

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010423\
 Data File : BN023551.D
 Acq On : 04 Jan 2023 13:25
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 04 13:58:37 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)

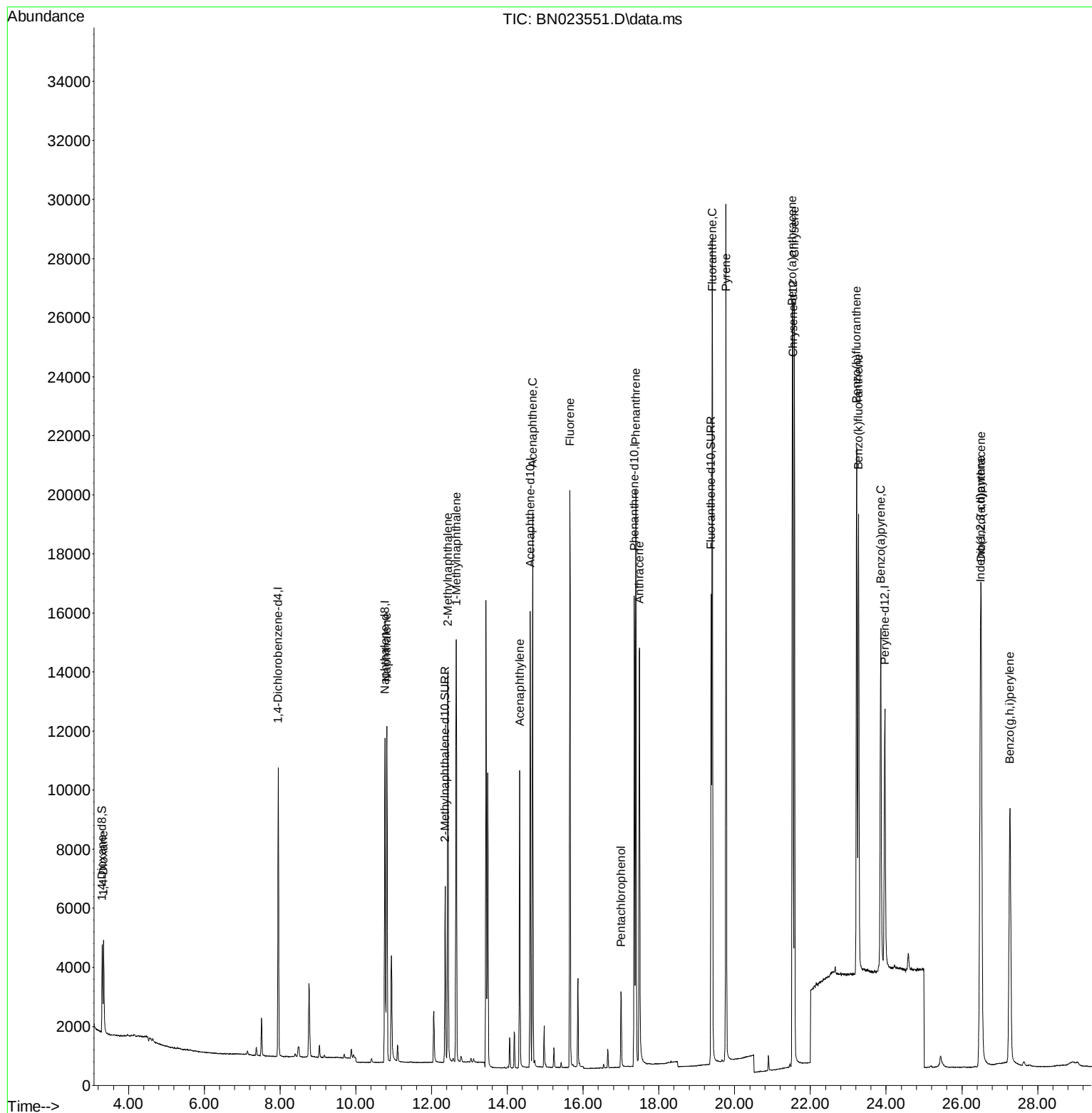
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	4843	0.400	ng/ul	0.00
4) Naphthalene-d8	10.766	136	14403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	8143	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	17932	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	16167	0.400	ng/ul	0.00
23) Perylene-d12	23.966	264	12706	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2013	0.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.355	152	7801	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	17532	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	2114	0.376	ng/ul#	88
5) Naphthalene	10.815	128	15012	0.362	ng/ul	100
7) 2-Methylnaphthalene	12.432	142	9365	0.352	ng/ul	100
8) 1-Methylnaphthalene	12.652	142	9677	0.356	ng/ul	100
10) Acenaphthylene	14.326	152	11300	0.340	ng/ul	100
11) Acenaphthene	14.668	153	10543	0.360	ng/ul	100
12) Fluorene	15.654	166	12001	0.357	ng/ul	100
14) Pentachlorophenol	17.002	266	1716	0.297	ng/ul	99
15) Phenanthrene	17.394	178	20218	0.361	ng/ul	100
16) Anthracene	17.487	178	16337	0.340	ng/ul	100
19) Fluoranthene	19.411	202	23089	0.377	ng/ul	98
20) Pyrene	19.773	202	23349	0.362	ng/ul	98
21) Benzo(a)anthracene	21.522	228	20085	0.336	ng/ul	100
22) Chrysene	21.578	228	22126	0.368	ng/ul	98
24) Benzo(b)fluoranthene	23.223	252	22640	0.385	ng/ul	99
25) Benzo(k)fluoranthene	23.270	252	21015	0.380	ng/ul	99
26) Benzo(a)pyrene	23.858	252	17813	0.364	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.490	276	23155	0.381	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.510	278	18470	0.384	ng/ul	100
29) Benzo(g,h,i)perylene	27.268	276	19171	0.395	ng/ul	100

