

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024480.D
 Acq On : 22 Mar 2023 13:19
 Operator : CG/JU
 Sample : PB151298BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS298

Quant Time: Mar 22 14:06:56 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)

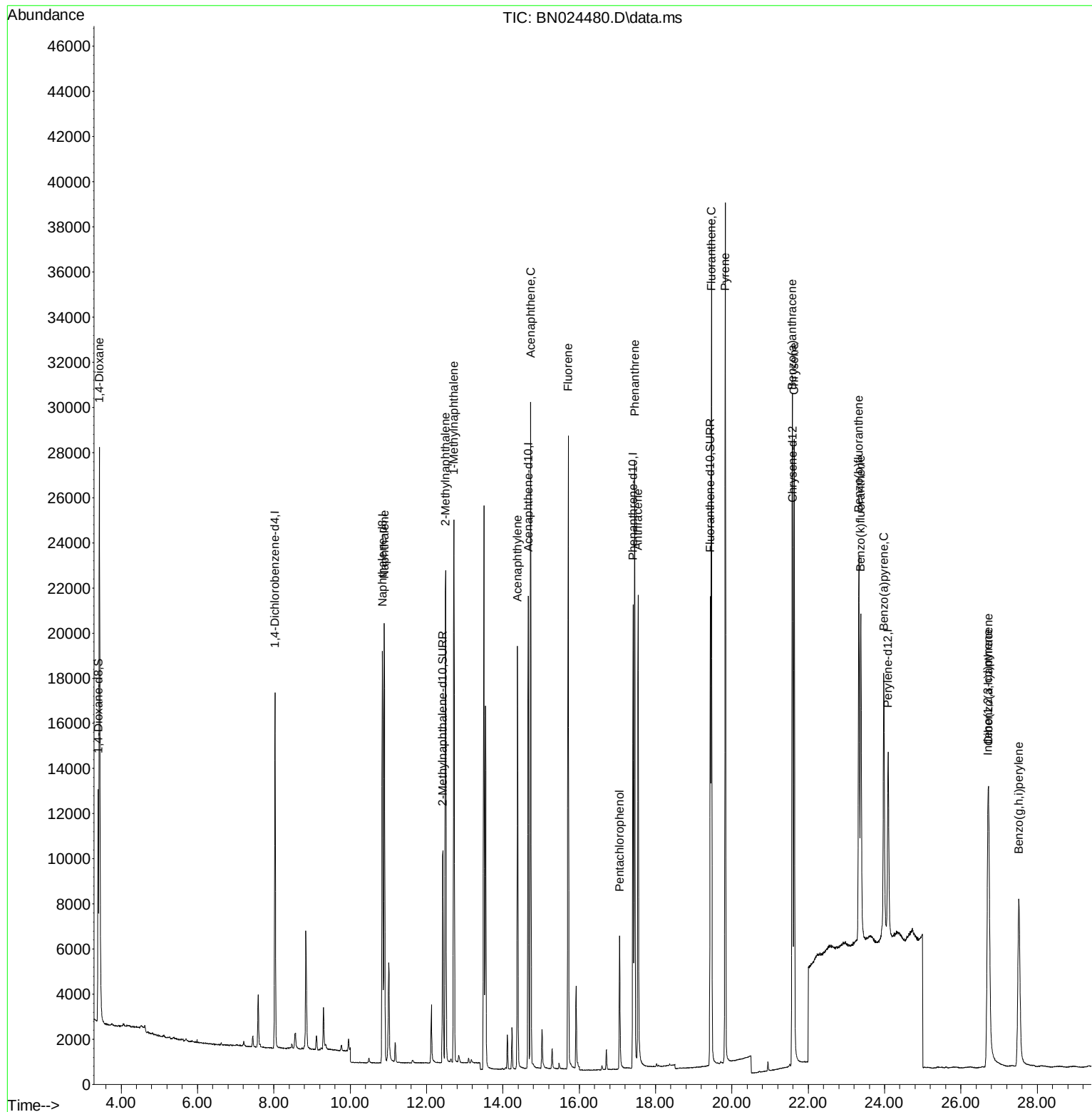
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	8249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	23688	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	11594	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	23850	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	16044	0.400	ng/ul	0.00
23) Perylene-d12	24.094	264	12814	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	6587	0.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	12130	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	21847	0.512	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.431	88	17621	1.784	ng/ul	90
5) Naphthalene	10.894	128	26194	0.443	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	15689	0.437	ng/ul	100
8) 1-Methylnaphthalene	12.714	142	16390	0.435	ng/ul	100
10) Acenaphthylene	14.384	152	21471	0.444	ng/ul	100
11) Acenaphthene	14.726	153	16504	0.443	ng/ul	99
12) Fluorene	15.711	166	18121	0.435	ng/ul	99
14) Pentachlorophenol	17.059	266	4167	0.629	ng/ul#	73
15) Phenanthrene	17.451	178	29137	0.427	ng/ul	99
16) Anthracene	17.544	178	24964	0.416	ng/ul	99
19) Fluoranthene	19.464	202	31538	0.494	ng/ul	99
20) Pyrene	19.826	202	31875	0.492	ng/ul	100
21) Benzo(a)anthracene	21.577	228	24203	0.462	ng/ul	100
22) Chrysene	21.632	228	26062	0.471	ng/ul	100
24) Benzo(b)fluoranthene	23.325	252	23935	0.489	ng/ul	92
25) Benzo(k)fluoranthene	23.377	252	23248	0.458	ng/ul#	92
26) Benzo(a)pyrene	23.980	252	19069	0.453	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.707	276	21640	0.456	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.724	278	16386	0.455	ng/ul	95
29) Benzo(g,h,i)perylene	27.518	276	19856	0.483	ng/ul	98

