

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024477.D
 Acq On : 22 Mar 2023 11:29
 Operator : CG/JU
 Sample : 01810-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAF8

Quant Time: Mar 22 13:31:50 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)

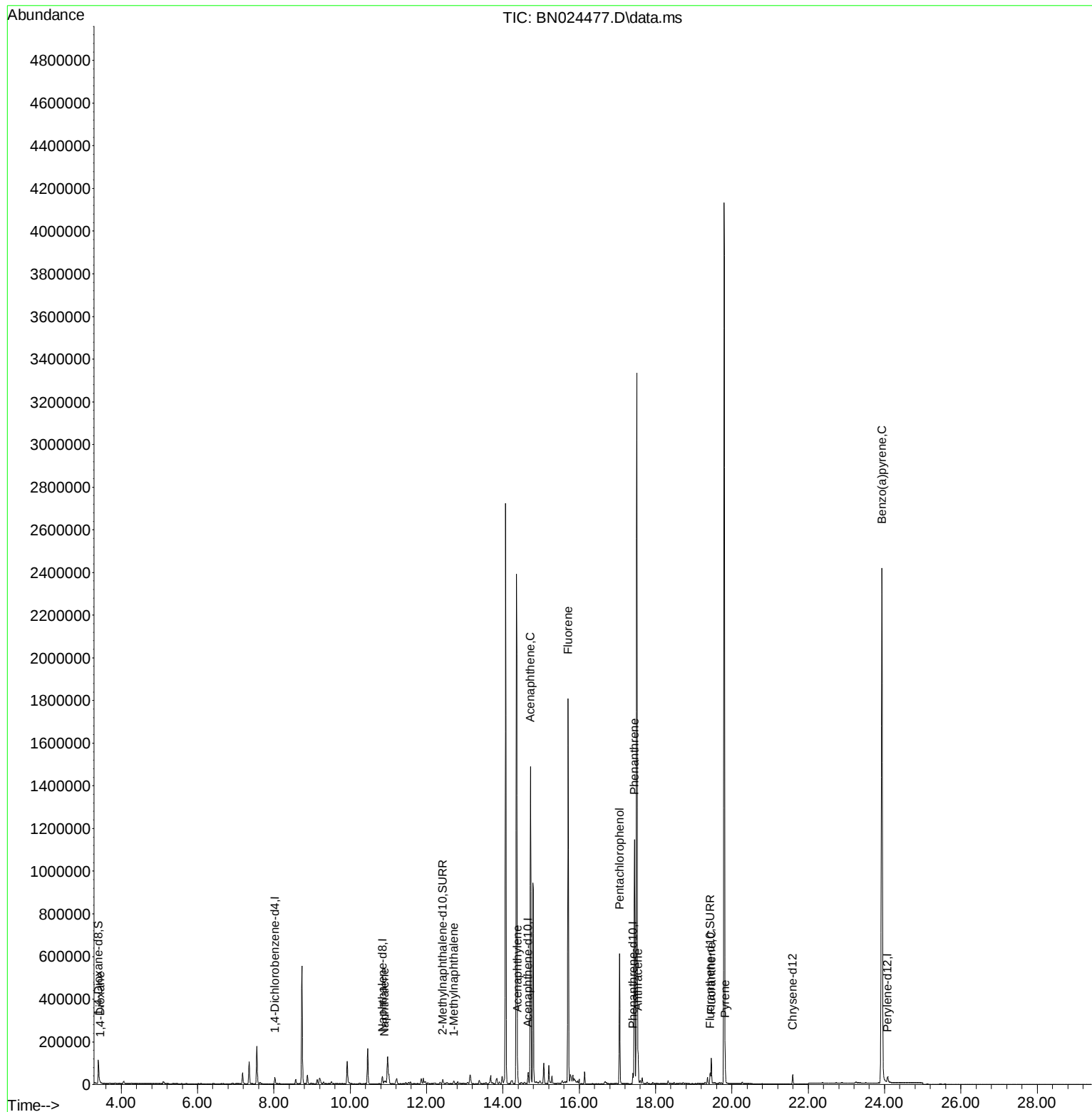
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	15932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	46605	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	27031	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.409	188	54923	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	41539	0.400	ng/ul	0.00
23) Perylene-d12	24.082	264	41685	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	77377	4.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	22186	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	52488	0.475	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	696	0.036	ng/ul#	51
5) Naphthalene	10.894	128	15547	0.134	ng/ul#	88
8) 1-Methylnaphthalene	12.714	142	3411	0.046	ng/ul	96
10) Acenaphthylene	14.383	152	40535	0.359	ng/ul#	90
11) Acenaphthene	14.726	153	826856	9.516	ng/ul	97
12) Fluorene	15.711	166	1114310	11.484	ng/ul	99
14) Pentachlorophenol	17.058	266	372341	24.408	ng/ul#	73
15) Phenanthrene	17.451	178	1202941	7.647	ng/ul	99
16) Anthracene	17.544	178	126138	0.914	ng/ul	100
19) Fluoranthene	19.464	202	96969	0.587	ng/ul	99
20) Pyrene	19.826	202	53650	0.320	ng/ul	96
26) Benzo(a)pyrene	23.933	252	14955	0.109	ng/ul#	64