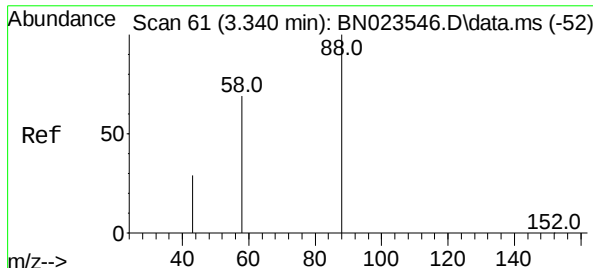
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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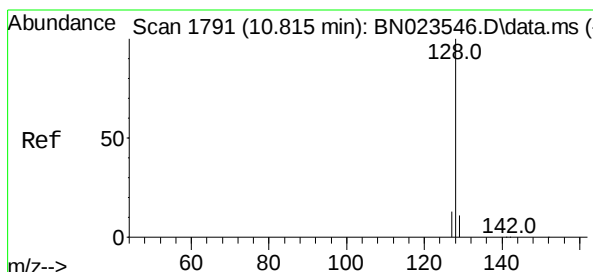
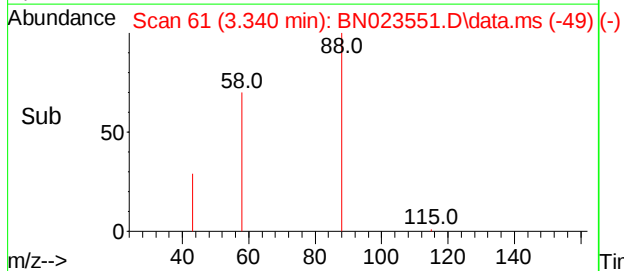
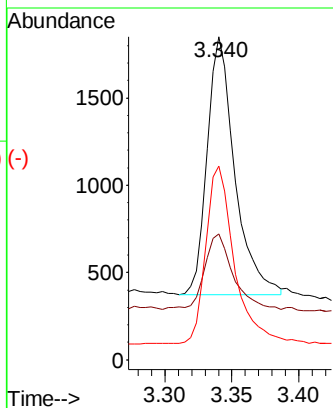
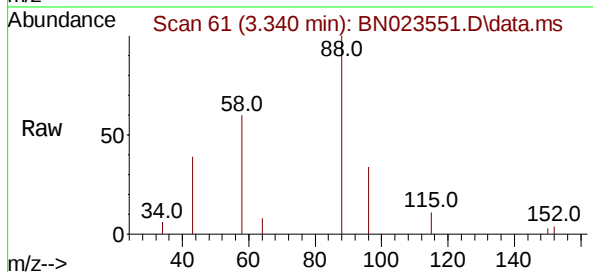




1,4-Dioxane
Concen: 0.376 ng/ul
RT: 3.340 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

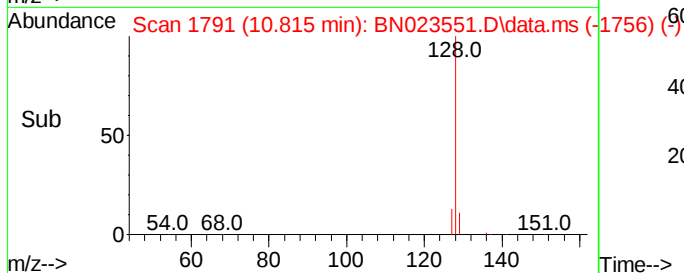
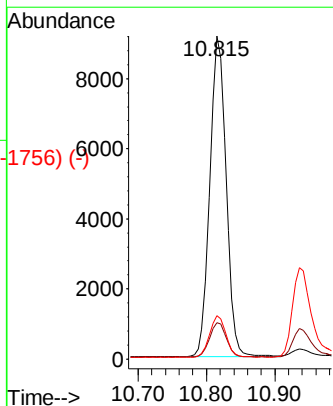
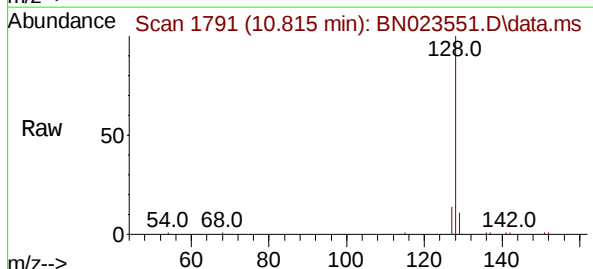
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 2114
Ion Ratio Lower Upper
88 100
43 39.1 44.0 66.0#
58 60.0 50.5 75.7

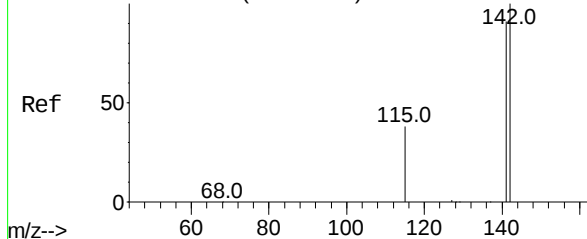


Naphthalene
Concen: 0.362 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

Tgt Ion: 128 Resp: 15012
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.5 10.9 16.3



Abundance Scan 2084 (12.427 min): BN023546.D\data.ms (-2076) (-)

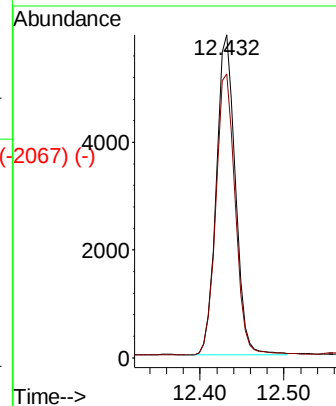
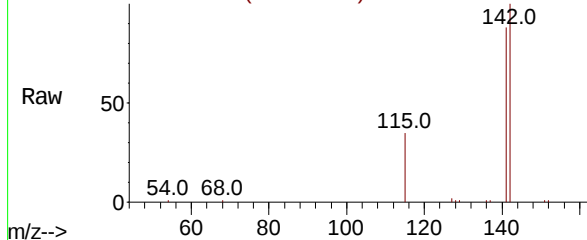


2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.432 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

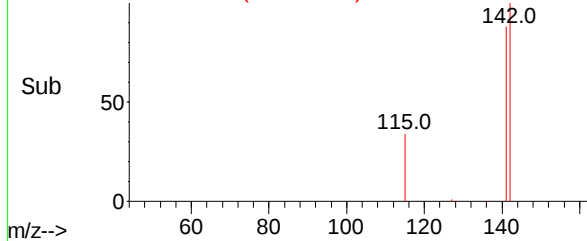
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 9365
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2

