

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024481.D
 Acq On : 22 Mar 2023 14:04
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4399

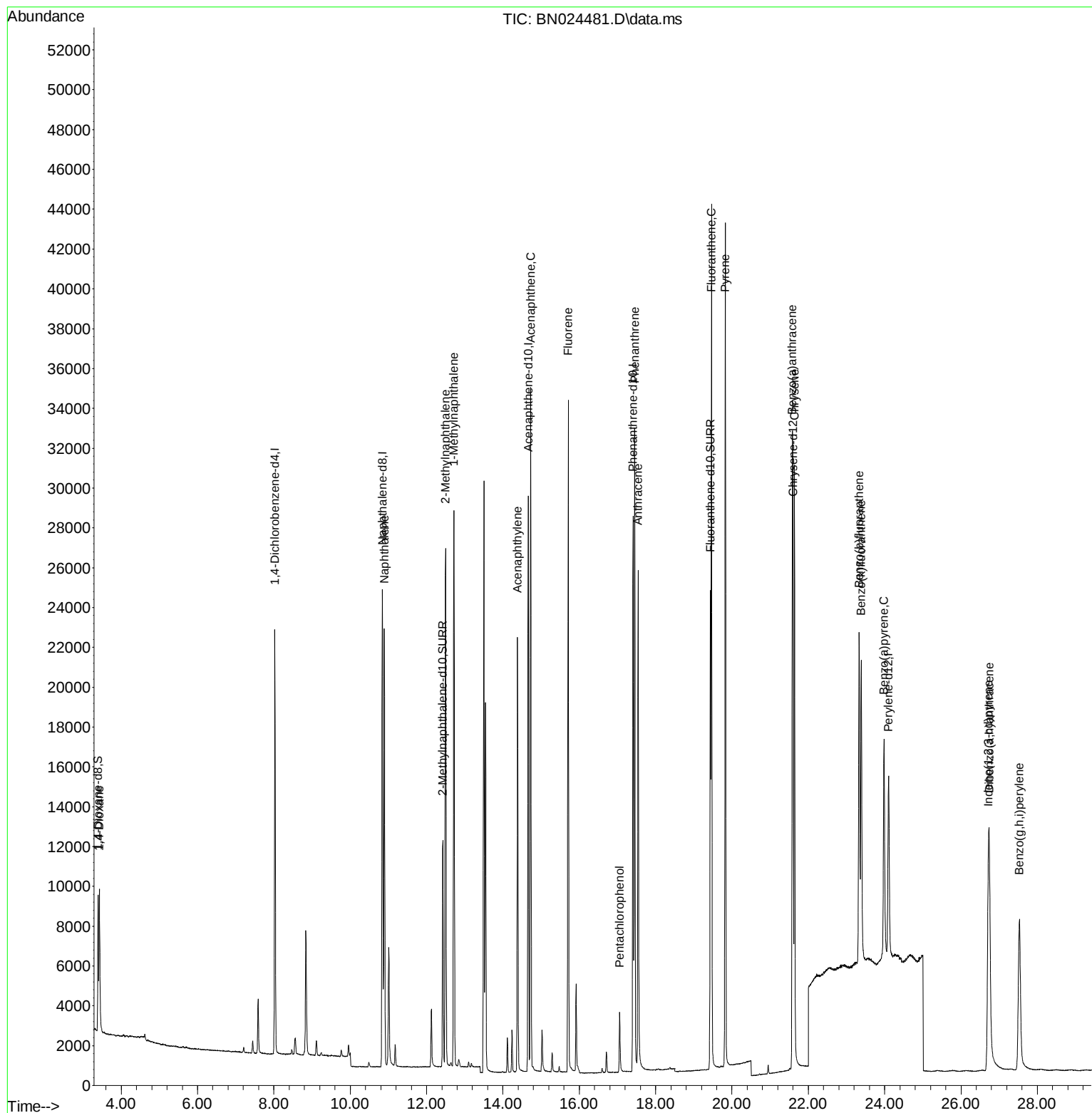
Quant Time: Mar 22 14:37:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 17:57:40 2023
 Response via : Initial Calibration

