

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024443.D
 Acq On : 21 Mar 2023 11:27
 Operator : CG/JU
 Sample : PB151525BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 17:38:02 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 02:42:36 2023
 Response via : Initial Calibration

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

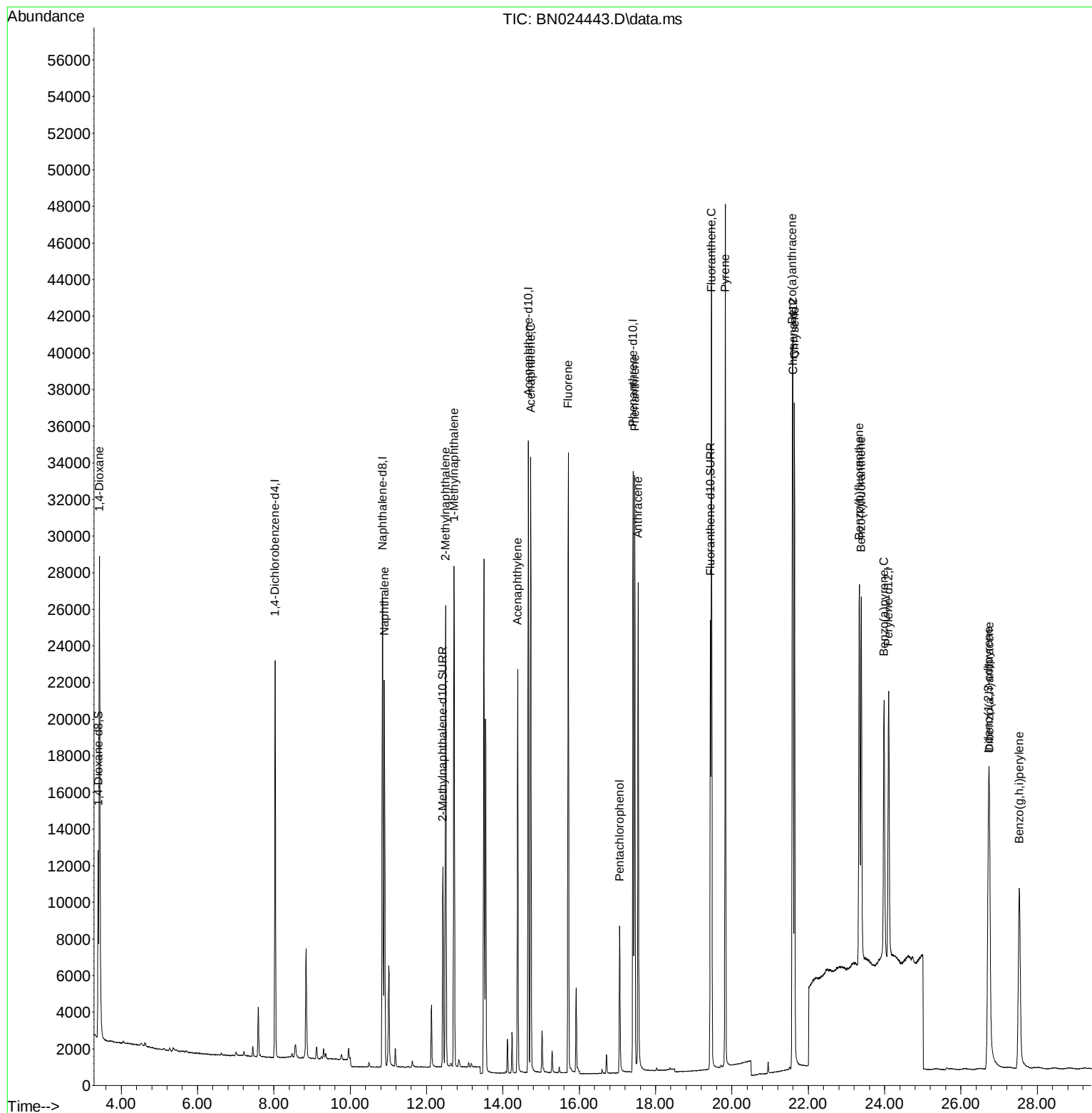
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	11152	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	34349	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	18481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	37685	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	28862	0.400	ng/ul	0.00
23) Perylene-d12	24.106	264	22747	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	7044	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	13755	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	26302	0.342	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	18766	1.406	ng/ul	90
5) Naphthalene	10.894	128	29060	0.339	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	17766	0.342	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	18630	0.341	ng/ul	99
10) Acenaphthylene	14.388	152	25101	0.326	ng/ul	100
11) Acenaphthene	14.731	153	19262	0.324	ng/ul	98
12) Fluorene	15.711	166	21200	0.320	ng/ul	98
14) Pentachlorophenol	17.059	266	5613	0.536	ng/ul#	73
15) Phenanthrene	17.451	178	34617	0.321	ng/ul	100
16) Anthracene	17.544	178	30096	0.318	ng/ul	99
19) Fluoranthene	19.464	202	38094	0.332	ng/ul	99
20) Pyrene	19.827	202	38766	0.333	ng/ul	99
21) Benzo(a)anthracene	21.583	228	31211	0.331	ng/ul	99
22) Chrysene	21.638	228	32929	0.331	ng/ul	99
24) Benzo(b)fluoranthene	23.337	252	30692	0.353	ng/ul	95
25) Benzo(k)fluoranthene	23.386	252	29452	0.327	ng/ul	95
26) Benzo(a)pyrene	23.986	252	24999	0.334	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.720	276	27524	0.327	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.747	278	21025	0.329	ng/ul	96
29) Benzo(g,h,i)perylene	27.528	276	24413	0.334	ng/ul	98

