

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024640.D
 Acq On : 30 Mar 2023 13:28
 Operator : CG/JU
 Sample : SSTD0.182
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1244

Quant Time: Mar 30 15:26:39 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 15:26:08 2023
 Response via : Initial Calibration

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

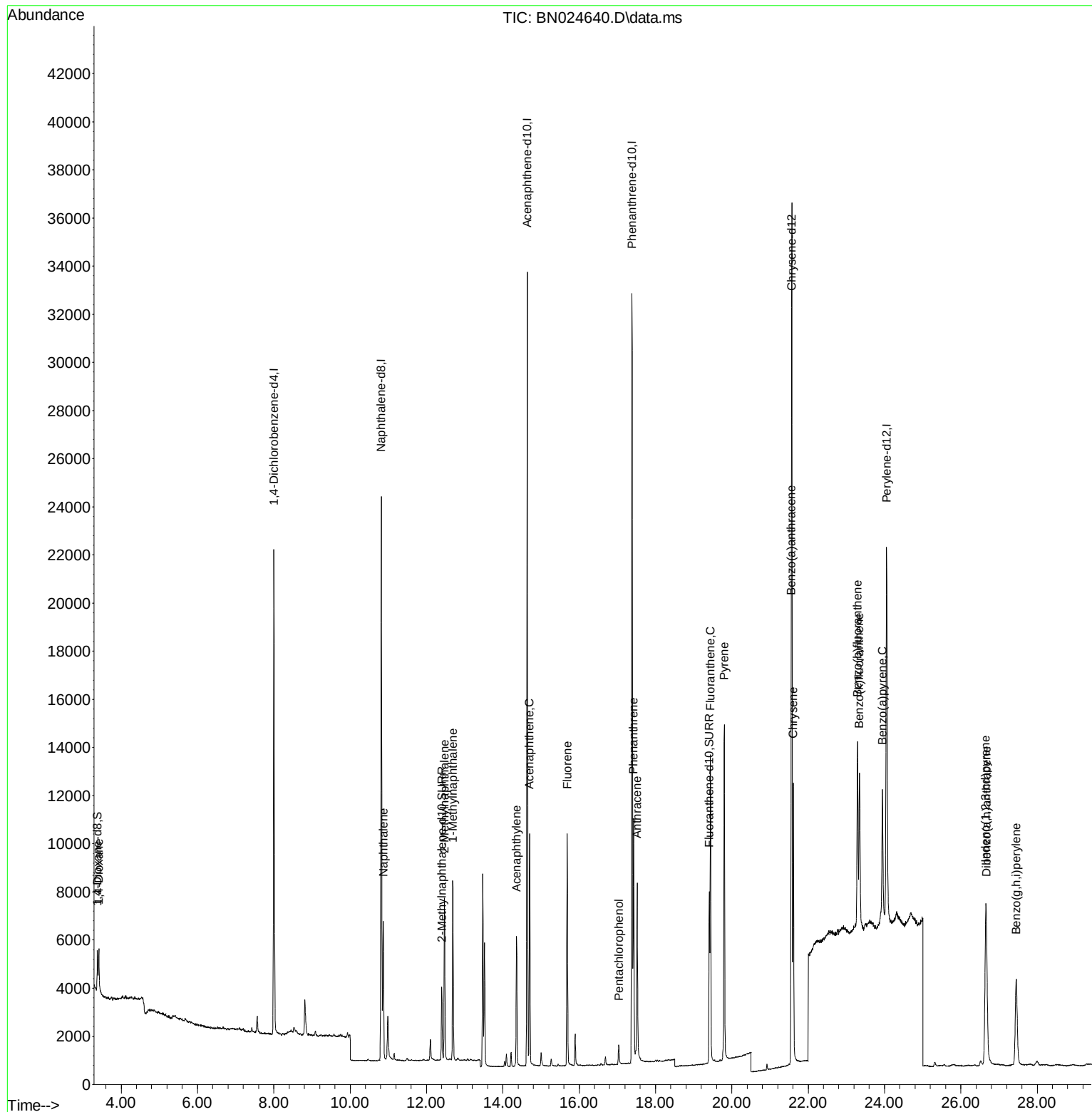
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	10628	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	31450	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	17591	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	37548	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	30176	0.400	ng/ul	0.00
23) Perylene-d12	24.053	264	24649	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	1187	0.101	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3994	0.107	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	7752	0.097	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	1254	0.099	ng/ul#	73
5) Naphthalene	10.867	128	7994	0.102	ng/ul	97
7) 2-Methylnaphthalene	12.473	142	4965	0.104	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	5198	0.104	ng/ul	100
10) Acenaphthylene	14.361	152	6423	0.088	ng/ul	97
11) Acenaphthene	14.698	153	5563	0.098	ng/ul	99
12) Fluorene	15.684	166	6324	0.100	ng/ul	98
14) Pentachlorophenol	17.038	266	676	0.065	ng/ul	96
15) Phenanthrene	17.426	178	10872	0.101	ng/ul	97
16) Anthracene	17.519	178	8725	0.092	ng/ul	95
19) Fluoranthene	19.441	202	11368	0.095	ng/ul	97
20) Pyrene	19.803	202	11804	0.097	ng/ul	97
21) Benzo(a)anthracene	21.557	228	9589	0.097	ng/ul	99
22) Chrysene	21.609	228	10804	0.104	ng/ul	99
24) Benzo(b)fluoranthene	23.293	252	10543	0.112	ng/ul	81
25) Benzo(k)fluoranthene	23.343	252	9850	0.101	ng/ul#	78
26) Benzo(a)pyrene	23.945	252	8728	0.108	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.653	276	10085	0.111	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.670	278	7929	0.114	ng/ul#	87
29) Benzo(g,h,i)perylene	27.454	276	8879	0.112	ng/ul	94

