

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024479.D
 Acq On : 22 Mar 2023 12:42
 Operator : CG/JU
 Sample : 01810-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAF9DL

Quant Time: Mar 22 14:06:50 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)

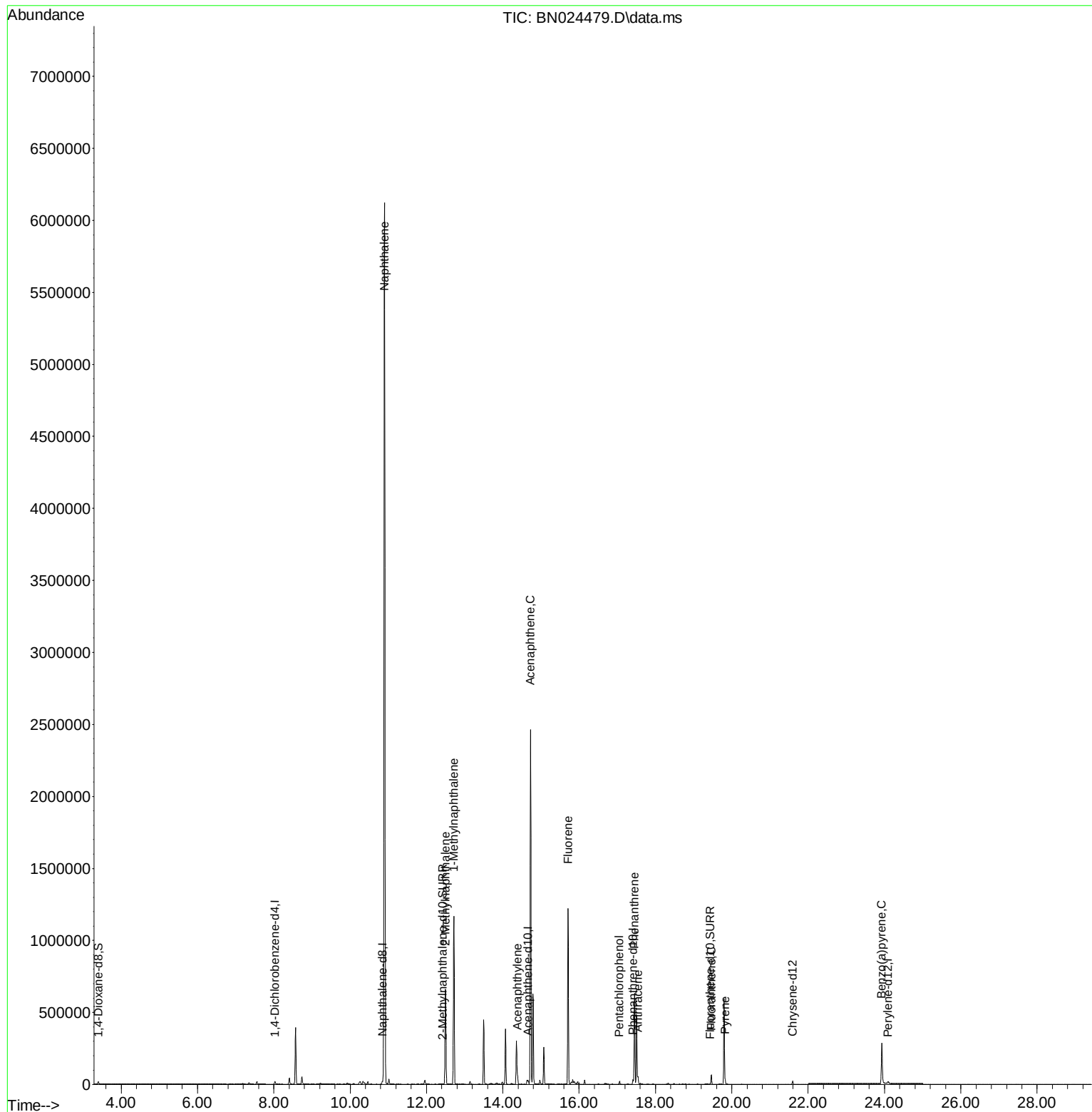
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	10001	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29849	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	16886	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	34647	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	23536	0.400	ng/ul	0.00
23) Perylene-d12	24.091	264	17477	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	10508	0.955	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	2533	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	6502	0.104	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	8943020	120.032	ng/ul	99
7) 2-Methylnaphthalene	12.500	142	465825	10.306	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	789362	16.617	ng/ul	99
10) Acenaphthylene	14.384	152	64948	0.922	ng/ul	97
11) Acenaphthene	14.726	153	1423997	26.235	ng/ul	97
12) Fluorene	15.711	166	774402	12.776	ng/ul	100
14) Pentachlorophenol	17.054	266	13293	1.381	ng/ul#	73
15) Phenanthrene	17.451	178	656326	6.614	ng/ul	99
16) Anthracene	17.540	178	51097	0.587	ng/ul	100
19) Fluoranthene	19.464	202	56301	0.601	ng/ul	98
20) Pyrene	19.822	202	24967	0.263	ng/ul	96
26) Benzo(a)pyrene	23.930	252	1699	0.030	ng/ul#	1

