

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024641.D
 Acq On : 30 Mar 2023 14:04
 Operator : CG/JU
 Sample : SSTD0.283
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2245

Quant Time: Mar 30 15:26:47 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)

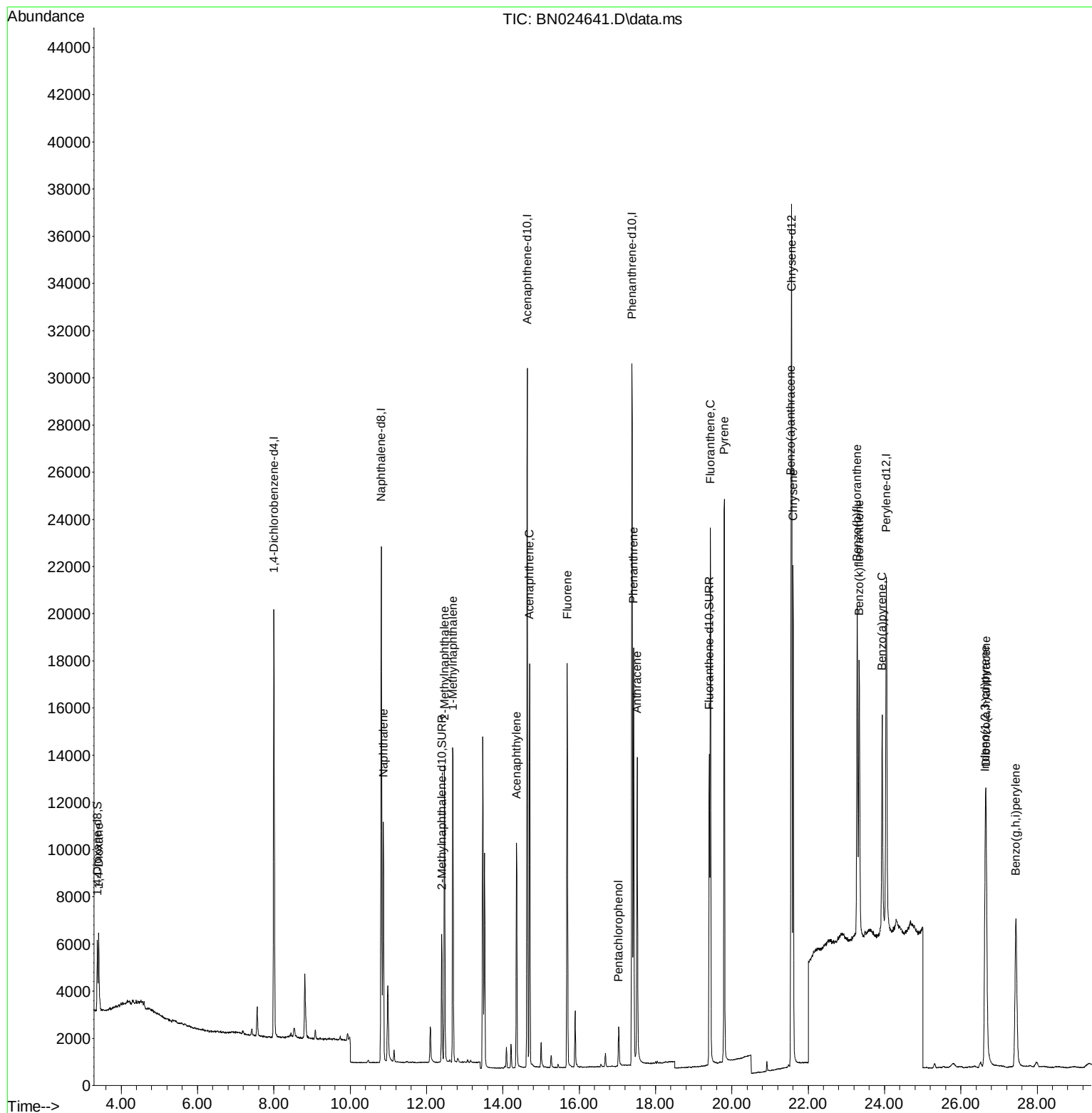
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	9677	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	28807	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	15984	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	34247	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	28768	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	22932	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	2077	0.195	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	7118	0.208	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	13961	0.182	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	2091	0.181	ng/ul#	90
5) Naphthalene	10.867	128	14247	0.198	ng/ul	100
7) 2-Methylnaphthalene	12.473	142	8754	0.201	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	9207	0.201	ng/ul	100
10) Acenaphthylene	14.361	152	11096	0.166	ng/ul	99
11) Acenaphthene	14.703	153	9783	0.190	ng/ul	99
12) Fluorene	15.684	166	11085	0.193	ng/ul	99
14) Pentachlorophenol	17.033	266	1267	0.133	ng/ul	99
15) Phenanthrene	17.426	178	18699	0.191	ng/ul	99
16) Anthracene	17.519	178	15221	0.177	ng/ul	98
19) Fluoranthene	19.441	202	19847	0.173	ng/ul	99
20) Pyrene	19.803	202	20465	0.176	ng/ul	98
21) Benzo(a)anthracene	21.551	228	16968	0.181	ng/ul	99
22) Chrysene	21.603	228	19105	0.193	ng/ul	99
24) Benzo(b)fluoranthene	23.284	252	18356	0.210	ng/ul	92
25) Benzo(k)fluoranthene	23.337	252	17783	0.196	ng/ul#	91
26) Benzo(a)pyrene	23.939	252	14498	0.192	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.640	276	17288	0.204	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.663	278	13811	0.214	ng/ul	95
29) Benzo(g,h,i)perylene	27.444	276	14950	0.203	ng/ul	99