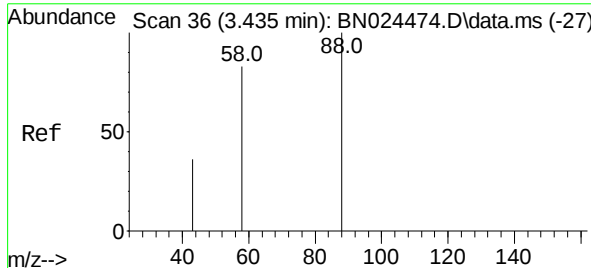
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	10939	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	31763	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	15995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	31618	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	21138	0.400	ng/ul	0.00
23) Perylene-d12	24.102	264	15084	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4289	0.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.428	152	14647	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	24914	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	4748	0.363	ng/ul	96
5) Naphthalene	10.894	128	30927	0.390	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	18424	0.383	ng/ul	100
8) 1-Methylnaphthalene	12.714	142	19105	0.378	ng/ul	100
10) Acenaphthylene	14.383	152	25241	0.378	ng/ul	100
11) Acenaphthene	14.726	153	19527	0.380	ng/ul	99
12) Fluorene	15.711	166	21449	0.374	ng/ul	99
14) Pentachlorophenol	17.058	266	2216	0.252	ng/ul#	73
15) Phenanthrene	17.451	178	34242	0.378	ng/ul	100
16) Anthracene	17.544	178	29139	0.367	ng/ul	100
19) Fluoranthene	19.464	202	35988	0.428	ng/ul	100
20) Pyrene	19.826	202	35960	0.421	ng/ul	99
21) Benzo(a)anthracene	21.583	228	25670	0.372	ng/ul	100
22) Chrysene	21.638	228	27896	0.383	ng/ul	99
24) Benzo(b)fluoranthene	23.331	252	24670	0.428	ng/ul	93
25) Benzo(k)fluoranthene	23.389	252	24288	0.406	ng/ul#	93
26) Benzo(a)pyrene	23.983	252	19337	0.390	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.716	276	22063	0.395	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.740	278	16640	0.392	ng/ul	96
29) Benzo(g,h,i)perylene	27.535	276	20590	0.425	ng/ul	98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 17:57:40 2023
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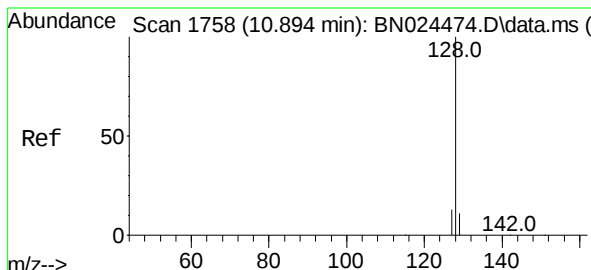
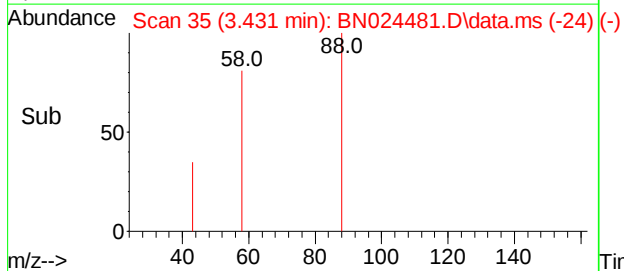
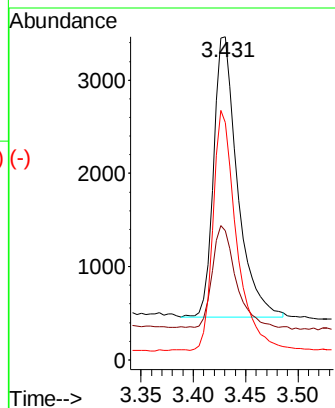
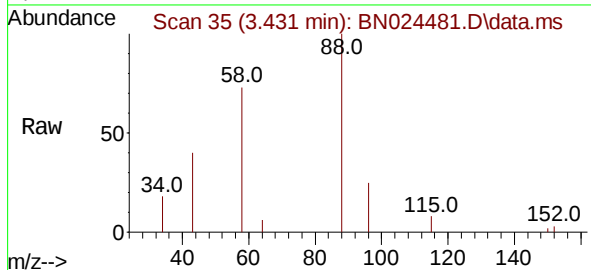


1,4-Dioxane
 Concen: 0.363 ng/ul
 RT: 3.431 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: BN024481.D
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 BNA_N
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 SST00.4399

Tgt Ion: 88 Resp: 4748

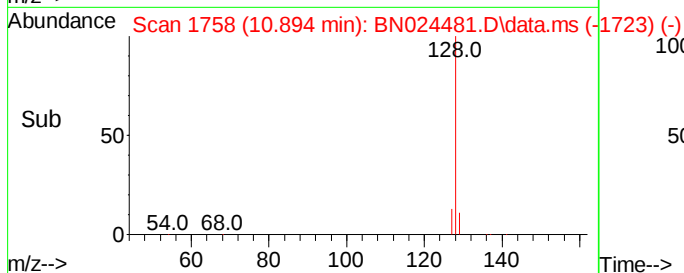
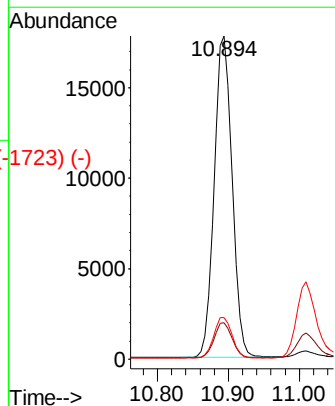
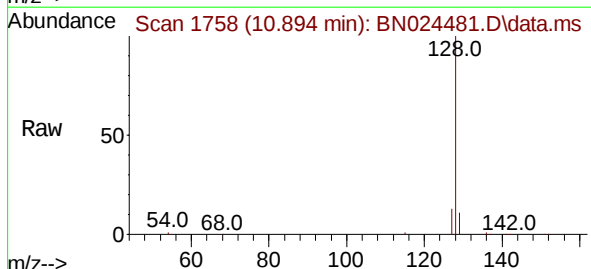
Ion	Ratio	Lower	Upper
88	100		
43	40.0	32.1	48.1
58	73.4	55.1	82.7



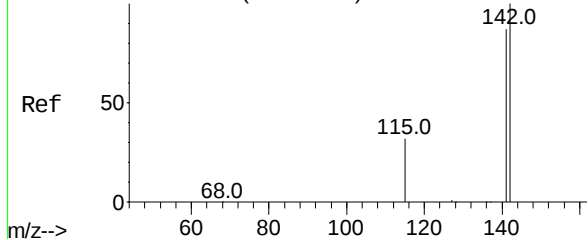
Naphthalene
 Concen: 0.390 ng/ul
 RT: 10.894 min Scan# 1758
 Delta R.T. -0.006 min
 Lab File: BN024481.D
 Acq: 22 Mar 2023 14:04

Tgt Ion: 128 Resp: 30927

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.9	10.5	15.7



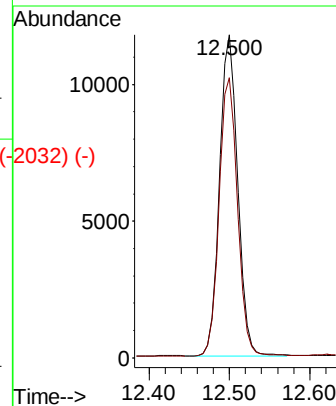
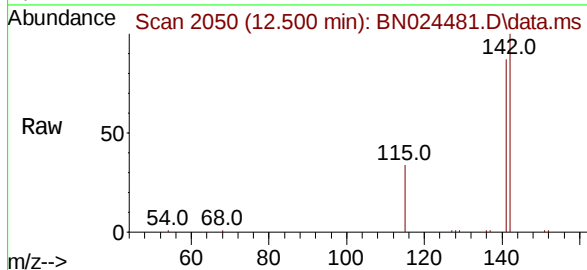
Abundance Scan 2050 (12.500 min): BN024474.D\data.ms (-2071) (-)