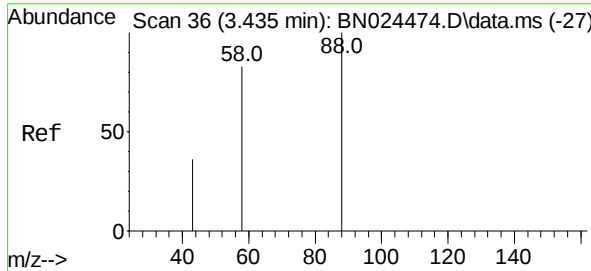
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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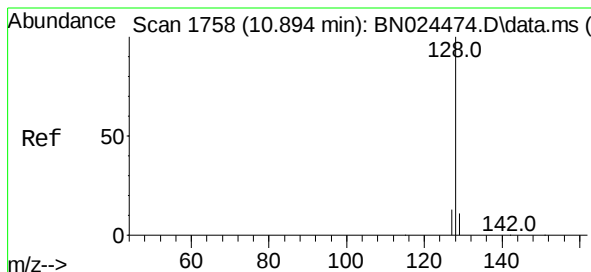
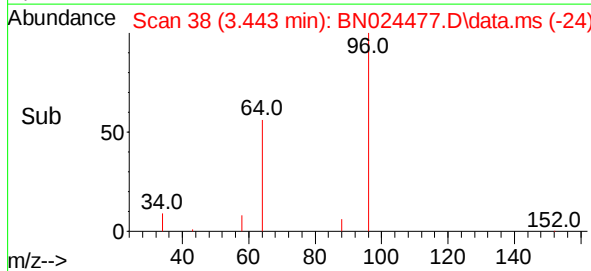
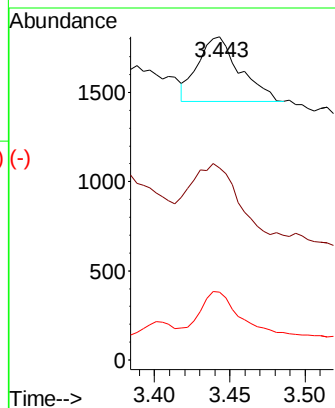
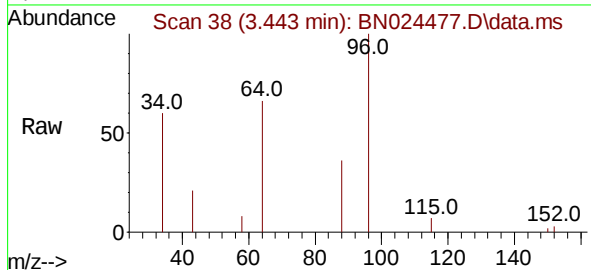