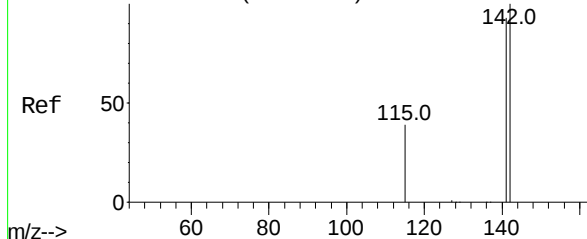
Abundance Scan 2085 (12.432 min): BN023551.D\data.ms



Abundance Scan 2085 (12.432 min): BN023551.D\data.ms (-2067) (-)



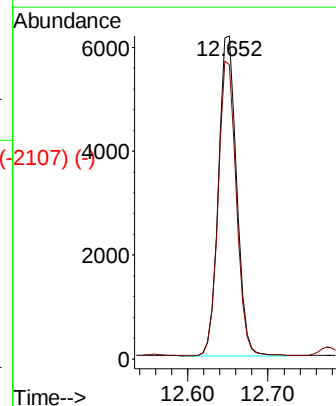
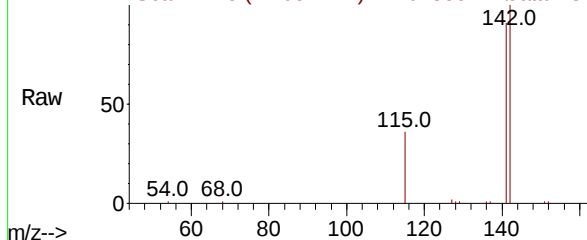
Abundance Scan 2124 (12.647 min): BN023546.D\data.ms (-2118) (-)



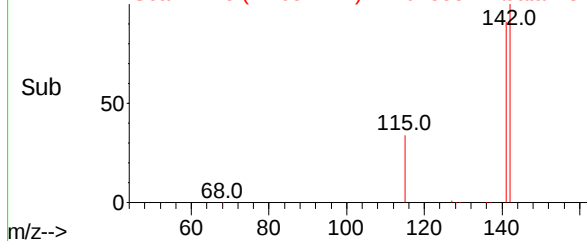
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.652 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

Tgt Ion:142 Resp: 9677
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

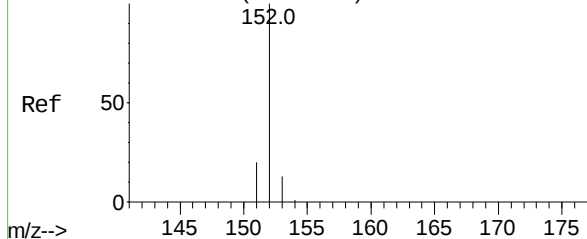
Abundance Scan 2125 (12.652 min): BN023551.D\data.ms



Abundance Scan 2125 (12.652 min): BN023551.D\data.ms (-2107) (-)



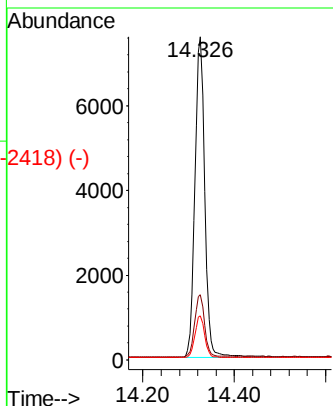
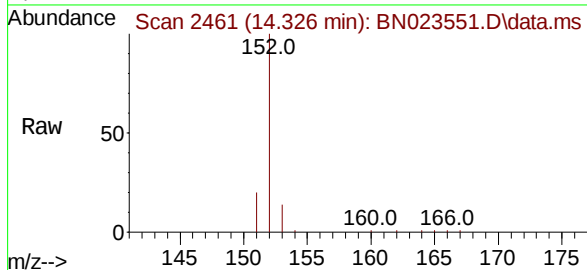
Abundance Scan 2460 (14.322 min): BN023546.D\data.ms (-2410) (-)



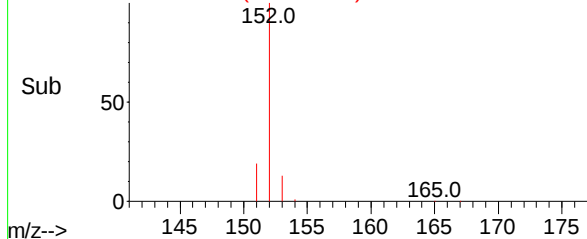
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

Instrument :
BNA_N
ClientSampleId :

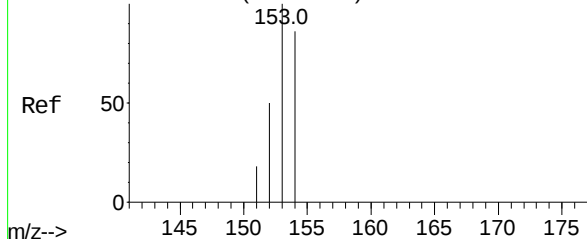
Tgt Ion:	152	Resp:	11300
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.6	10.7	16.1



Abundance Scan 2461 (14.326 min): BN023551.D\data.ms (-2418) (-)

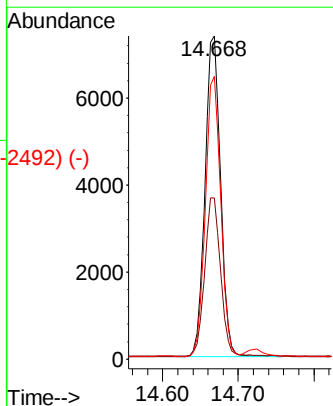
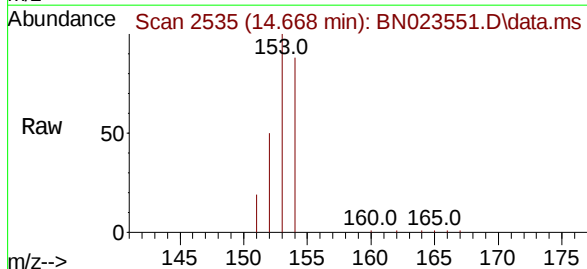


Abundance Scan 2534 (14.664 min): BN023546.D\data.ms (-2511) (-)

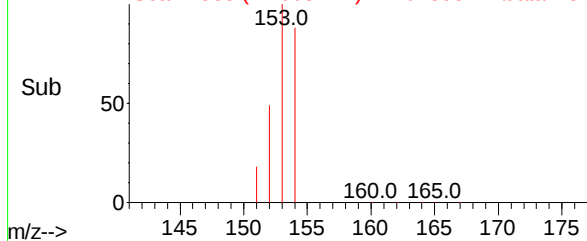


Acenaphthene
Concen: 0.360 ng/ul
RT: 14.668 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

