

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024474.D
 Acq On : 22 Mar 2023 09:40
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4398

Quant Time: Mar 22 13:31:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 17:57:40 2023
 Response via : Initial Calibration

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

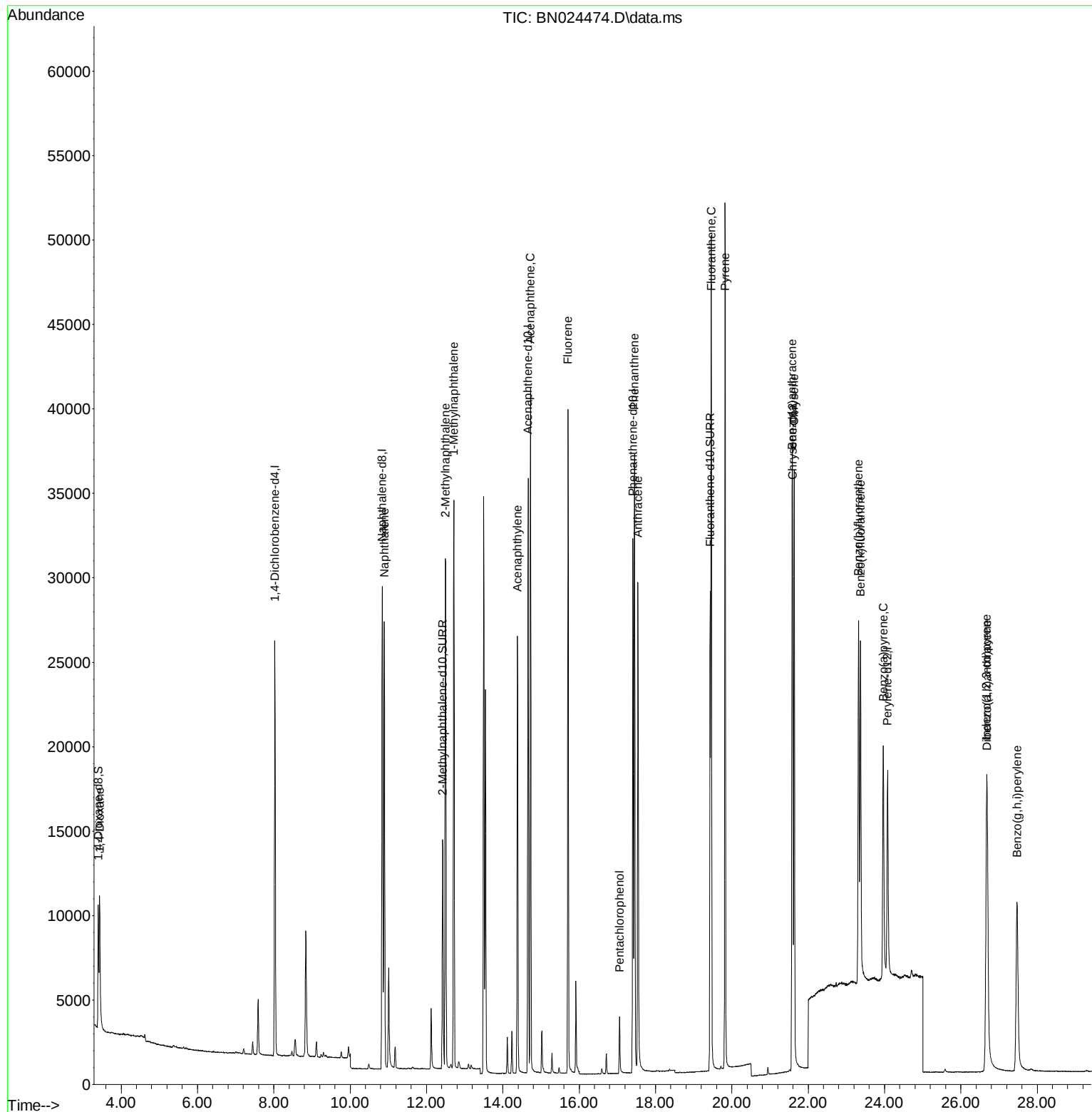
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	13017	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	37770	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	18601	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	36739	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	24464	0.400	ng/ul	0.00
23) Perylene-d12	24.079	264	18480	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	5251	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	17272	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	28648	0.440	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	5325	0.342	ng/ul	97
5) Naphthalene	10.894	128	36612	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.500	142	21805	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	22570	0.375	ng/ul	100
10) Acenaphthylene	14.384	152	29347	0.378	ng/ul	100
11) Acenaphthene	14.726	153	22962	0.384	ng/ul	99
12) Fluorene	15.707	166	24971	0.374	ng/ul	96
14) Pentachlorophenol	17.059	266	2458	0.241	ng/ul#	72
15) Phenanthrene	17.447	178	39773	0.378	ng/ul	100
16) Anthracene	17.540	178	33832	0.366	ng/ul	100
19) Fluoranthene	19.459	202	41573	0.427	ng/ul	98
20) Pyrene	19.822	202	41756	0.423	ng/ul	97
21) Benzo(a)anthracene	21.577	228	29295	0.367	ng/ul	100
22) Chrysene	21.633	228	32276	0.383	ng/ul	100
24) Benzo(b)fluoranthene	23.319	252	29585	0.419	ng/ul	95
25) Benzo(k)fluoranthene	23.369	252	28647	0.391	ng/ul	95
26) Benzo(a)pyrene	23.968	252	23752	0.391	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.676	276	26691	0.390	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.690	278	19680	0.379	ng/ul	97
29) Benzo(g,h,i)perylene	27.471	276	24594	0.414	ng/ul	98