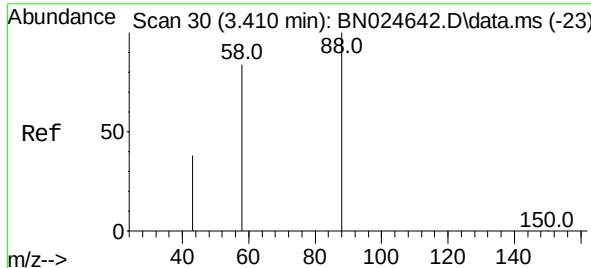
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dioxane

Concen: 0.181 ng/ul

RT: 3.410 min Scan#

Delta R.T. 0.000 min

Lab File: BN024641.D

Acq: 30 Mar 2023 14:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245

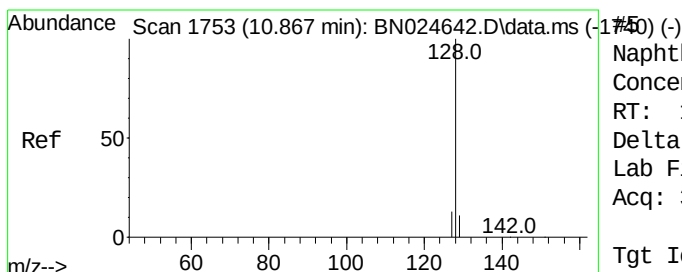
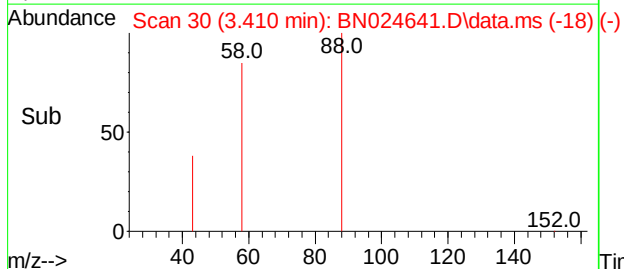
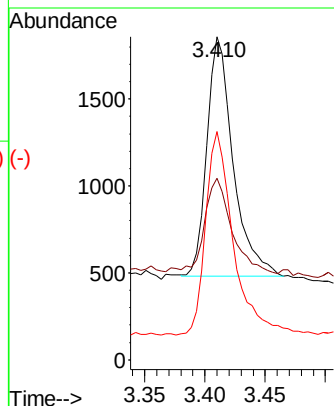
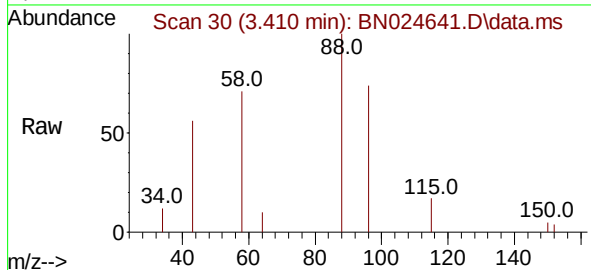
Tgt Ion: 88 Resp: 2091

Ion Ratio Lower Upper

88 100

43 56.2 37.2 55.8#

58 70.8 61.5 92.3



Naphthalene

Concen: 0.198 ng/ul

RT: 10.867 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BN024641.D

Acq: 30 Mar 2023 14:04

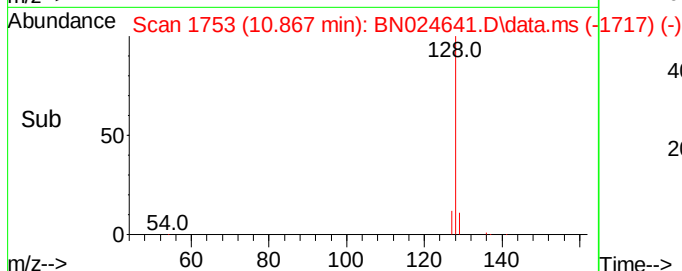
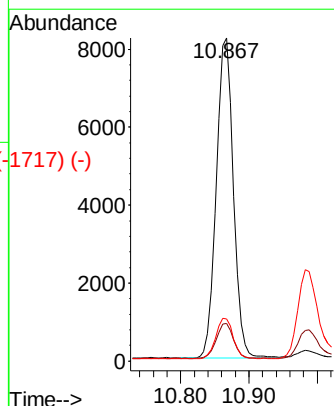
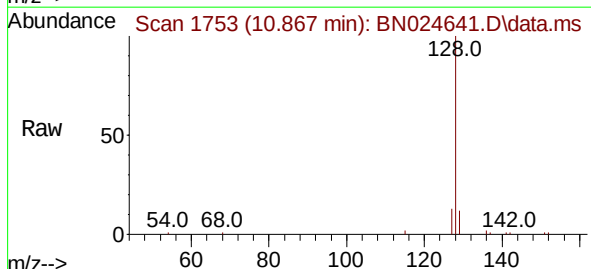
Tgt Ion: 128 Resp: 14247

