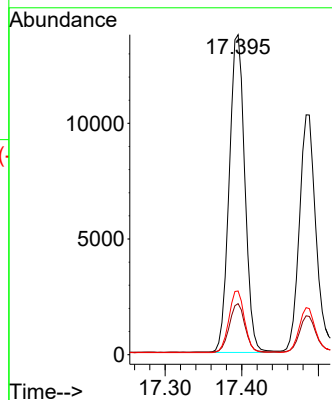
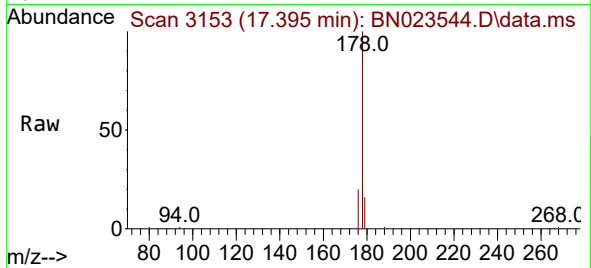




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.395 min Scan# 3153
Delta R.T. 0.001 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

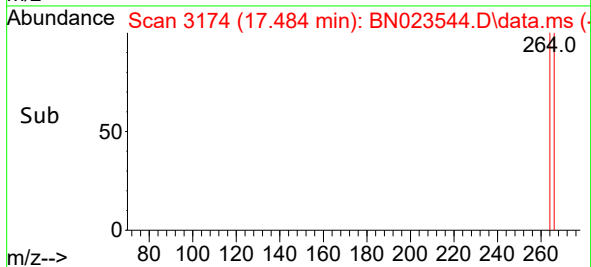
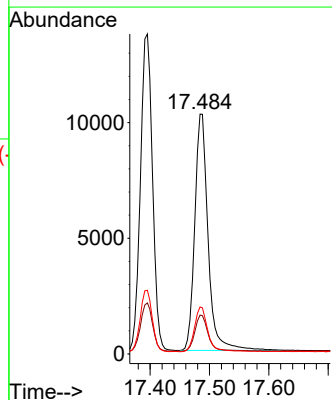
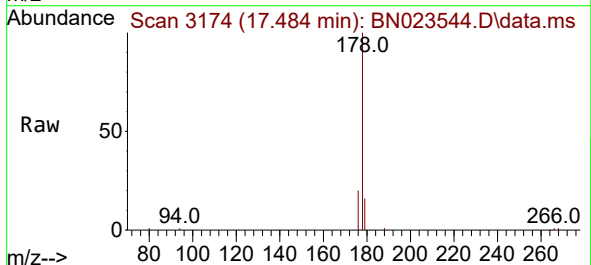
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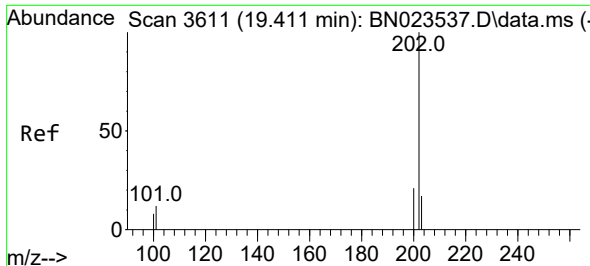
Tgt Ion:178 Resp: 19474
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.484 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Tgt Ion:178 Resp: 15944
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.6 15.4 23.2