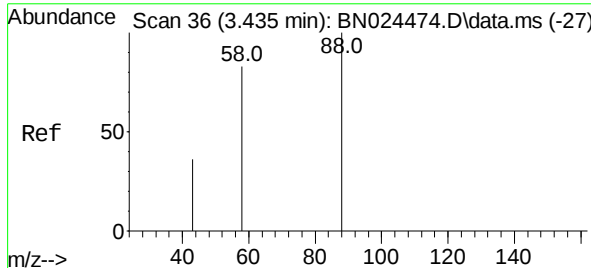
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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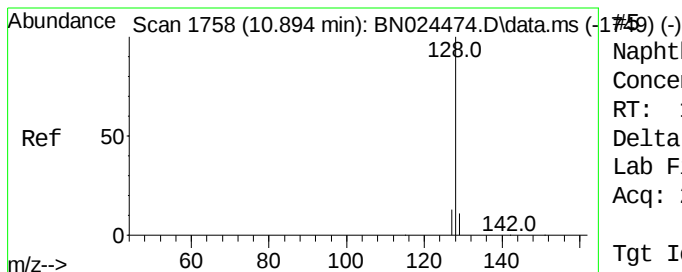
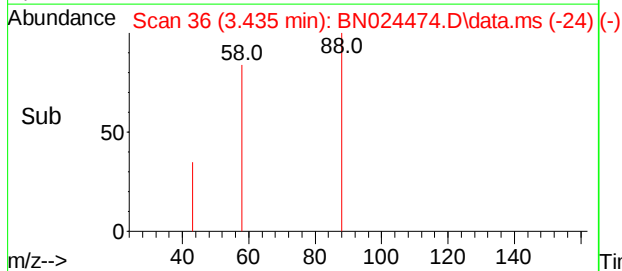
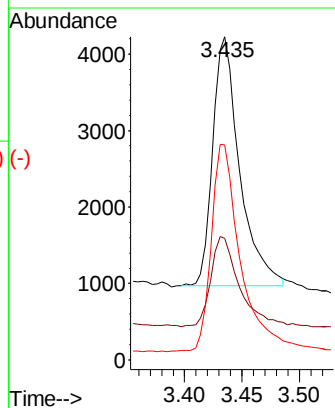
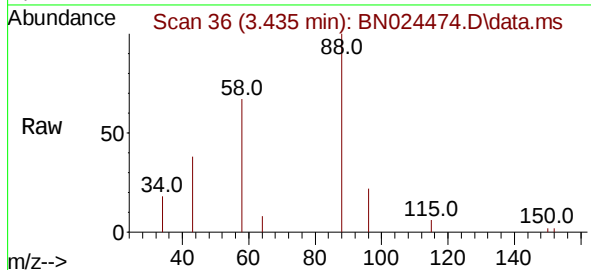




1,4-Dioxane
Concen: 0.342 ng/ul
RT: 3.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

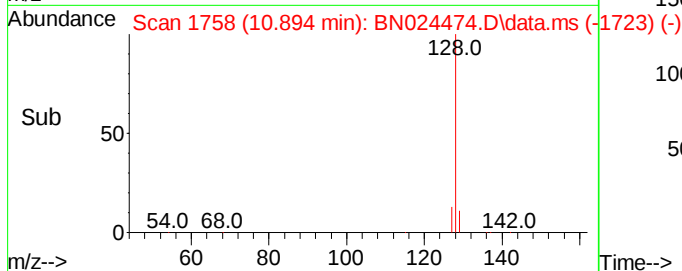
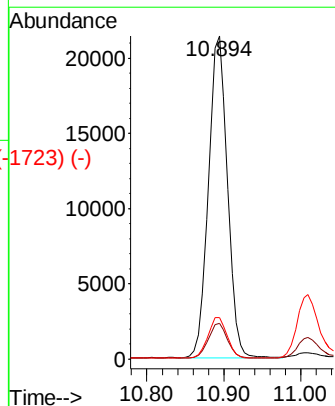
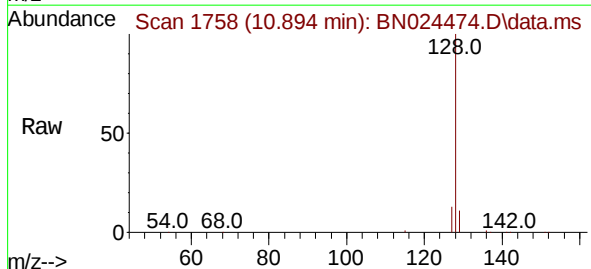
Instrument :
BNA_N
ClientSampleId :
SSTD0.4398

Tgt Ion: 88 Resp: 5325
Ion Ratio Lower Upper
88 100
43 37.6 32.1 48.1
58 66.6 55.1 82.7

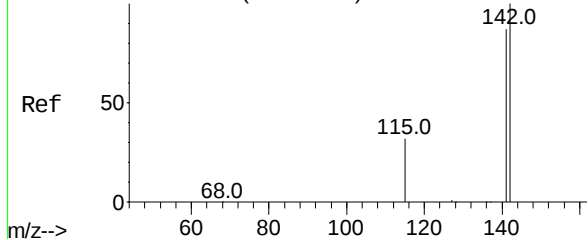


Naphthalene
Concen: 0.388 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. -0.005 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Tgt Ion: 128 Resp: 36612
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.9 10.5 15.7



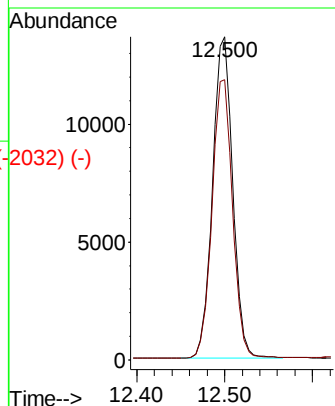
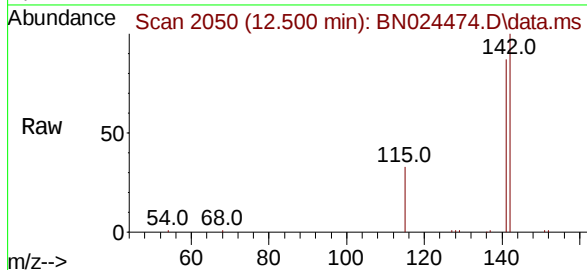
Abundance Scan 2050 (12.500 min): BN024474.D\data.ms (-2071) (-)