Ion Ratio Lower Upper

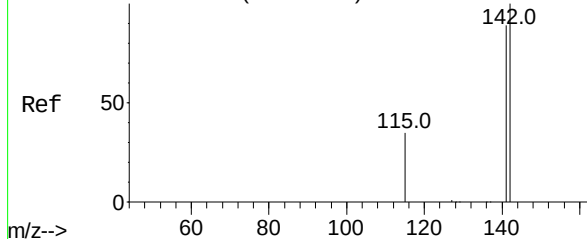
128 100

129 11.6 9.0 13.6

127 13.1 10.5 15.7



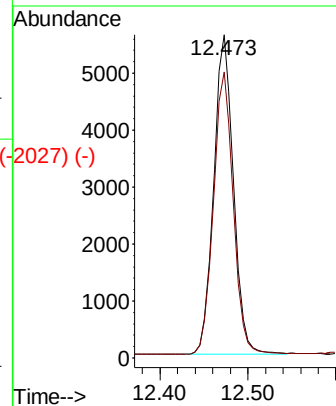
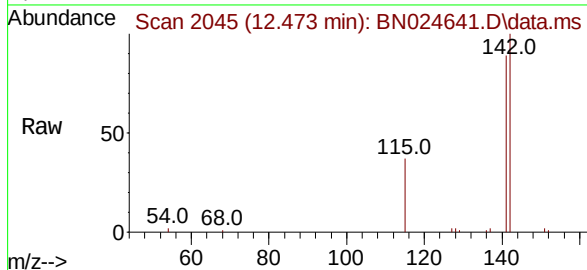
Abundance Scan 2045 (12.473 min): BN024642.D\data.ms (-2037) (-)



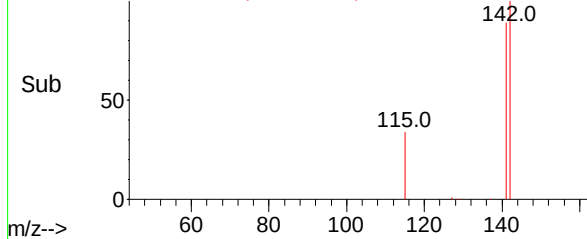
2-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.473 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

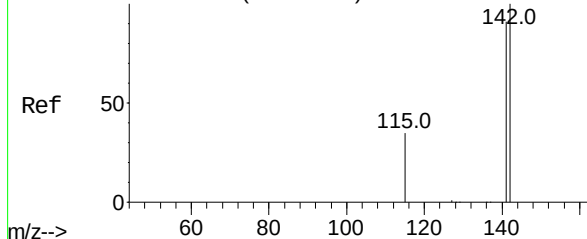
Tgt Ion:142 Resp: 8754
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



Abundance Scan 2045 (12.473 min): BN024641.D\data.ms (-2027) (-)

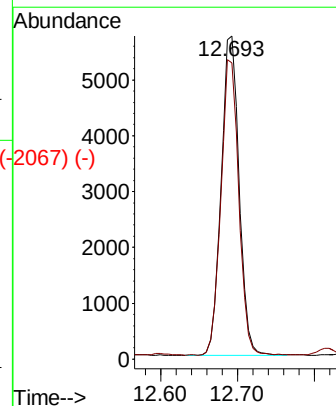
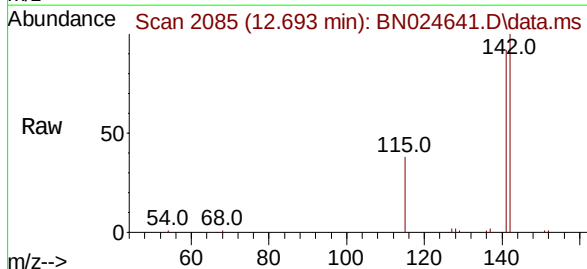


Abundance Scan 2085 (12.693 min): BN024642.D\data.ms (-2078) (-)

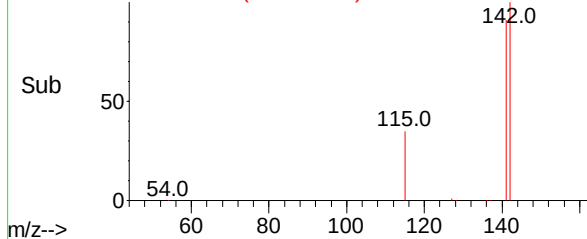


1-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.693 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

Tgt Ion:142 Resp: 9207
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3



Abundance Scan 2085 (12.693 min): BN024641.D\data.ms (-2067) (-)



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

Acenaphthylene

Concen: 0.166 ng/ul

RT: 14.361 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BN024641.D

Acq: 30 Mar 2023 14:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245

Tgt Ion:152 Resp: 11096

Ion Ratio Lower Upper

152 100

151 21.0 16.1 24.1

153 13.5 10.6 16.0

Abundance Scan 2421 (14.361 min): BN024641.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 2421 (14.361 min): BN024641.D\data.ms (-2378) (-)

Sub 50

152.0

160.0 166.0

m/z-->

Abundance

14.361

6000

4000

2000

0

Time-->

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

Acenaphthene

Concen: 0.190 ng/ul

RT: 14.703 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BN024641.D

Acq: 30 Mar 2023 14:04

Tgt Ion:153 Resp: 9783

Ion Ratio Lower Upper

153 100

152 49.5 40.3 60.5

154 88.8 71.0 106.4

Abundance Scan 2495 (14.703 min): BN024641.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 2495 (14.703 min): BN024641.D\data.ms (-2452) (-)