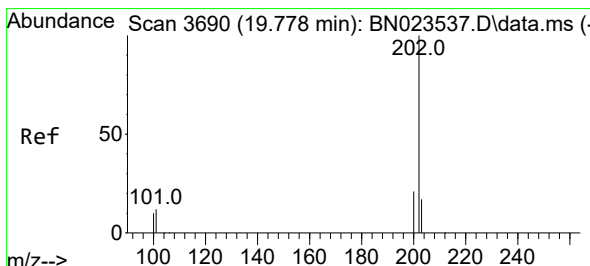
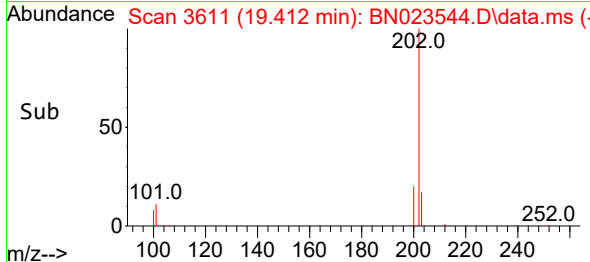
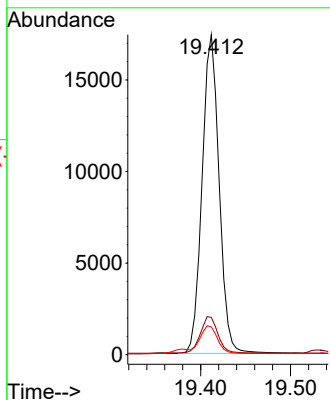
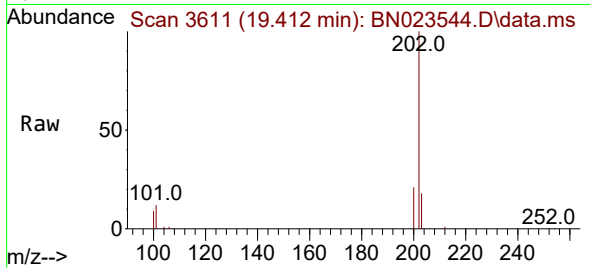




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.412 min Scan# 3611
Delta R.T. 0.001 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

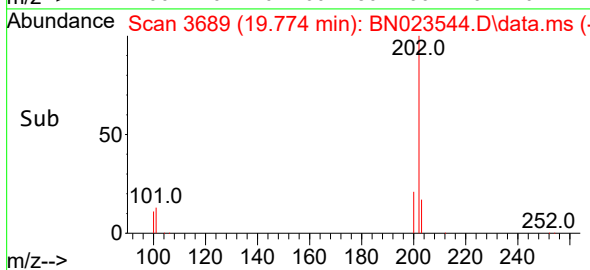
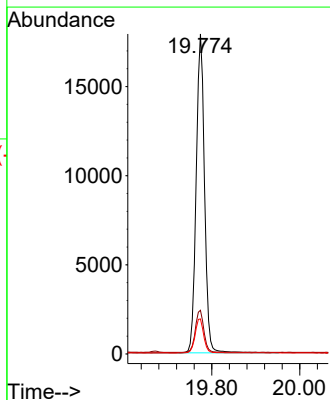
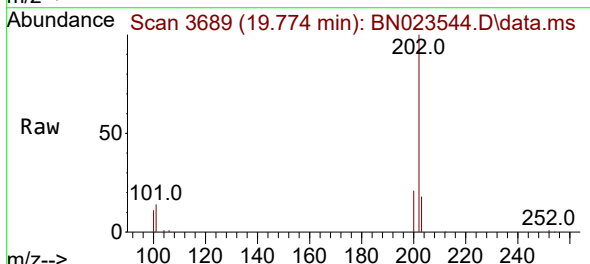
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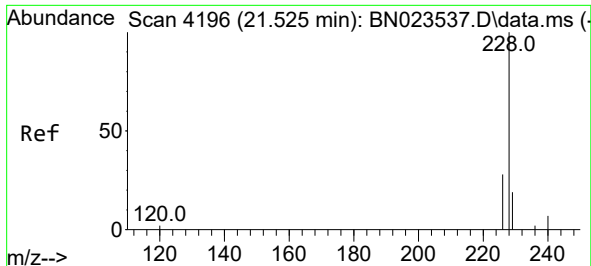
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Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
100 8.6 7.4 11.2



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.774 min Scan# 3689
Delta R.T. -0.004 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Tgt Ion:202 Resp: 23640
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 10.9 8.0 12.0