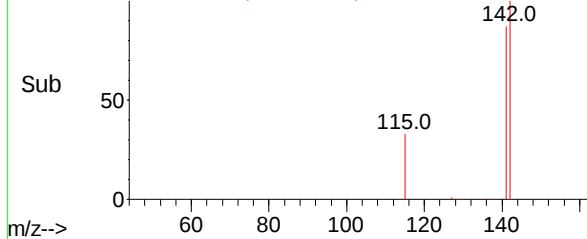
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

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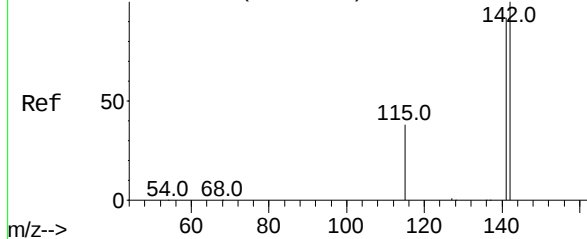
Tgt Ion:142 Resp: 18424
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5



Abundance Scan 2050 (12.500 min): BN024481.D\data.ms (-2032) (-)

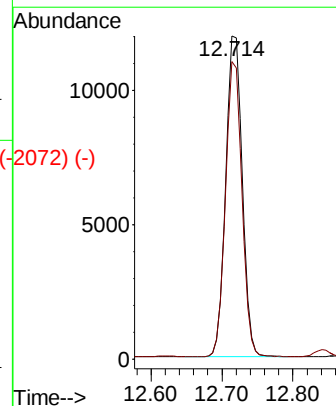
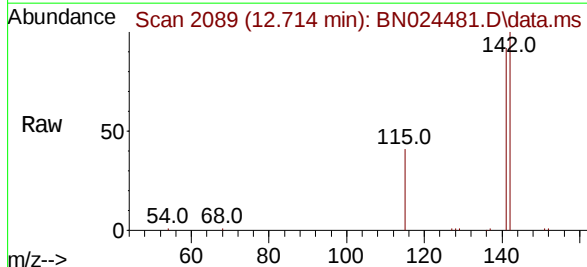


Abundance Scan 2089 (12.715 min): BN024474.D\data.ms (-2078) (-)

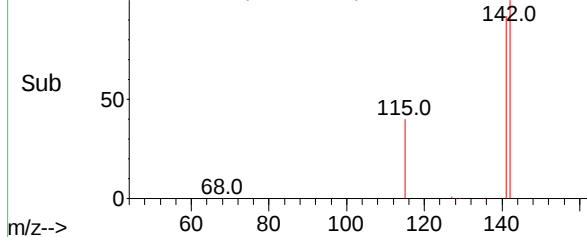


1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

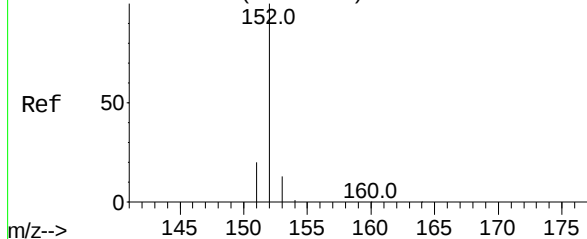
Tgt Ion:142 Resp: 19105
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6



Abundance Scan 2089 (12.714 min): BN024481.D\data.ms (-2072) (-)



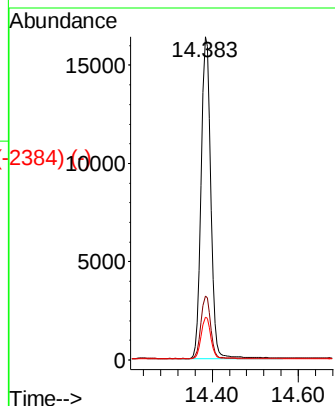
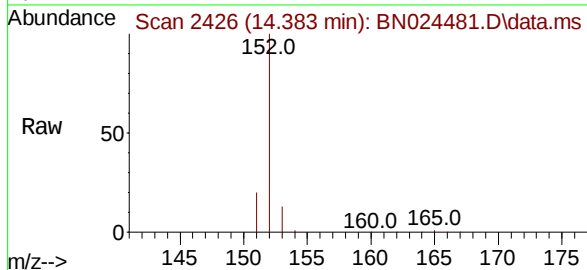
Abundance Scan 2426 (14.384 min): BN024474.D\data.ms (-2419) (-)



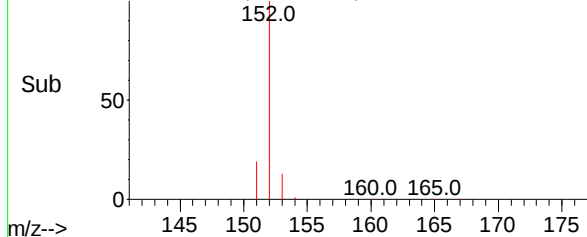
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.383 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

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ClientSampleId :
SSTD0.4399

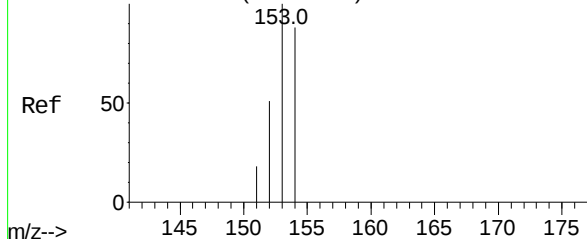
Tgt Ion:	152	Resp:	25241
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	10.6	16.0