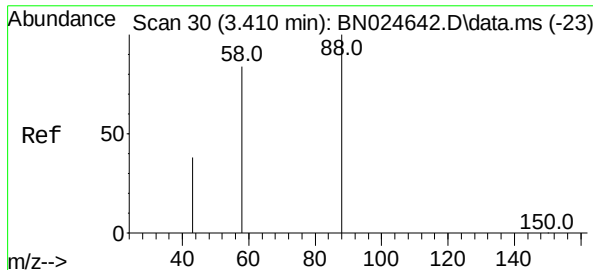
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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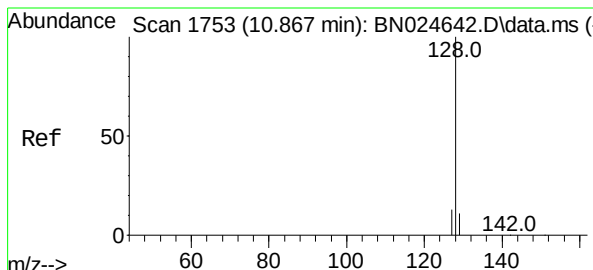
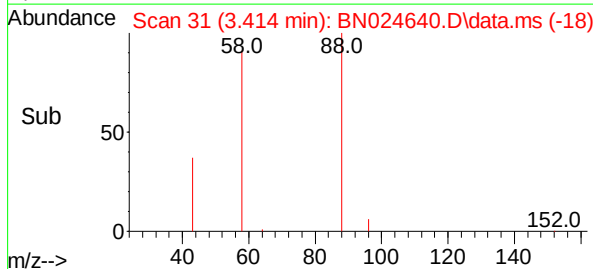
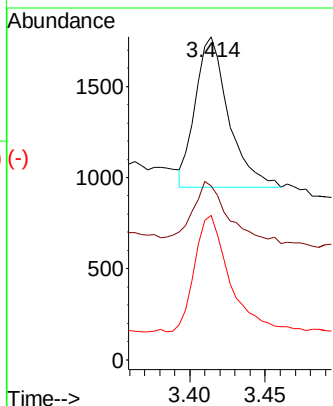
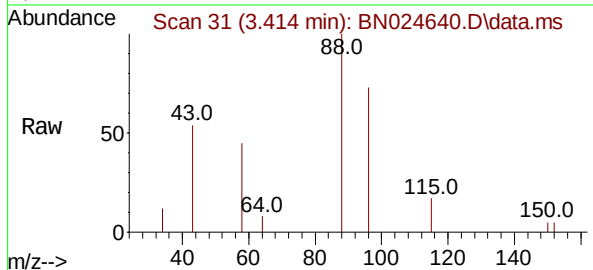




1,4-Dioxane
 Concen: 0.099 ng/ul
 RT: 3.414 min Scan# 1
 Delta R.T. 0.004 min
 Lab File: BN024640.D
 Acq: 30 Mar 2023 13:28

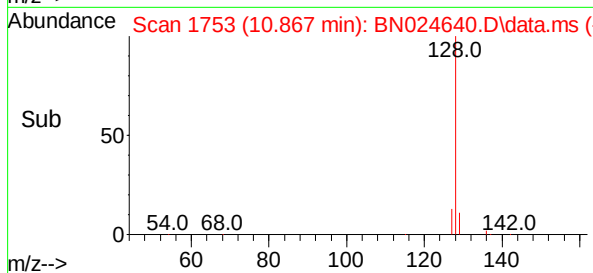
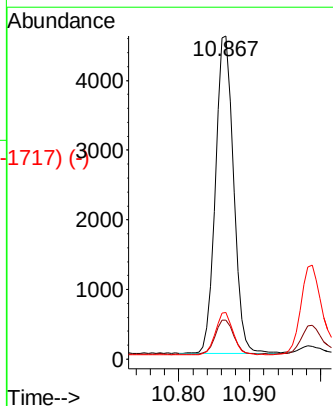
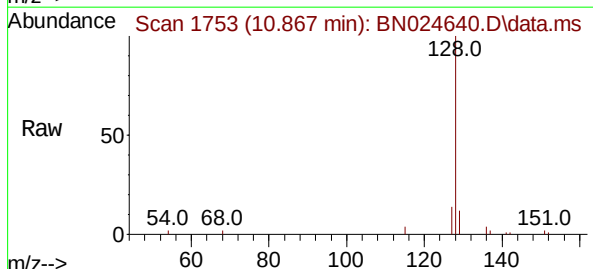
Instrument :
 BNA_N
 ClientSampleId :
 SST0.1244

Tgt Ion: 88 Resp: 1254
 Ion Ratio Lower Upper
 88 100
 43 54.0 37.2 55.8
 58 44.8 61.5 92.3#

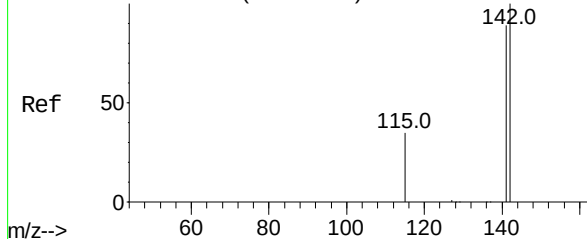


Naphthalene
 Concen: 0.102 ng/ul
 RT: 10.867 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BN024640.D
 Acq: 30 Mar 2023 13:28

Tgt Ion: 128 Resp: 7994
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.0 13.6
 127 14.5 10.5 15.7



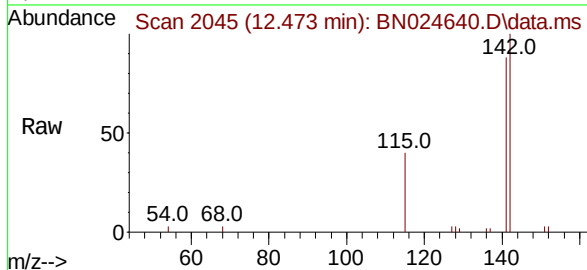
Abundance Scan 2045 (12.473 min): BN024642.D\data.ms (-2037) (-)