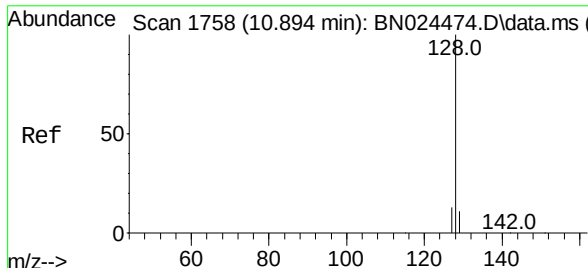
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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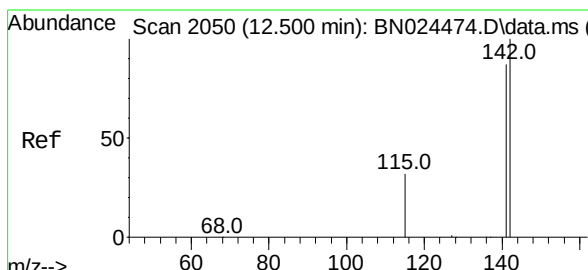
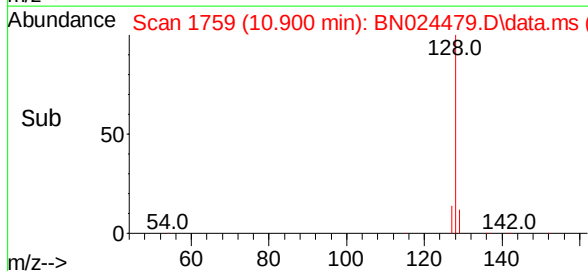
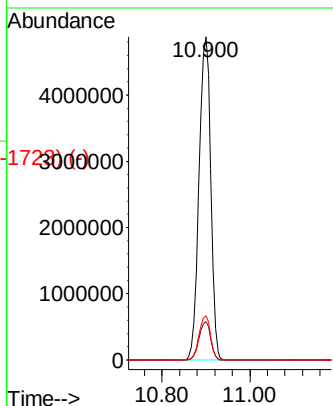
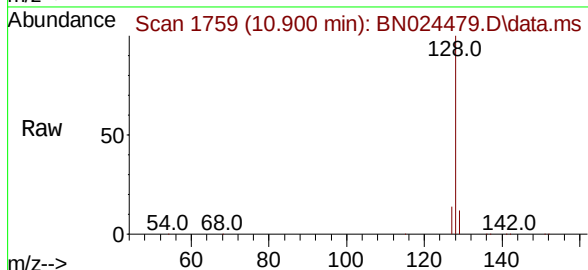


Scan 1758 (10.894 min): BN024474.D\data.ms (-1758) (-)
 Naphthalene
 Concen: 120.032 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BN024479.D
 Acq: 22 Mar 2023 12:42