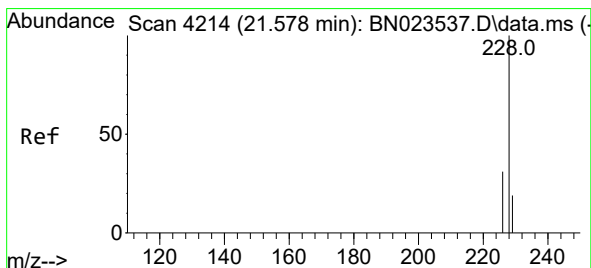
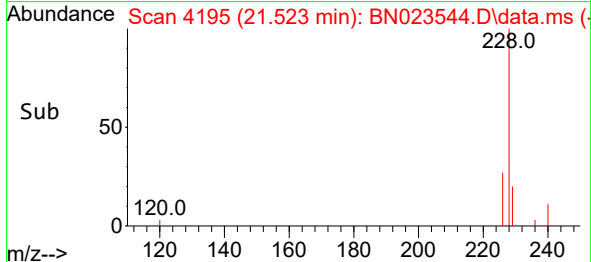
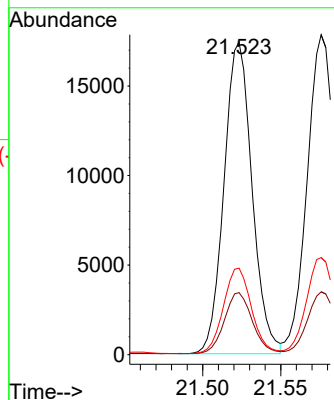
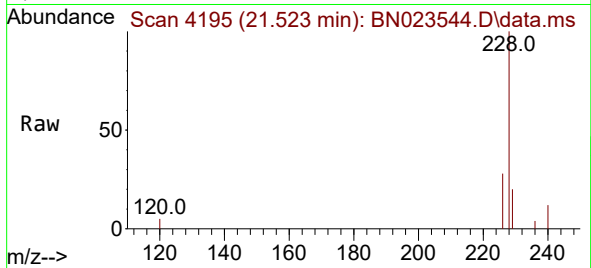




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.523 min Scan# 4196
Delta R.T. -0.002 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

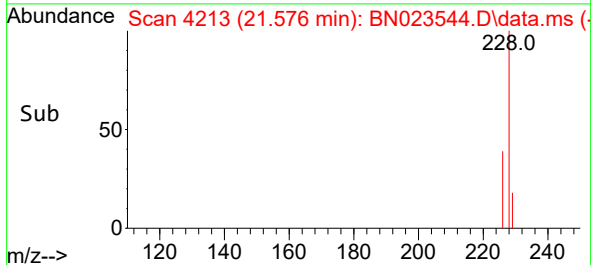
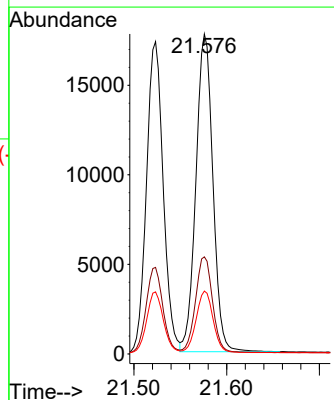
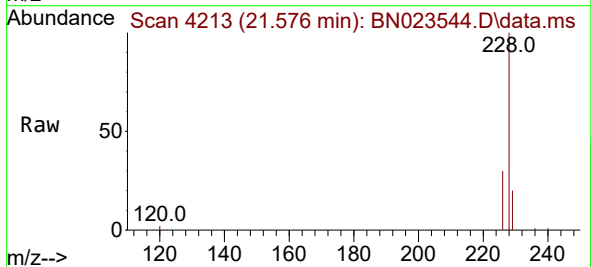
Instrument :
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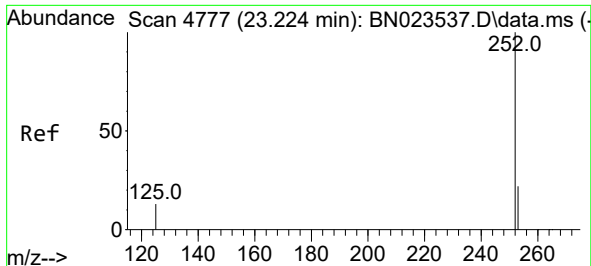
Tgt Ion:228 Resp: 21753
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 27.7 22.4 33.6