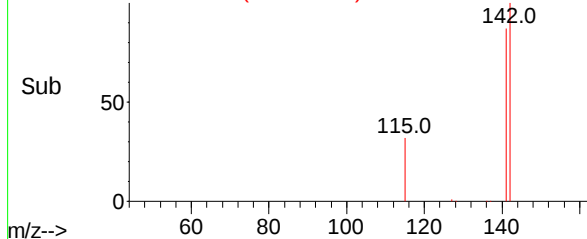
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.4398

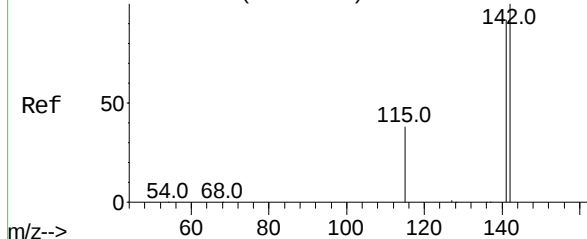
Tgt Ion:142 Resp: 21805
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



Abundance Scan 2050 (12.500 min): BN024474.D\data.ms (-2032) (-)

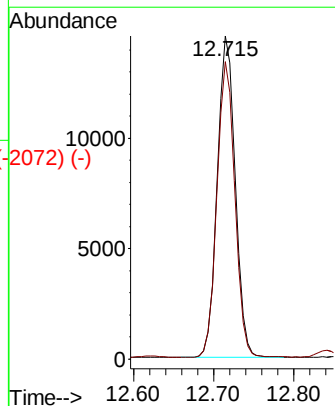
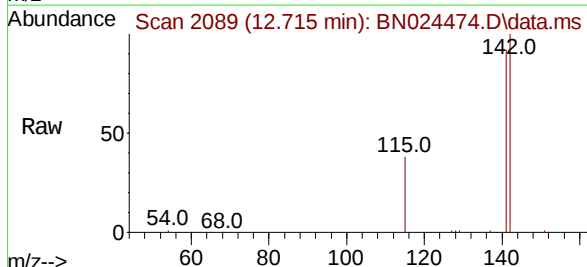


Abundance Scan 2089 (12.715 min): BN024474.D\data.ms (-2078) (-)

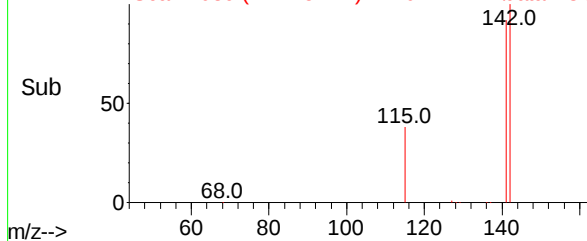


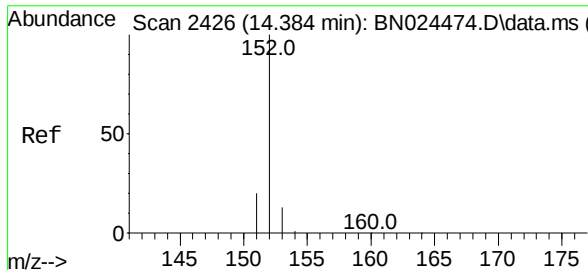
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Tgt Ion:142 Resp: 22570
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.6



Abundance Scan 2089 (12.715 min): BN024474.D\data.ms (-2072) (-)





Acenaphthylene

Concen: 0.378 ng/ul

RT: 14.384 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BN024474.D

Acq: 22 Mar 2023 09:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.4398

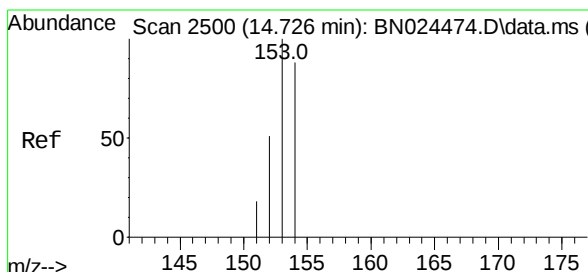
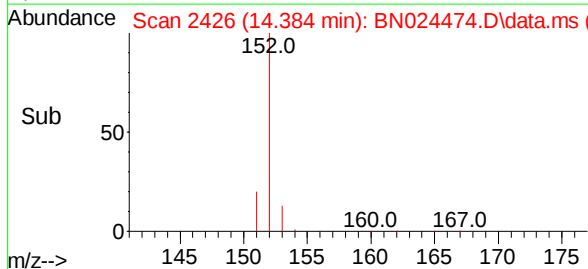
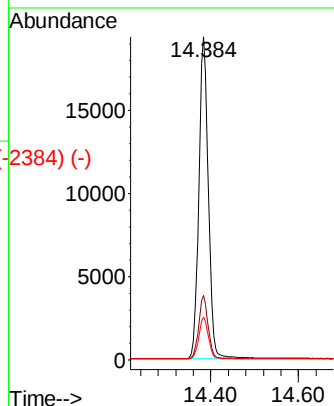
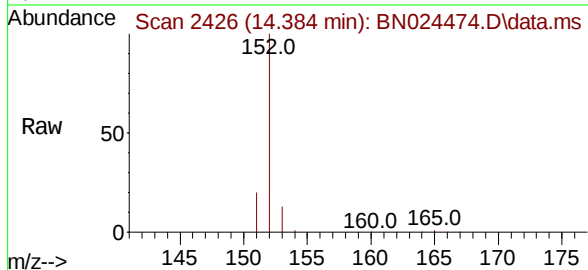
Tgt Ion:152 Resp: 29347