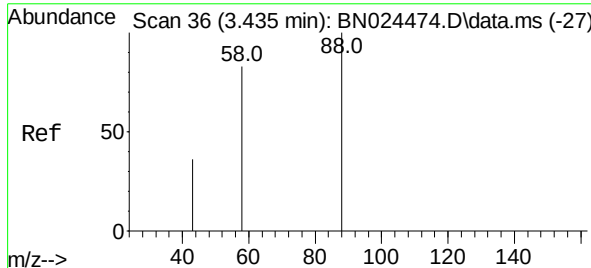
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dioxane

Concen: 1.784 ng/ul

RT: 3.431 min Scan#

Delta R.T. -0.004 min

Lab File: BN024480.D

Acq: 22 Mar 2023 13:19

Instrument :

BNA_N

ClientSampleId :

SLCS298

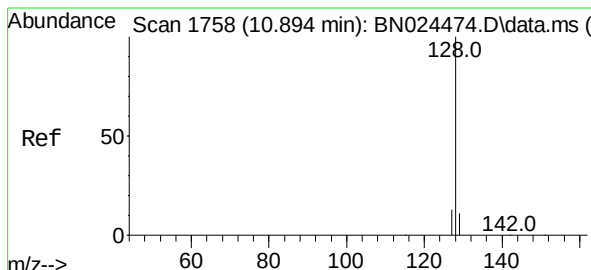
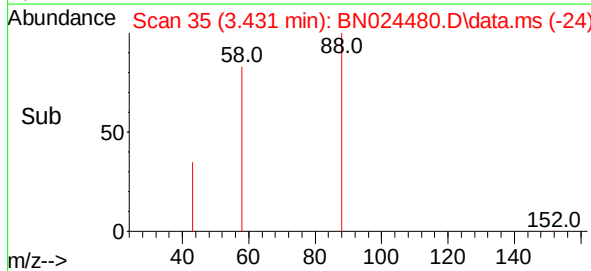
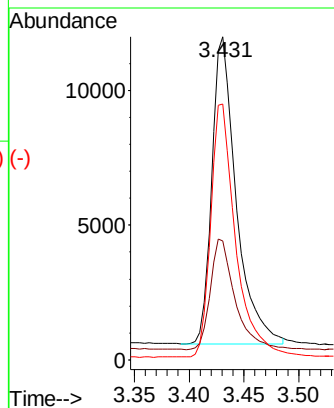
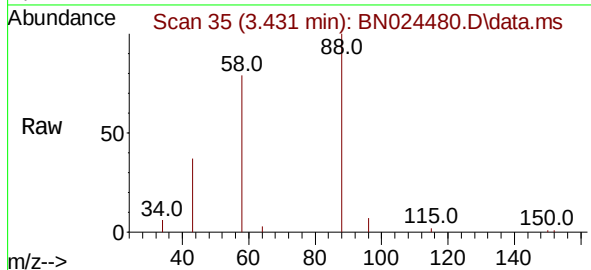
Tgt Ion: 88 Resp: 17621

Ion Ratio Lower Upper

88 100

43 36.9 32.1 48.1

58 79.3 55.1 82.7



Naphthalene

Concen: 0.443 ng/ul

RT: 10.894 min Scan# 1758

Delta R.T. -0.005 min

Lab File: BN024480.D

Acq: 22 Mar 2023 13:19

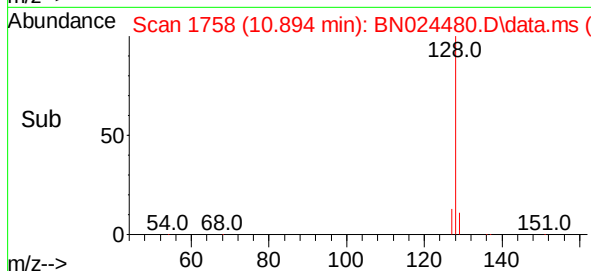
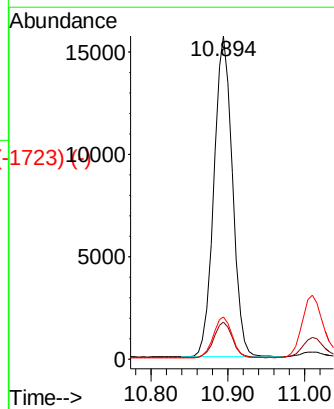
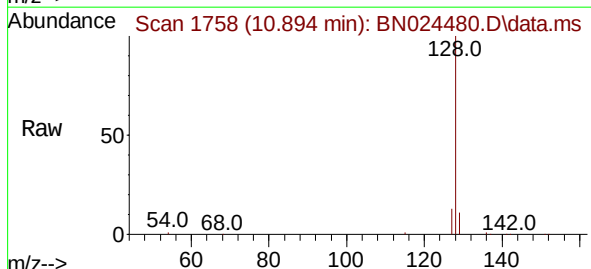
Tgt Ion:128 Resp: 26194