Abundance Scan 2426 (14.383 min): BN024481.D\data.ms (-2384) (-)

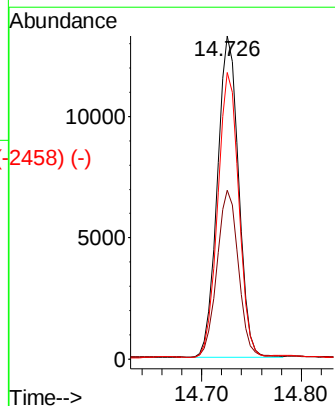
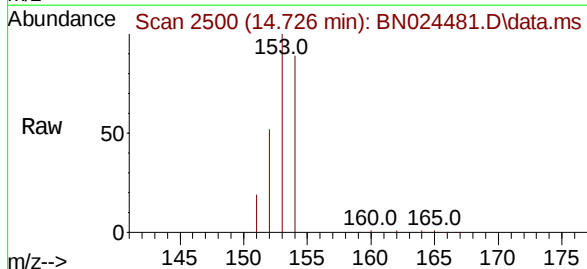


Abundance Scan 2500 (14.726 min): BN024474.D\data.ms (-2410) (-)

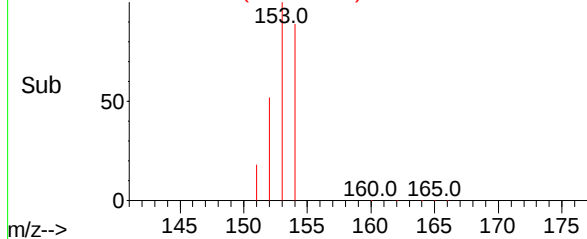


Acenaphthene
Concen: 0.380 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. -0.005 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

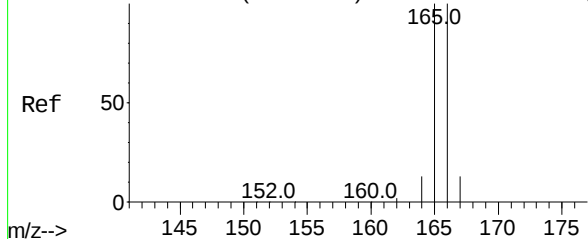
Tgt Ion:	153	Resp:	19527
Ion	Ratio	Lower	Upper
153	100		
152	52.2	42.6	64.0
154	88.7	70.6	105.8



Abundance Scan 2500 (14.726 min): BN024481.D\data.ms (-2458) (-)



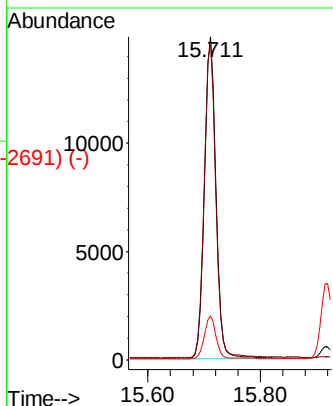
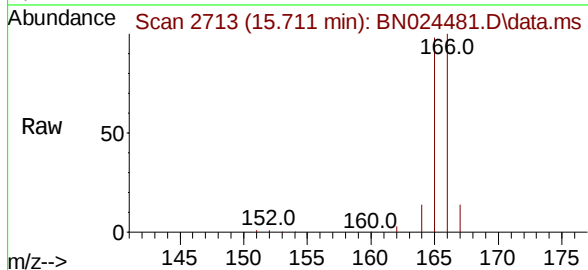
Abundance Scan 2712 (15.707 min): BN024474.D\data.ms (-2712) (-)



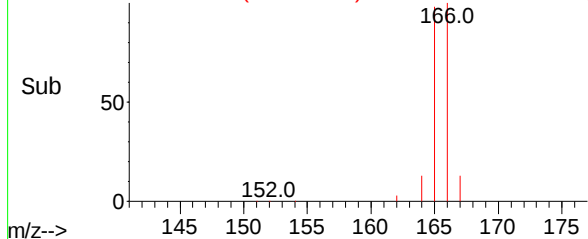
Fluorene
Concen: 0.374 ng/ul
RT: 15.711 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.4399

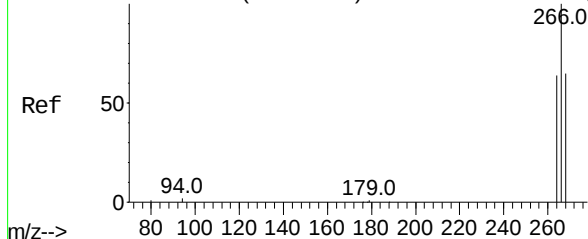
Tgt Ion:166 Resp: 21449
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.0
167 13.6 10.9 16.3



Abundance Scan 2713 (15.711 min): BN024481.D\data.ms (-2691) (-)

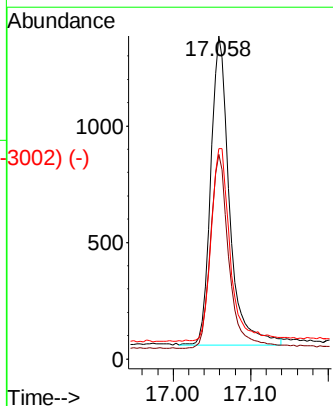
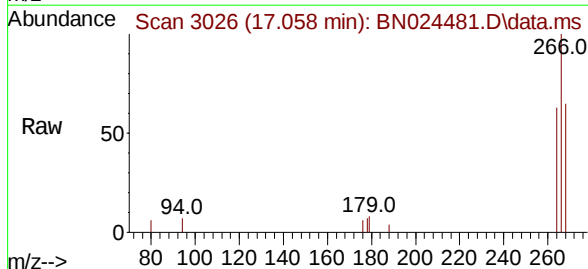


Abundance Scan 3026 (17.059 min): BN024474.D\data.ms (-3016) (-)