Sub 50

153.0

160.0 165.0

m/z-->

Abundance

14.703

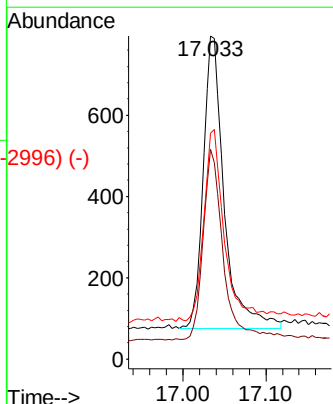
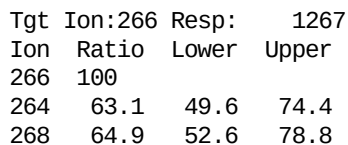
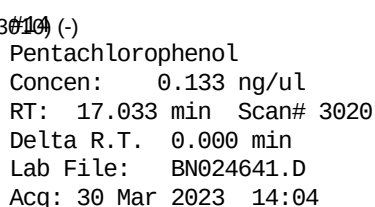
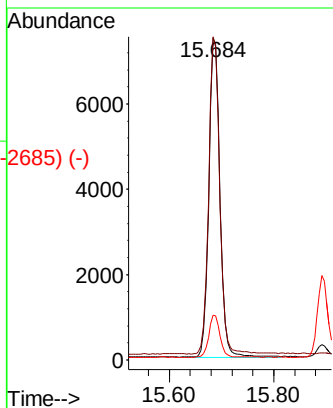
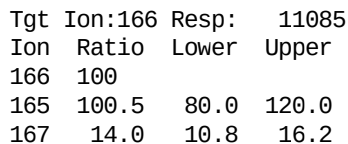
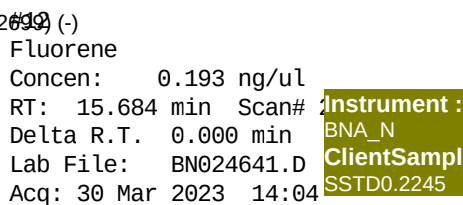
6000

4000

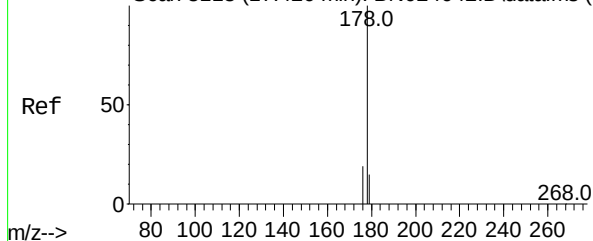
2000

0

Time-->



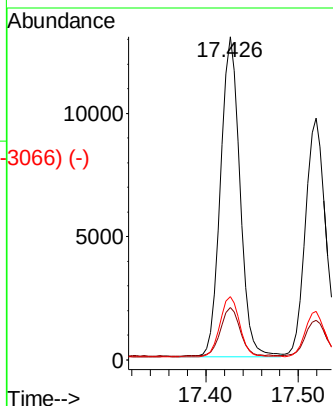
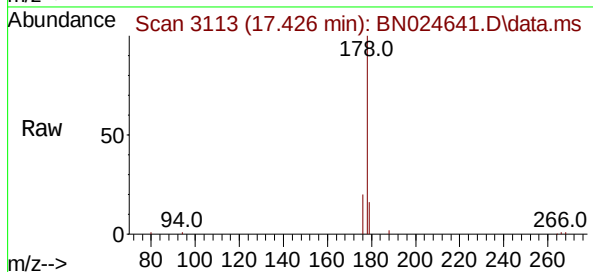
Abundance Scan 3113 (17.426 min): BN024642.D\data.ms (-3105) (-)



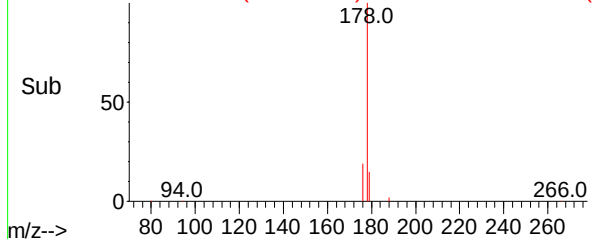
Phenanthrene
Concen: 0.191 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

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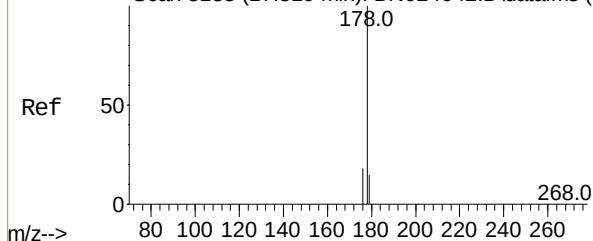
Tgt Ion:	178	Resp:	18699
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.6	15.5	23.3



Abundance Scan 3113 (17.426 min): BN024641.D\data.ms (-3066) (-)

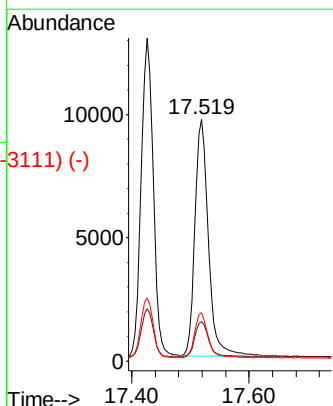
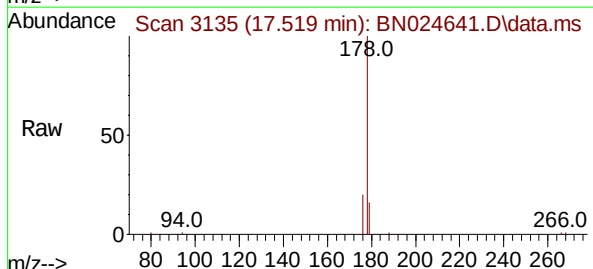


Abundance Scan 3135 (17.519 min): BN024642.D\data.ms (-3126) (-)

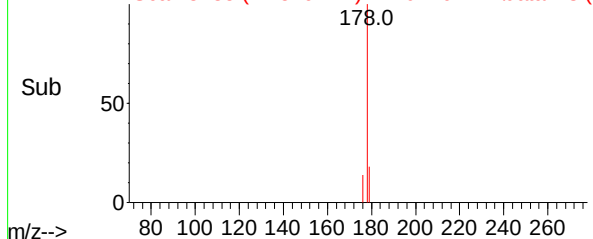


Anthracene
Concen: 0.177 ng/ul
RT: 17.519 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