Ion Ratio Lower Upper

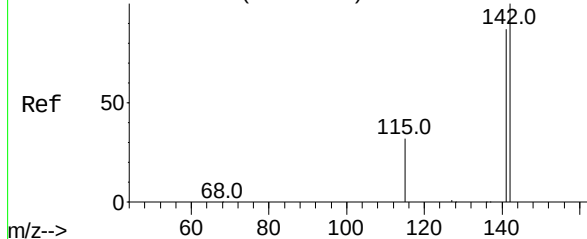
128 100

129 11.4 9.0 13.6

127 13.1 10.5 15.7



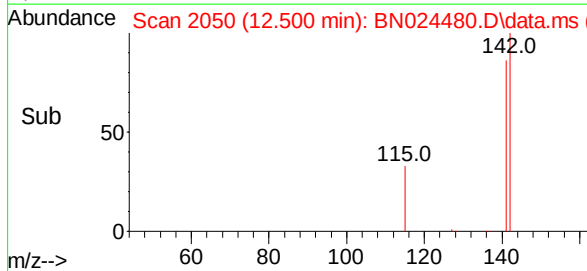
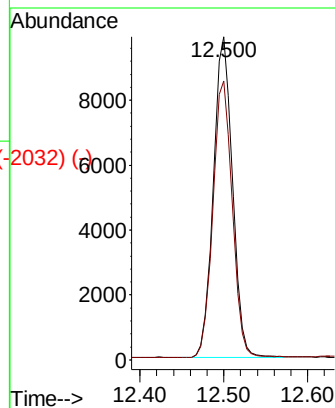
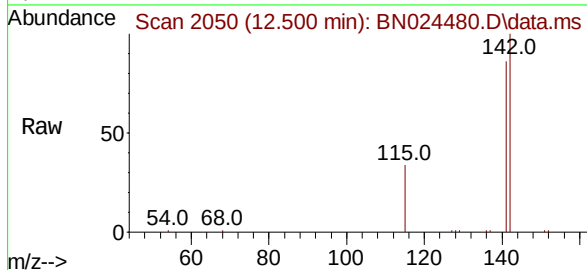
Abundance Scan 2050 (12.500 min): BN024474.D\data.ms (-2071) (-)



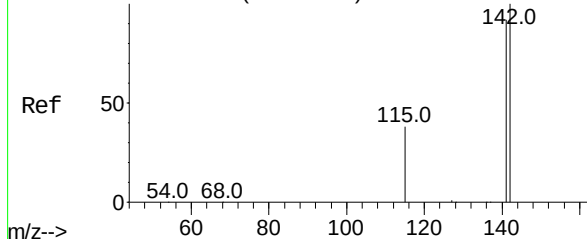
2-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Instrument :
BNA_N
ClientSampleId :
SLCS298

Tgt Ion:142 Resp: 15689
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5

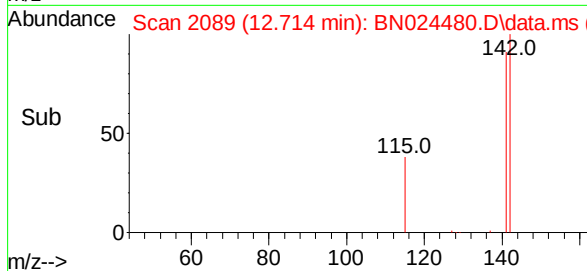
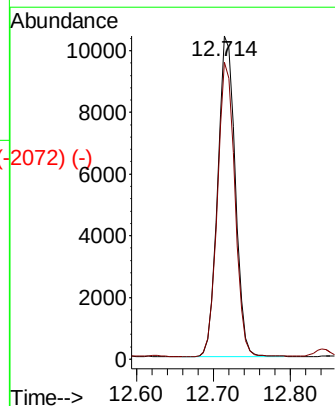
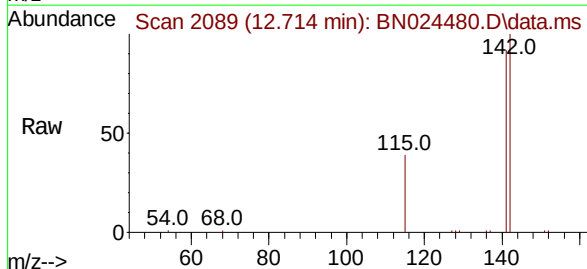


Abundance Scan 2089 (12.715 min): BN024474.D\data.ms (-2072) (-)



1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Tgt Ion:142 Resp: 16390
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.6



Abundance Scan 2426 (14.384 min): BN024474.D\data.ms (-2419) (-)

Acenaphthylene

Concen: 0.444 ng/ul

RT: 14.384 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BN024480.D

Acq: 22 Mar 2023 13:19

Instrument :

BNA_N

ClientSampleId :

SLCS298

Tgt Ion:152 Resp: 21471

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.3 10.6 16.0

Abundance Scan 2426 (14.384 min): BN024480.D\data.ms

Ref 50

152.0

160.0 165.0

m/z-->

Raw 50

152.0

160.0 165.0

m/z-->

Abundance Scan 2426 (14.384 min): BN024480.D\data.ms (-2384) (-)

Sub 50

152.0

160.0 166.0

m/z-->

Abundance

14.384

10000

5000

0

Time-->

14.40 14.60

Abundance Scan 2500 (14.726 min): BN024474.D\data.ms (-2410) (-)

Acenaphthene

Concen: 0.443 ng/ul

RT: 14.726 min Scan# 2500

Delta R.T. -0.005 min

Lab File: BN024480.D

Acq: 22 Mar 2023 13:19

Tgt Ion:153 Resp: 16504

Ion Ratio Lower Upper

153 100

152 52.0 42.6 64.0

154 87.5 70.6 105.8

Abundance Scan 2500 (14.726 min): BN024480.D\data.ms

Ref 50

153.0

160.0 165.0

m/z-->

Raw 50

153.0

160.0 165.0

m/z-->

Abundance Scan 2500 (14.726 min): BN024480.D\data.ms (-2458) (-)

