

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023309.D
 Acq On : 21 Dec 2022 11:23
 Operator : CG/JU
 Sample : SST0.861
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 21 12:00:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 11:52:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

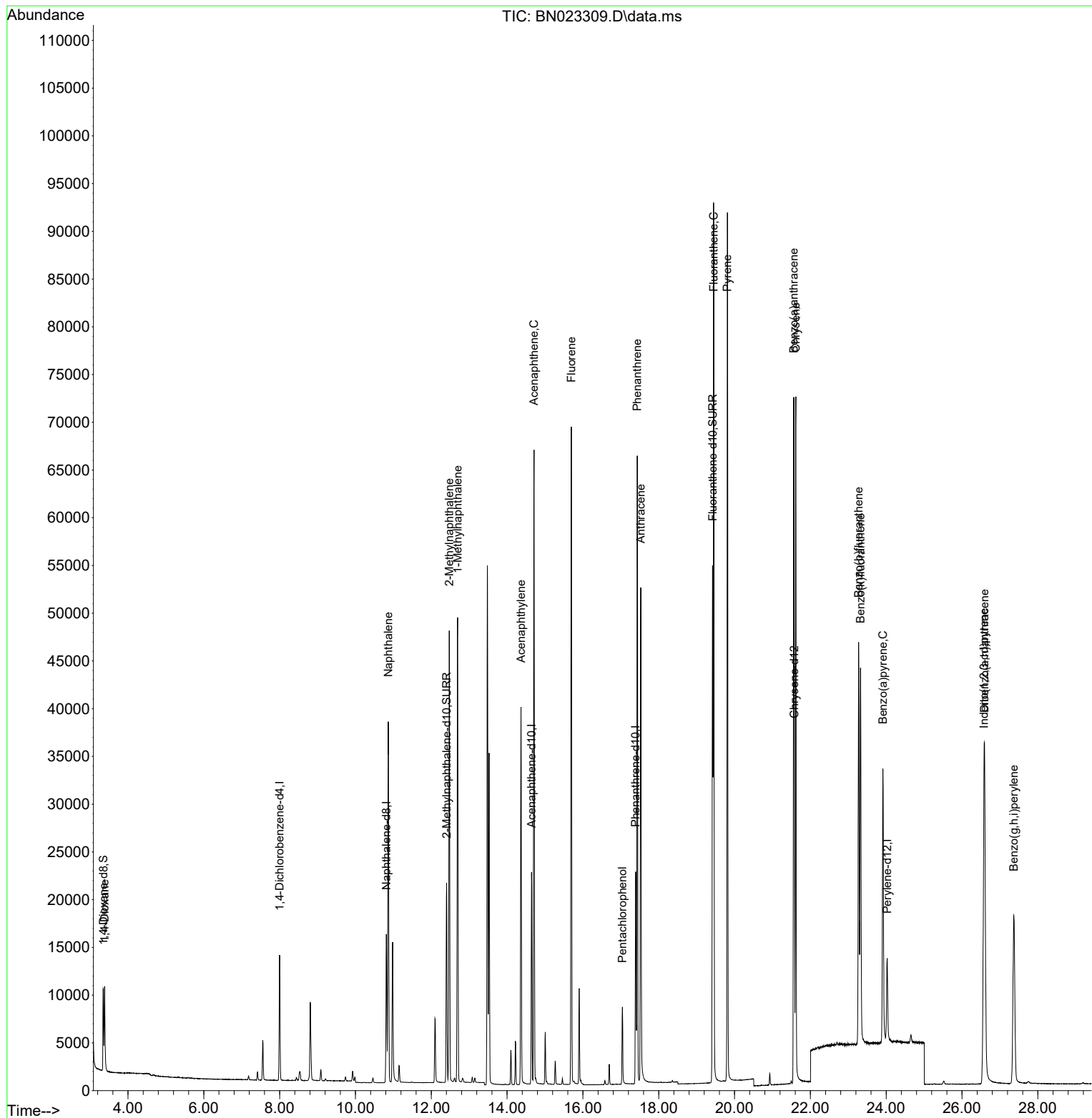
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6532	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	20102	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	11665	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	24644	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	18935	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	12772	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	5779	0.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	26274	0.854	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	56657	0.825	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	5967	0.807	ng/ul	93
5) Naphthalene	10.865	128	49676	0.845	ng/ul	100
7) 2-Methylnaphthalene	12.476	142	32062	0.860	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	32736	0.847	ng/ul	100
10) Acenaphthylene	14.368	152	43819	0.868	ng/ul	99
11) Acenaphthene	14.710	153	36738	0.849	ng/ul	99
12) Fluorene	15.695	166	41885	0.873	ng/ul	98
14) Pentachlorophenol	17.040	266	5378	0.877	ng/ul	99
15) Phenanthrene	17.432	178	67831	0.855	ng/ul	100
16) Anthracene	17.525	178	57542	0.900	ng/ul	99
19) Fluoranthene	19.448	202	76250	0.823	ng/ul	100
20) Pyrene	19.810	202	75435	0.797	ng/ul	100
21) Benzo(a)anthracene	21.562	228	59324	0.793	ng/ul	100
22) Chrysene	21.615	228	61208	0.799	ng/ul	100
24) Benzo(b)fluoranthene	23.275	252	55591	0.844	ng/ul	97
25) Benzo(k)fluoranthene	23.322	252	53199	0.874	ng/ul	96
26) Benzo(a)pyrene	23.912	252	43568	0.833	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.579	276	50373	0.825	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	39245	0.832	ng/ul	98
29) Benzo(g,h,i)perylene	27.367	276	40529	0.807	ng/ul	99

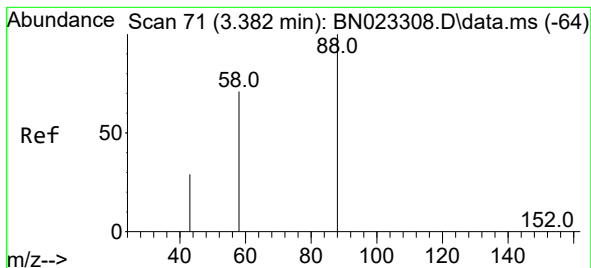
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023309.D
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Misc :
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#2