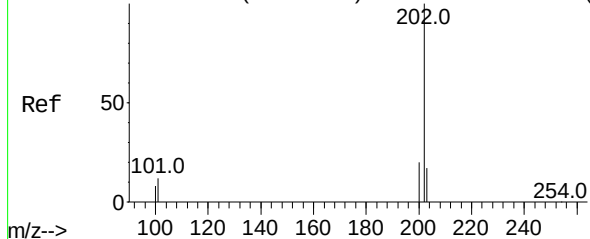
Tgt Ion:	178	Resp:	15221
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	20.1	15.2	22.8



Abundance Scan 3135 (17.519 min): BN024641.D\data.ms (-3111) (-)



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



Fluoranthene

Concen: 0.173 ng/ul

RT: 19.441 min Scan#

Delta R.T. 0.000 min

Lab File: BN024641.D

Acq: 30 Mar 2023 14:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245

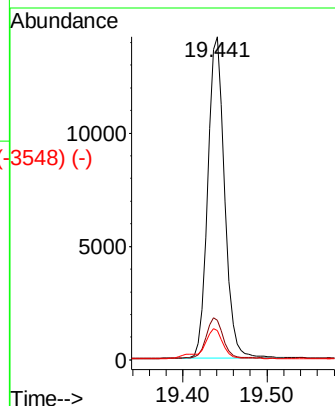
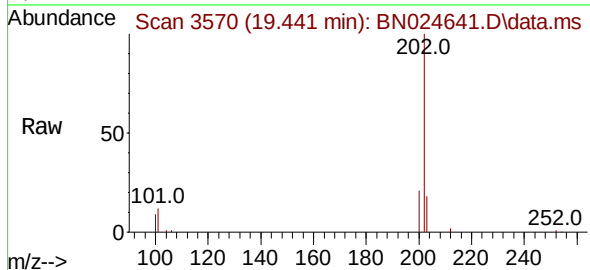
Tgt Ion:202 Resp: 19847

Ion Ratio Lower Upper

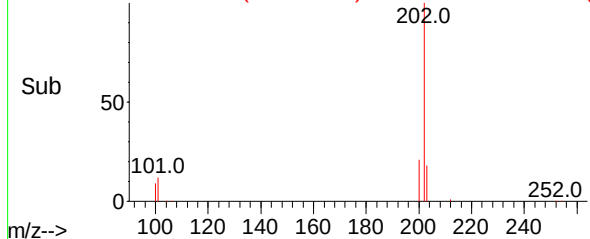
202 100

101 12.3 9.6 14.4

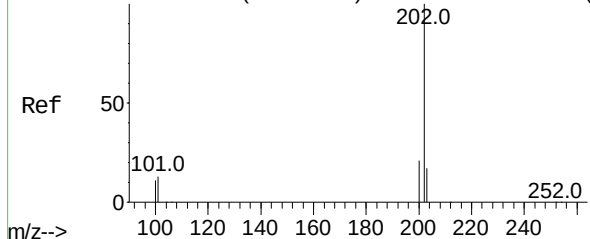
100 9.1 7.0 10.6



Abundance Scan 3570 (19.441 min): BN024641.D\data.ms (-3548) (-)



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



Pyrene

Concen: 0.176 ng/ul

RT: 19.803 min Scan# 3648

Delta R.T. 0.000 min

Lab File: BN024641.D

Acq: 30 Mar 2023 14:04

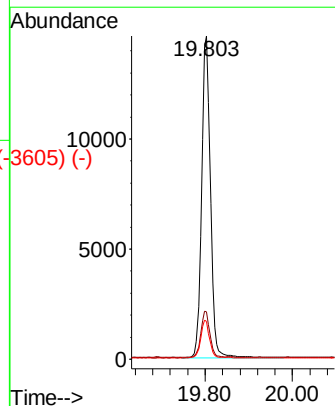
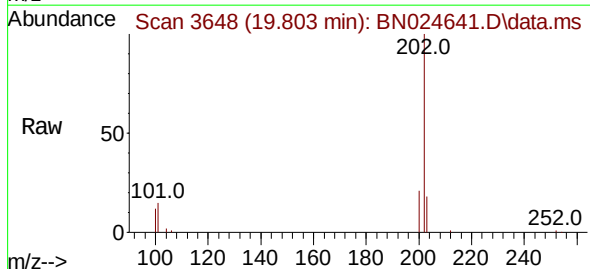
Tgt Ion:202 Resp: 20465

Ion Ratio Lower Upper

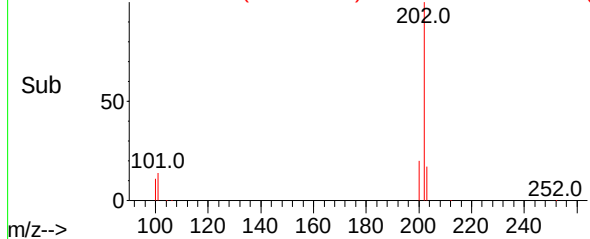
202 100

101 14.6 10.9 16.3

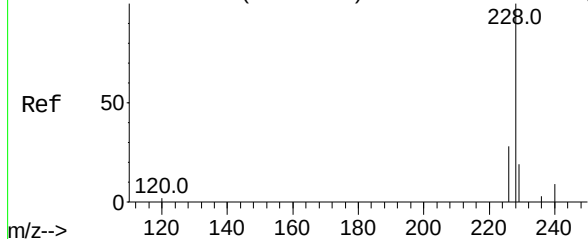
100 11.6 8.7 13.1



Abundance Scan 3648 (19.803 min): BN024641.D\data.ms (-3605) (-)