Sub 50

153.0

160.0 165.0

m/z-->

Abundance

14.726

10000

8000

6000

4000

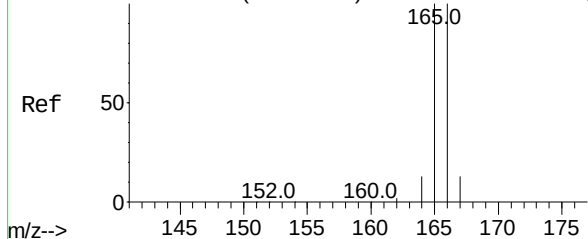
2000

0

Time-->

14.70 14.80

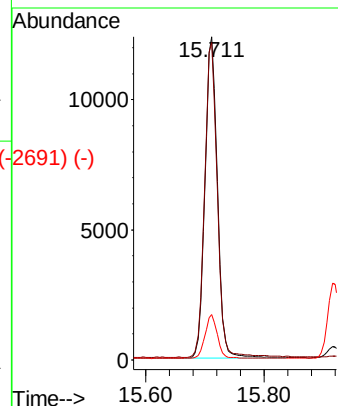
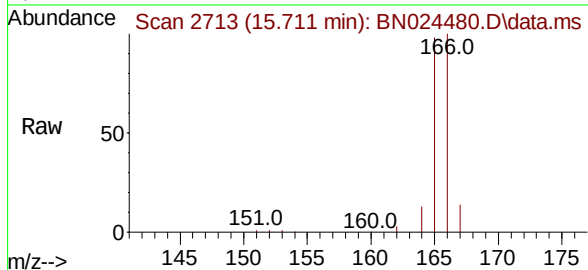
Abundance Scan 2712 (15.707 min): BN024474.D\data.ms (-2712) (-)



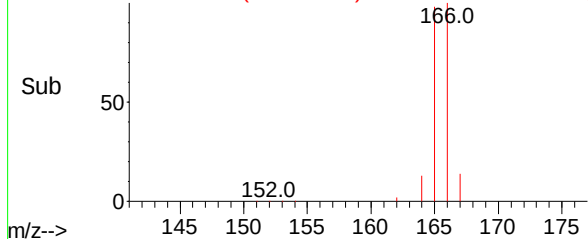
Fluorene
Concen: 0.435 ng/ul
RT: 15.711 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Instrument :
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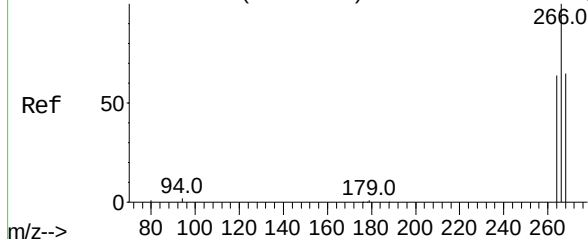
Tgt Ion:	166	Resp:	18121
Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.4	116.0
167	13.9	10.9	16.3



Abundance Scan 2713 (15.711 min): BN024480.D\data.ms (-2691) (-)

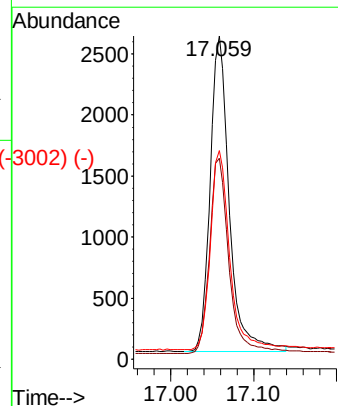
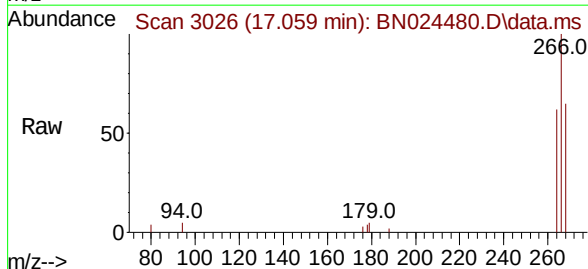


Abundance Scan 3026 (17.059 min): BN024474.D\data.ms (-3026) (-)

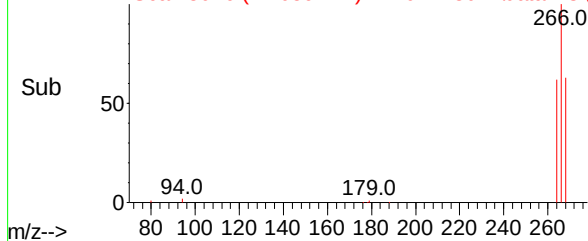


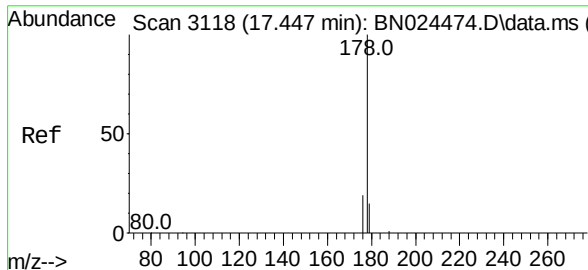
Pentachlorophenol
Concen: 0.629 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Tgt Ion:	266	Resp:	4167
Ion	Ratio	Lower	Upper
266	100		
264	62.6	0.0	0.0#
268	63.8	0.1	0.1#



Abundance Scan 3026 (17.059 min): BN024480.D\data.ms (-3002) (-)

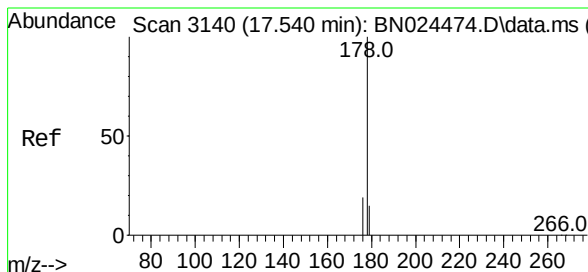
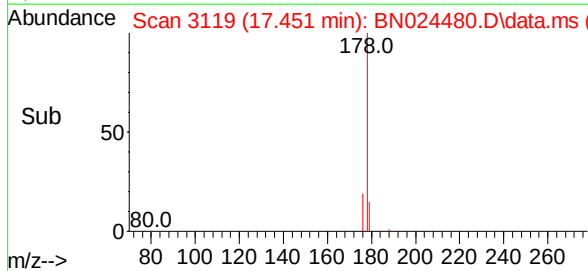
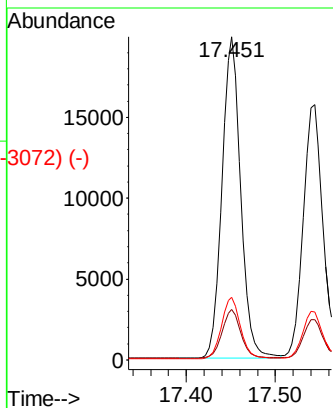
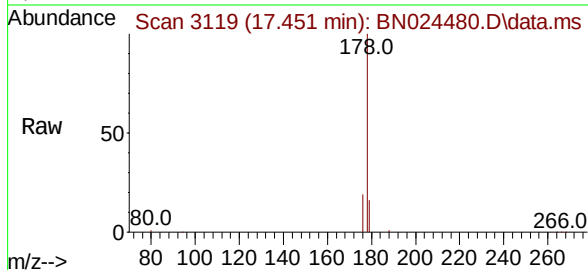