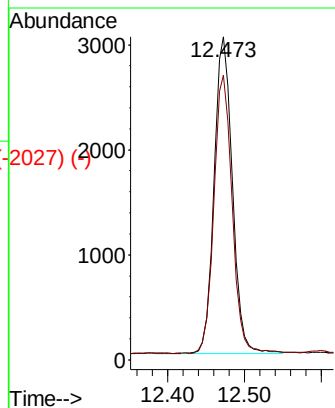
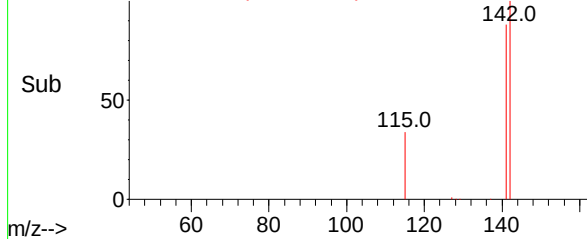
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.473 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BN024640.D
Acq: 30 Mar 2023 13:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

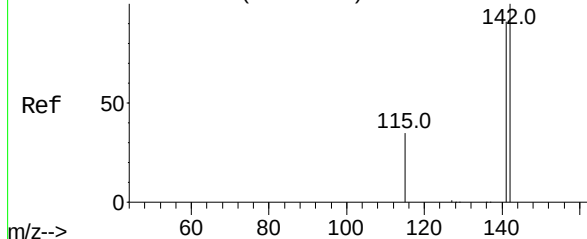
Tgt Ion:142 Resp: 4965
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



Abundance Scan 2045 (12.473 min): BN024640.D\data.ms (-2027) (-)

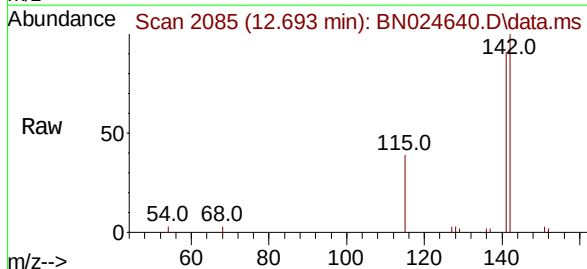


Abundance Scan 2085 (12.693 min): BN024642.D\data.ms (-2038) (-)

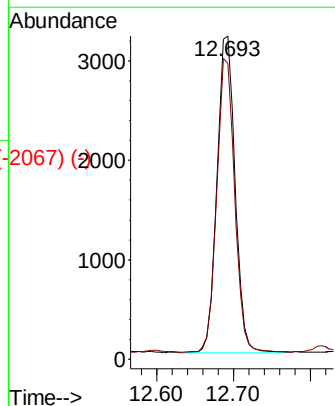
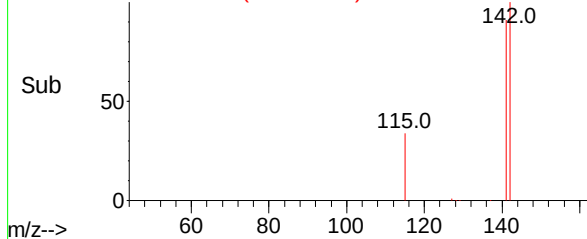


1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.693 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BN024640.D
Acq: 30 Mar 2023 13:28

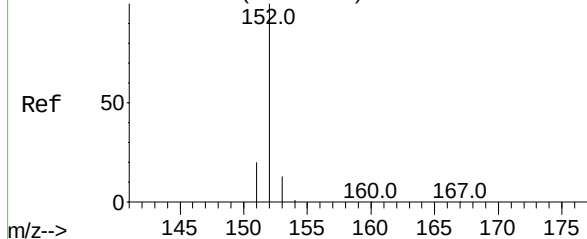
Tgt Ion:142 Resp: 5198
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3



Abundance Scan 2085 (12.693 min): BN024640.D\data.ms (-2067) (-)



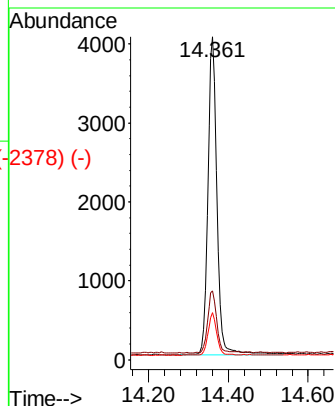
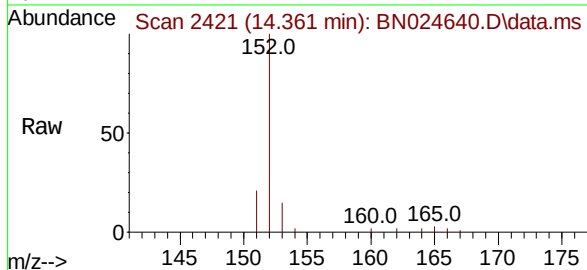
Abundance Scan 2421 (14.361 min): BN024642.D\data.ms (-2419) (-)



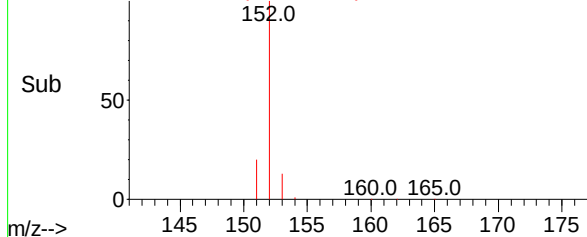
Acenaphthylene
Concen: 0.088 ng/ul
RT: 14.361 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN024640.D
Acq: 30 Mar 2023 13:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

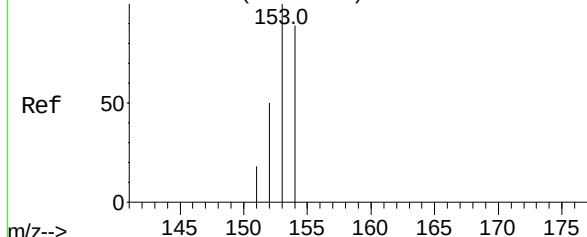
Tgt Ion:	152	Resp:	6423
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.1	24.1
153	14.7	10.6	16.0



Abundance Scan 2421 (14.361 min): BN024640.D\data.ms (-2378) (-)