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.576 min Scan# 4213
Delta R.T. -0.002 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

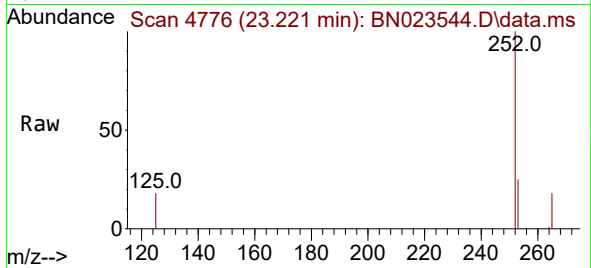
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Ion Ratio Lower Upper
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226 30.4 24.9 37.3
229 19.7 15.8 23.6



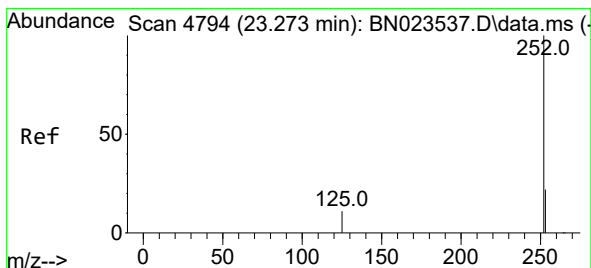
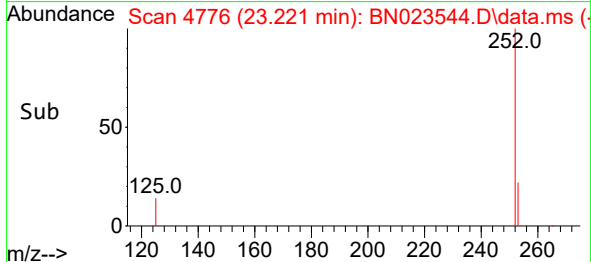
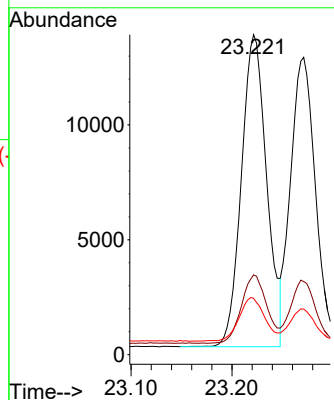


#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 23.221 min Scan# 4776
Delta R.T. -0.002 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

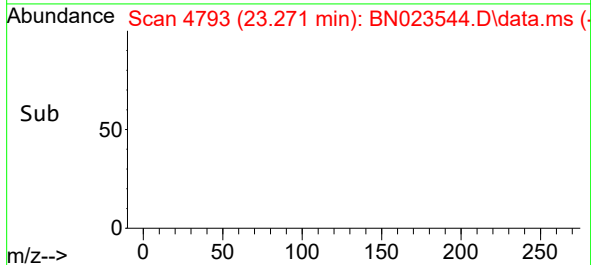
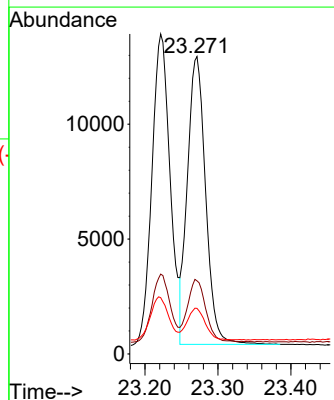
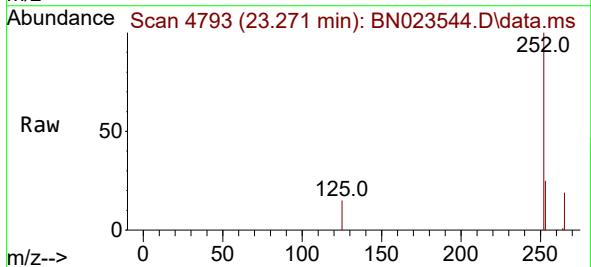