1,4-Dioxane
 Concen: 0.036 ng/ul
 RT: 3.443 min Scan# 1
 Delta R.T. 0.008 min
 Lab File: BN024477.D
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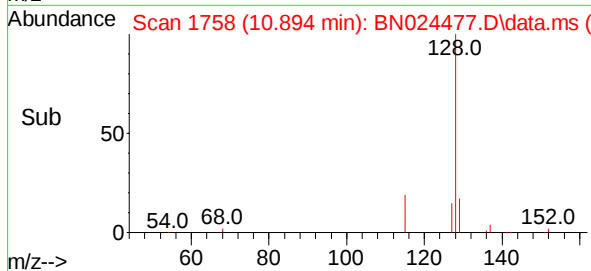
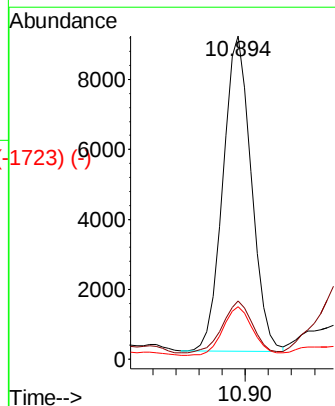
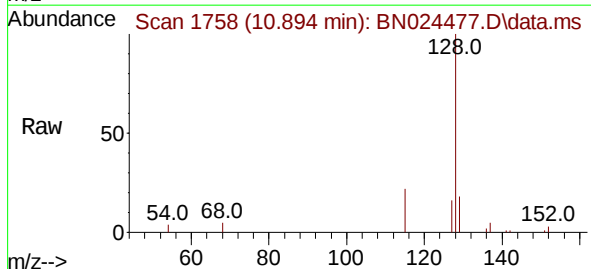
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Tgt Ion:	88	Resp:	696
Ion	Ratio	Lower	Upper
88	100		
43	59.4	32.1	48.1#
58	20.9	55.1	82.7#



Naphthalene
 Concen: 0.134 ng/ul
 RT: 10.894 min Scan# 1758
 Delta R.T. -0.006 min
 Lab File: BN024477.D
 Acq: 22 Mar 2023 11:29

Tgt Ion:	128	Resp:	15547
Ion	Ratio	Lower	Upper
128	100		
129	18.0	9.0	13.6#
127	16.3	10.5	15.7#



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

1-Methylnaphthalene

Concen: 0.046 ng/u1

RT: 12.714 min Scan# 2089

Delta R.T. -0.006 min

Lab File: BN024477.D

Acq: 22 Mar 2023 11:29

Instrument :

BNA_N

ClientSampleId :

DCAF8

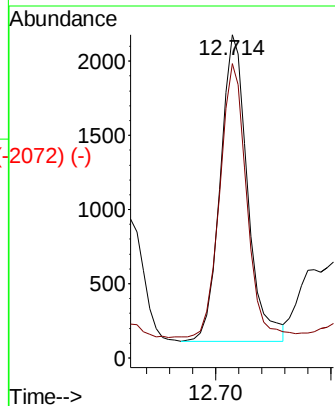
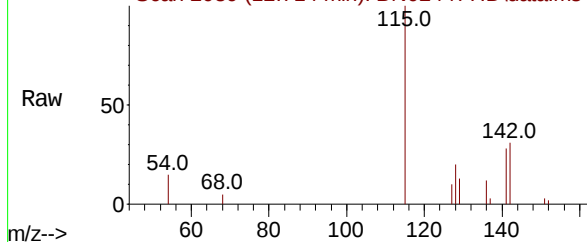
Tgt Ion:142 Resp: 3411

Ion Ratio Lower Upper

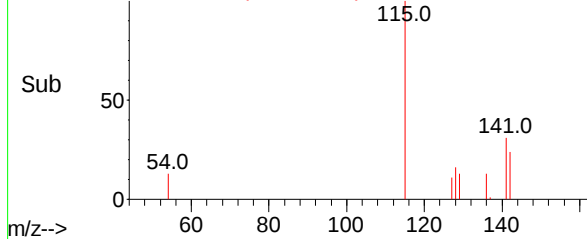
142 100

141 87.3 73.0 109.6

Abundance Scan 2089 (12.714 min): BN024477.D\data.ms



Abundance Scan 2089 (12.714 min): BN024477.D\data.ms (-2072) (-)



Abundance Scan 2426 (14.384 min): BN024474.D\data.ms (-2415) (-)

Acenaphthylene

Concen: 0.359 ng/u1

RT: 14.383 min Scan# 2426

Delta R.T. -0.005 min

Lab File: BN024477.D

Acq: 22 Mar 2023 11:29

Tgt Ion:152 Resp: 40535

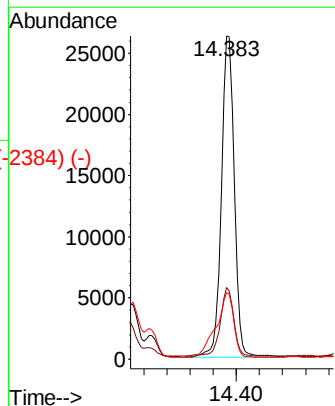
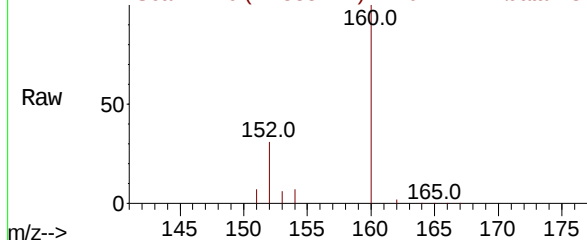
Ion Ratio Lower Upper