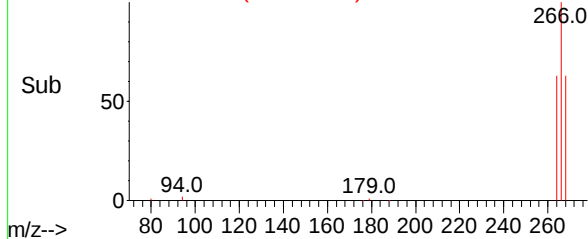


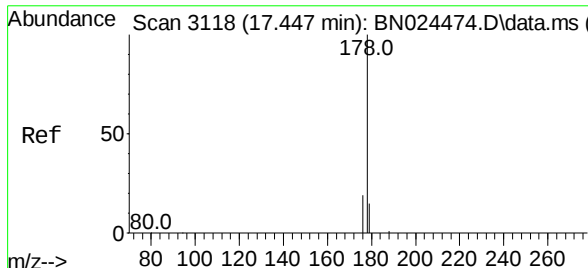
Pentachlorophenol
Concen: 0.252 ng/ul
RT: 17.058 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

Tgt Ion:266 Resp: 2216
Ion Ratio Lower Upper
266 100
264 61.8 0.0 0.0#
268 64.2 0.1 0.1#



Abundance Scan 3026 (17.058 min): BN024481.D\data.ms (-3002) (-)

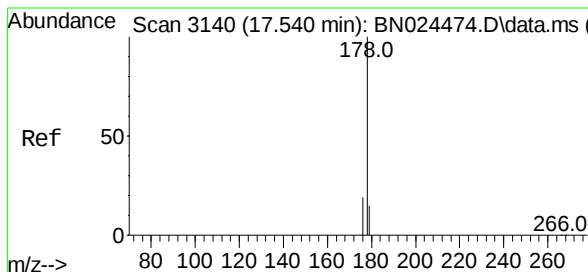
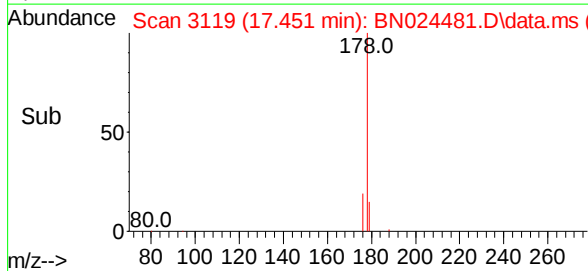
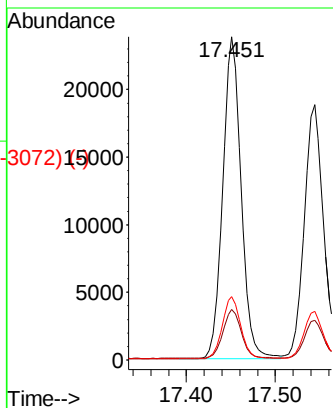
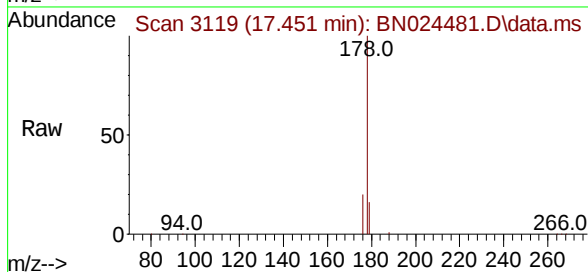




Phenanthrene
 Concen: 0.378 ng/ul
 RT: 17.451 min Scan# 3119
 Delta R.T. -0.000 min
 Lab File: BN024481.D
 Acq: 22 Mar 2023 14:04

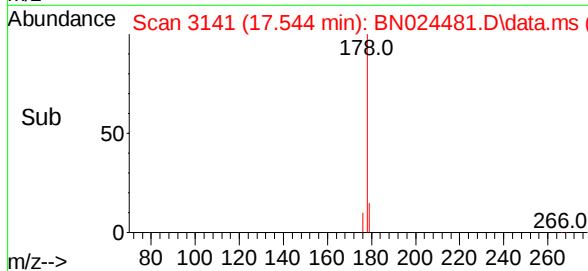
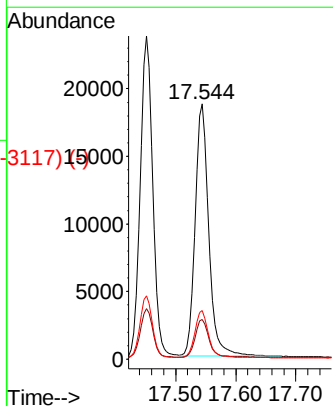
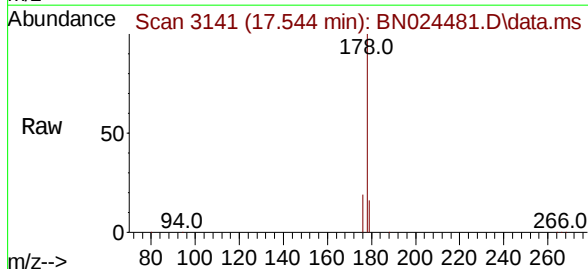
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4399

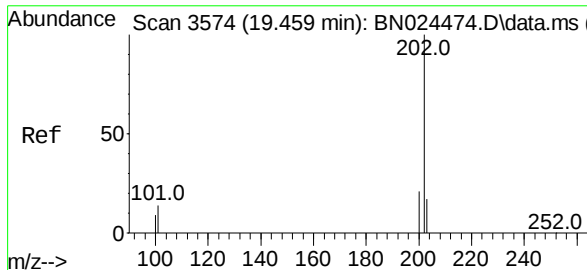
Tgt Ion:	178	Resp:	34242
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.5	15.7	23.5



Anthracene
 Concen: 0.367 ng/ul
 RT: 17.544 min Scan# 3141
 Delta R.T. -0.000 min
 Lab File: BN024481.D
 Acq: 22 Mar 2023 14:04