1,4-Dioxane

Concen: 0.807 ng/ul

RT: 3.382 min Scan# 71

Delta R.T. -0.000 min

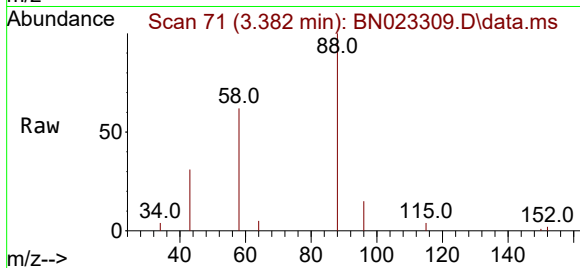
Lab File: BN023309.D

Acq: 21 Dec 2022 11:23

Instrument :

BNA_N

ClientSampleId :



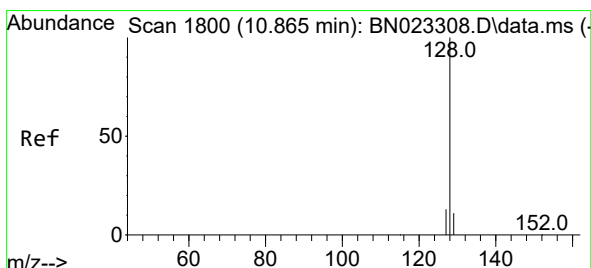
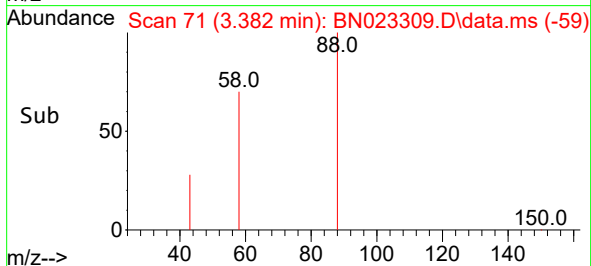
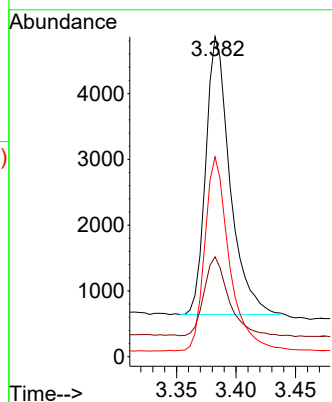
Tgt Ion: 88 Resp: 5967

Ion Ratio Lower Upper

88 100

43 31.2 28.4 42.6

58 62.4 45.6 68.4



#5

Naphthalene

Concen: 0.845 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BN023309.D

Acq: 21 Dec 2022 11:23

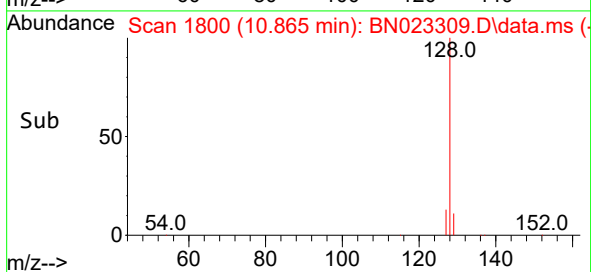
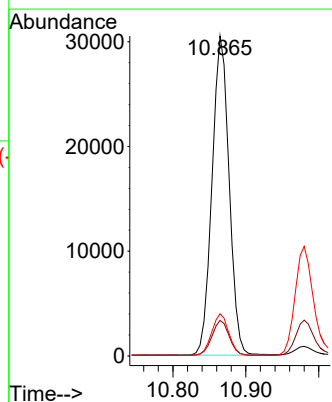
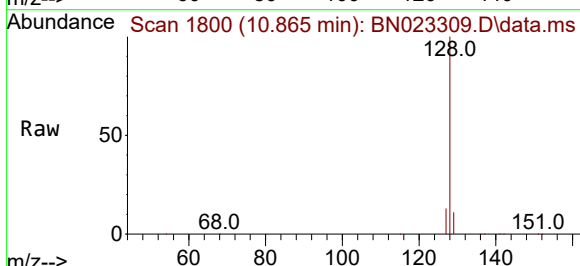
Tgt Ion: 128 Resp: 49676

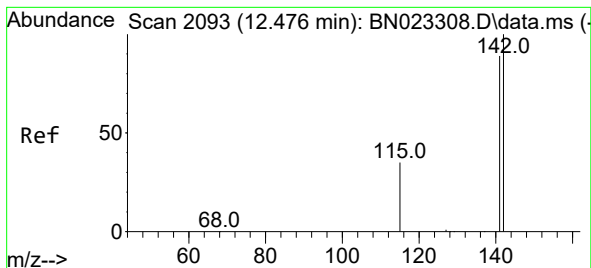
Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

127 13.2 10.7 16.1

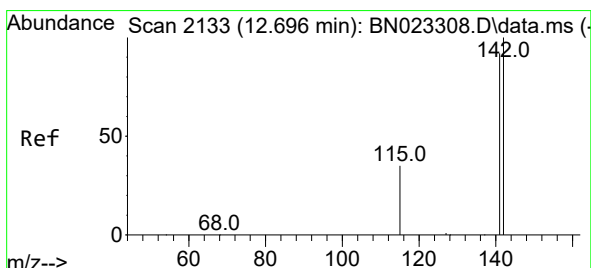
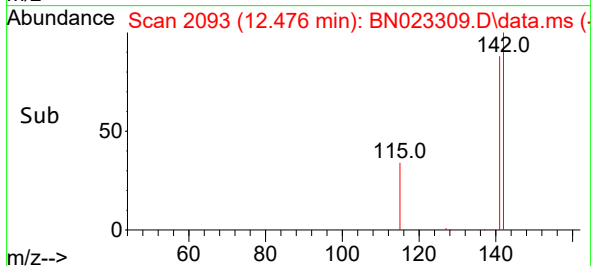
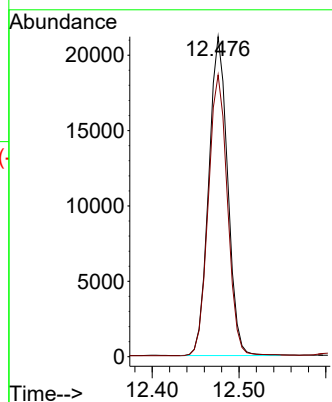
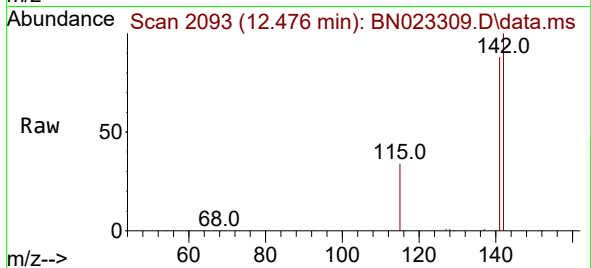