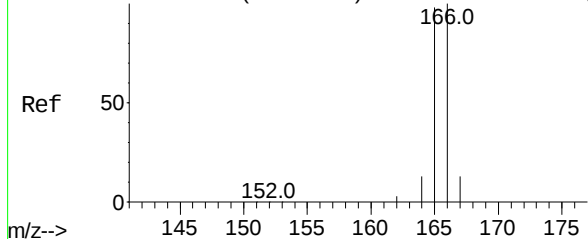
Tgt Ion:	153	Resp:	10543
Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.8	59.8
154	87.6	70.1	105.1



Abundance Scan 2535 (14.668 min): BN023551.D\data.ms (-2492) (-)



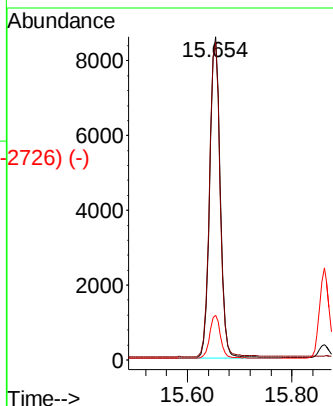
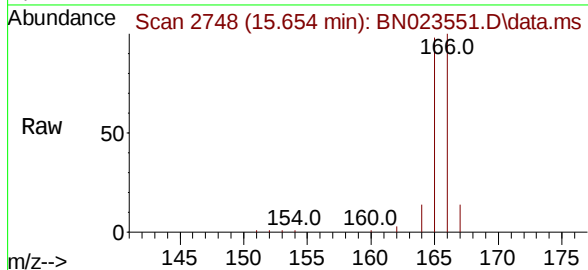
Abundance Scan 2748 (15.654 min): BN023546.D\data.ms (-2739) (-)



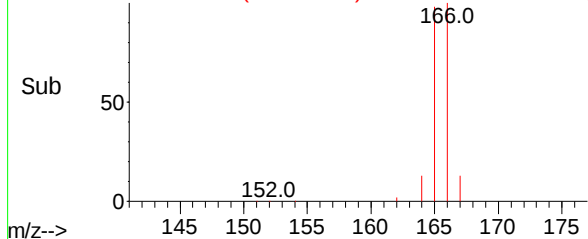
Fluorene
Concen: 0.357 ng/ul
RT: 15.654 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

Instrument :
BNA_N
ClientSampleId :

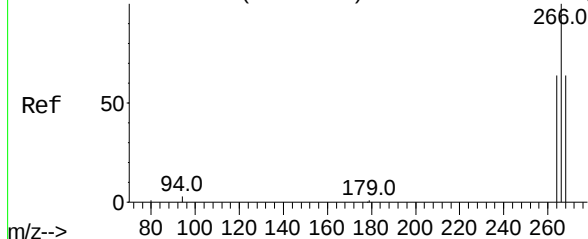
Tgt Ion:	166	Resp:	12001
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.9	11.0	16.6



Abundance Scan 2748 (15.654 min): BN023551.D\data.ms (-2726) (-)

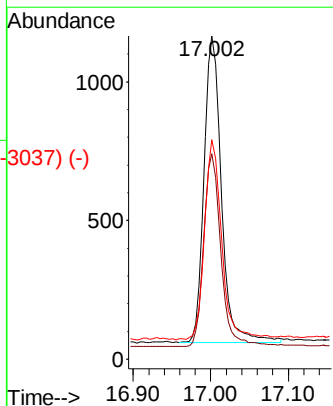
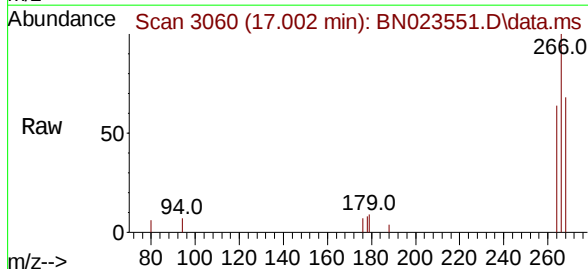


Abundance Scan 3060 (17.002 min): BN023546.D\data.ms (-3054) (-)

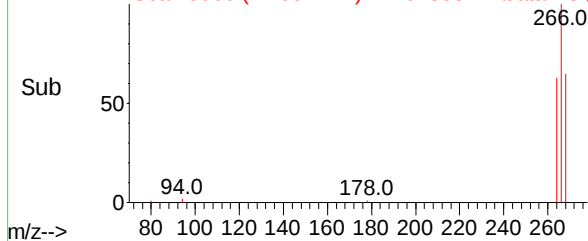


Pentachlorophenol
Concen: 0.297 ng/ul
RT: 17.002 min Scan# 3060
Delta R.T. -0.004 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

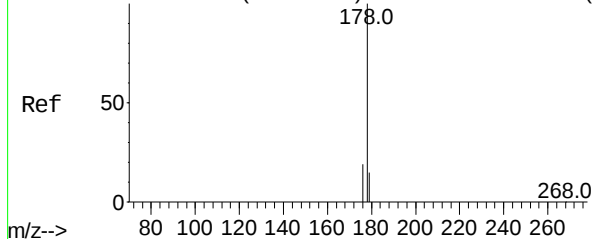
Tgt Ion:	266	Resp:	1716
Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.0	75.0
268	64.8	51.4	77.0



Abundance Scan 3060 (17.002 min): BN023551.D\data.ms (-3037) (-)



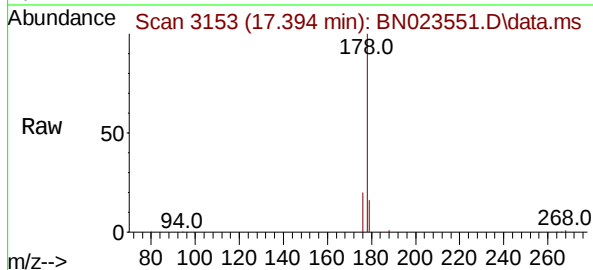
Abundance Scan 3153 (17.394 min): BN023546.D\data.ms (-3135) (-)