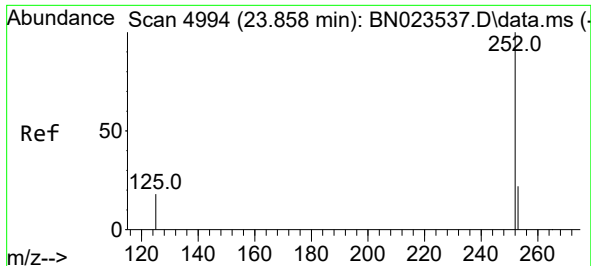
Tgt Ion:252 Resp: 23687
Ion Ratio Lower Upper
252 100
253 24.9 0.0 49.2
125 17.6 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.271 min Scan# 4793
Delta R.T. -0.002 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

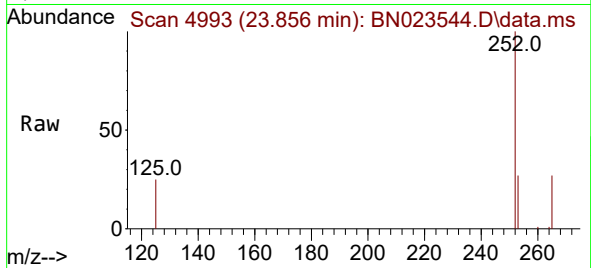
Tgt Ion:252 Resp: 21749
Ion Ratio Lower Upper
252 100
253 24.6 20.2 30.2
125 15.3 12.1 18.1



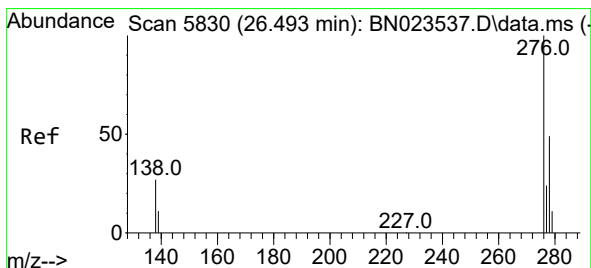
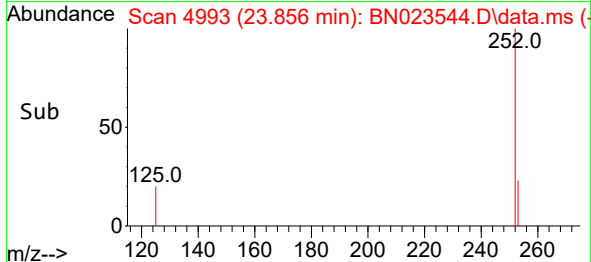
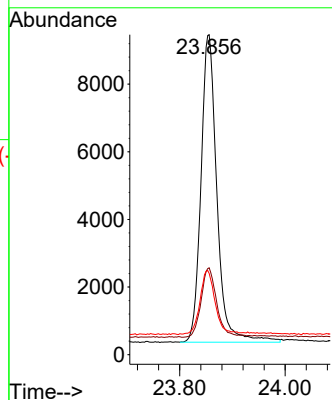


#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.856 min Scan# 4994
Delta R.T. -0.002 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

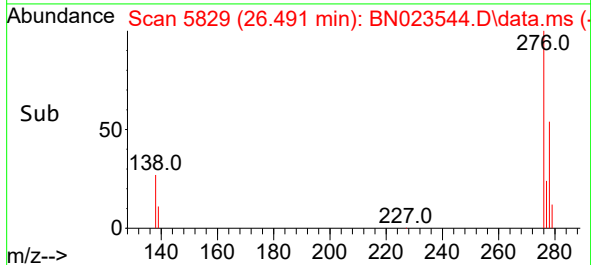
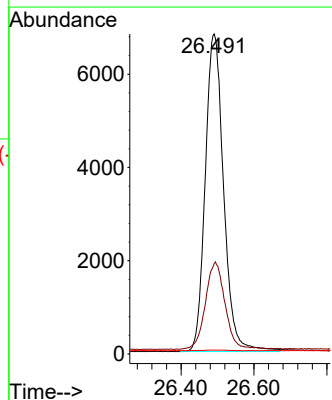
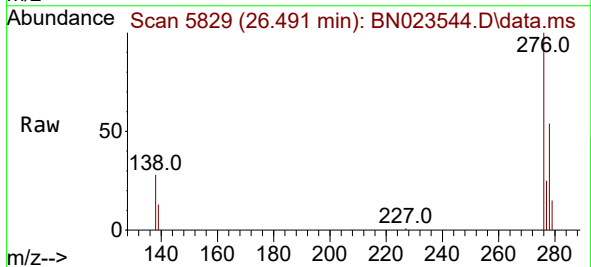