#7
2-Methylnaphthalene
Concen: 0.860 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

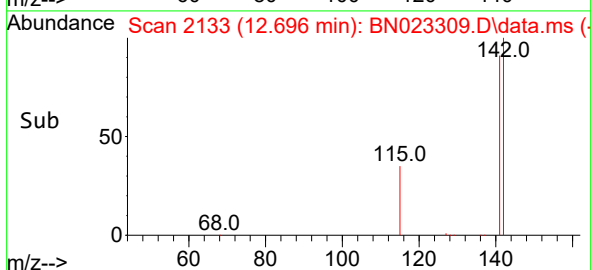
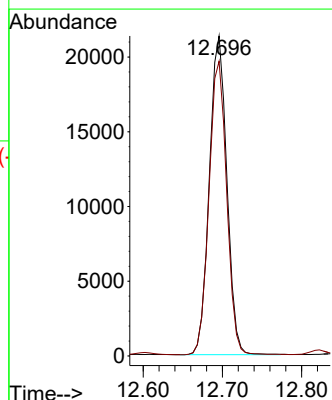
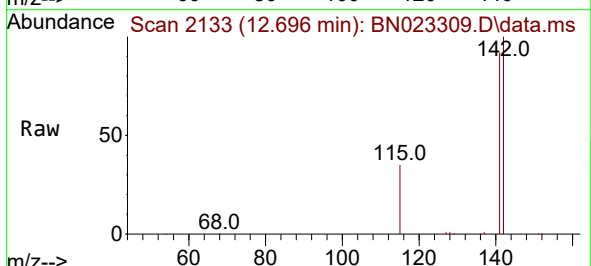
Instrument :
BNA_N
ClientSampleId :

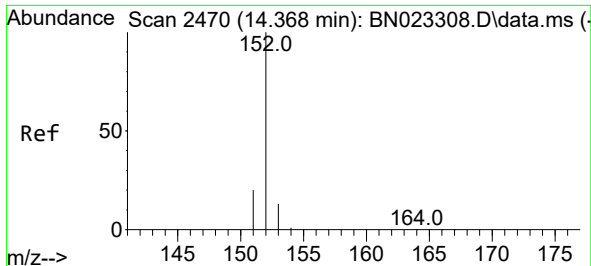
Tgt Ion:142 Resp: 32062
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.847 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

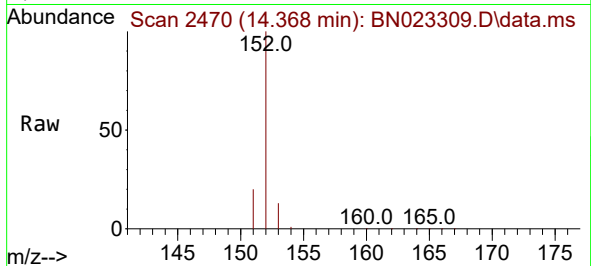
Tgt Ion:142 Resp: 32736
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0



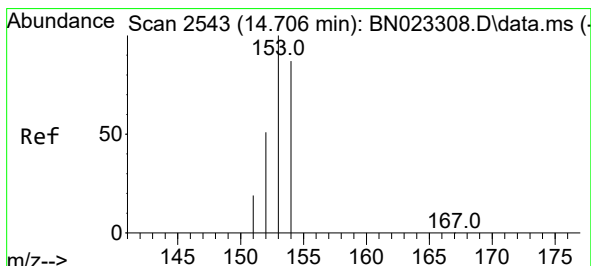
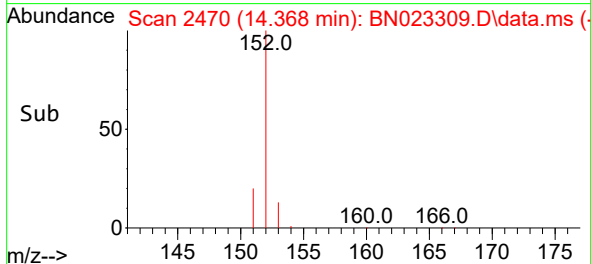
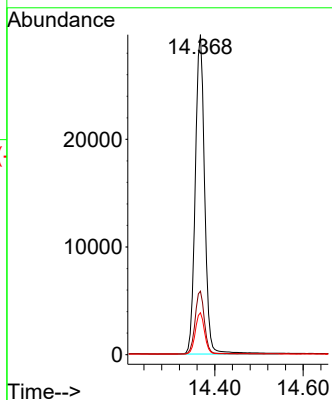


#10
Acenaphthylene
Concen: 0.868 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

Instrument :
BNA_N
ClientSampleId :

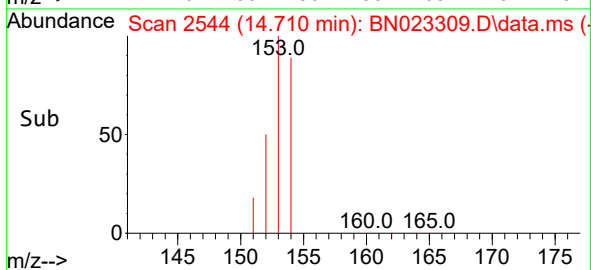
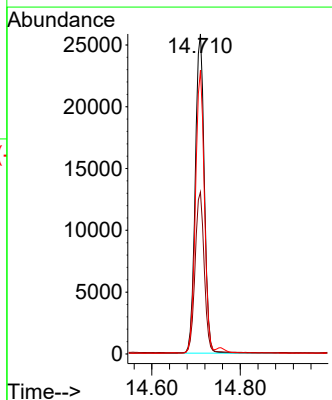
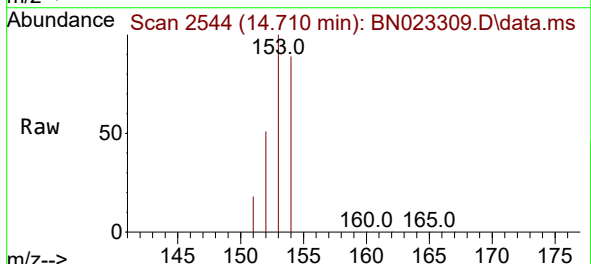