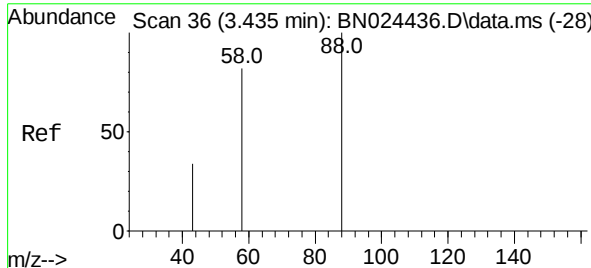
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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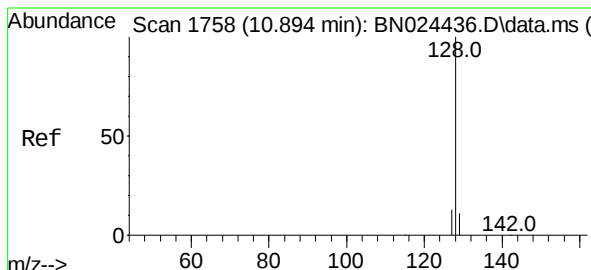
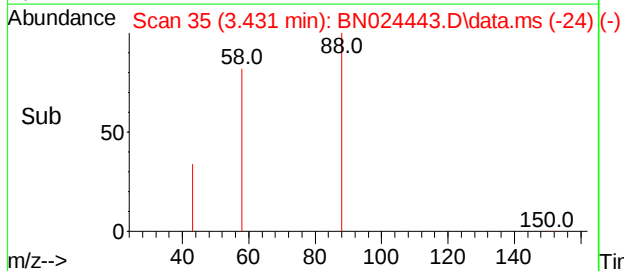
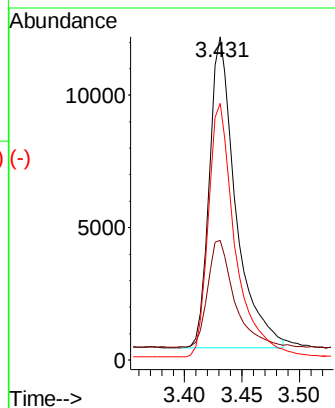
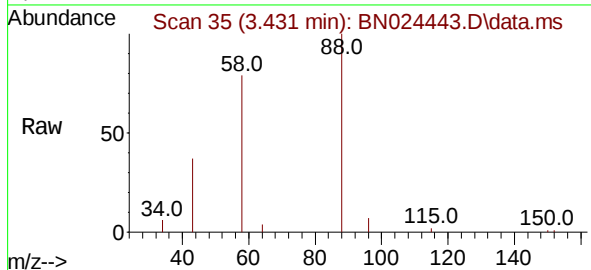