152 100

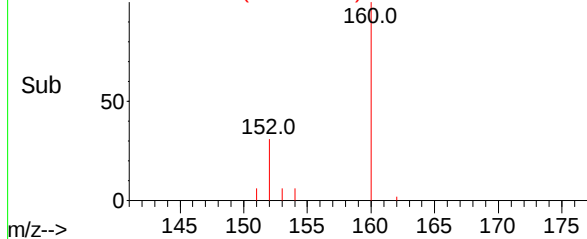
151 22.2 15.9 23.9

153 20.6 10.6 16.0#

Abundance Scan 2426 (14.383 min): BN024477.D\data.ms



Abundance Scan 2426 (14.383 min): BN024477.D\data.ms (-2384) (-)



Abundance Scan 2500 (14.726 min): BN024474.D\data.ms (-2458) (-)

Acenaphthene

Concen: 9.516 ng/u1

RT: 14.726 min Scan# 2500

Delta R.T. -0.005 min

Lab File: BN024477.D

Acq: 22 Mar 2023 11:29

Instrument :

BNA_N

ClientSampleId :

DCAF8

Tgt Ion:153 Resp: 826856

Ion Ratio Lower Upper

153 100

152 48.3 42.6 64.0

154 88.8 70.6 105.8

Abundance Scan 2500 (14.726 min): BN024477.D\data.ms

Ref

153.0

160.0 165.0

m/z-->

Raw

153.0

160.0 165.0

m/z-->

Abundance Scan 2500 (14.726 min): BN024477.D\data.ms (-2458) (-)

Sub

153.0

164.0

m/z-->

Abundance

14.726

600000

400000

200000

0

Time-->

Abundance Scan 2712 (15.707 min): BN024474.D\data.ms (-2713) (-)

Fluorene

Concen: 11.484 ng/u1

RT: 15.711 min Scan# 2713

Delta R.T. -0.000 min

Lab File: BN024477.D

Acq: 22 Mar 2023 11:29

Tgt Ion:166 Resp: 1114310

Ion Ratio Lower Upper

166 100

165 97.4 77.4 116.0

167 14.0 10.9 16.3

Abundance Scan 2713 (15.711 min): BN024477.D\data.ms

Ref

166.0

154.0 160.0

m/z-->

Raw

166.0

154.0 160.0

m/z-->

Abundance Scan 2713 (15.711 min): BN024477.D\data.ms (-2691) (-)

Sub

166.0

152.0 160.0

m/z-->

Abundance

15.711

600000

400000

200000

0

Time-->

Abundance Scan 3026 (17.059 min): BN024474.D\data.ms (-3014) (-)

Pentachlorophenol

Concen: 24.408 ng/u1

RT: 17.058 min Scan# 3014

Delta R.T. -0.000 min

Lab File: BN024477.D

Acq: 22 Mar 2023 11:29

Instrument :

BNA_N

ClientSampleId :

DCAF8

Tgt Ion:266 Resp: 372341

Ion Ratio Lower Upper

266 100

264 62.8 0.0 0.0#

268 63.9 0.1 0.1#

Abundance Scan 3026 (17.058 min): BN024477.D\data.ms

Ref 50

266.0

Raw 50

94.0 179.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3026 (17.058 min): BN024477.D\data.ms (-3002) (-)

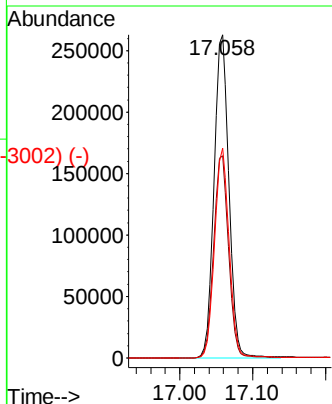
Sub 50

266.0

94.0 179.0

m/z-->

80 100 120 140 160 180 200 220 240 260



Abundance Scan 3118 (17.447 min): BN024474.D\data.ms (-3015) (-)

Phenanthrene

Concen: 7.647 ng/u1

RT: 17.451 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BN024477.D

Acq: 22 Mar 2023 11:29

Tgt Ion:178 Resp: 1202941

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.2 15.7 23.5

Abundance Scan 3119 (17.451 min): BN024477.D\data.ms

Ref 50

178.0

Raw 50

94.0 179.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3119 (17.451 min): BN024477.D\data.ms (-3072) (-)