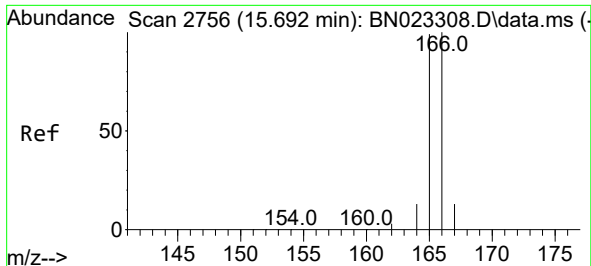
Tgt Ion:152 Resp: 43819
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.9 16.3



#11
Acenaphthene
Concen: 0.849 ng/ul
RT: 14.710 min Scan# 2544
Delta R.T. 0.004 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

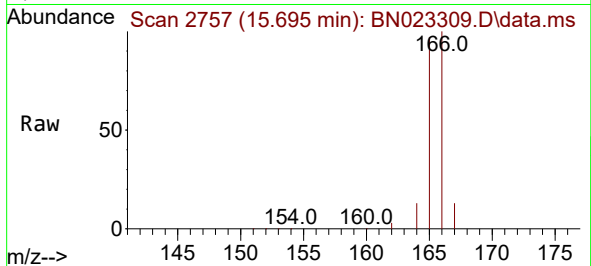
Tgt Ion:153 Resp: 36738
Ion Ratio Lower Upper
153 100
152 50.6 41.0 61.4
154 88.6 69.5 104.3



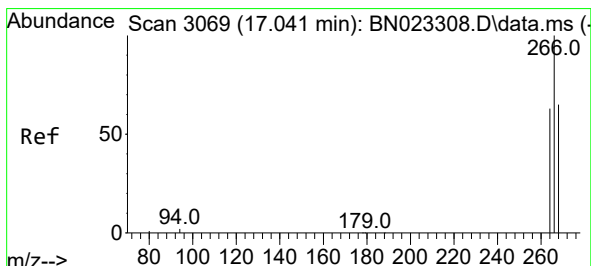
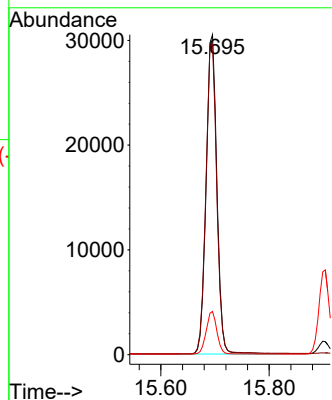
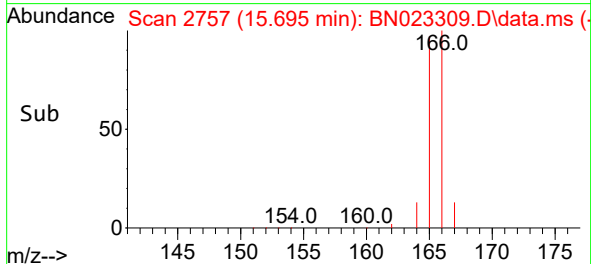


#12
Fluorene
Concen: 0.873 ng/ul
RT: 15.695 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

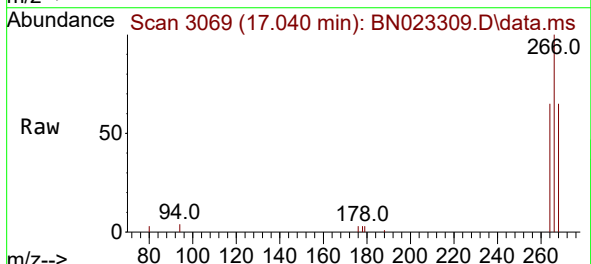
Instrument :
BNA_N
ClientSampleId :



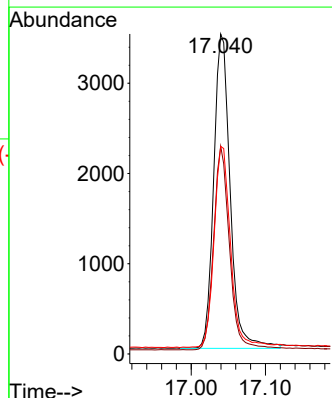
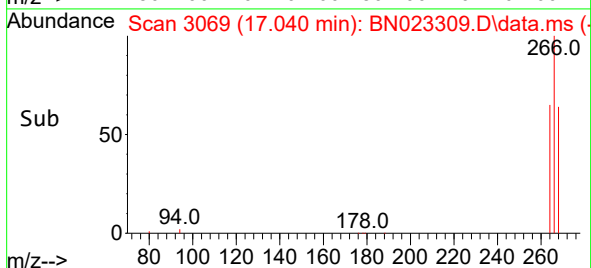
Tgt Ion:166 Resp: 41885
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 13.5 11.0 16.4

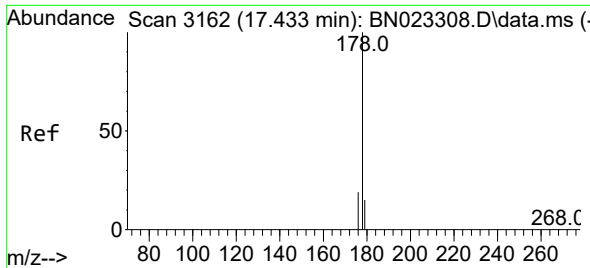


#14
Pentachlorophenol
Concen: 0.877 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23