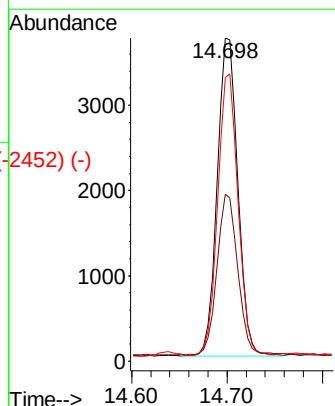
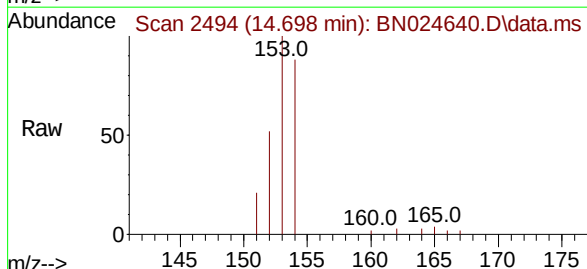


Abundance Scan 2495 (14.703 min): BN024642.D\data.ms (-2415) (-)

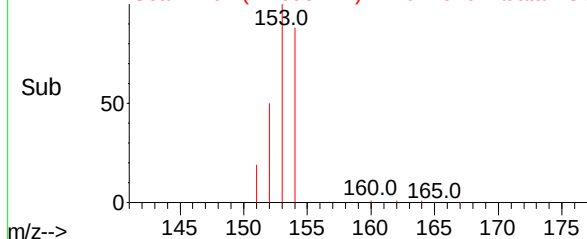


Acenaphthene
Concen: 0.098 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024640.D
Acq: 30 Mar 2023 13:28

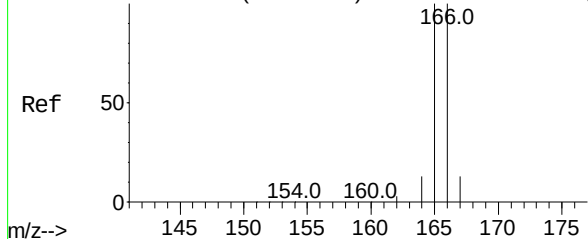
Tgt Ion:	153	Resp:	5563
Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.3	60.5
154	87.7	71.0	106.4



Abundance Scan 2494 (14.698 min): BN024640.D\data.ms (-2452) (-)



Abundance Scan 2707 (15.684 min): BN024642.D\data.ms (-2685) (-)



Fluorene

Concen: 0.100 ng/ul

RT: 15.684 min Scan# 2707

Delta R.T. 0.000 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

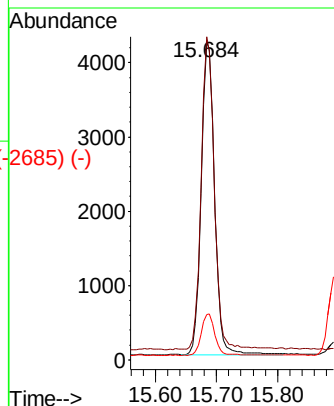
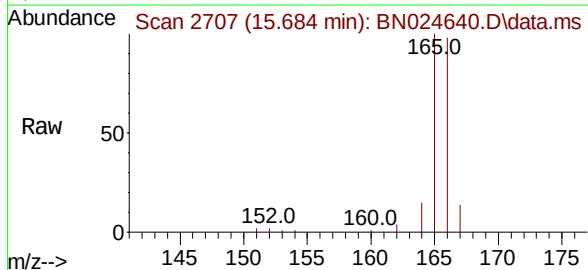
Tgt Ion:166 Resp: 6324

Ion Ratio Lower Upper

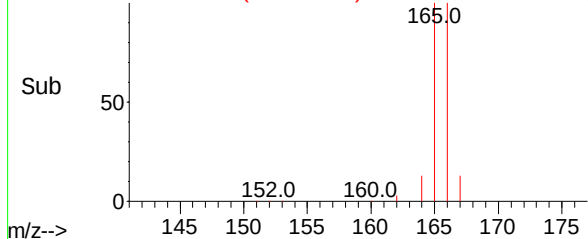
166 100

165 101.8 80.0 120.0

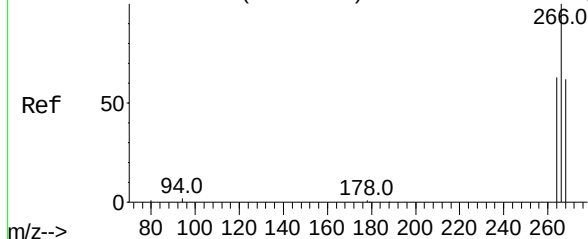
167 14.2 10.8 16.2



Abundance Scan 2707 (15.684 min): BN024640.D\data.ms (-2685) (-)



Abundance Scan 3020 (17.033 min): BN024642.D\data.ms (-3014) (-)



Pentachlorophenol

Concen: 0.065 ng/ul

RT: 17.038 min Scan# 3021

Delta R.T. 0.004 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

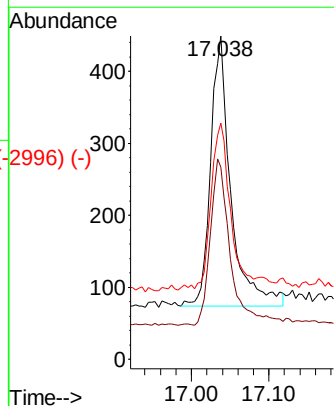
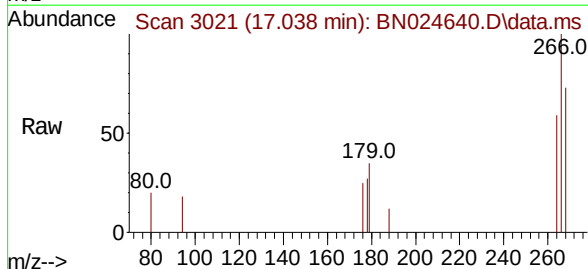
Tgt Ion:266 Resp: 676