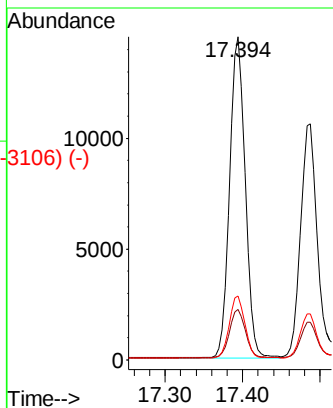
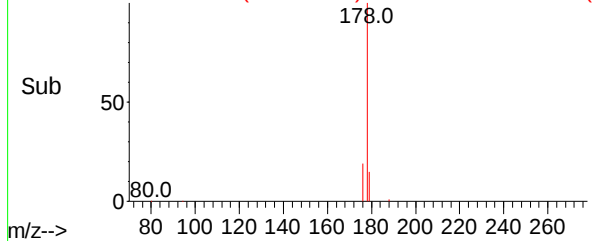
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

Instrument :
BNA_N
ClientSampleId :

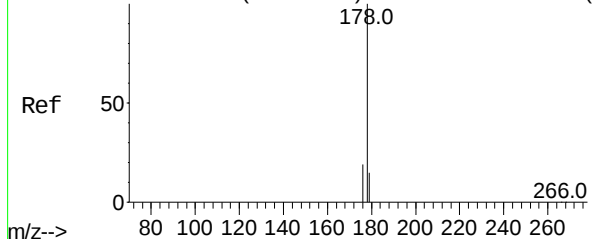
Tgt Ion:	178	Resp:	20218
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.8	15.8	23.8



Abundance Scan 3153 (17.394 min): BN023551.D\data.ms (-3106) (-)

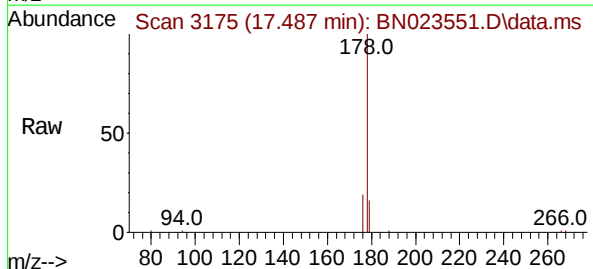


Abundance Scan 3174 (17.483 min): BN023546.D\data.ms (-3116) (-)

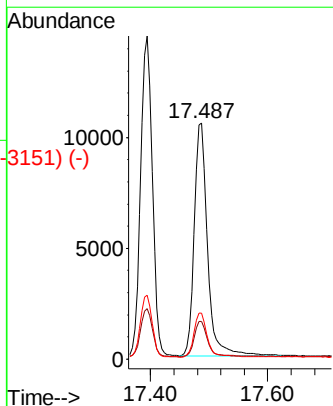
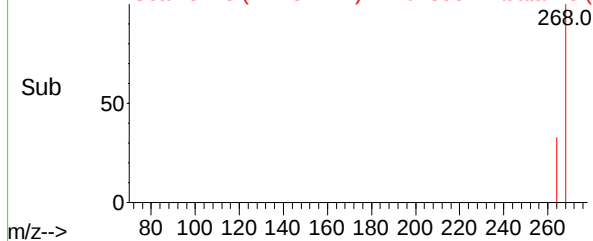


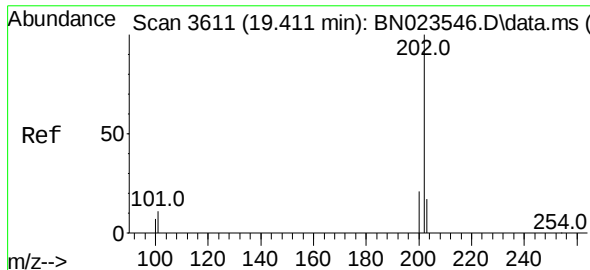
Anthracene
Concen: 0.340 ng/ul
RT: 17.487 min Scan# 3175
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

Tgt Ion:	178	Resp:	16337
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	19.3	15.4	23.2



Abundance Scan 3175 (17.487 min): BN023551.D\data.ms (-3151) (-)





Fluoranthene

Concen: 0.377 ng/ul

RT: 19.411 min Scan#

Delta R.T. -0.000 min

Lab File: BN023551.D

Acq: 04 Jan 2023 13:25

Instrument :

BNA_N

ClientSampleId :

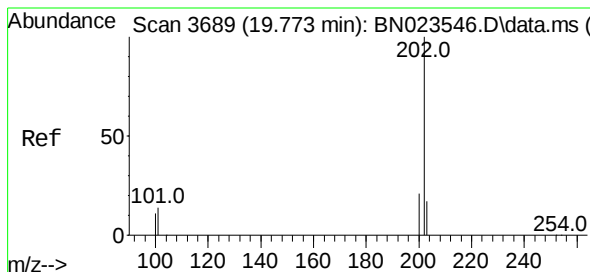
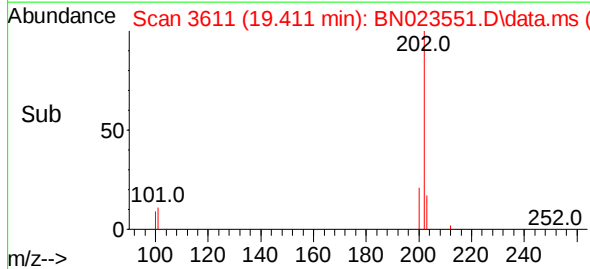
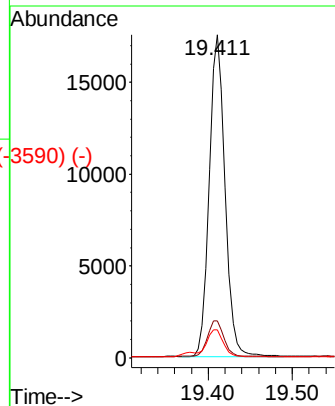
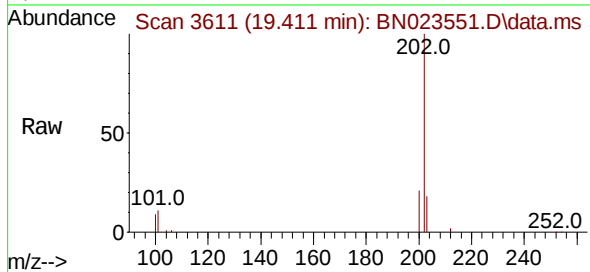
Tgt Ion:202 Resp: 23089