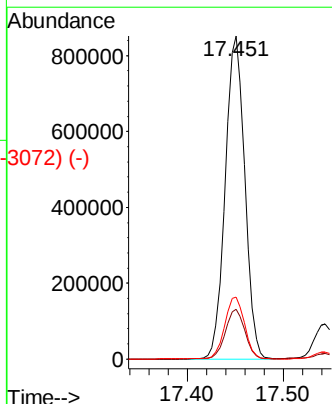
Sub 50

178.0

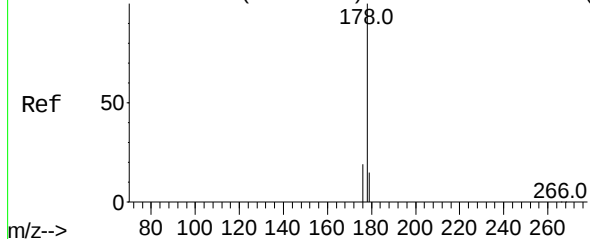
94.0

m/z-->

80 100 120 140 160 180 200 220 240 260



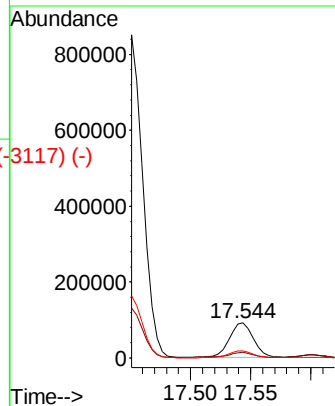
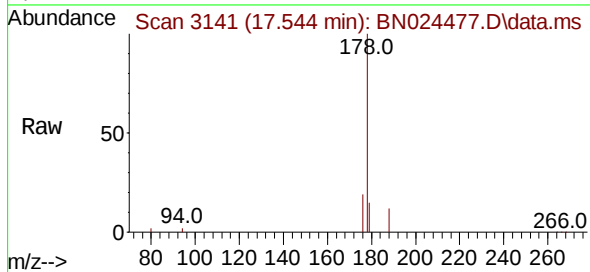
Abundance Scan 3140 (17.540 min): BN024474.D\data.ms (-3117) (-)



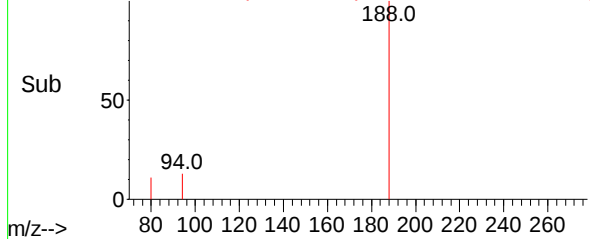
Anthracene
Concen: 0.914 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BN024477.D
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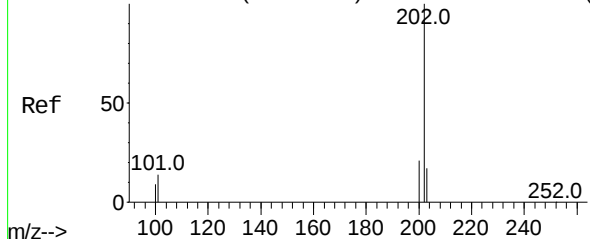
Tgt Ion:	178	Resp:	126138
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.3	15.3	22.9



Abundance Scan 3141 (17.544 min): BN024477.D\data.ms (-3117) (-)

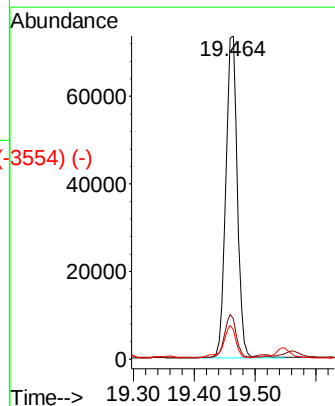
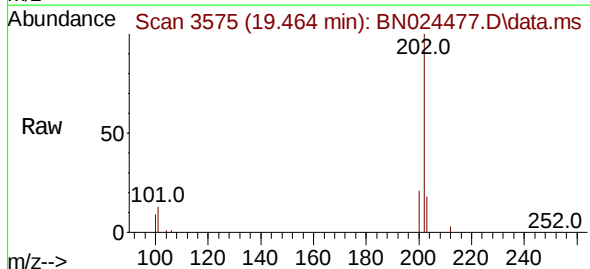