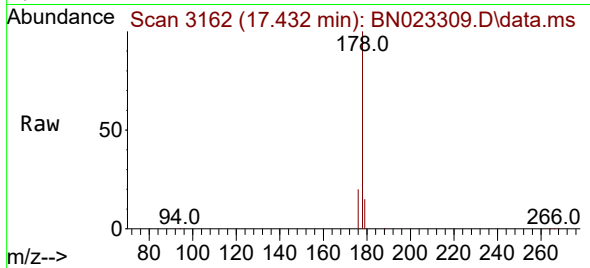
Tgt Ion:266 Resp: 5378
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.6
268 64.5 51.4 77.0



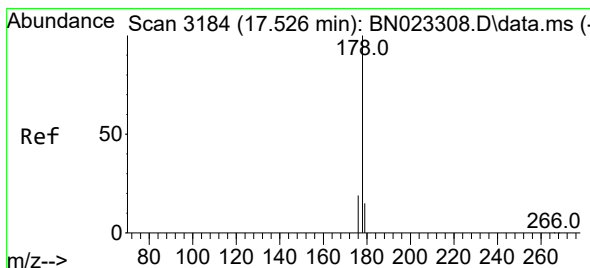
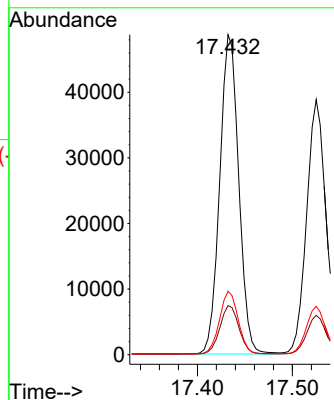


#15
Phenanthrene
Concen: 0.855 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

Instrument :
BNA_N
ClientSampleId :

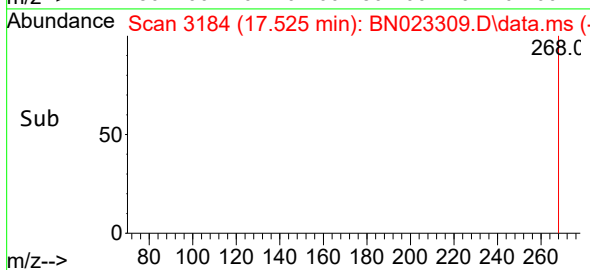
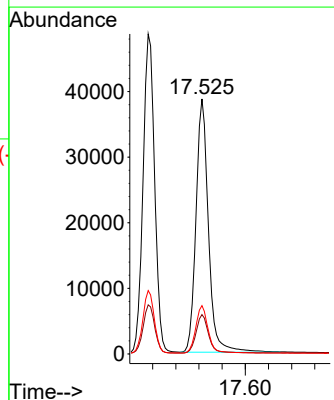
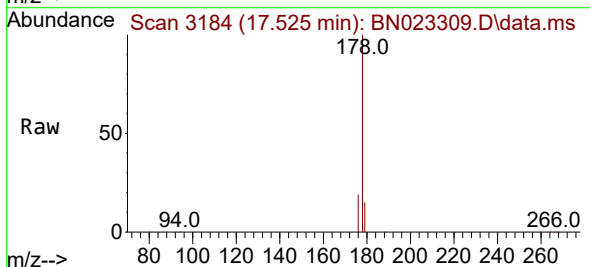


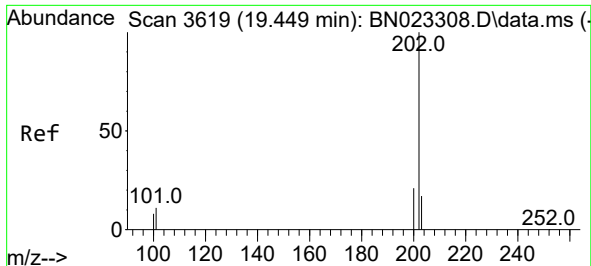
Tgt Ion:178 Resp: 67831
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.8 15.7 23.5



#16
Anthracene
Concen: 0.900 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

Tgt Ion:178 Resp: 57542
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.9 15.4 23.0

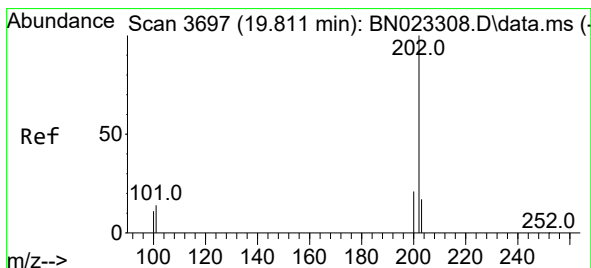
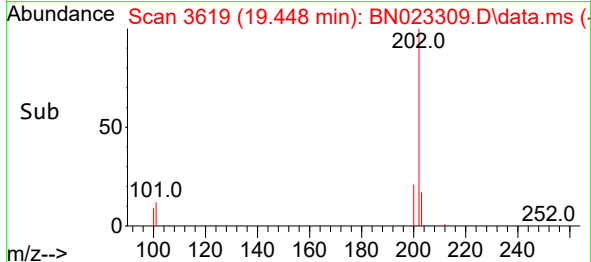
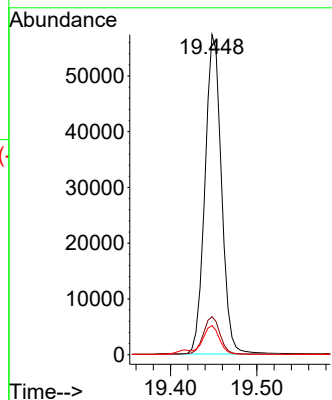
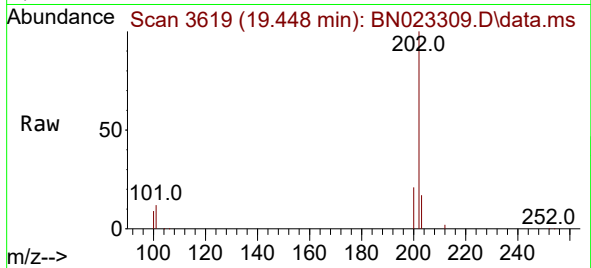




#19
Fluoranthene
Concen: 0.823 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