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.6

100 8.8 7.4 11.2



Pyrene

Concen: 0.362 ng/ul

RT: 19.773 min Scan# 3689

Delta R.T. -0.005 min

Lab File: BN023551.D

Acq: 04 Jan 2023 13:25

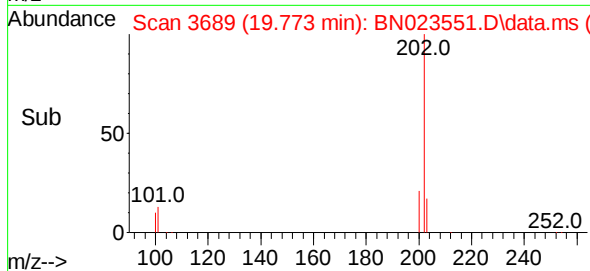
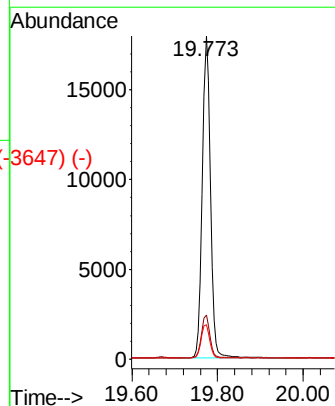
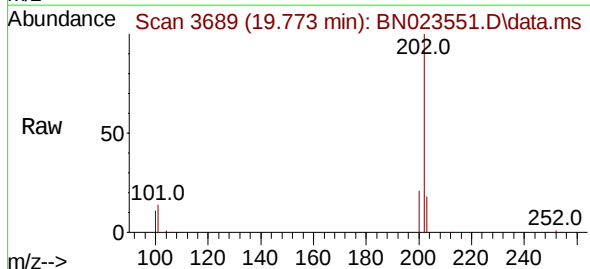
Tgt Ion:202 Resp: 23349

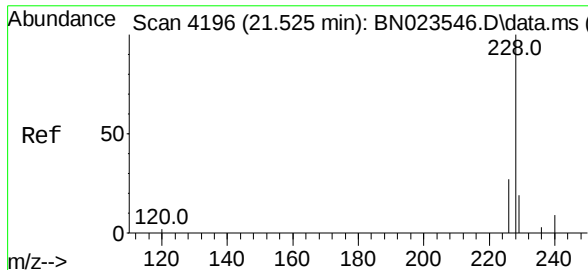
Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

100 10.7 8.0 12.0

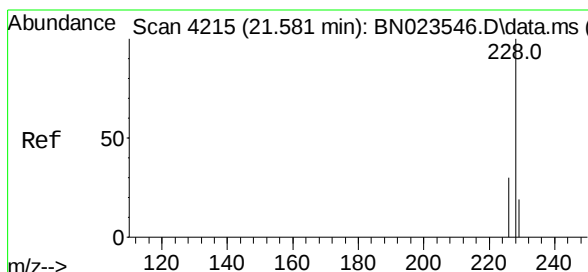
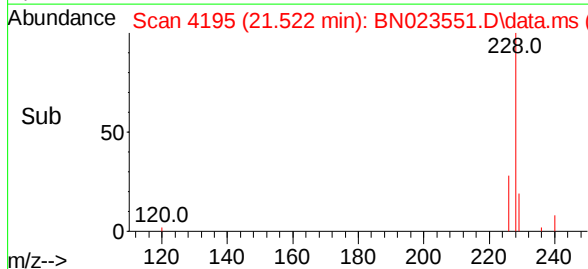
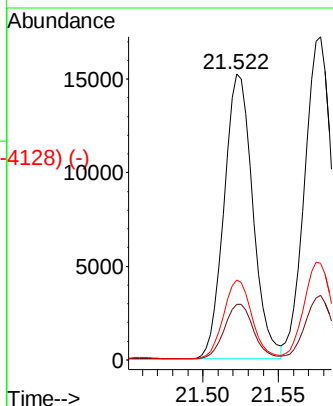
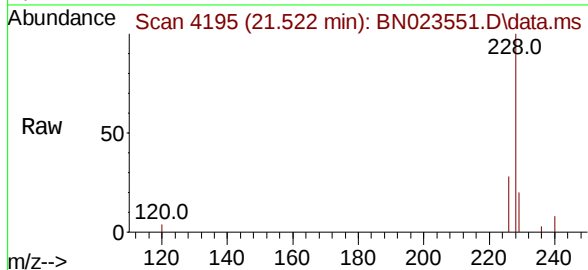




Benzo(a)anthracene
 Concen: 0.336 ng/u1
 RT: 21.522 min Scan# 4195
 Delta R.T. -0.003 min
 Lab File: BN023551.D
 Acq: 04 Jan 2023 13:25

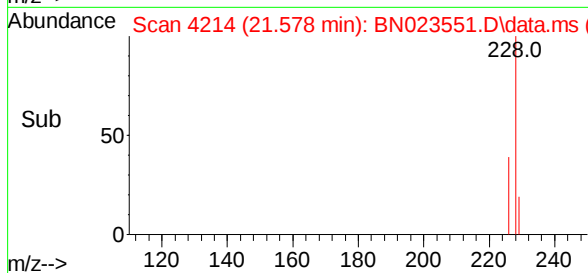
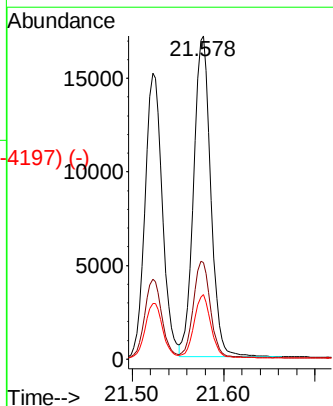
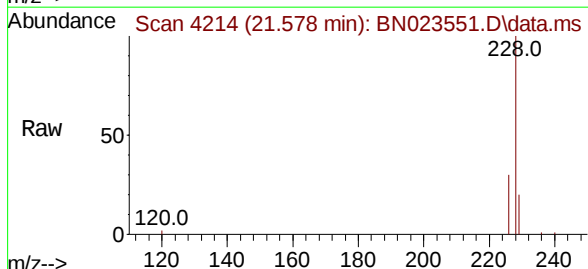
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	228	Resp:	20085
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	27.9	22.4	33.6