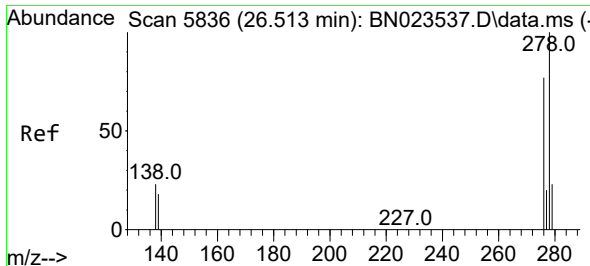
Tgt Ion:252 Resp: 19061
Ion Ratio Lower Upper
252 100
253 27.1 21.4 32.0
125 25.4 18.4 27.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.491 min Scan# 5829
Delta R.T. -0.003 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Tgt Ion:276 Resp: 23866
Ion Ratio Lower Upper
276 100
138 29.3 23.2 34.8
227 0.2 0.1 0.1#

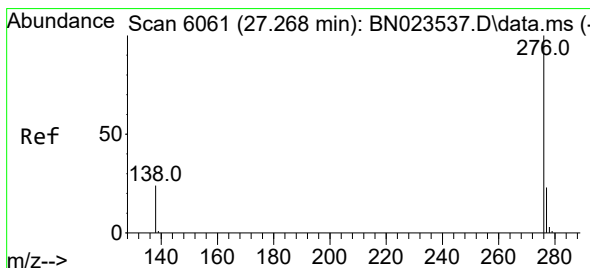
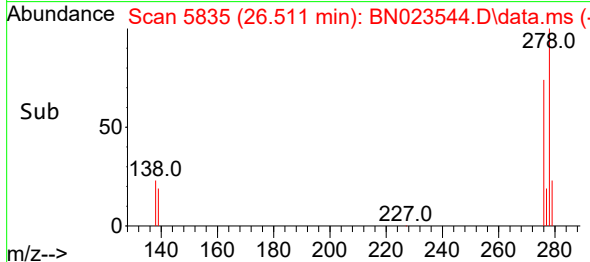
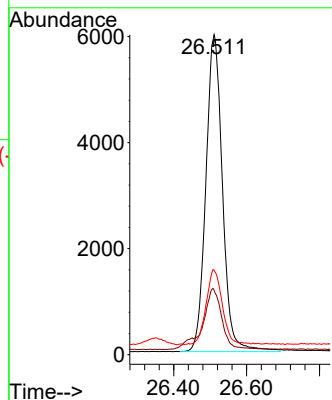
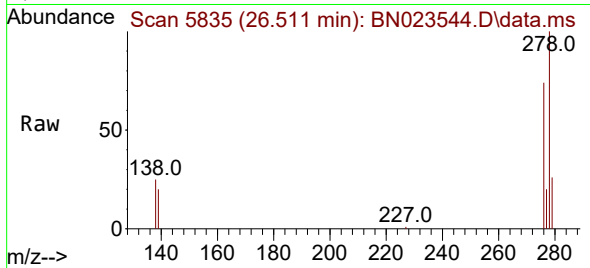




#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 26.511 min Scan# 5836
Delta R.T. -0.003 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:278 Resp: 18946
Ion Ratio Lower Upper
278 100
139 20.1 16.5 24.7
279 26.4 21.0 31.4



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 27.269 min Scan# 6061
Delta R.T. 0.001 min
Lab File: BN023544.D
Acq: 03 Jan 2023 19:11

Tgt Ion:276 Resp: 19099
Ion Ratio Lower Upper
276 100
138 26.3 20.7 31.1
277 25.5 19.6 29.4