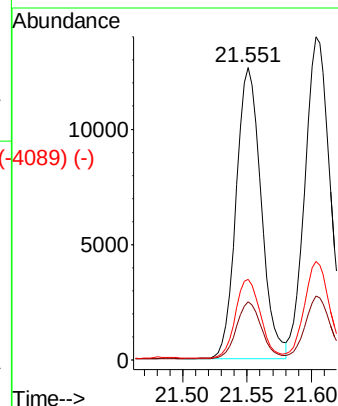
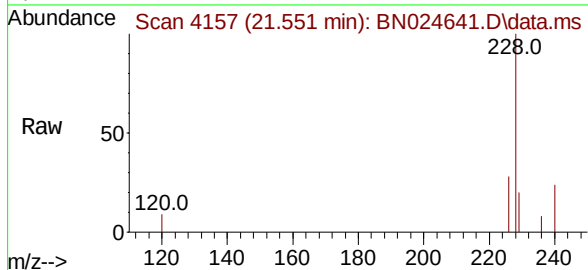
Abundance Scan 4158 (21.554 min): BN024642.D\data.ms (-4124) (-)



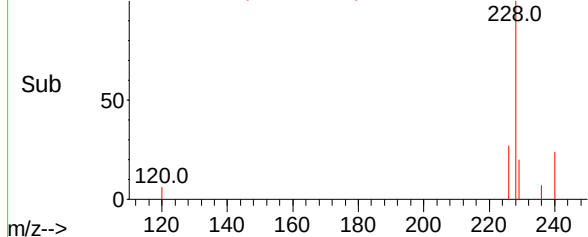
Benzo(a)anthracene
Concen: 0.181 ng/ul
RT: 21.551 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

Instrument :
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ClientSampleId :
SSTD0.2245

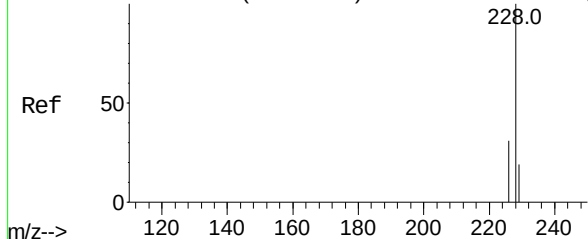
Tgt Ion:	228	Resp:	16968
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	27.5	22.5	33.7



Abundance Scan 4157 (21.551 min): BN024641.D\data.ms (-4089) (-)

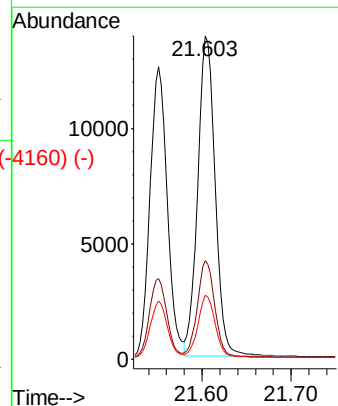
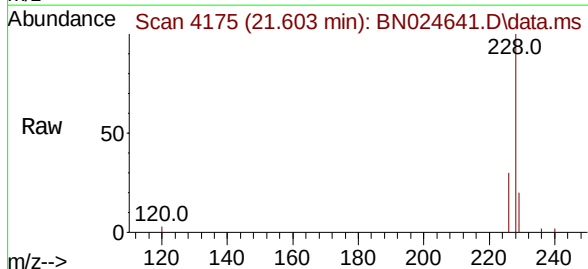


Abundance Scan 4177 (21.609 min): BN024642.D\data.ms (-4123) (-)

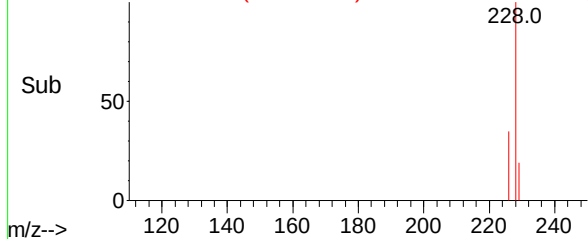


Chrysene
Concen: 0.193 ng/ul
RT: 21.603 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

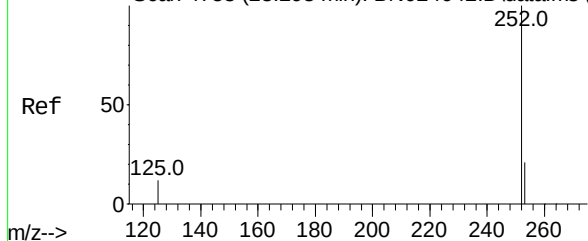
Tgt Ion:	228	Resp:	19105
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.7	15.6	23.4



Abundance Scan 4175 (21.603 min): BN024641.D\data.ms (-4160) (-)



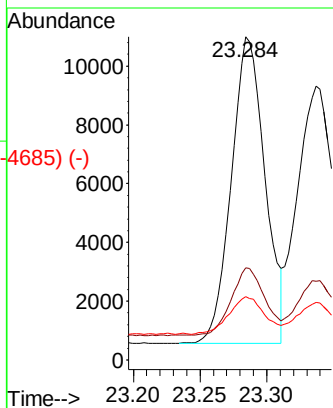
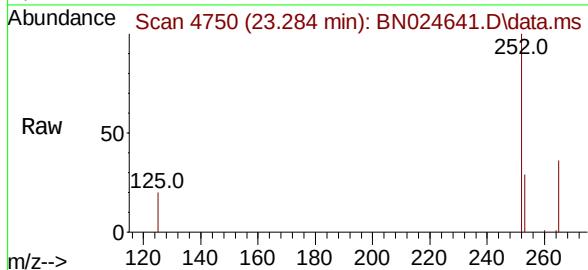
Abundance Scan 4753 (23.293 min): BN024642.D\data.ms (-4725) (-)