Phenanthrene
Concen: 0.427 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

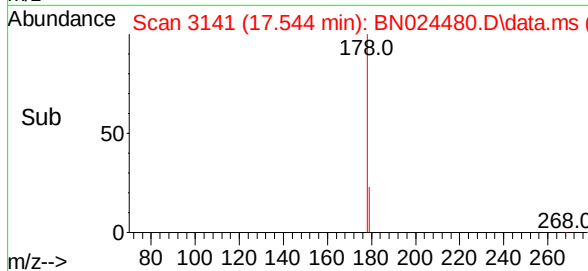
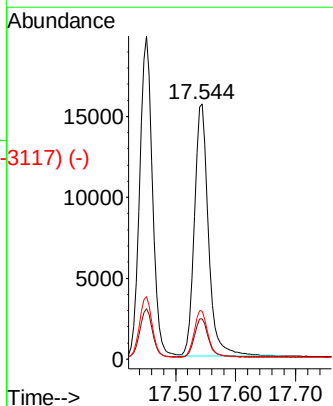
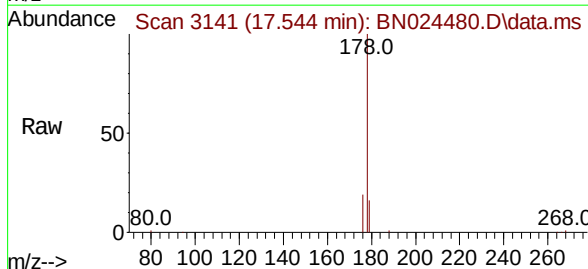
Instrument :
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Tgt Ion:	178	Resp:	29137
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.2
176	19.5	15.7	23.5

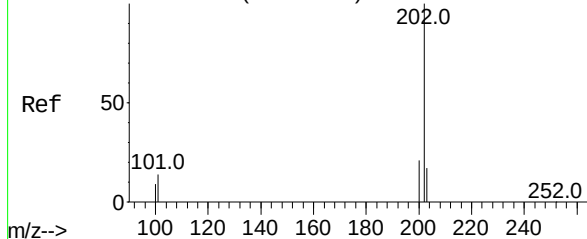


Anthracene
Concen: 0.416 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Tgt Ion:	178	Resp:	24964
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	18.7	15.3	22.9



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



Fluoranthene

Concen: 0.494 ng/ul

RT: 19.464 min Scan# 3574

Delta R.T. -0.000 min

Lab File: BN024480.D

Acq: 22 Mar 2023 13:19

Instrument :

BNA_N

ClientSampleId :

SLCS298

Tgt Ion:202 Resp: 31538

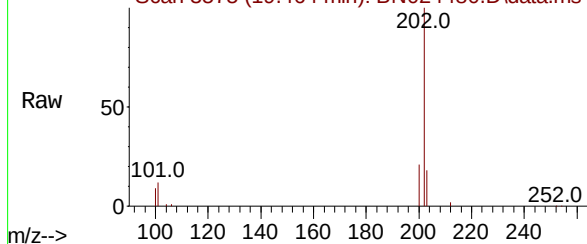
Ion Ratio Lower Upper

202 100

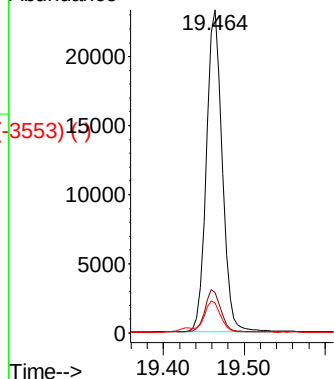
101 12.5 10.4 15.6

100 9.2 7.7 11.5

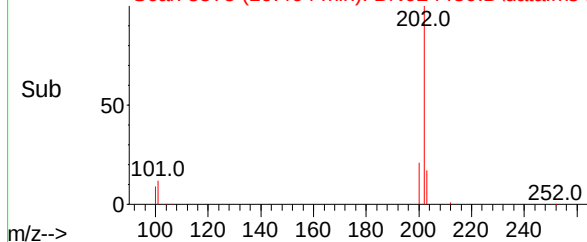
Abundance Scan 3575 (19.464 min): BN024480.D\data.ms



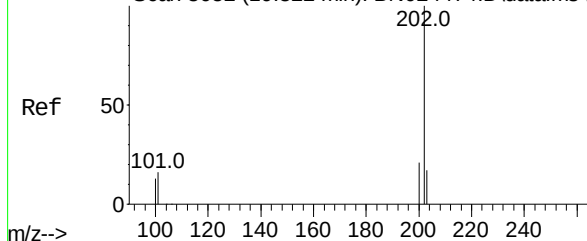
Abundance



Abundance Scan 3575 (19.464 min): BN024480.D\data.ms (-3553) (-)