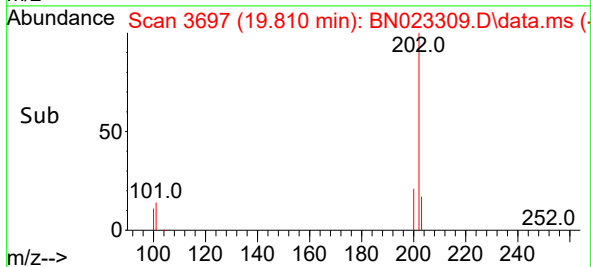
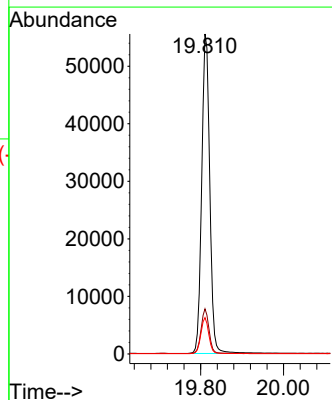
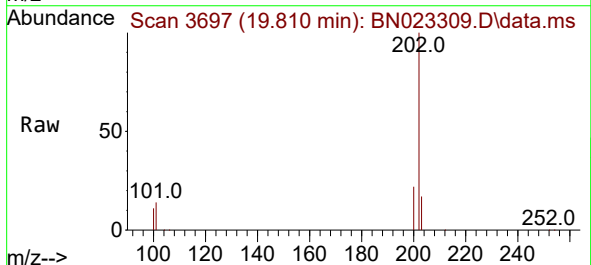
Instrument :
BNA_N
ClientSampleId :

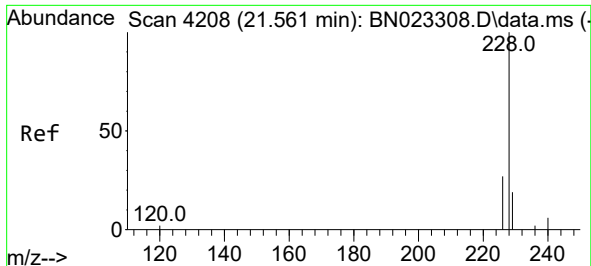
Tgt Ion:202 Resp: 76250
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 9.1 7.0 10.6



#20
Pyrene
Concen: 0.797 ng/ul
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

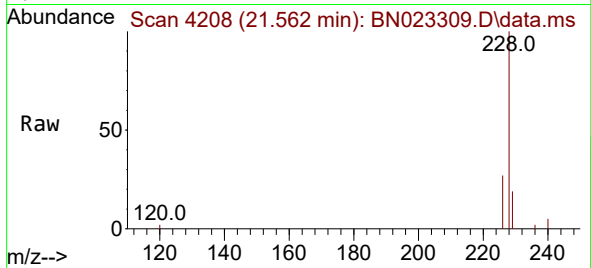
Tgt Ion:202 Resp: 75435
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.3 9.0 13.4



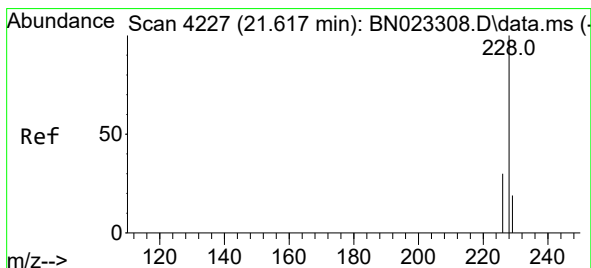
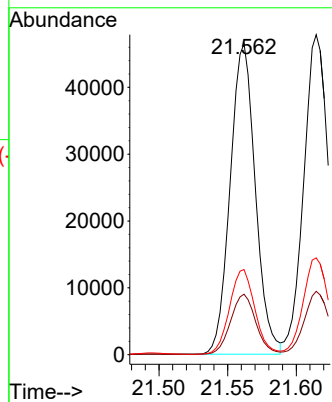
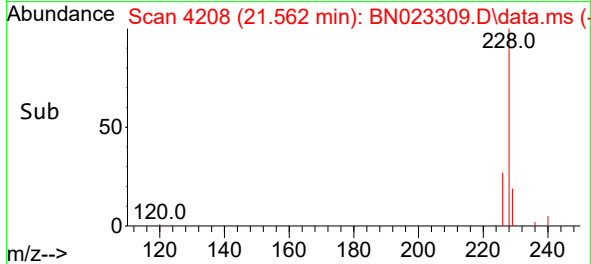


#21
Benzo(a)anthracene
Concen: 0.793 ng/ul
RT: 21.562 min Scan# 41
Delta R.T. 0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

Instrument :
BNA_N
ClientSampleId :

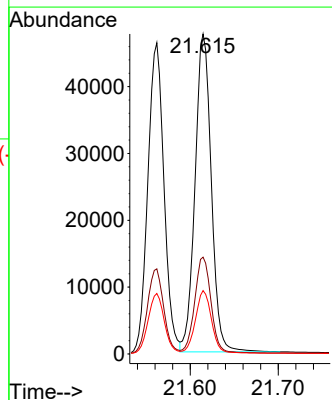
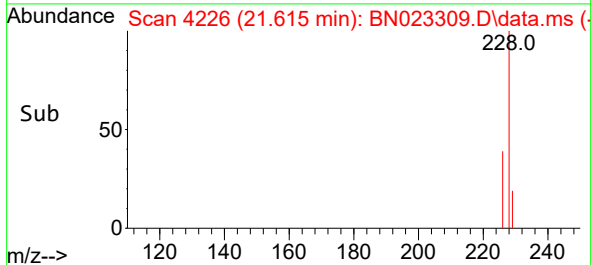
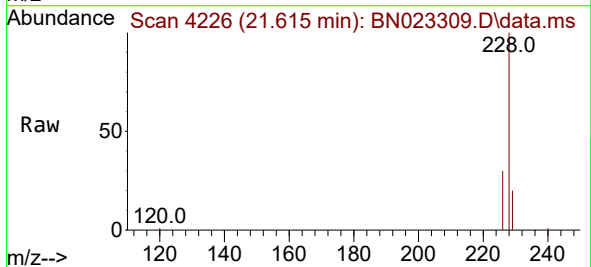