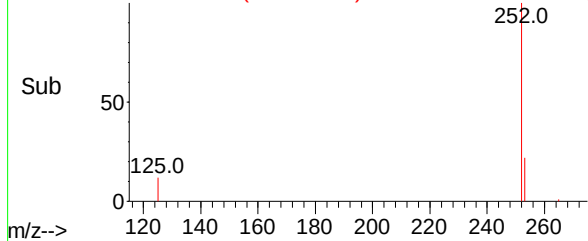
Benzo(b)fluoranthene
Concen: 0.210 ng/ul
RT: 23.284 min Scan# 4725
Delta R.T. -0.009 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

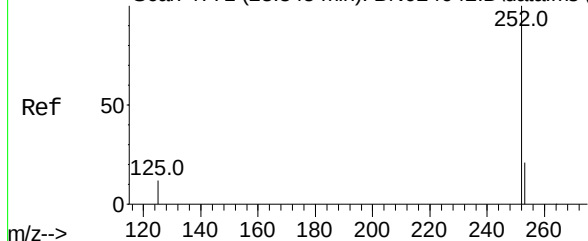
Tgt Ion:	252	Resp:	18356
Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	49.6
125	19.5	0.0	32.4



Abundance Scan 4750 (23.284 min): BN024641.D\data.ms (-4685) (-)

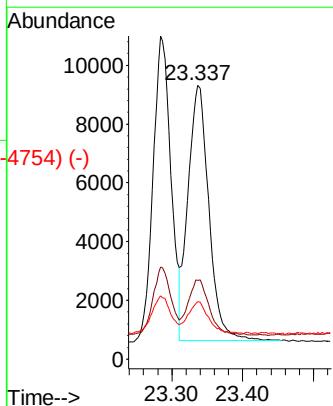
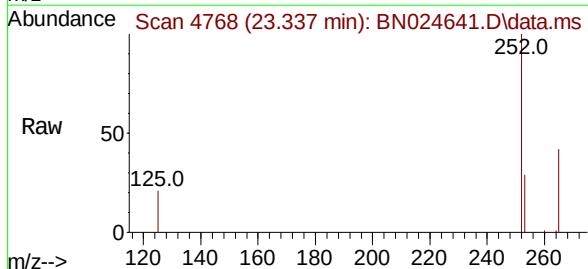


Abundance Scan 4771 (23.345 min): BN024642.D\data.ms (-4725) (-)

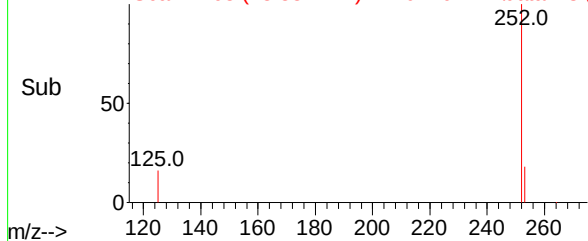


Benzo(k)fluoranthene
Concen: 0.196 ng/ul
RT: 23.337 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

Tgt Ion:	252	Resp:	17783
Ion	Ratio	Lower	Upper
252	100		
253	28.8	20.2	30.2
125	21.0	13.1	19.7#



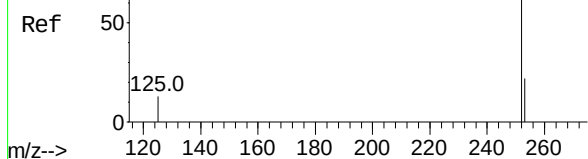
Abundance Scan 4768 (23.337 min): BN024641.D\data.ms (-4754) (-)



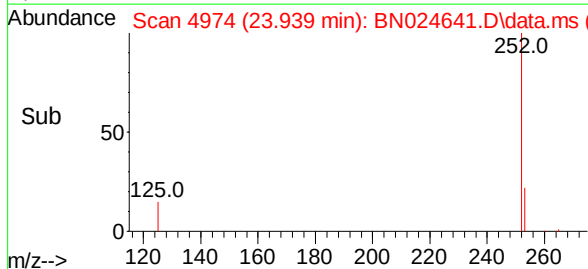
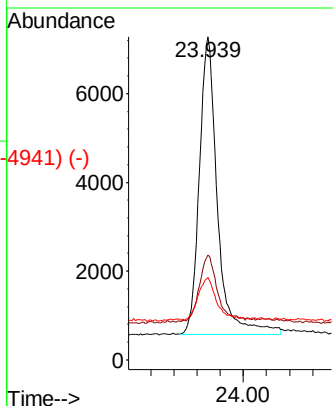
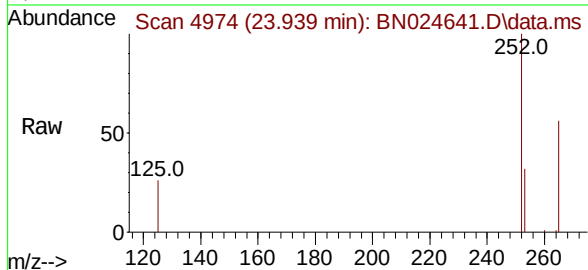
Abundance Scan 4975 (23.942 min): BN024642.D\data.ms (-4926) (-)

Benzo(a)pyrene
Concen: 0.192 ng/ul
RT: 23.939 min Scan# 4926
Delta R.T. -0.003 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245