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.3 10.6 16.0



Acenaphthene

Concen: 0.384 ng/ul

RT: 14.726 min Scan# 2500

Delta R.T. -0.005 min

Lab File: BN024474.D

Acq: 22 Mar 2023 09:40

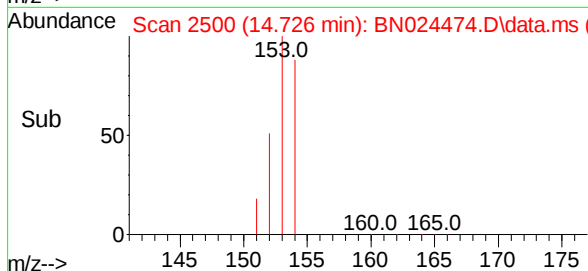
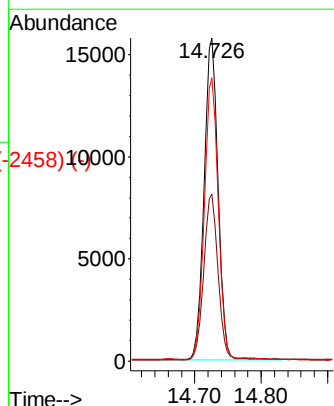
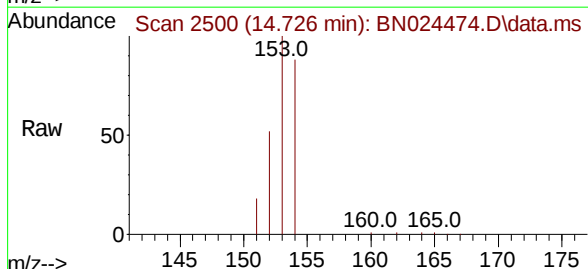
Tgt Ion:153 Resp: 22962

Ion Ratio Lower Upper

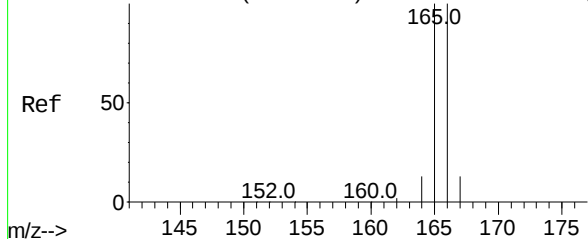
153 100

152 51.7 42.6 64.0

154 87.7 70.6 105.8



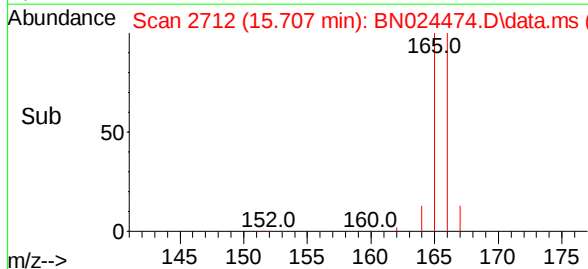
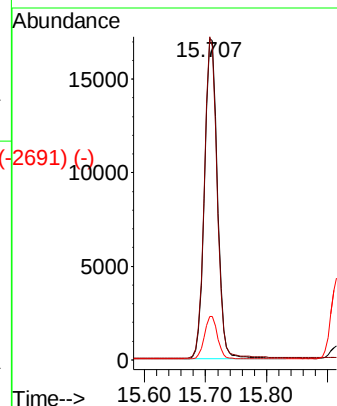
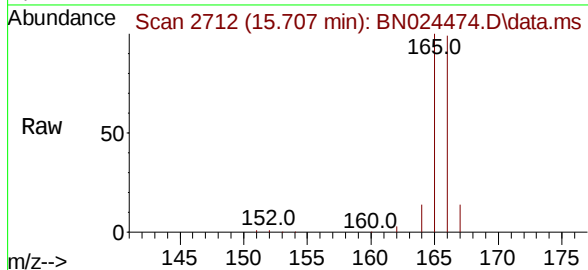
Abundance Scan 2712 (15.707 min): BN024474.D\data.ms (-2712) (-)



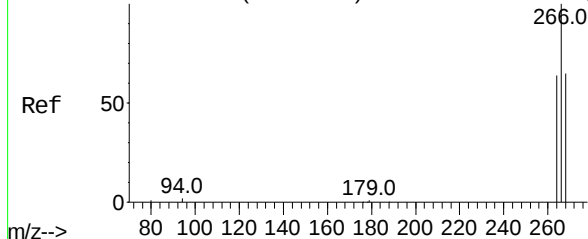
Fluorene
Concen: 0.374 ng/ul
RT: 15.707 min Scan# 2712
Delta R.T. -0.005 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.4398

Tgt Ion:166 Resp: 24971
Ion Ratio Lower Upper
166 100
165 100.7 77.4 116.0
167 13.6 10.9 16.3

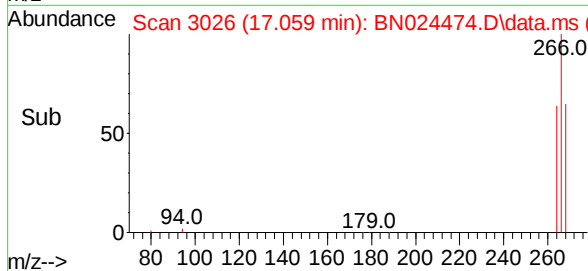
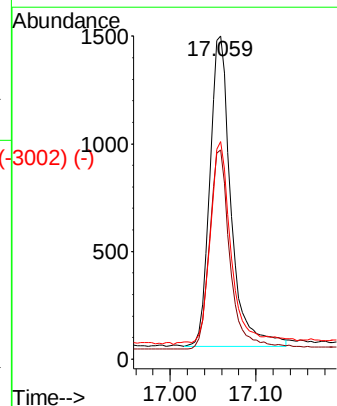
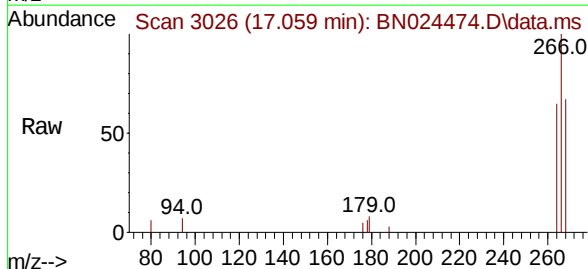