Abundance Scan 3574 (19.459 min): BN024474.D\data.ms (-3554) (-)

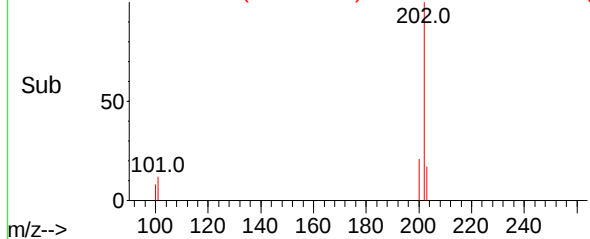


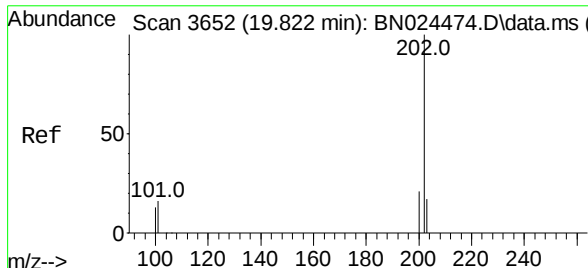
Fluoranthene
Concen: 0.587 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Tgt Ion:	202	Resp:	96969
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.4	15.6
100	9.0	7.7	11.5



Abundance Scan 3575 (19.464 min): BN024477.D\data.ms (-3554) (-)

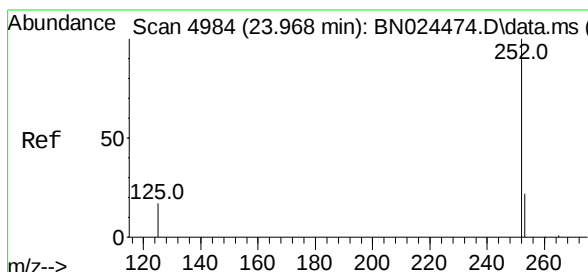
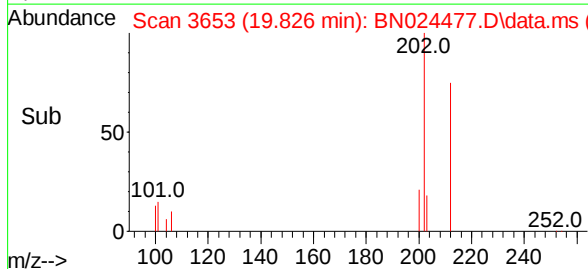
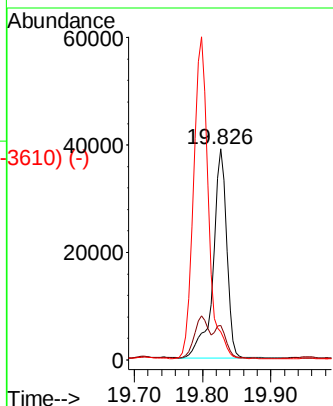
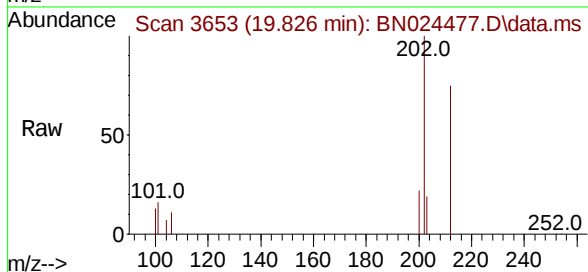




Scan 3652 (19.822 min): BN024474.D\data.ms (-3629) (-)
 Pyrene
 Concen: 0.320 ng/ul
 RT: 19.826 min Scan# 4926
 Delta R.T. -0.000 min
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Tgt Ion:	202	Resp:	53650
Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.1	18.1
100	13.4	9.4	14.0



Scan 4984 (23.968 min): BN024474.D\data.ms (-4926) (-)
 Benzo(a)pyrene
 Concen: 0.109 ng/ul
 RT: 23.933 min Scan# 4972
 Delta R.T. -0.035 min
 Lab File: BN024477.D
 Acq: 22 Mar 2023 11:29

Tgt Ion:	252	Resp:	14955
Ion	Ratio	Lower	Upper
252	100		
253	40.1	19.2	28.8#
125	37.7	15.8	23.6#