1,4-Dioxane
 Concen: 1.406 ng/ul
 RT: 3.431 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: BN024443.D
 Acq: 21 Mar 2023 11:27

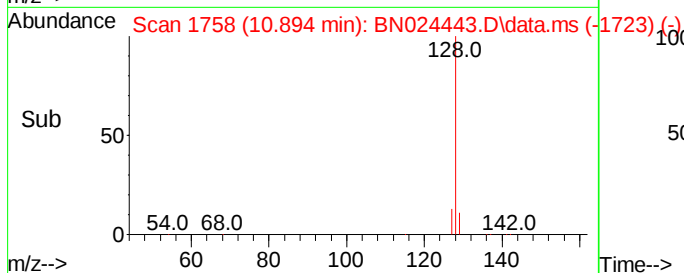
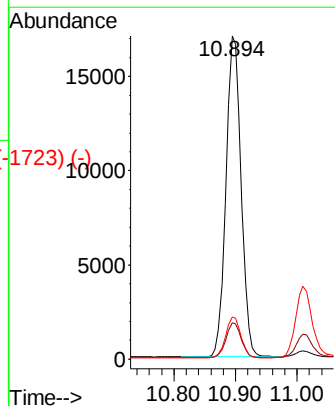
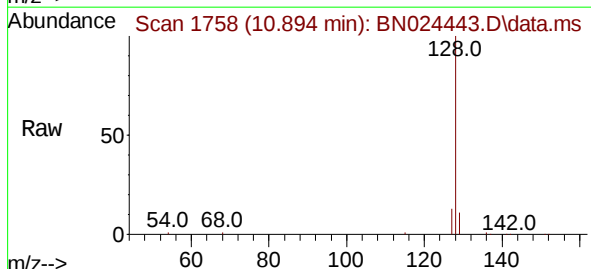
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 88 Resp: 18766
 Ion Ratio Lower Upper
 88 100
 43 37.1 32.1 48.1
 58 79.4 55.1 82.7

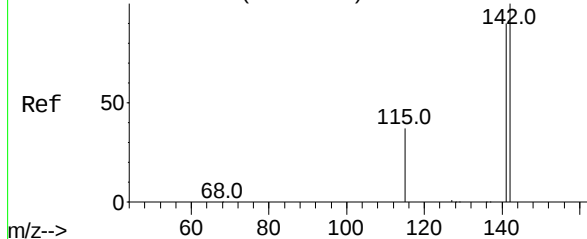


Naphthalene
 Concen: 0.339 ng/ul
 RT: 10.894 min Scan# 1758
 Delta R.T. -0.005 min
 Lab File: BN024443.D
 Acq: 21 Mar 2023 11:27

Tgt Ion: 128 Resp: 29060
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.1 10.5 15.7



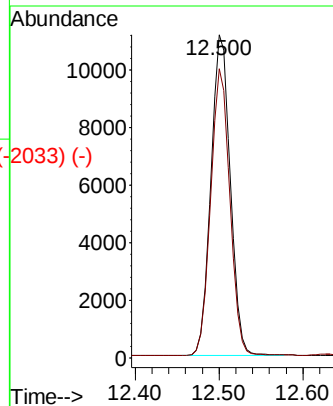
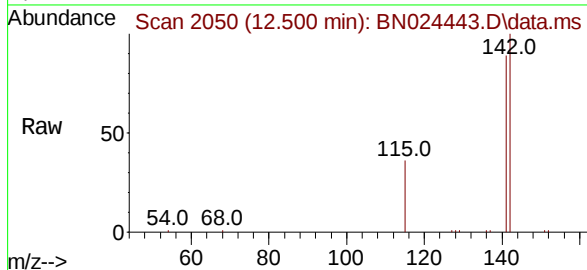
Abundance Scan 2050 (12.500 min): BN024436.D\data.ms (-2072) (-)