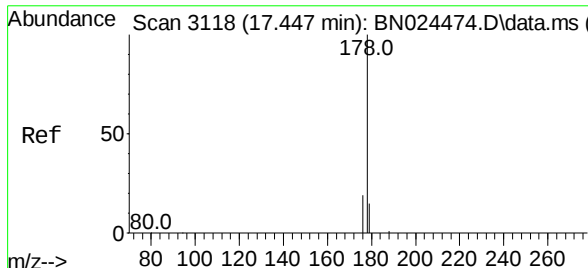
Abundance Scan 3026 (17.059 min): BN024474.D\data.ms (-3026) (-)



Pentachlorophenol
Concen: 0.241 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Tgt Ion:266 Resp: 2458
Ion Ratio Lower Upper
266 100
264 62.7 0.0 0.0#
268 65.9 0.1 0.1#

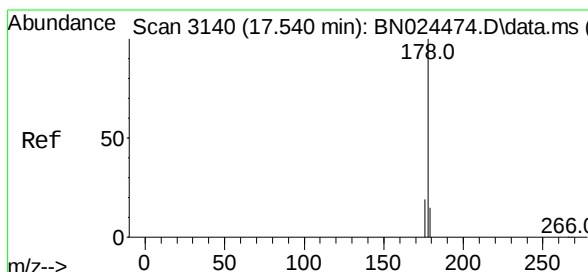
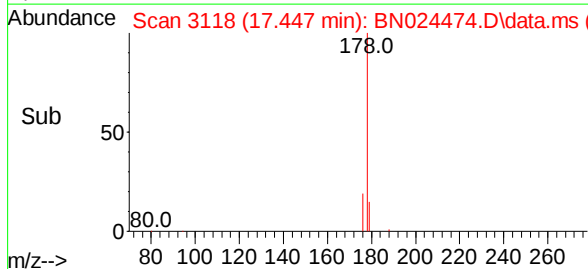
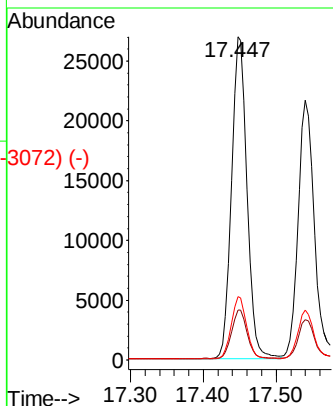
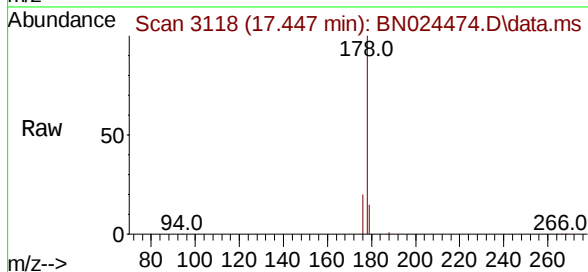




Scan 3118 (17.447 min): BN024474.D\data.ms (-3095) (-)
 Phenanthrene
 Concen: 0.378 ng/ul
 RT: 17.447 min Scan# 3118
 Delta R.T. -0.004 min
 Lab File: BN024474.D
 Acq: 22 Mar 2023 09:40

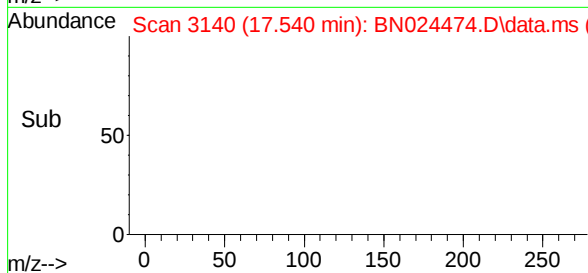
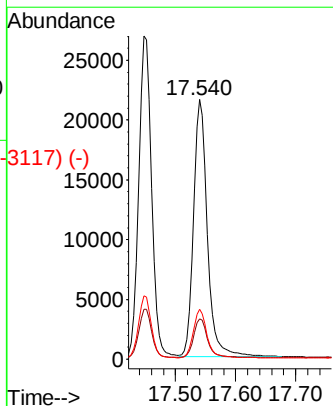
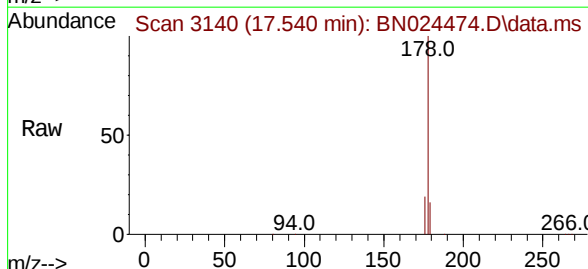
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 SST0.4398

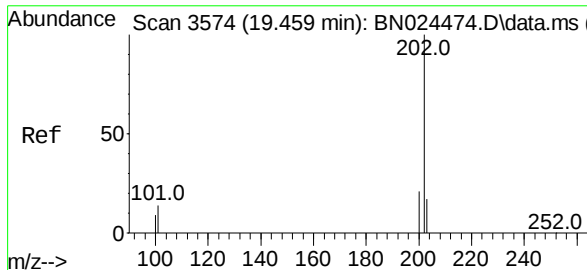
Tgt Ion:	178	Resp:	39773
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.7	15.7	23.5



Scan 3140 (17.540 min): BN024474.D\data.ms (-3116) (-)
 Anthracene
 Concen: 0.366 ng/ul
 RT: 17.540 min Scan# 3140
 Delta R.T. -0.004 min
 Lab File: BN024474.D
 Acq: 22 Mar 2023 09:40

Tgt Ion:	178	Resp:	33832
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.3	15.3	22.9