Instrument :
 BNA_N
 ClientSampleId :
 DCAF9DL

Tgt Ion:128 Resp: 8943020

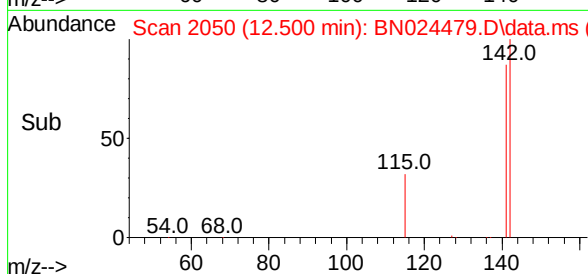
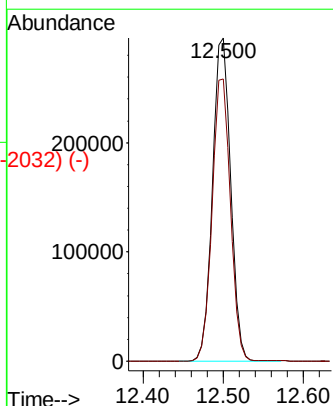
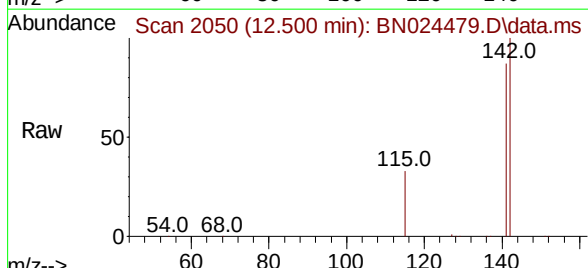
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	13.6	10.5	15.7



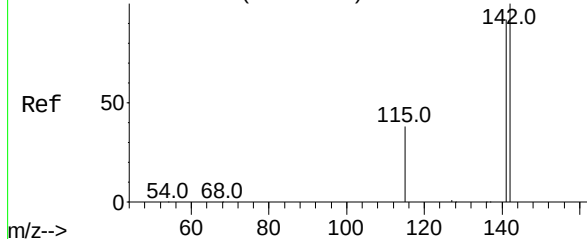
Scan 2050 (12.500 min): BN024474.D\data.ms (-2050) (-)
 2-Methylnaphthalene
 Concen: 10.306 ng/ul
 RT: 12.500 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: BN024479.D
 Acq: 22 Mar 2023 12:42

Tgt Ion:142 Resp: 465825

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5



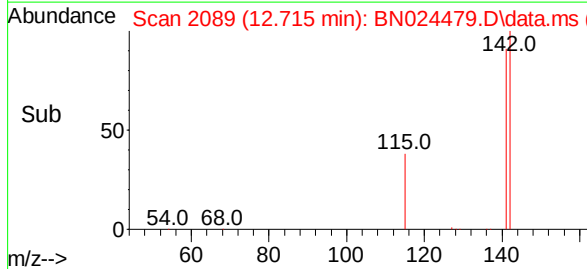
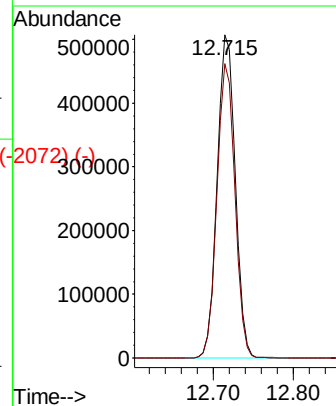
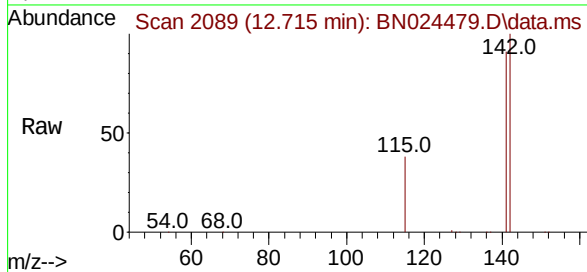
Abundance Scan 2089 (12.715 min): BN024474.D\data.ms (-2072) (-)