Ion Ratio Lower Upper

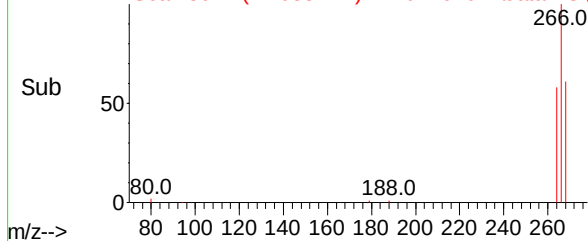
266 100

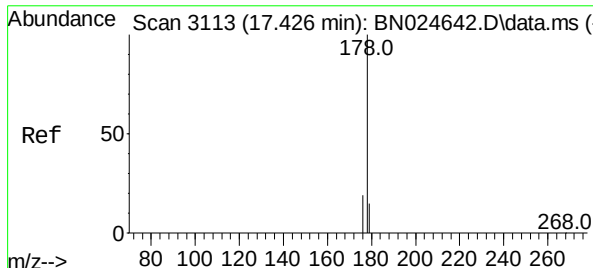
264 61.4 49.6 74.4

268 60.5 52.6 78.8



Abundance Scan 3021 (17.038 min): BN024640.D\data.ms (-2996) (-)

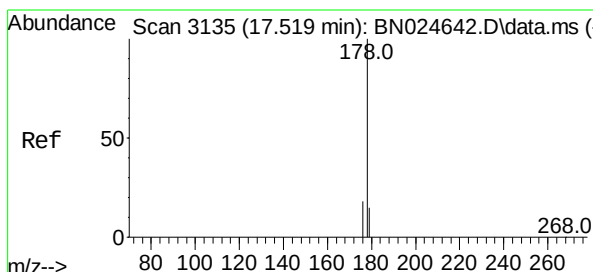
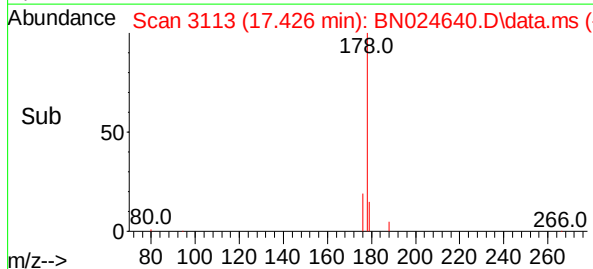
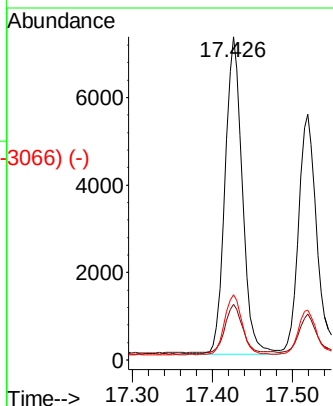
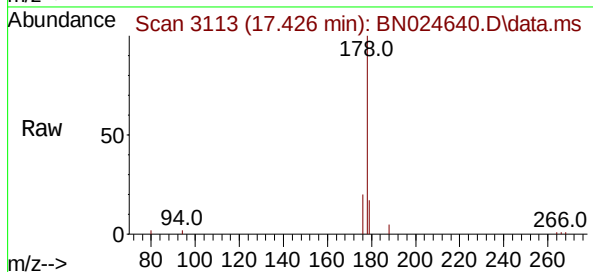




Phenanthrene
Concen: 0.101 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN024640.D
Acq: 30 Mar 2023 13:28

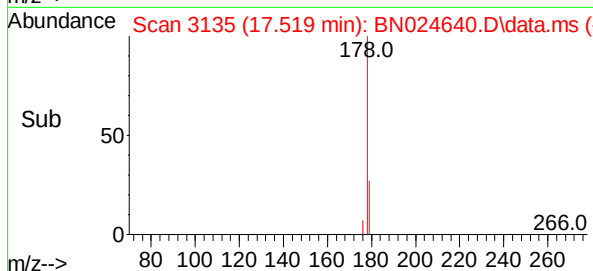
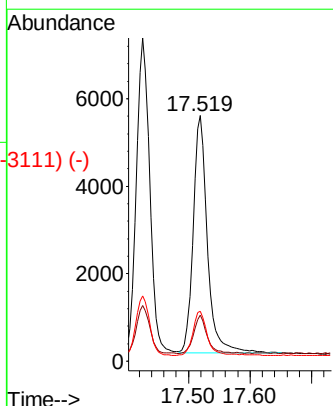
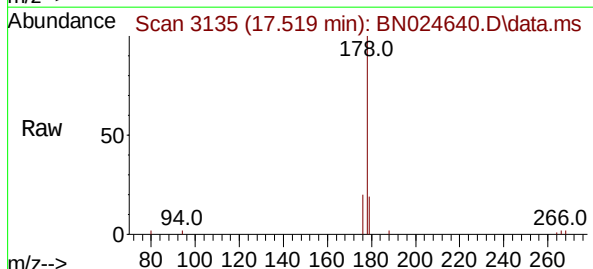
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:	178	Resp:	10872
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.3	18.5
176	20.2	15.5	23.3

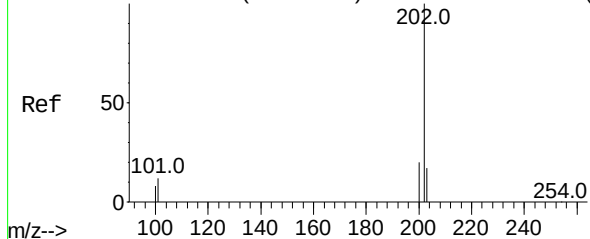


Anthracene
Concen: 0.092 ng/ul
RT: 17.519 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BN024640.D
Acq: 30 Mar 2023 13:28

Tgt Ion:	178	Resp:	8725
Ion Ratio	Lower	Upper	
178	100		
179	18.8	12.7	19.1
176	20.4	15.2	22.8



Abundance Scan 3570 (19.441 min): BN024642.D\data.ms (-3549) (-)