Tgt Ion:	178	Resp:	29139
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.3	22.9

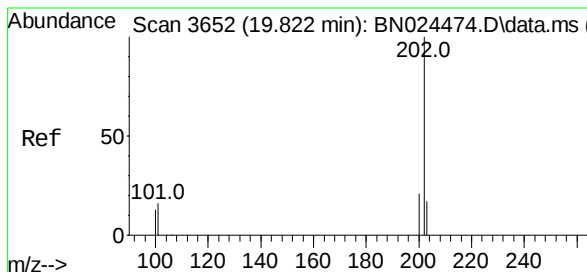
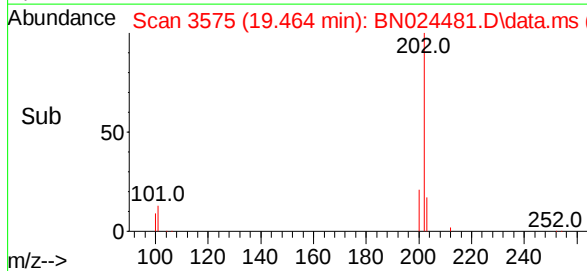
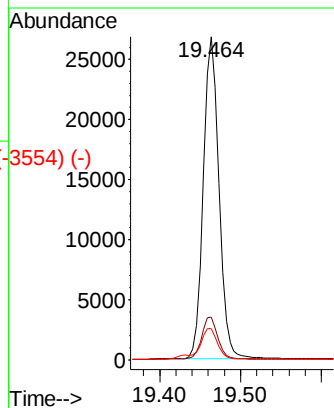
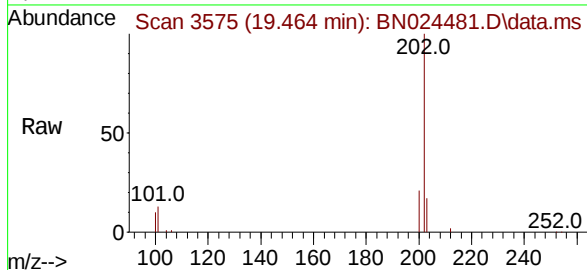




Fluoranthene
Concen: 0.428 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

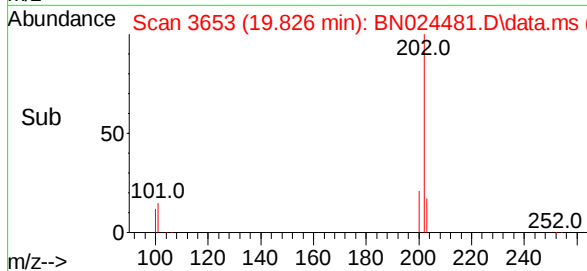
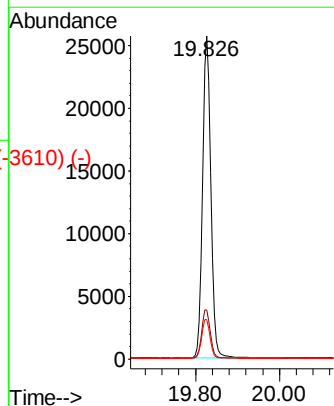
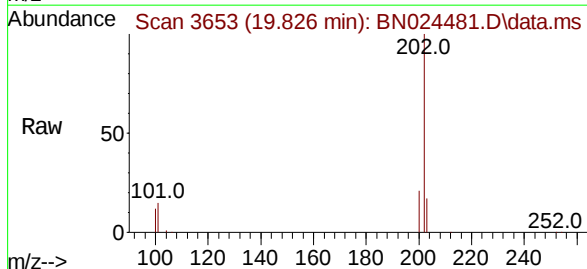
Instrument :
BNA_N
ClientSampleId :
SSTD0.4399

Tgt Ion:202 Resp: 35988
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 9.6 7.7 11.5

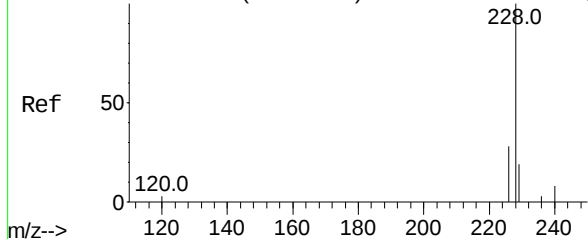


Pyrene
Concen: 0.421 ng/ul
RT: 19.826 min Scan# 3653
Delta R.T. -0.000 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

Tgt Ion:202 Resp: 35960
Ion Ratio Lower Upper
202 100
101 15.3 12.1 18.1
100 12.3 9.4 14.0



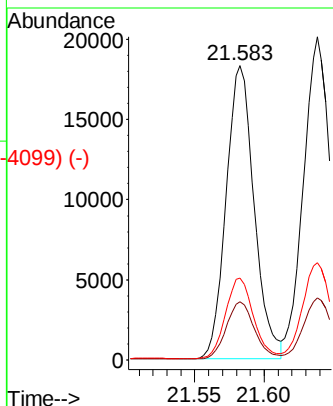
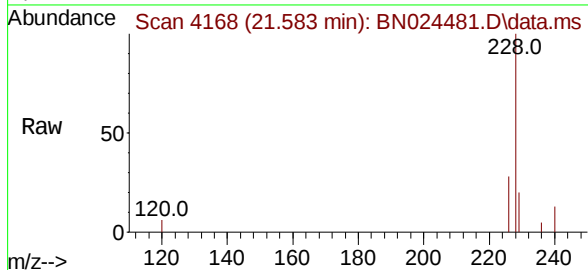
Abundance Scan 4166 (21.577 min): BN024474.D\data.ms (-4122) (-)