Abundance Scan 3652 (19.822 min): BN024474.D\data.ms (-3620) (-)



Pyrene

Concen: 0.492 ng/ul

RT: 19.826 min Scan# 3653

Delta R.T. -0.000 min

Lab File: BN024480.D

Acq: 22 Mar 2023 13:19

Tgt Ion:202 Resp: 31875

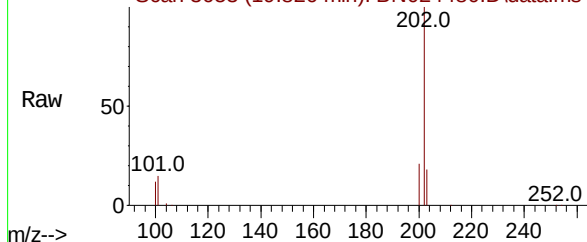
Ion Ratio Lower Upper

202 100

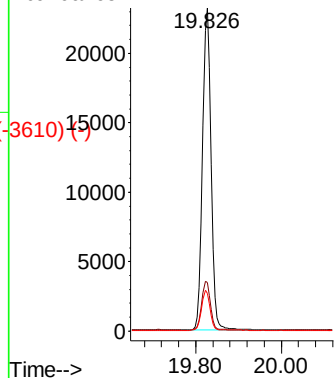
101 15.0 12.1 18.1

100 11.7 9.4 14.0

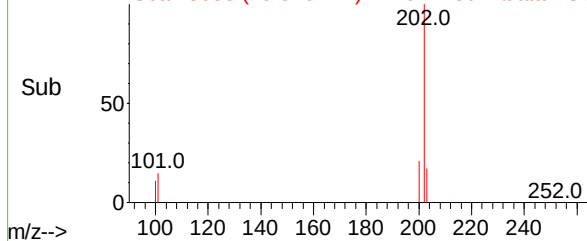
Abundance Scan 3653 (19.826 min): BN024480.D\data.ms



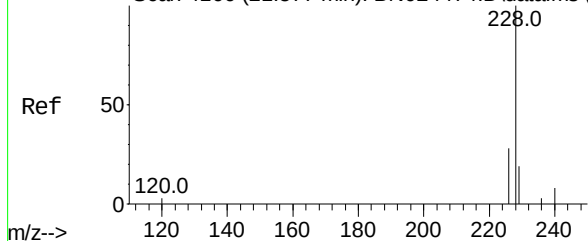
Abundance



Abundance Scan 3653 (19.826 min): BN024480.D\data.ms (-3610) (-)



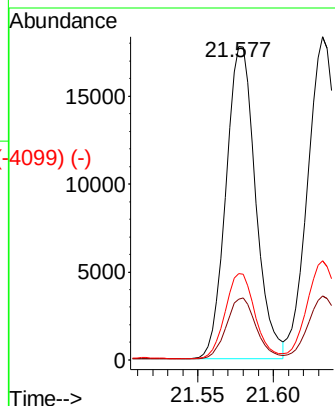
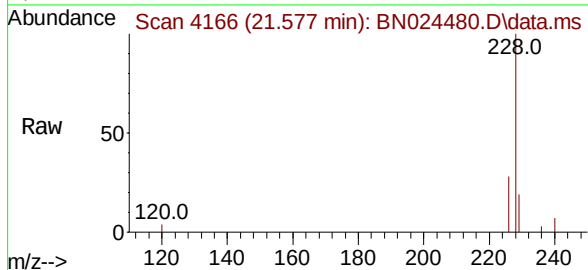
Abundance Scan 4166 (21.577 min): BN024474.D\data.ms (-4122) (-)



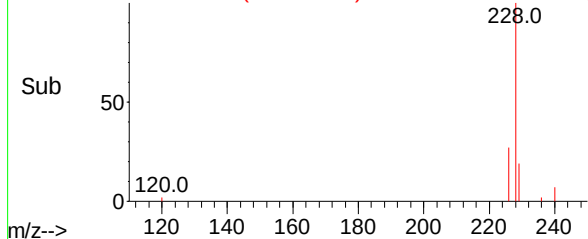
Benzo(a)anthracene
Concen: 0.462 ng/ul
RT: 21.577 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Instrument :
BNA_N
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SLCS298

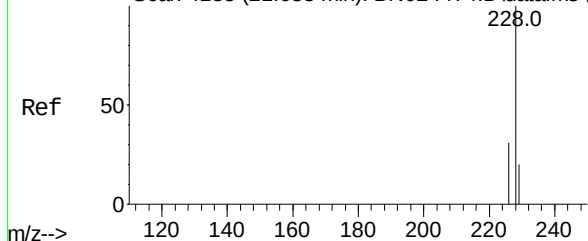
Tgt Ion:	228	Resp:	24203
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.6
226	27.6	22.2	33.4



Abundance Scan 4166 (21.577 min): BN024480.D\data.ms (-4099) (-)

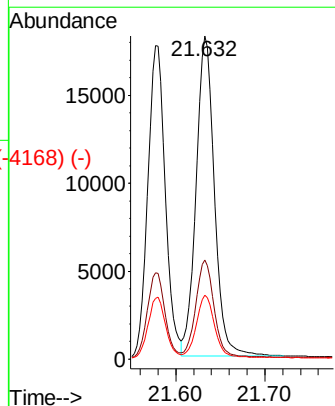
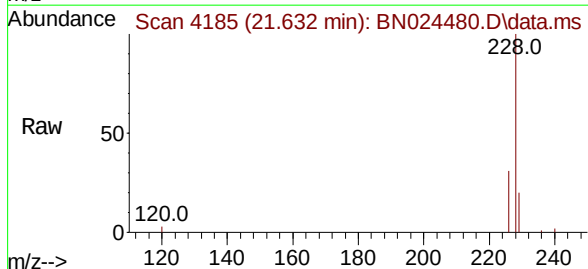