Fluoranthene

Concen: 0.095 ng/ul

RT: 19.441 min Scan#

Delta R.T. 0.000 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

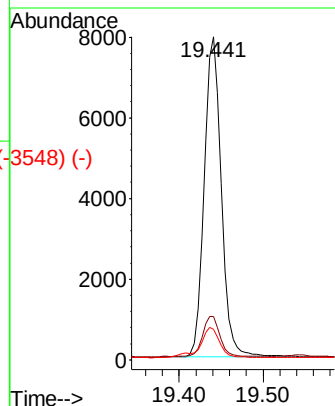
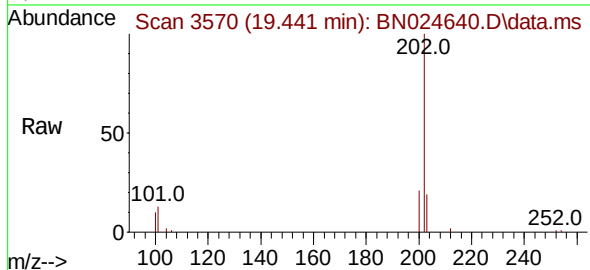
Tgt Ion:202 Resp: 11368

Ion Ratio Lower Upper

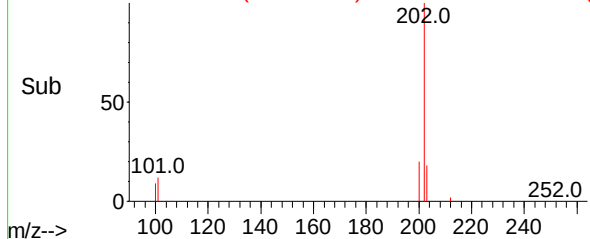
202 100

101 13.4 9.6 14.4

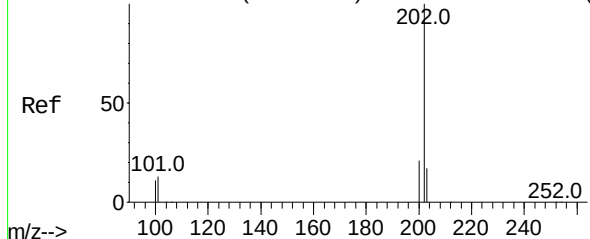
100 9.5 7.0 10.6



Abundance Scan 3570 (19.441 min): BN024640.D\data.ms (-3548) (-)



Abundance Scan 3648 (19.803 min): BN024642.D\data.ms (-3626) (-)



Pyrene

Concen: 0.097 ng/ul

RT: 19.803 min Scan# 3648

Delta R.T. 0.000 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

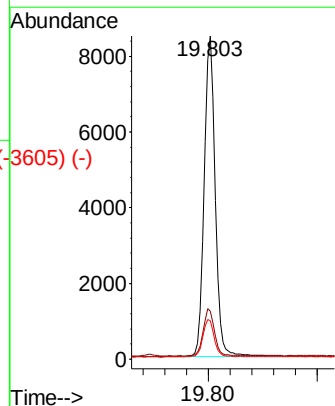
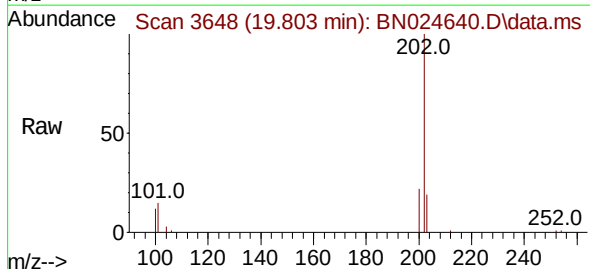
Tgt Ion:202 Resp: 11804

Ion Ratio Lower Upper

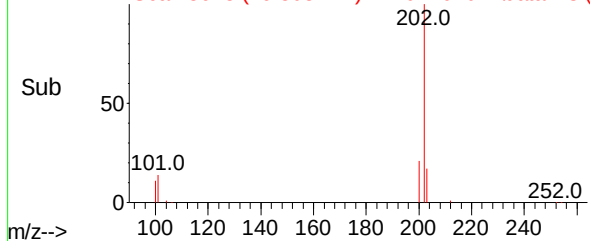
202 100

101 14.8 10.9 16.3

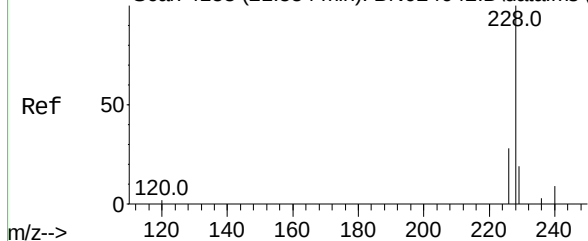
100 11.9 8.7 13.1



Abundance Scan 3648 (19.803 min): BN024640.D\data.ms (-3605) (-)



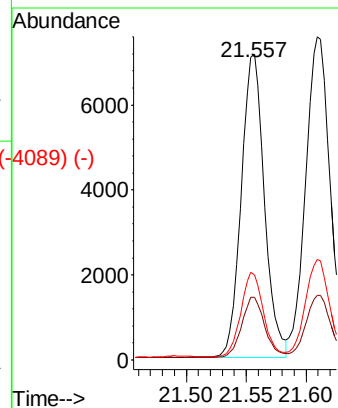
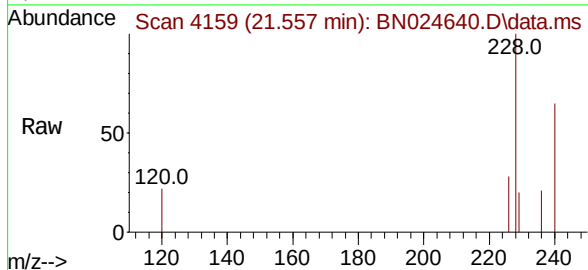
Abundance Scan 4158 (21.554 min): BN024642.D\data.ms (-4124) (-)