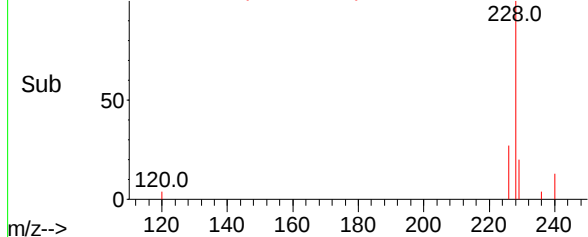
Benzo(a)anthracene
Concen: 0.372 ng/u1
RT: 21.583 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.4399

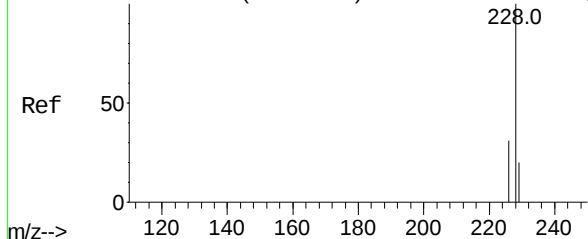
Tgt Ion:228 Resp: 25670
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 27.7 22.2 33.4



Abundance Scan 4168 (21.583 min): BN024481.D\data.ms (-4099) (-)

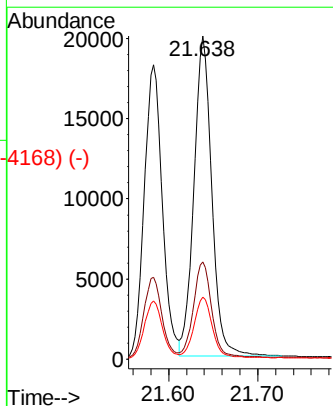
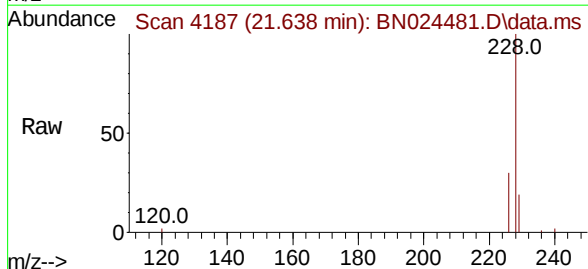


Abundance Scan 4185 (21.633 min): BN024474.D\data.ms (-4122) (-)

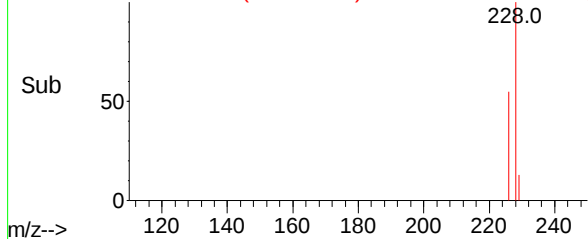


Chrysene
Concen: 0.383 ng/u1
RT: 21.638 min Scan# 4187
Delta R.T. 0.006 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

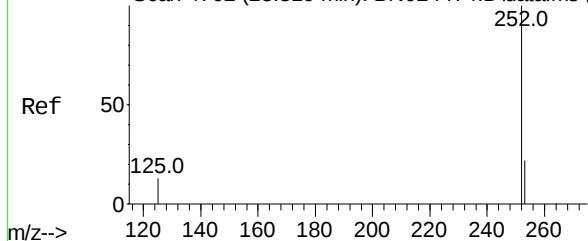
Tgt Ion:228 Resp: 27896
Ion Ratio Lower Upper
228 100
226 30.1 24.8 37.2
229 19.2 15.8 23.6



Abundance Scan 4187 (21.638 min): BN024481.D\data.ms (-4168) (-)



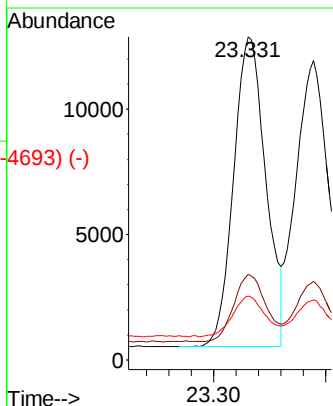
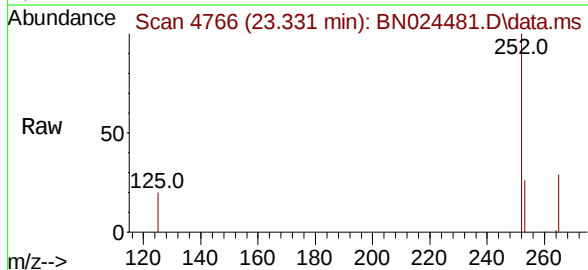
Abundance Scan 4762 (23.319 min): BN024474.D\data.ms (-4724) (-)



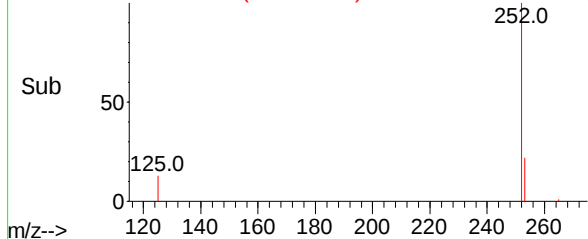
Benzo(b)fluoranthene
Concen: 0.428 ng/u1
RT: 23.331 min Scan# 4724
Delta R.T. 0.015 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.4399

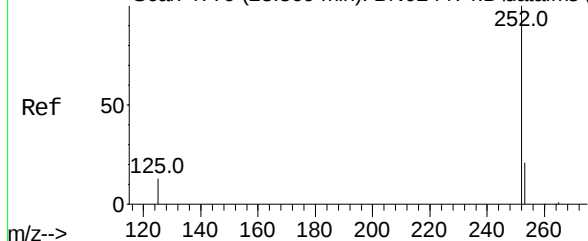
Tgt Ion:252 Resp: 24670
Ion Ratio Lower Upper
252 100
253 26.5 0.0 46.2
125 19.7 0.0 34.0



Abundance Scan 4766 (23.331 min): BN024481.D\data.ms (-4693) (-)