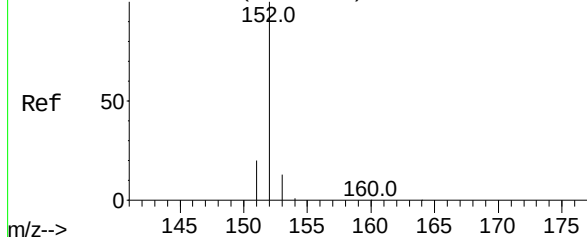
1-Methylnaphthalene
Concen: 16.617 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Instrument :
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ClientSampleId :
DCAF9DL

Tgt Ion:142 Resp: 789362
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.6

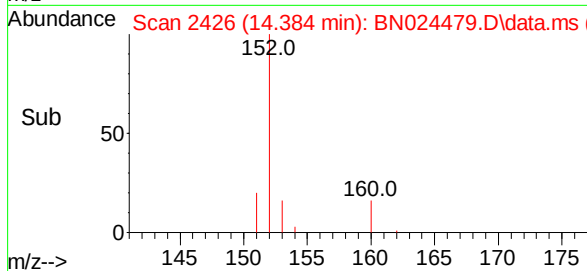
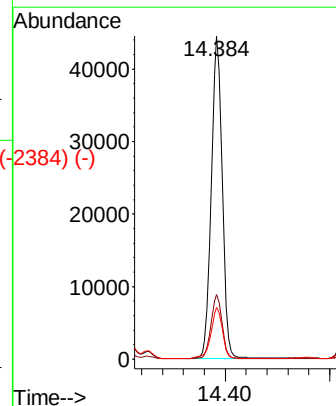
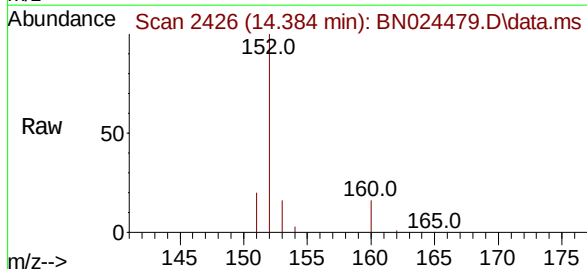


Abundance Scan 2426 (14.384 min): BN024474.D\data.ms (-2384) (-)



Acenaphthylene
Concen: 0.922 ng/ul
RT: 14.384 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Tgt Ion:152 Resp: 64948
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 16.0 10.6 16.0



Abundance Scan 2500 (14.726 min): BN024474.D\data.ms (-245800) (-)

Acenaphthene

Concen: 26.235 ng/ul

RT: 14.726 min Scan# 2713

Delta R.T. -0.005 min

Lab File: BN024479.D

Acq: 22 Mar 2023 12:42

Instrument :

BNA_N

ClientSampleId :

DCAF9DL

Tgt Ion:153 Resp: 1423997

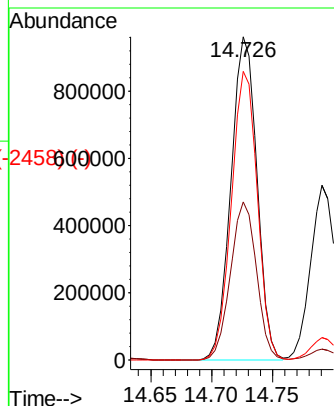
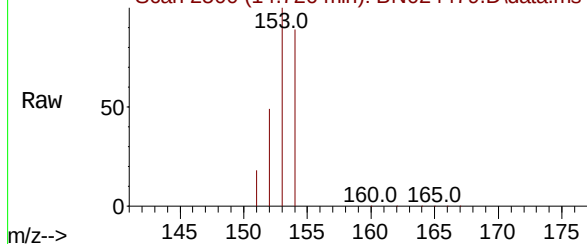
Ion Ratio Lower Upper