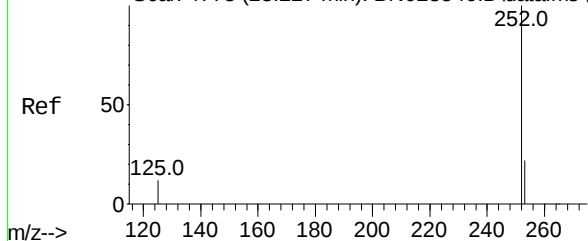


Chrysene
 Concen: 0.368 ng/u1
 RT: 21.578 min Scan# 4214
 Delta R.T. -0.000 min
 Lab File: BN023551.D
 Acq: 04 Jan 2023 13:25

Tgt Ion:	228	Resp:	22126
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	19.9	15.8	23.6



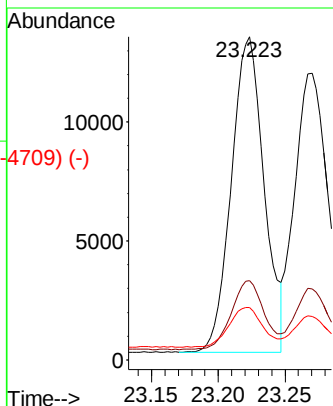
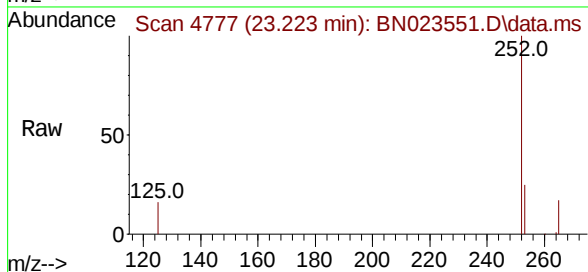
Abundance Scan 4778 (23.227 min): BN023546.D\data.ms (-4721) (-)



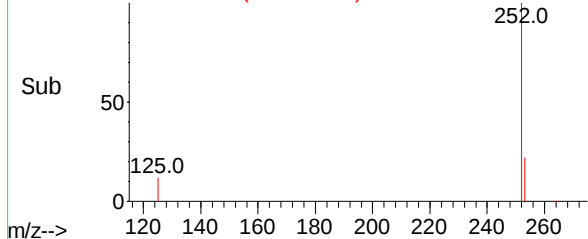
Benzo(b)fluoranthene
Concen: 0.385 ng/u1
RT: 23.223 min Scan# 4721
Delta R.T. -0.000 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

Instrument :
BNA_N
ClientSampleId :

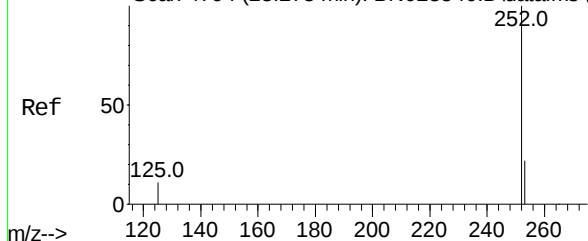
Tgt Ion:	252	Resp:	22640
Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	49.2
125	16.2	0.0	34.2



Abundance Scan 4777 (23.223 min): BN023551.D\data.ms (-4709) (-)

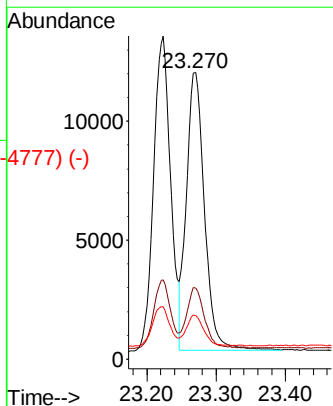
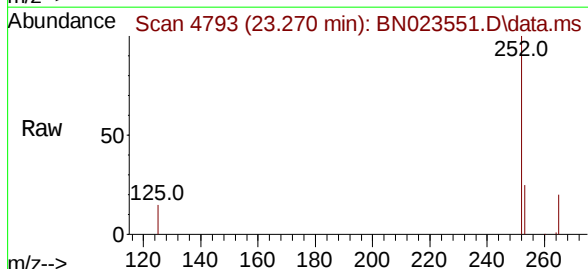


Abundance Scan 4794 (23.273 min): BN023546.D\data.ms (-4725) (-)

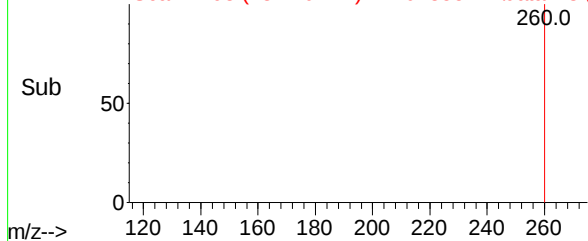


Benzo(k)fluoranthene
Concen: 0.380 ng/u1
RT: 23.270 min Scan# 4793
Delta R.T. -0.003 min
Lab File: BN023551.D
Acq: 04 Jan 2023 13:25

Tgt Ion:	252	Resp:	21015
Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.2	30.2
125	15.2	12.1	18.1



Abundance Scan 4793 (23.270 min): BN023551.D\data.ms (-4777) (-)



Abundance Scan 4994 (23.858 min): BN023546.D\data.ms (-4925) (-)

Benzo(a)pyrene

Concen: 0.364 ng/u1

RT: 23.858 min Scan# 4925

Delta R.T. -0.000 min

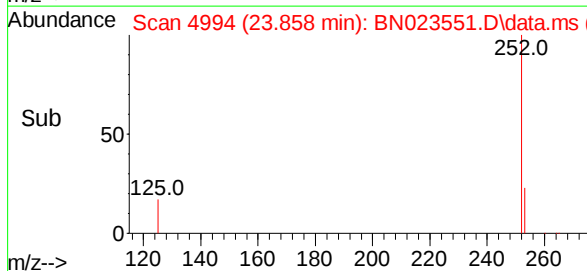
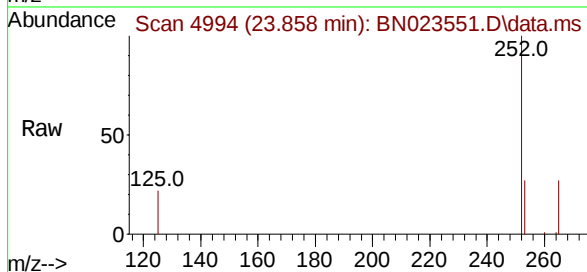
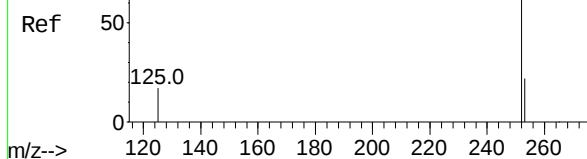
Lab File: BN023551.D