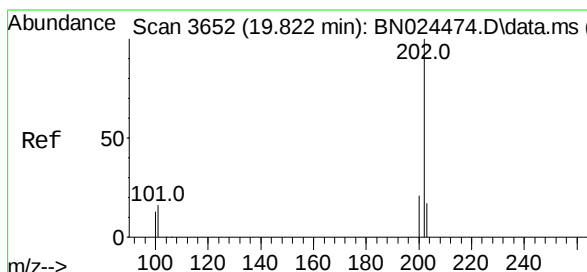
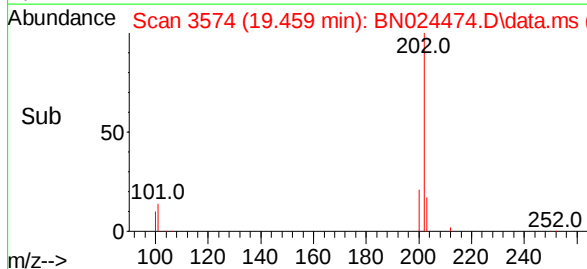
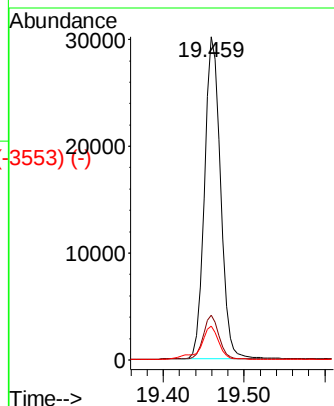
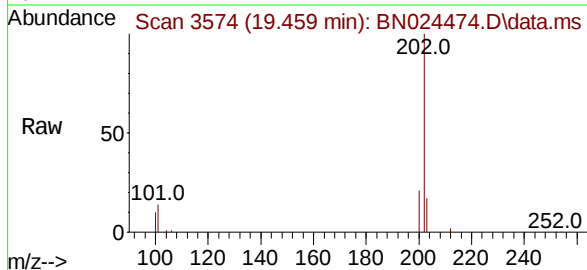




Fluoranthene
Concen: 0.427 ng/ul
RT: 19.459 min Scan# 3574
Delta R.T. -0.005 min
Lab File: BN024474.D
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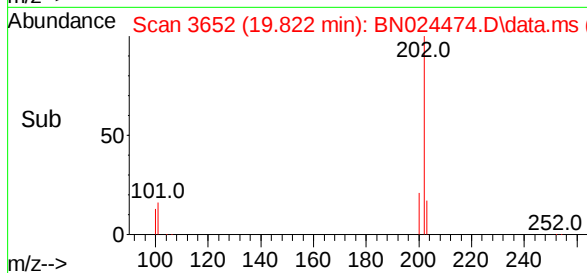
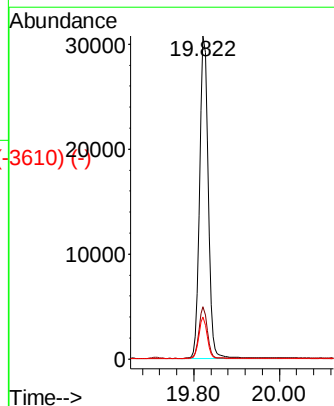
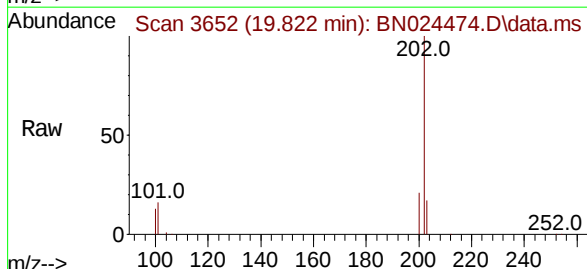
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Tgt Ion:	202	Resp:	41573
Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.4	15.6
100	10.4	7.7	11.5

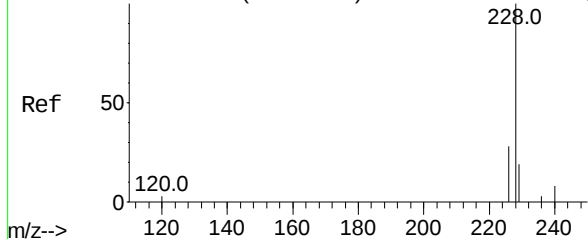


Pyrene
Concen: 0.423 ng/ul
RT: 19.822 min Scan# 3652
Delta R.T. -0.005 min
Lab File: BN024474.D
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Tgt Ion:	202	Resp:	41756
Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.1	18.1
100	13.0	9.4	14.0



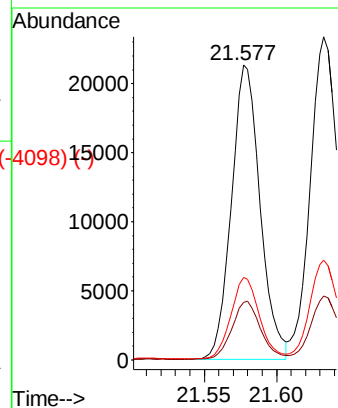
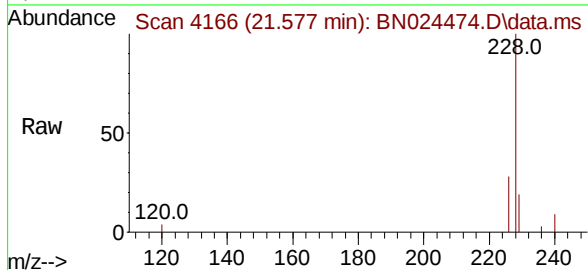
Abundance Scan 4166 (21.577 min): BN024474.D\data.ms (-4122) (-)



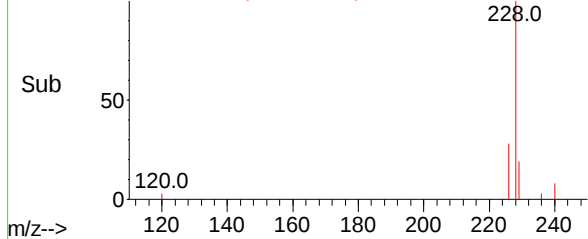
Benzo(a)anthracene
Concen: 0.367 ng/u1
RT: 21.577 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.4398