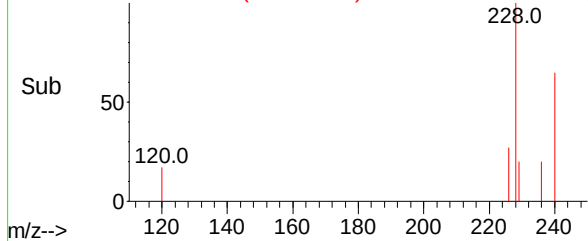
Benzo(a)anthracene
Concen: 0.097 ng/ul
RT: 21.557 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN024640.D
Acq: 30 Mar 2023 13:28

Instrument :
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ClientSampleId :
SSTD0.1244

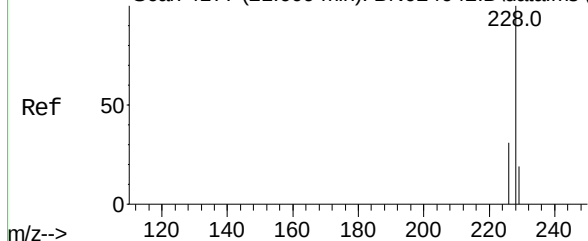
Tgt Ion:	228	Resp:	9589
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	27.7	22.5	33.7



Abundance Scan 4159 (21.557 min): BN024640.D\data.ms (-4089) (-)

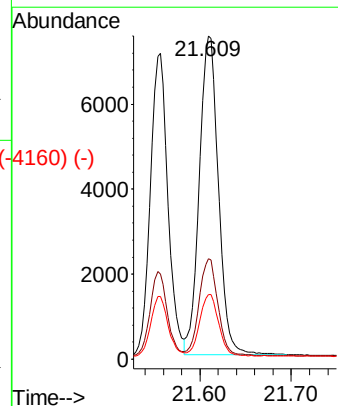
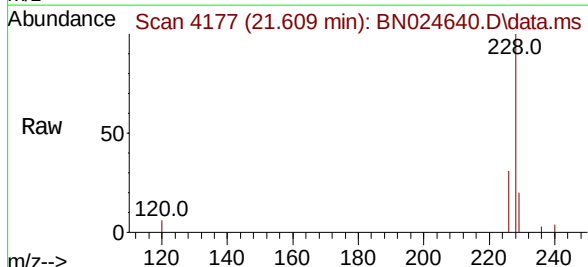


Abundance Scan 4177 (21.609 min): BN024642.D\data.ms (-4123) (-)

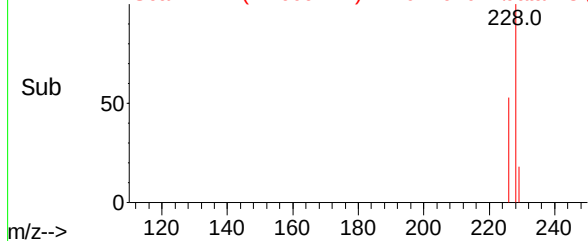


Chrysene
Concen: 0.104 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BN024640.D
Acq: 30 Mar 2023 13:28

Tgt Ion:	228	Resp:	10804
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	19.9	15.6	23.4



Abundance Scan 4177 (21.609 min): BN024640.D\data.ms (-4160) (-)



Abundance Scan 4753 (23.293 min): BN024642.D\data.ms (-4725) (-)

Benzo(b)fluoranthene

Concen: 0.112 ng/ul

RT: 23.293 min Scan# 4725

Delta R.T. 0.000 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

Tgt Ion:252 Resp: 10543

Ion Ratio Lower Upper

252 100

253 34.0 0.0 49.6

125 24.8 0.0 32.4

Abundance Scan 4753 (23.293 min): BN024640.D\data.ms

Raw

125.0

252.0

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4753 (23.293 min): BN024640.D\data.ms (-4685) (-)

Sub

125.0

252.0

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

6000

23.293

4000

2000

0

Time-->

23.25 23.30

Abundance Scan 4771 (23.345 min): BN024642.D\data.ms (-4725) (-)

Benzo(k)fluoranthene

Concen: 0.101 ng/ul

RT: 23.343 min Scan# 4770

Delta R.T. -0.003 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

Tgt Ion:252 Resp: 9850

Ion Ratio Lower Upper

252 100

253 35.0 20.2 30.2#

125 27.1 13.1 19.7#

Abundance Scan 4770 (23.343 min): BN024640.D\data.ms

Raw

125.0

252.0

50

0

m/z-->

0 50 100 150 200 250

Abundance

6000

23.343

4000

2000

0

Time-->

23.30 23.40

Abundance Scan 4770 (23.343 min): BN024640.D\data.ms (-4754) (-)

Sub

125.0

252.0

50

0

m/z-->

0 50 100 150 200 250

Abundance Scan 4975 (23.942 min): BN024642.D\data.ms (-4926) (-)

Benzo(a)pyrene

Concen: 0.108 ng/ul

RT: 23.945 min Scan# 4926

Delta R.T. 0.003 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

Tgt Ion:252 Resp: 8728

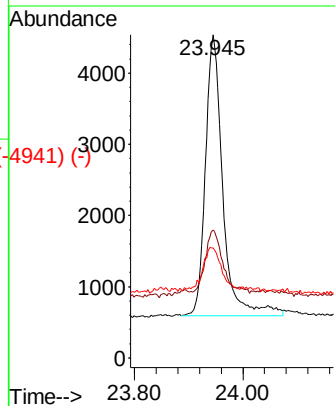
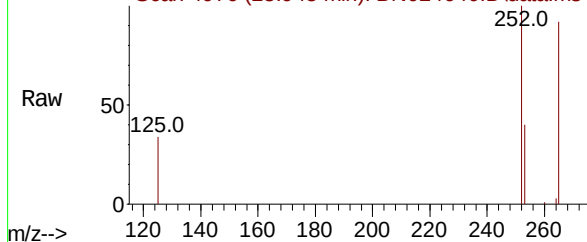
Ion Ratio Lower Upper