Abundance Scan 4185 (21.632 min): BN024474.D\data.ms (-4122) (-)

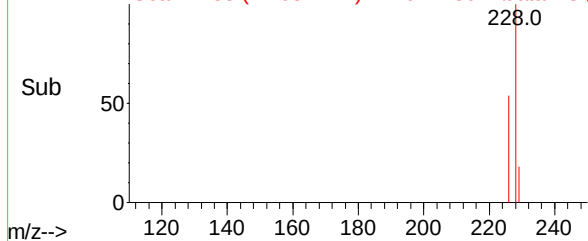


Chrysene
Concen: 0.471 ng/ul
RT: 21.632 min Scan# 4185
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

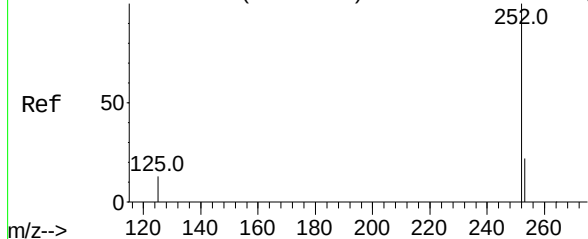
Tgt Ion:	228	Resp:	26062
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.7	15.8	23.6



Abundance Scan 4185 (21.632 min): BN024480.D\data.ms (-4168) (-)



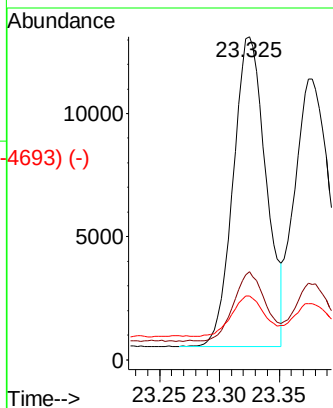
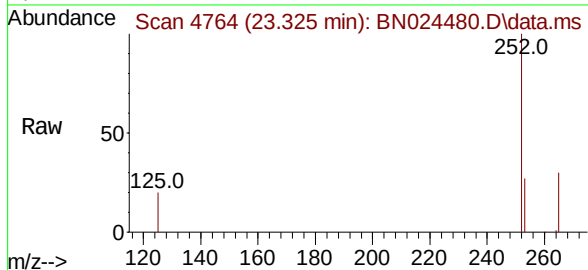
Abundance Scan 4762 (23.319 min): BN024474.D\data.ms (-4724) (-)



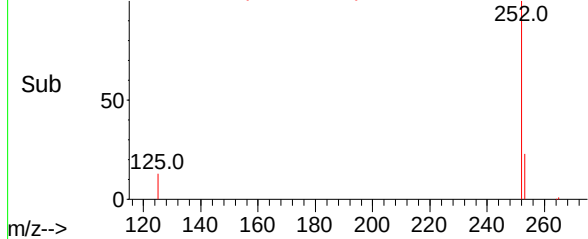
Benzo(b)fluoranthene
Concen: 0.489 ng/ul
RT: 23.325 min Scan# 4724
Delta R.T. 0.009 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Instrument :
BNA_N
ClientSampleId :
SLCS298

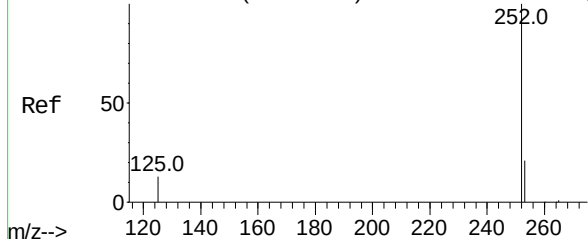
Tgt Ion:	252	Resp:	23935
Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	46.2
125	19.8	0.0	34.0



Abundance Scan 4764 (23.325 min): BN024480.D\data.ms (-4693) (-)

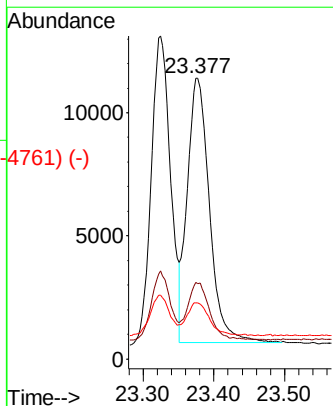
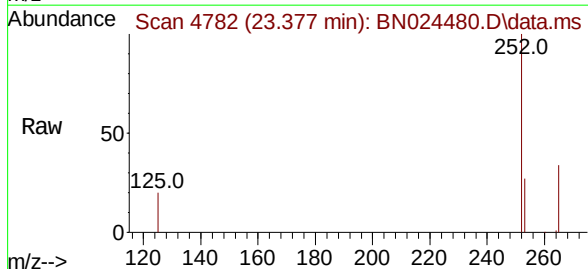


Abundance Scan 4779 (23.369 min): BN024474.D\data.ms (-4725) (-)

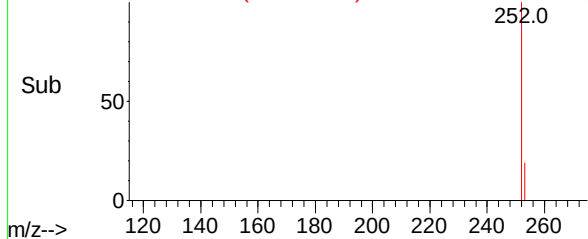


Benzo(k)fluoranthene
Concen: 0.458 ng/ul
RT: 23.377 min Scan# 4782
Delta R.T. 0.012 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Tgt Ion:	252	Resp:	23248
Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.5	27.7
125	20.1	13.2	19.8#



Abundance Scan 4782 (23.377 min): BN024480.D\data.ms (-4761) (-)