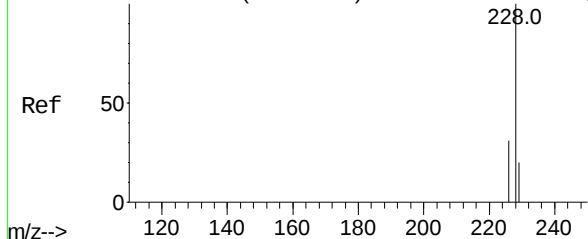
Tgt Ion:	228	Resp:	29295
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.6
226	28.0	22.2	33.4



Abundance Scan 4166 (21.577 min): BN024474.D\data.ms (-4098) (-)

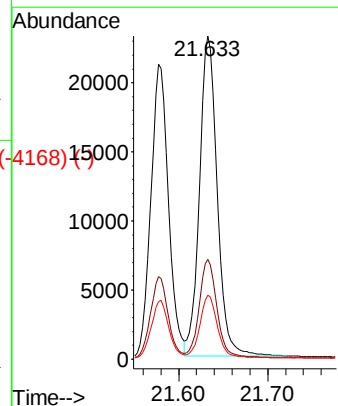
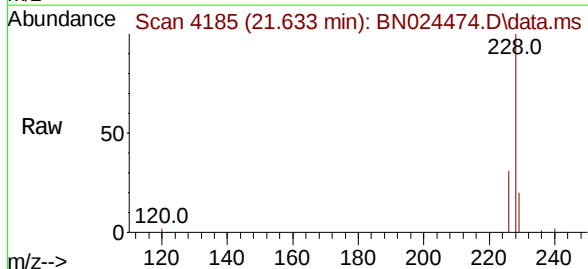


Abundance Scan 4185 (21.633 min): BN024474.D\data.ms (-4122) (-)

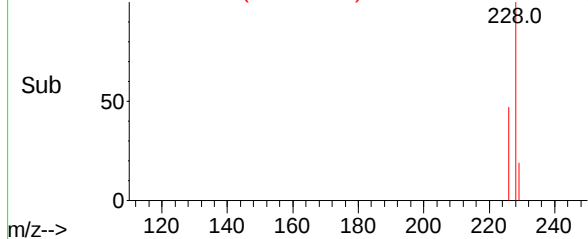


Chrysene
Concen: 0.383 ng/u1
RT: 21.633 min Scan# 4185
Delta R.T. 0.000 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Tgt Ion:	228	Resp:	32276
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	19.8	15.8	23.6



Abundance Scan 4185 (21.633 min): BN024474.D\data.ms (-4168) (-)



Abundance Scan 4762 (23.319 min): BN024474.D\data.ms (-4724) (-)

Benzo(b)fluoranthene

Concen: 0.419 ng/u1

RT: 23.319 min Scan# 4762

Delta R.T. 0.003 min

Lab File: BN024474.D

Acq: 22 Mar 2023 09:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.4398

Tgt Ion:252 Resp: 29585

Ion Ratio Lower Upper

252 100

253 25.6 0.0 46.2

125 18.7 0.0 34.0

Abundance Scan 4762 (23.319 min): BN024474.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4762 (23.319 min): BN024474.D\data.ms (-4693) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

15000

23.319

10000

5000

0

Time-->

23.25 23.30 23.35

Abundance Scan 4779 (23.369 min): BN024474.D\data.ms (-4725) (-)

Benzo(k)fluoranthene

Concen: 0.391 ng/u1

RT: 23.369 min Scan# 4779

Delta R.T. 0.003 min

Lab File: BN024474.D

Acq: 22 Mar 2023 09:40

Tgt Ion:252 Resp: 28647

Ion Ratio Lower Upper

252 100

253 25.5 18.5 27.7

125 18.7 13.2 19.8

Abundance Scan 4779 (23.369 min): BN024474.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4779 (23.369 min): BN024474.D\data.ms (-4761) (-)

Ref 50

125.0

265.0

Sub 50

125.0

265.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

15000

23.369

10000

5000

0

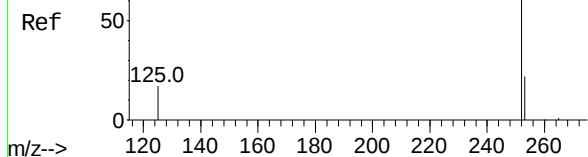
Time-->

23.30 23.40 23.50

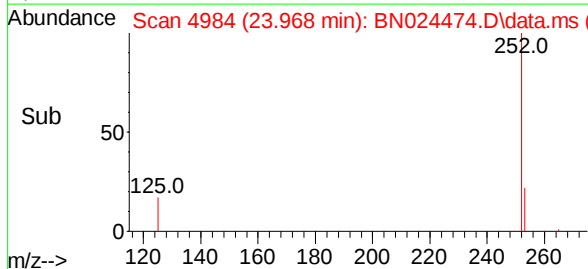
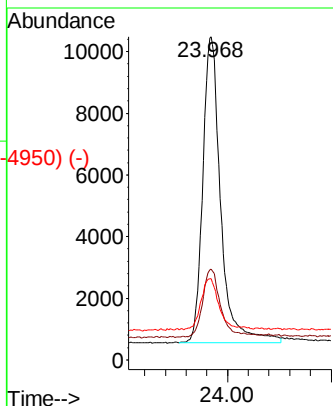
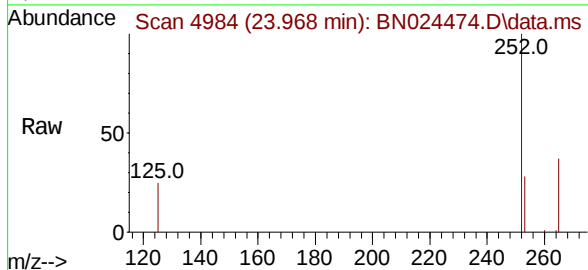
Abundance Scan 4984 (23.968 min): BN024474.D\data.ms (-4925) (-)