252 100

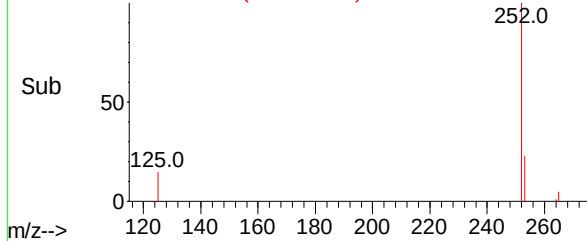
253 39.6 21.8 32.8#

125 34.1 15.4 23.0#

Abundance Scan 4976 (23.945 min): BN024640.D\data.ms



Abundance Scan 4976 (23.945 min): BN024640.D\data.ms (-4941) (-)



Abundance Scan 5828 (26.647 min): BN024642.D\data.ms (-5827) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.111 ng/ul

RT: 26.653 min Scan# 5830

Delta R.T. 0.006 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

Tgt Ion:276 Resp: 10085

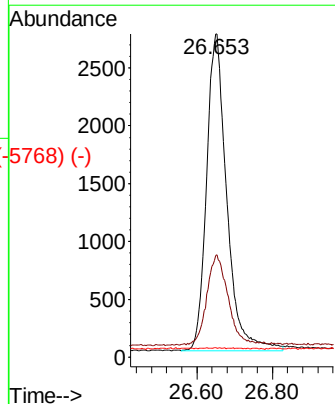
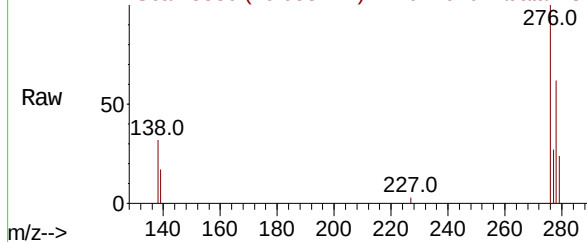
Ion Ratio Lower Upper

276 100

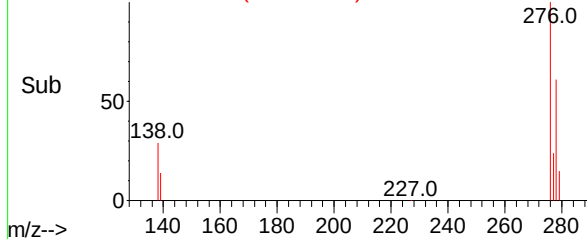
138 29.5 24.6 36.8

227 0.1 0.1 0.1#

Abundance Scan 5830 (26.653 min): BN024640.D\data.ms



Abundance Scan 5830 (26.653 min): BN024640.D\data.ms (-5768) (-)



Abundance Scan 5836 (26.673 min): BN024642.D\data.ms (-5828) (-)

Dibenzo(a,h)anthracene

Concen: 0.114 ng/ul

RT: 26.670 min Scan# 5835

Delta R.T. -0.004 min

Lab File: BN024640.D

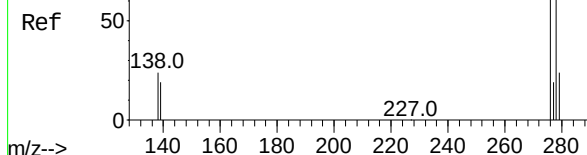
Acq: 30 Mar 2023 13:28

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244



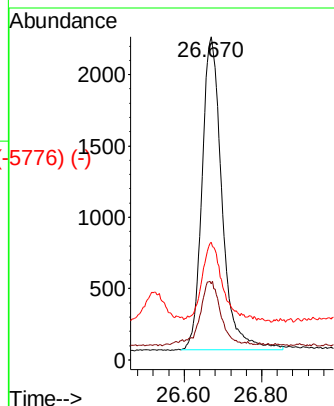
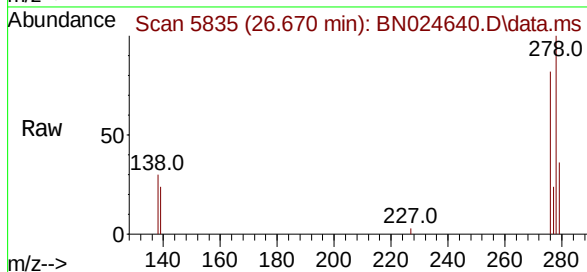
Tgt Ion:278 Resp: 7929

Ion Ratio Lower Upper

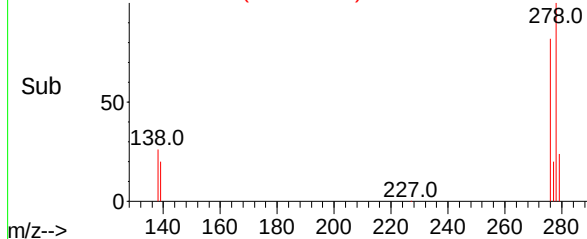
278 100

139 23.5 16.5 24.7

279 36.5 21.8 32.8#



Abundance Scan 5835 (26.670 min): BN024640.D\data.ms (-5776) (-)



Abundance Scan 6068 (27.451 min): BN024642.D\data.ms (-6029) (-)

Benzo(g,h,i)perylene

Concen: 0.112 ng/ul

RT: 27.454 min Scan# 6069

Delta R.T. 0.003 min

Lab File: BN024640.D

Acq: 30 Mar 2023 13:28

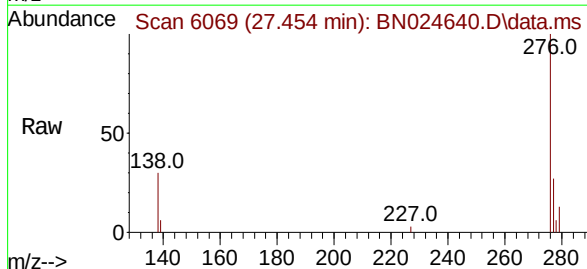
Tgt Ion:276 Resp: 8879

Ion Ratio Lower Upper

276 100

138 29.9 21.4 32.2

277 27.4 19.8 29.6



Abundance Scan 6069 (27.454 min): BN024640.D\data.ms (-6008) (-)