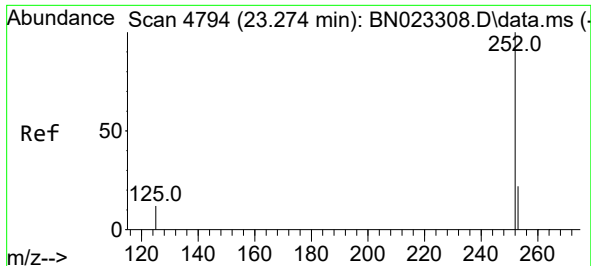
Tgt Ion:228 Resp: 59324
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.799 ng/ul
RT: 21.615 min Scan# 4226
Delta R.T. -0.002 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

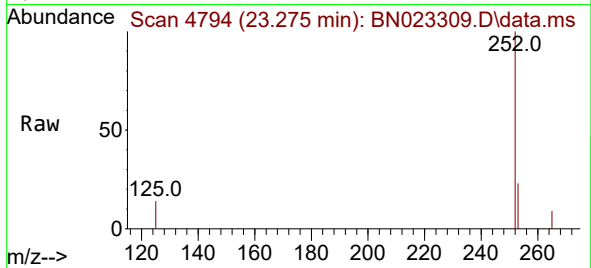
Tgt Ion:228 Resp: 61208
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.8 15.8 23.6



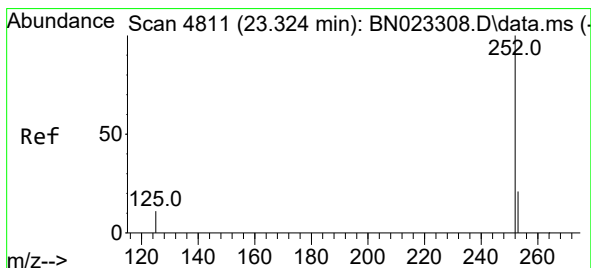
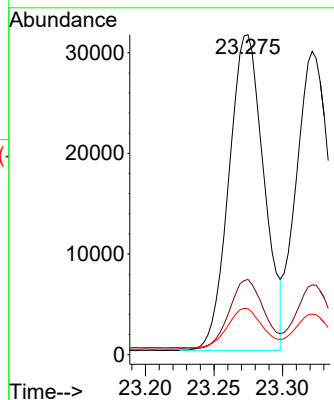


#24
Benzo(b)fluoranthene
Concen: 0.844 ng/ul
RT: 23.275 min Scan# 41
Delta R.T. 0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

Instrument :
BNA_N
ClientSampleId :

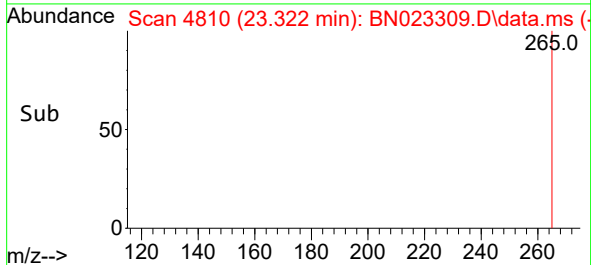
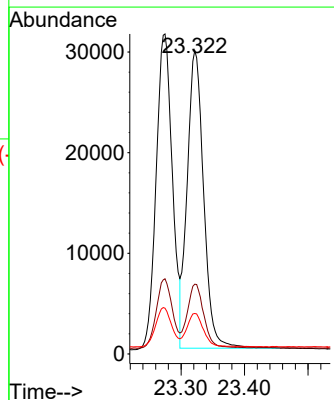
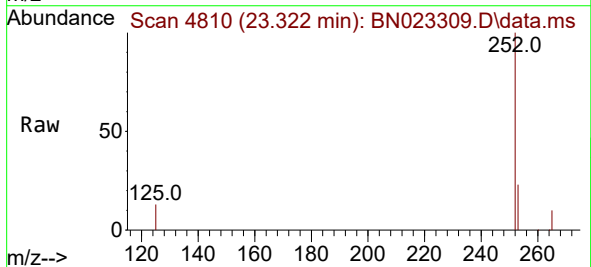


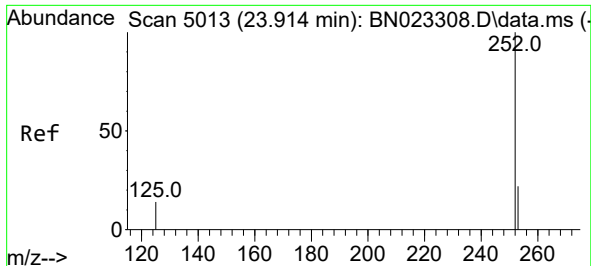
Tgt Ion:252 Resp: 55591
Ion Ratio Lower Upper
252 100
253 23.5 0.0 49.2
125 14.3 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.874 ng/ul
RT: 23.322 min Scan# 4810
Delta R.T. -0.002 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

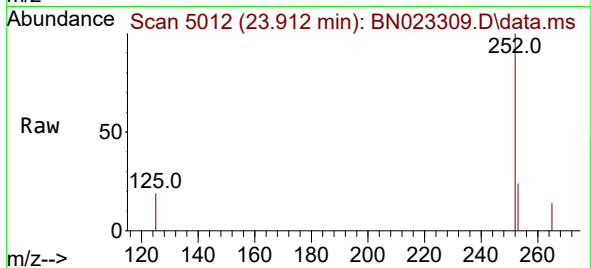
Tgt Ion:252 Resp: 53199
Ion Ratio Lower Upper
252 100
253 23.0 19.8 29.6
125 13.4 12.6 18.8