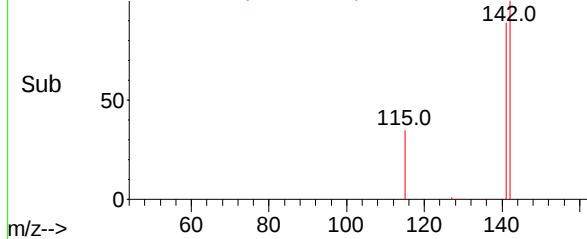
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Instrument :
BNA_N
ClientSampleId :

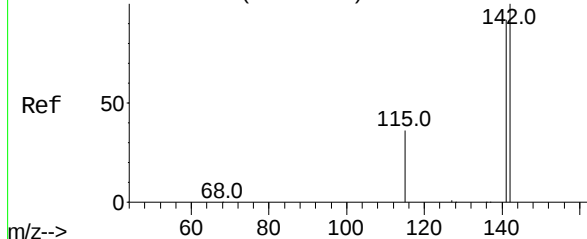
Tgt Ion:142 Resp: 17766
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5



Abundance Scan 2050 (12.500 min): BN024443.D\data.ms (-2033) (-)

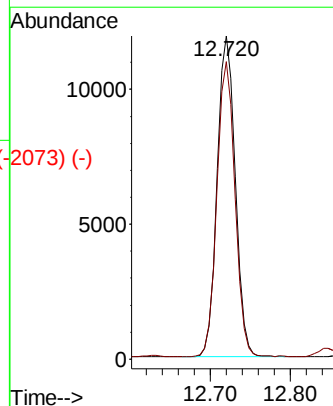
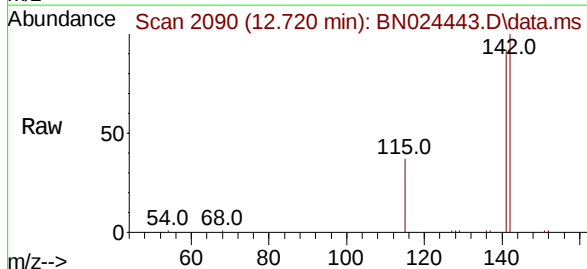


Abundance Scan 2090 (12.720 min): BN024436.D\data.ms (-2068) (-)

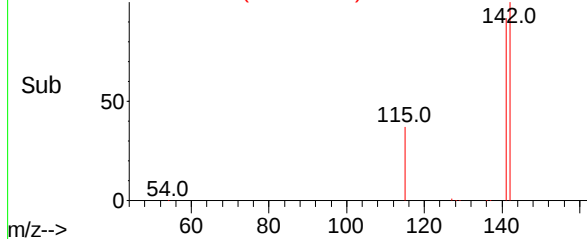


1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:142 Resp: 18630
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.6



Abundance Scan 2090 (12.720 min): BN024443.D\data.ms (-2073) (-)



Abundance Scan 2427 (14.388 min): BN024436.D\data.ms (-2412) (-)

Acenaphthylene

Concen: 0.326 ng/ul

RT: 14.388 min Scan# 2412

Delta R.T. -0.005 min

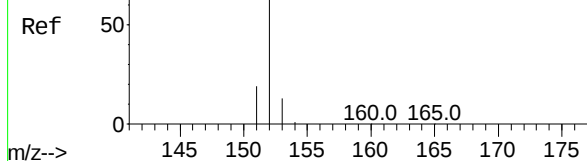
Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

Instrument :

BNA_N

ClientSampleId :