153 100

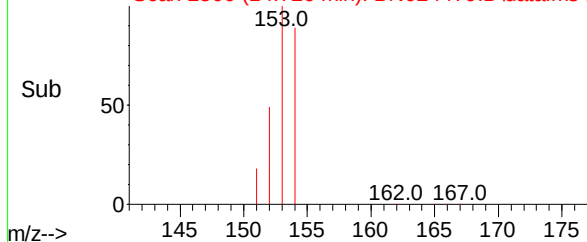
152 48.8 42.6 64.0

154 89.2 70.6 105.8

Abundance Scan 2500 (14.726 min): BN024479.D\data.ms



Abundance Scan 2500 (14.726 min): BN024479.D\data.ms (-245800) (-)



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

Fluorene

Concen: 12.776 ng/ul

RT: 15.711 min Scan# 2713

Delta R.T. 0.000 min

Lab File: BN024479.D

Acq: 22 Mar 2023 12:42

Tgt Ion:166 Resp: 774402

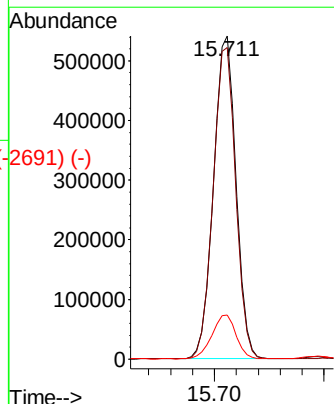
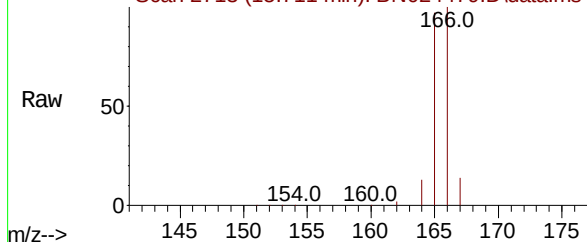
Ion Ratio Lower Upper

166 100

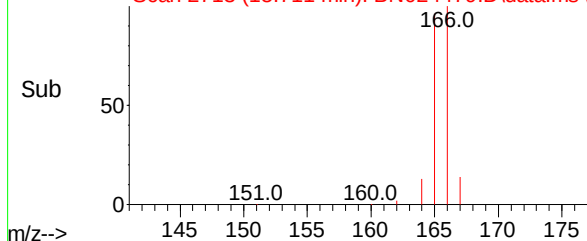
165 96.5 77.4 116.0

167 13.6 10.9 16.3

Abundance Scan 2713 (15.711 min): BN024479.D\data.ms



Abundance Scan 2713 (15.711 min): BN024479.D\data.ms (-2691) (-)



Abundance Scan 3026 (17.059 min): BN024474.D\data.ms (-3016) (-)

Pentachlorophenol

Concen: 1.381 ng/ul

RT: 17.054 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BN024479.D

Acq: 22 Mar 2023 12:42

Instrument :

BNA_N

ClientSampleId :

DCAF9DL

Tgt Ion:266 Resp: 13293

Ion Ratio Lower Upper

266 100

264 62.7 0.0 0.0#

268 64.3 0.1 0.1#

Abundance Scan 3025 (17.054 min): BN024479.D\data.ms

Ref 50

266.0

94.0 179.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3025 (17.054 min): BN024479.D\data.ms (-3002) (-)

Raw 50

266.0

94.0 179.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3025 (17.054 min): BN024479.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

17.054

8000

6000

4000

2000

0

Time-->

17.00 17.10

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

Phenanthrene

Concen: 6.614 ng/ul

RT: 17.451 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN024479.D

Acq: 22 Mar 2023 12:42

Tgt Ion:178 Resp: 656326

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.3 15.7 23.5

Abundance Scan 3119 (17.451 min): BN024479.D\data.ms

Ref 50

178.0

94.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3119 (17.451 min): BN024479.D\data.ms (-3072) (-)

Raw 50

178.0

94.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3119 (17.451 min): BN024479.D\data.ms (-3072) (-)