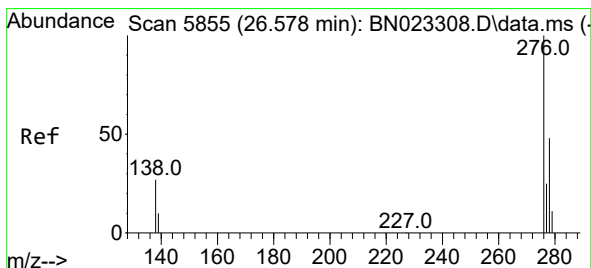
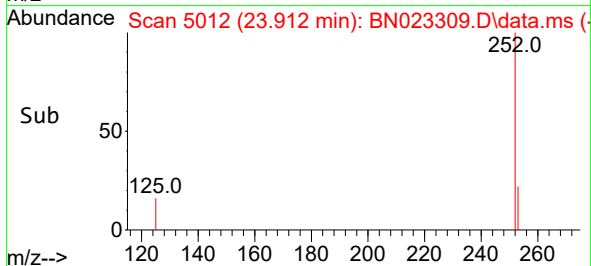
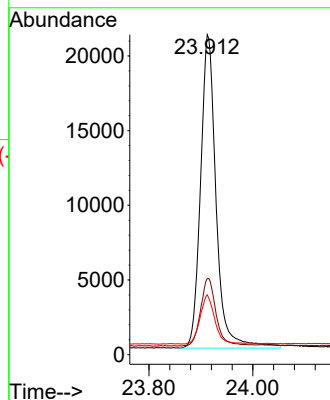


#26
Benzo(a)pyrene
Concen: 0.833 ng/ul
RT: 23.912 min Scan# 5013
Delta R.T. -0.002 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

Instrument :
BNA_N
ClientSampleId :

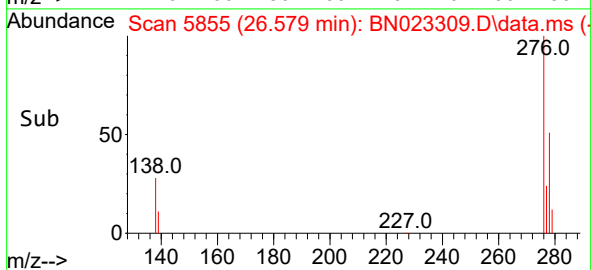
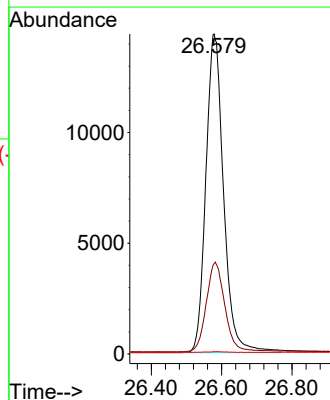
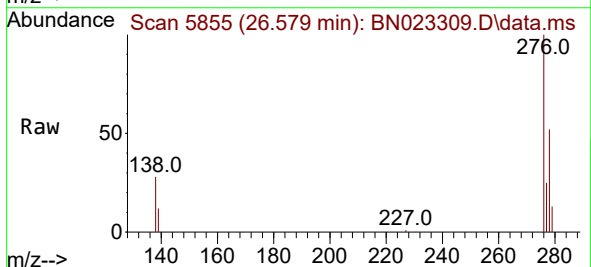


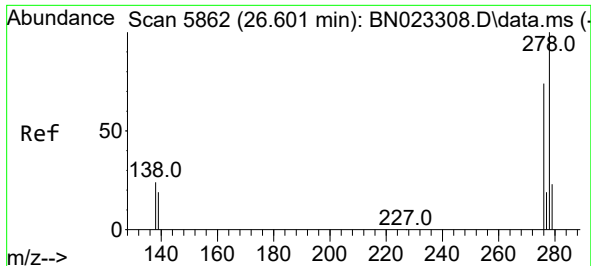
Tgt Ion:252 Resp: 43568
Ion Ratio Lower Upper
252 100
253 23.7 21.4 32.2
125 18.7 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.825 ng/ul
RT: 26.579 min Scan# 5855
Delta R.T. 0.001 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

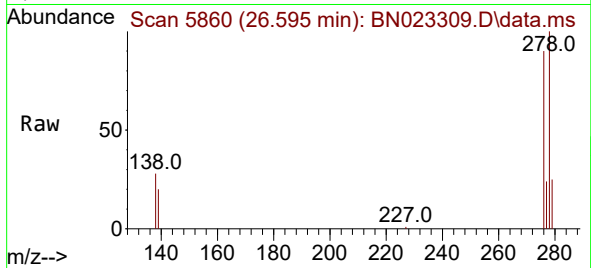
Tgt Ion:276 Resp: 50373
Ion Ratio Lower Upper
276 100
138 29.4 23.4 35.2
227 0.0 0.0 0.0#



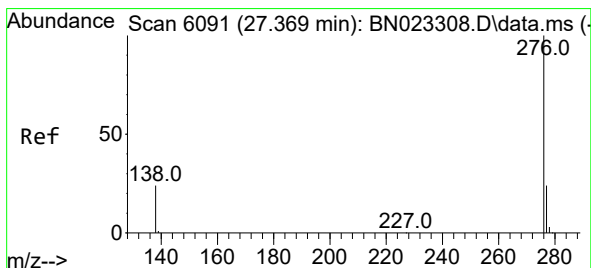
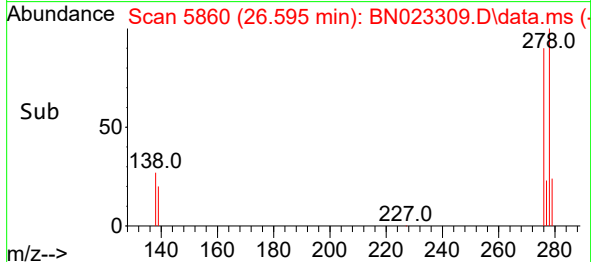
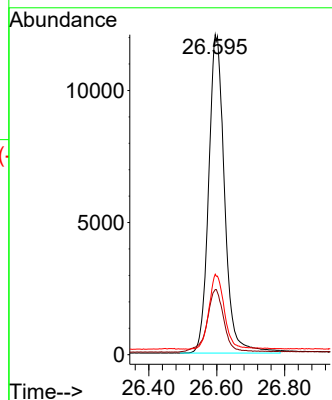


#28
Dibenzo(a,h)anthracene
Concen: 0.832 ng/ul
RT: 26.595 min Scan# 5860
Delta R.T. -0.006 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 39245
Ion Ratio Lower Upper
278 100
139 20.3 16.6 24.8
279 25.2 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.807 ng/ul
RT: 27.367 min Scan# 6090
Delta R.T. -0.003 min
Lab File: BN023309.D
Acq: 21 Dec 2022 11:23

Tgt Ion:276 Resp: 40529
Ion Ratio Lower Upper
276 100
138 25.6 20.3 30.5
277 23.9 19.7 29.5