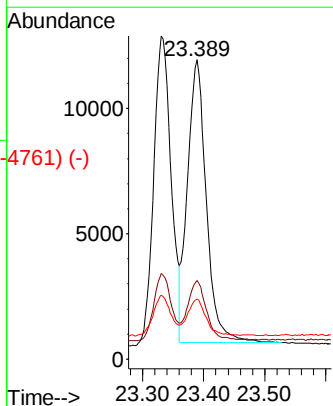
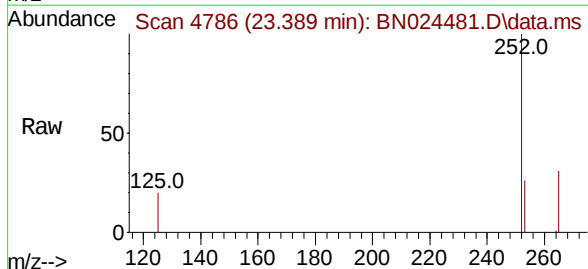


Abundance Scan 4779 (23.369 min): BN024474.D\data.ms (-4725) (-)

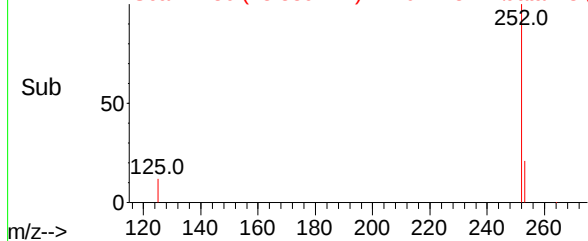


Benzo(k)fluoranthene
Concen: 0.406 ng/u1
RT: 23.389 min Scan# 4786
Delta R.T. 0.023 min
Lab File: BN024481.D
Acq: 22 Mar 2023 14:04

Tgt Ion:252 Resp: 24288
Ion Ratio Lower Upper
252 100
253 26.3 18.5 27.7
125 20.0 13.2 19.8#



Abundance Scan 4786 (23.389 min): BN024481.D\data.ms (-4761) (-)



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

Benzo(a)pyrene

Concen: 0.390 ng/u1

RT: 23.983 min Scan# 4925

Delta R.T. 0.015 min

Lab File: BN024481.D

Acq: 22 Mar 2023 14:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.4399

Tgt Ion:252 Resp: 19337

Ion Ratio Lower Upper

252 100

253 29.0 19.2 28.8#

125 24.1 15.8 23.6#

Abundance Scan 4989 (23.983 min): BN024481.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 4989 (23.983 min): BN024481.D\data.ms (-4950) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

8000

6000

4000

2000

0

Time-->

23.983

24.00

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

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng/u1

RT: 26.716 min Scan# 5849

Delta R.T. 0.043 min

Lab File: BN024481.D

Acq: 22 Mar 2023 14:04

Tgt Ion:276 Resp: 22063

Ion Ratio Lower Upper

276 100

138 32.5 0.0 0.0#

227 0.0 0.0 0.0#

Abundance Scan 5849 (26.716 min): BN024481.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 5849 (26.716 min): BN024481.D\data.ms (-5776) (-)

Ref 50

138.0

227.0

276.0

Sub 50

138.0

227.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

5000

4000

3000

2000

1000

0

Time-->

26.716

26.80

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

Dibenzo(a,h)anthracene

Concen: 0.392 ng/ul

RT: 26.740 min Scan# 5856

Delta R.T. 0.047 min

Lab File: BN024481.D

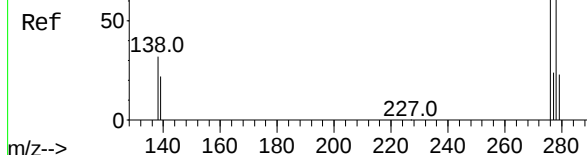
Acq: 22 Mar 2023 14:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.4399



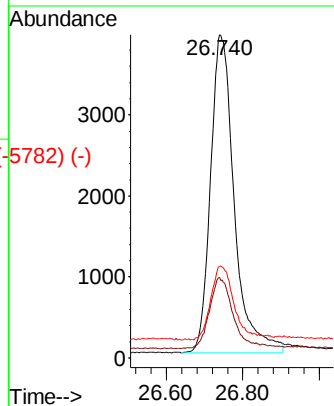
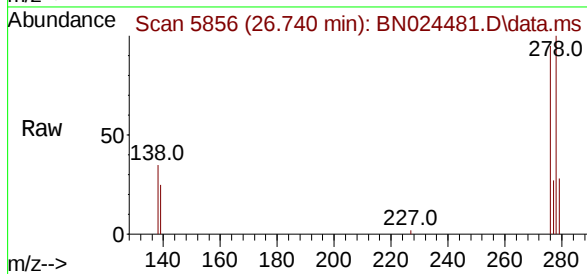
Tgt Ion:278 Resp: 16640

Ion Ratio Lower Upper

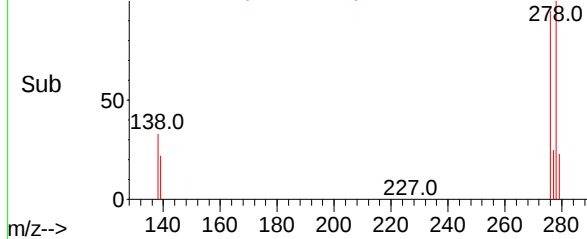
278 100

139 24.8 21.0 31.6

279 28.2 20.4 30.6



Abundance Scan 5856 (26.740 min): BN024481.D\data.ms (-5782) (-)



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

Benzo(g,h,i)perylene

Concen: 0.425 ng/ul

RT: 27.535 min Scan# 6093

Delta R.T. 0.064 min

Lab File: BN024481.D

Acq: 22 Mar 2023 14:04

Tgt Ion:276 Resp: 20590

Ion Ratio Lower Upper

276 100

138 30.0 25.2 37.8

277 24.7 19.4 29.2