Sub 50

178.0

94.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

17.451

400000

300000

200000

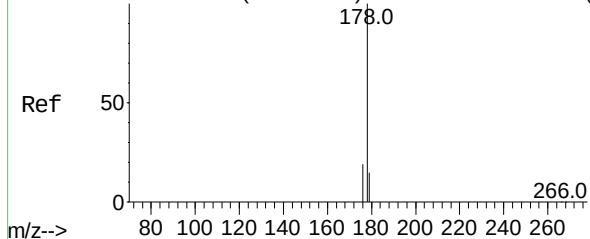
100000

0

Time-->

17.40 17.50

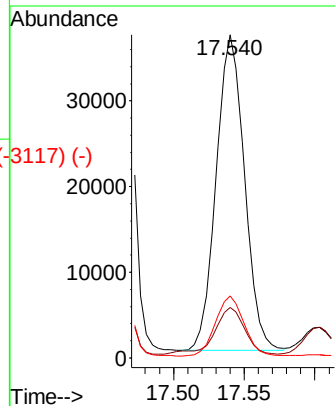
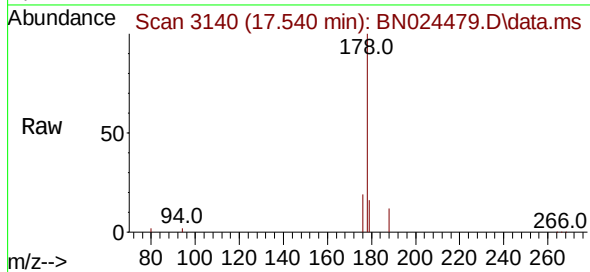
Abundance Scan 3140 (17.540 min): BN024474.D\data.ms (-3117) (-)



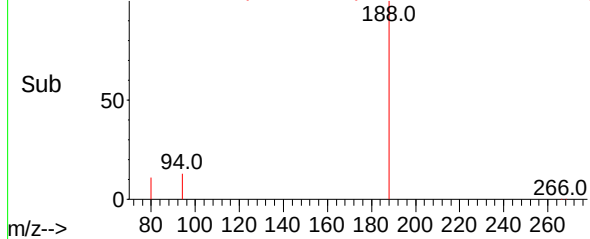
Anthracene
Concen: 0.587 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

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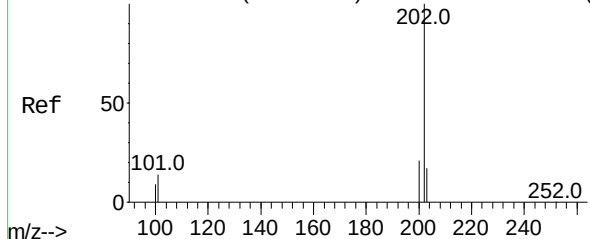
Tgt Ion:	178	Resp:	51097
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.3	22.9



Abundance Scan 3140 (17.540 min): BN024479.D\data.ms (-3117) (-)

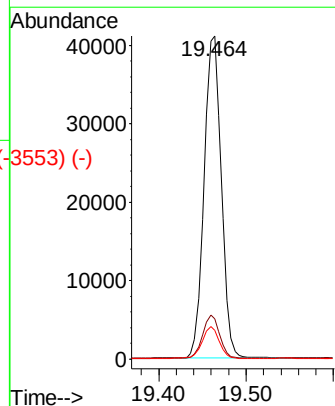
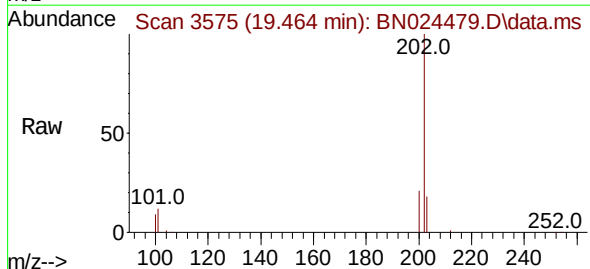


Abundance Scan 3574 (19.459 min): BN024474.D\data.ms (-3553) (-)