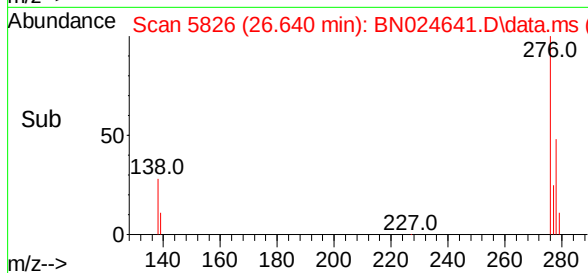
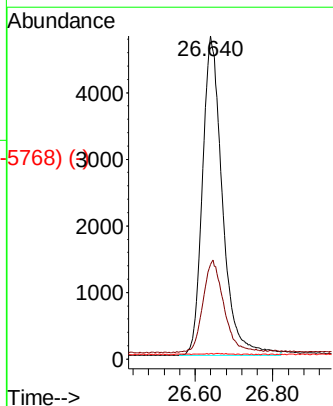
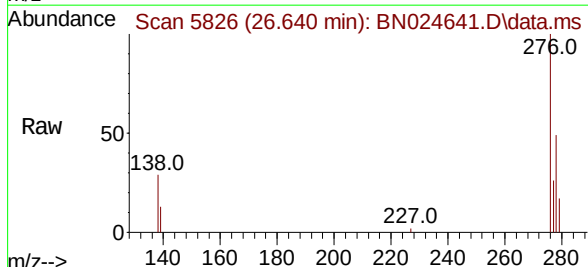
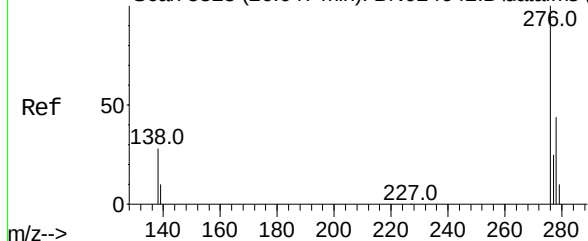
Tgt Ion:	252	Resp:	14498
Ion Ratio	Lower	Upper	
252	100		
253	32.4	21.8	32.8
125	25.5	15.4	23.0#



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

Indeno(1,2,3-cd)pyrene
Concen: 0.204 ng/ul
RT: 26.640 min Scan# 5826
Delta R.T. -0.007 min
Lab File: BN024641.D
Acq: 30 Mar 2023 14:04

Tgt Ion:	276	Resp:	17288
Ion Ratio	Lower	Upper	
276	100		
138	30.1	24.6	36.8
227	0.1	0.1	0.1#



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

Dibenzo(a,h)anthracene

Concen: 0.214 ng/ul

RT: 26.663 min Scan# 5833

Delta R.T. -0.010 min

Lab File: BN024641.D

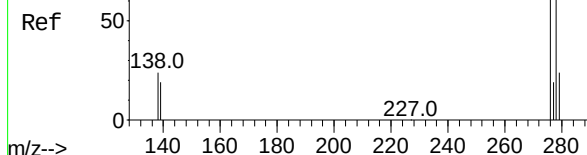
Acq: 30 Mar 2023 14:04

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245



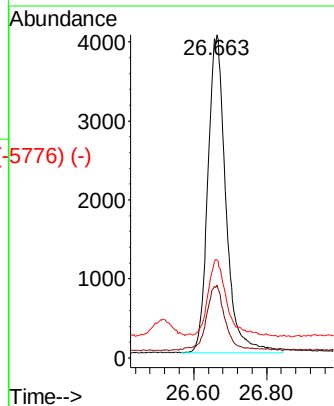
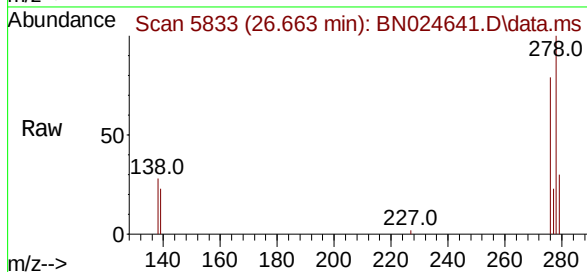
Tgt Ion:278 Resp: 13811

Ion Ratio Lower Upper

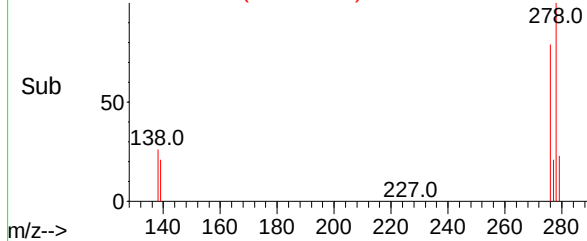
278 100

139 22.6 16.5 24.7

279 30.2 21.8 32.8



Abundance Scan 5833 (26.663 min): BN024641.D\data.ms (-5776) (-)



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

Benzo(g,h,i)perylene

Concen: 0.203 ng/ul

RT: 27.444 min Scan# 6066

Delta R.T. -0.007 min

Lab File: BN024641.D

Acq: 30 Mar 2023 14:04

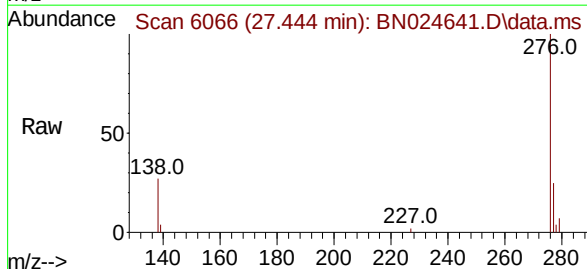
Tgt Ion:276 Resp: 14950

Ion Ratio Lower Upper

276 100

138 26.6 21.4 32.2

277 25.0 19.8 29.6



Abundance Scan 6066 (27.444 min): BN024641.D\data.ms (-6008) (-)