Benzo(a)pyrene
Concen: 0.391 ng/u1
RT: 23.968 min Scan# 4925
Delta R.T. 0.000 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.4398



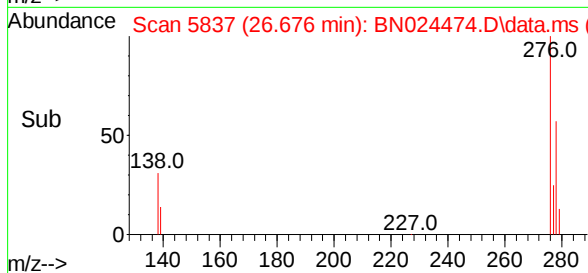
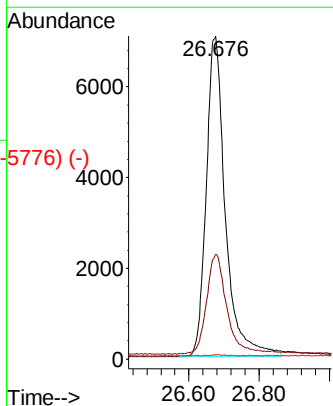
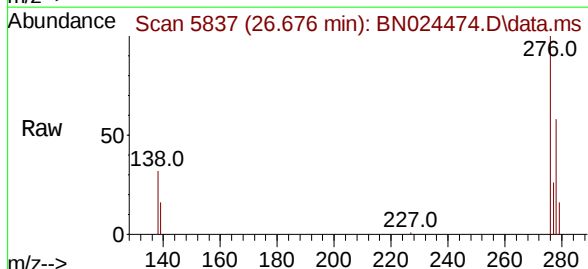
Tgt Ion:	252	Resp:	23752
Ion Ratio	Lower	Upper	
252	100		
253	28.1	19.2	28.8
125	25.2	15.8	23.6#



Abundance Scan 5837 (26.676 min): BN024474.D\data.ms (-5025) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/u1
RT: 26.676 min Scan# 5837
Delta R.T. 0.003 min
Lab File: BN024474.D
Acq: 22 Mar 2023 09:40

Tgt Ion:	276	Resp:	26691
Ion Ratio	Lower	Upper	
276	100		
138	32.9	0.0	0.0#
227	0.2	0.0	0.0#



Abundance Scan 5841 (26.690 min): BN024474.D\data.ms (-5828) (-)

Dibenzo(a,h)anthracene

Concen: 0.379 ng/u1

RT: 26.690 min Scan# 6028

Delta R.T. -0.003 min

Lab File: BN024474.D

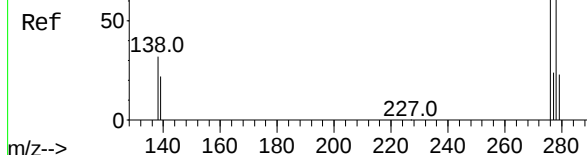
Acq: 22 Mar 2023 09:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.4398



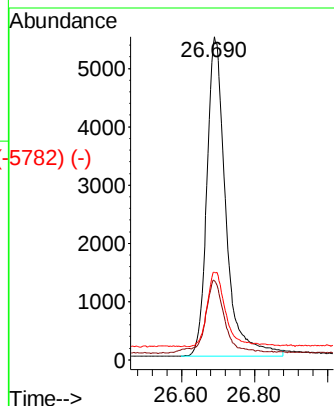
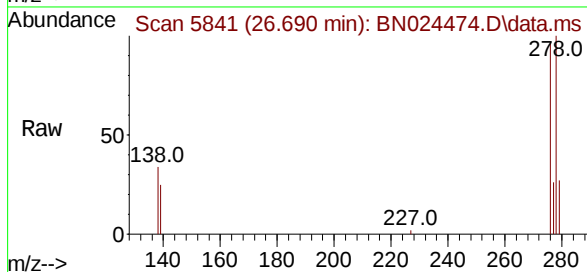
Tgt Ion:278 Resp: 19680

Ion Ratio Lower Upper

278 100

139 24.5 21.0 31.6

279 27.2 20.4 30.6



Abundance Scan 5841 (26.690 min): BN024474.D\data.ms (-5782) (-)

278.0

227.0

138.0

50

0

m/z-->

Sub

m/z-->

Abundance Scan 6074 (27.471 min): BN024474.D\data.ms (-6029) (-)

Benzo(g,h,i)perylene

Concen: 0.414 ng/u1

RT: 27.471 min Scan# 6074

Delta R.T. 0.000 min

Lab File: BN024474.D

Acq: 22 Mar 2023 09:40

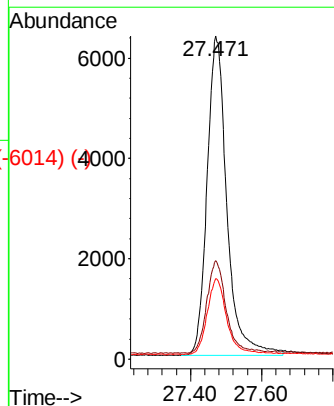
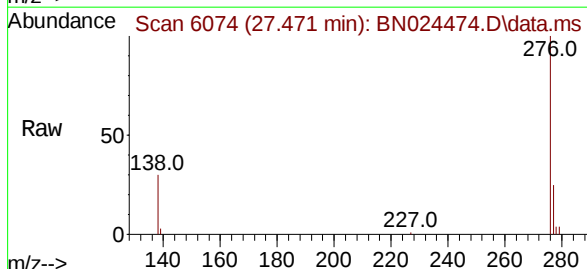
Tgt Ion:276 Resp: 24594

Ion Ratio Lower Upper

276 100

138 30.5 25.2 37.8

277 24.8 19.4 29.2



Abundance Scan 6074 (27.471 min): BN024474.D\data.ms (-6014) (-)

276.0

227.0

138.0

50

0

m/z-->

Sub

m/z-->