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

Benzo(a)pyrene

Concen: 0.453 ng/ul

RT: 23.980 min Scan# 4925

Delta R.T. 0.012 min

Lab File: BN024480.D

Acq: 22 Mar 2023 13:19

Instrument :

BNA_N

ClientSampleId :

SLCS298

Tgt Ion:252 Resp: 19069

Ion Ratio Lower Upper

252 100

253 29.7 19.2 28.8#

125 24.1 15.8 23.6#

Abundance Scan 4988 (23.980 min): BN024480.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 4988 (23.980 min): BN024480.D\data.ms (-4950) (-)

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

8000

6000

4000

2000

0

Time-->

23.980

24.00

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

Indeno(1,2,3-cd)pyrene

Concen: 0.456 ng/ul

RT: 26.707 min Scan# 5846

Delta R.T. 0.034 min

Lab File: BN024480.D

Acq: 22 Mar 2023 13:19

Tgt Ion:276 Resp: 21640

Ion Ratio Lower Upper

276 100

138 31.9 0.0 0.0#

227 0.1 0.0 0.0#

Abundance Scan 5846 (26.707 min): BN024480.D\data.ms

Ref 50

138.0

227.0

276.0

Raw 50

138.0

227.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 5846 (26.707 min): BN024480.D\data.ms (-5776) (-)

Sub 50

138.0

227.0

276.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

5000

4000

3000

2000

1000

0

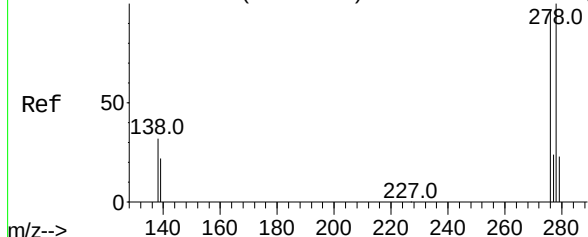
Time-->

26.60

26.70

26.80

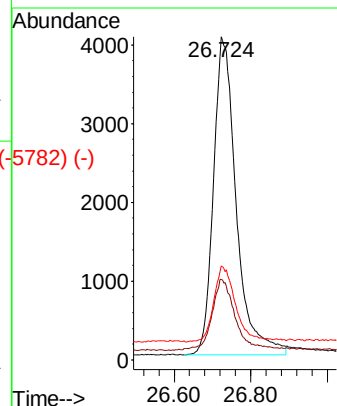
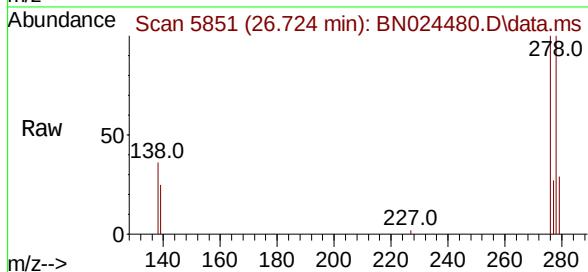
Abundance Scan 5841 (26.690 min): BN024474.D\data.ms (-5824) (-)



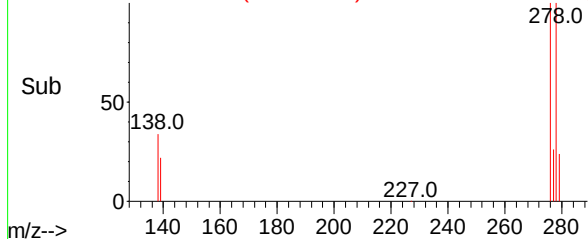
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 26.724 min Scan# 6024
Delta R.T. 0.031 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Instrument :
BNA_N
ClientSampleId :
SLCS298

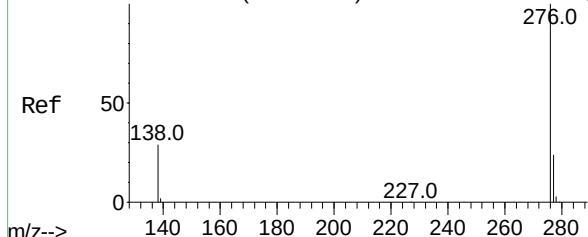
Tgt Ion:	278	Resp:	16386
Ion	Ratio	Lower	Upper
278	100		
139	24.9	21.0	31.6
279	29.2	20.4	30.6



Abundance Scan 5851 (26.724 min): BN024480.D\data.ms (-5782) (-)

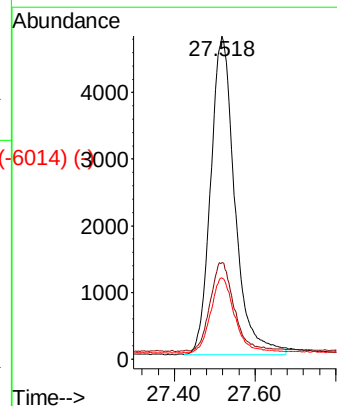
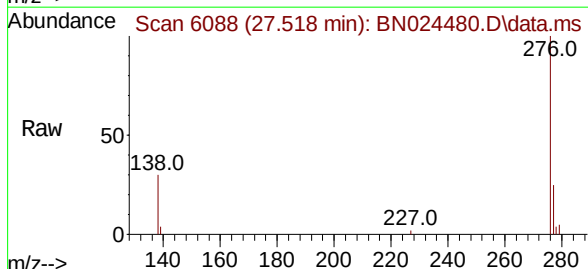


Abundance Scan 6074 (27.471 min): BN024474.D\data.ms (-6029) (-)



Benzo(g,h,i)perylene
Concen: 0.483 ng/ul
RT: 27.518 min Scan# 6088
Delta R.T. 0.047 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Tgt Ion:	276	Resp:	19856
Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.2	37.8
277	25.0	19.4	29.2



Abundance Scan 6088 (27.518 min): BN024480.D\data.ms (-6014) (-)