Acq: 04 Jan 2023 13:25

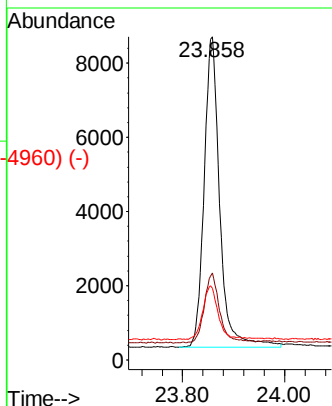
Instrument :

BN023551.D

ClientSampleId :



Tgt Ion:	252	Resp:	17813
Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.4	32.0
125	22.2	18.4	27.6



Abundance Scan 5830 (26.493 min): BN023546.D\data.ms (-5023) (-)

Indeno(1,2,3-cd)pyrene

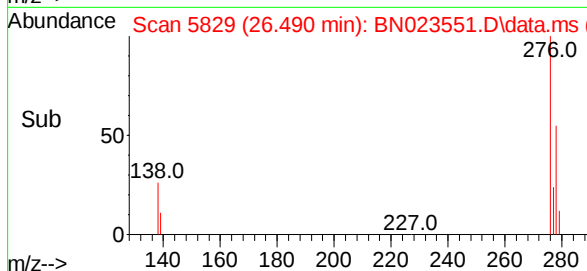
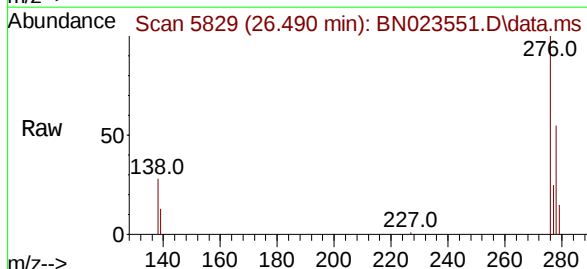
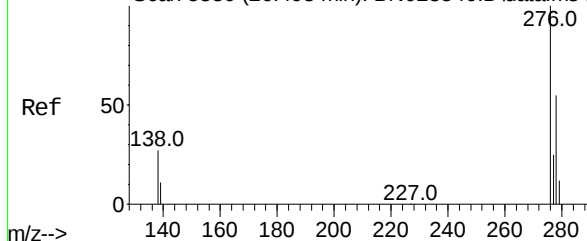
Concen: 0.381 ng/u1

RT: 26.490 min Scan# 5829

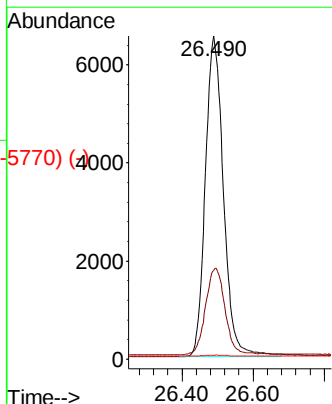
Delta R.T. -0.004 min

Lab File: BN023551.D

Acq: 04 Jan 2023 13:25



Tgt Ion:	276	Resp:	23155
Ion	Ratio	Lower	Upper
276	100		
138	28.9	23.2	34.8
227	0.2	0.1	0.1#



Abundance Scan 5835 (26.510 min): BN023546.D\data.ms (-5629) (-)

Dibenzo(a,h)anthracene

Concen: 0.384 ng/u1

RT: 26.510 min Scan# 5835

Delta R.T. -0.004 min

Lab File: BN023551.D

Acq: 04 Jan 2023 13:25

Ref

138.0

227.0

278.0

m/z-->

Abundance Scan 5835 (26.510 min): BN023551.D\data.ms

Raw

138.0

227.0

278.0

m/z-->

Abundance Scan 5835 (26.510 min): BN023551.D\data.ms (-5776) (-)

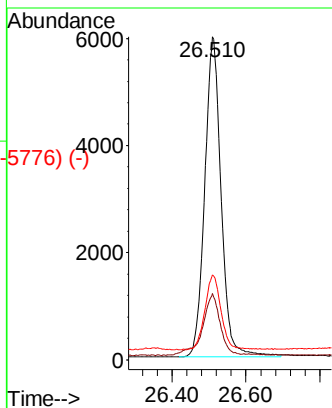
Sub

138.0

227.0

278.0

m/z-->



Tgt Ion:278 Resp: 18470

Ion Ratio Lower Upper

278 100

139 20.5 16.5 24.7

279 26.2 21.0 31.4

Abundance Scan 6062 (27.271 min): BN023546.D\data.ms (-6029) (-)

Benzo(g,h,i)perylene

Concen: 0.395 ng/u1

RT: 27.268 min Scan# 6061

Delta R.T. -0.000 min

Lab File: BN023551.D

Acq: 04 Jan 2023 13:25

Ref

138.0

227.0

276.0

m/z-->

Abundance Scan 6061 (27.268 min): BN023551.D\data.ms

Raw

138.0

227.0

276.0

m/z-->

Abundance Scan 6061 (27.268 min): BN023551.D\data.ms (-6001) (-)

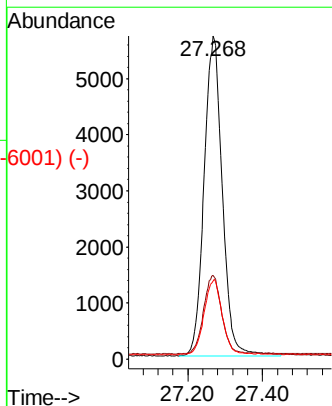
Sub

138.0

227.0

276.0

m/z-->



Tgt Ion:276 Resp: 19171

Ion Ratio Lower Upper

276 100

138 26.0 20.7 31.1

277 24.2 19.6 29.4