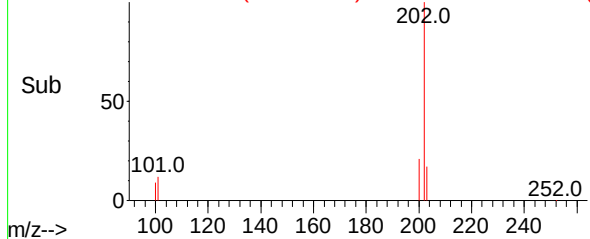


Fluoranthene
Concen: 0.601 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

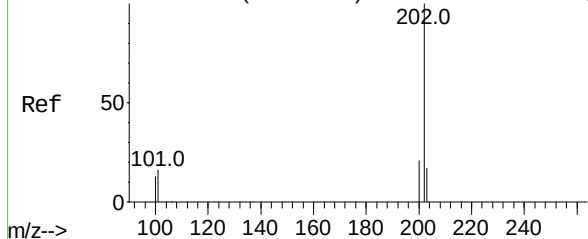
Tgt Ion:	202	Resp:	56301
Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.4	15.6
100	8.8	7.7	11.5



Abundance Scan 3575 (19.464 min): BN024479.D\data.ms (-3553) (-)



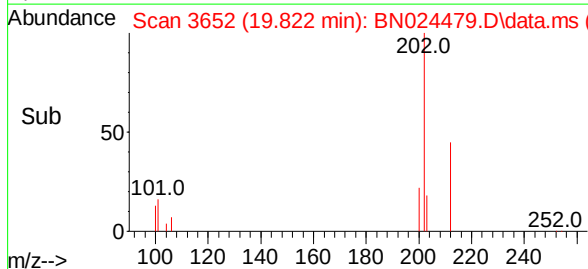
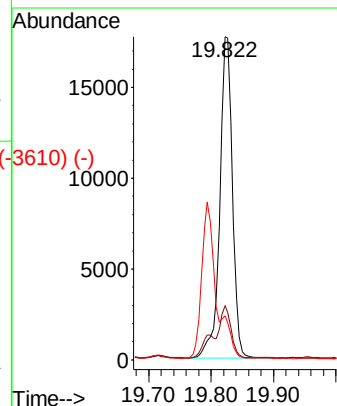
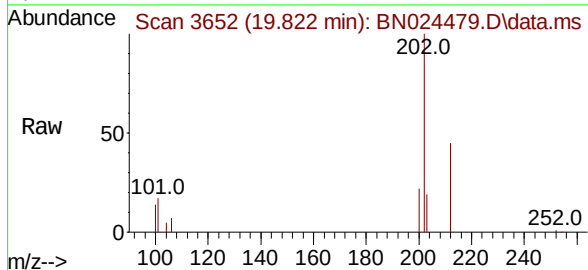
Abundance Scan 3652 (19.822 min): BN024474.D\data.ms (-3629) (-)



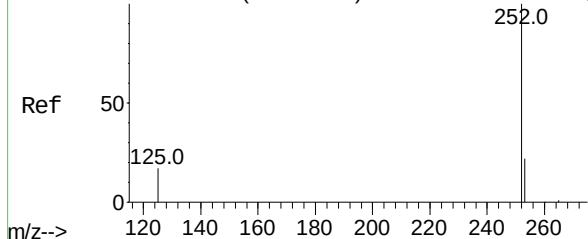
Pyrene
Concen: 0.263 ng/ul
RT: 19.822 min Scan# 4929
Delta R.T. -0.005 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Instrument :
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Tgt Ion:	202	Resp:	24967
Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.1	18.1
100	13.6	9.4	14.0



Abundance Scan 4984 (23.968 min): BN024474.D\data.ms (-4929) (-)



Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.930 min Scan# 4971
Delta R.T. -0.038 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Tgt Ion:	252	Resp:	1699
Ion	Ratio	Lower	Upper
252	100		
253	83.9	19.2	28.8#
125	91.7	15.8	23.6#