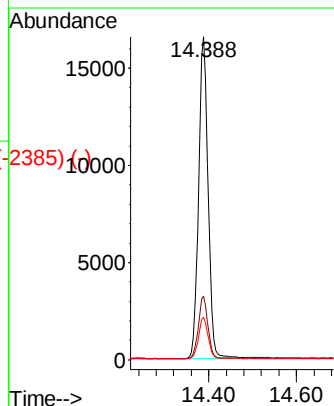
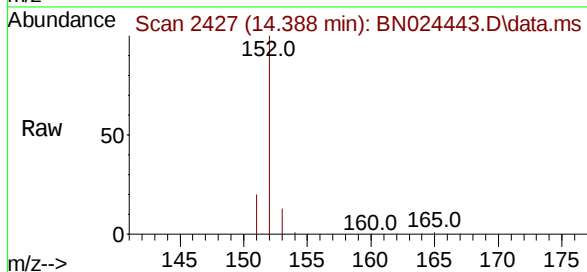
Tgt Ion:152 Resp: 25101

Ion Ratio Lower Upper

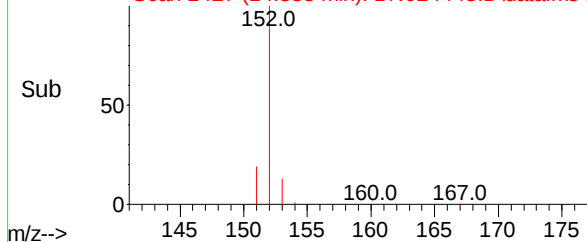
152 100

151 19.8 15.9 23.9

153 13.3 10.6 16.0



Abundance Scan 2427 (14.388 min): BN024443.D\data.ms (-2385) (-)



Abundance Scan 2501 (14.731 min): BN024436.D\data.ms (-2419) (-)

Acenaphthene

Concen: 0.324 ng/ul

RT: 14.731 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

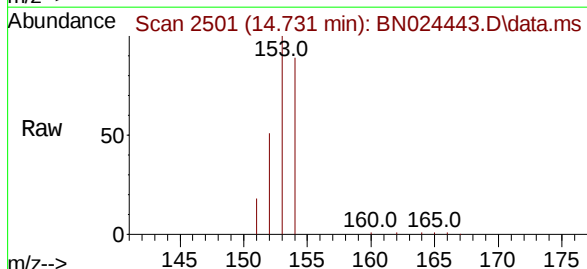
Tgt Ion:153 Resp: 19262

Ion Ratio Lower Upper

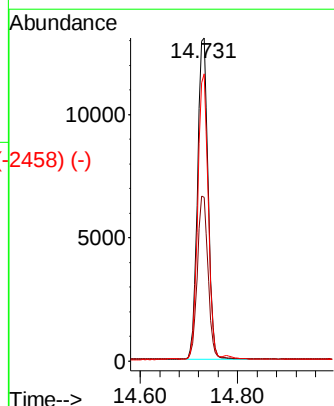
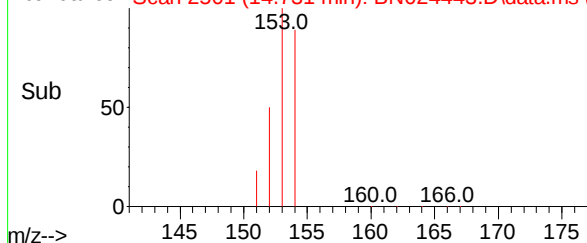
153 100

152 50.7 42.6 64.0

154 89.0 70.6 105.8



Abundance Scan 2501 (14.731 min): BN024443.D\data.ms (-2458) (-)



Abundance Scan 2713 (15.711 min): BN024436.D\data.ms (-2713) (-)

Fluorene

Concen: 0.320 ng/ul

RT: 15.711 min Scan# 2713

Delta R.T. -0.005 min

Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

Instrument :

BNA_N

ClientSampleId :

Ref

Abundance Scan 2713 (15.711 min): BN024443.D\data.ms

Raw

Sub

m/z-->

Abundance Scan 2713 (15.711 min): BN024443.D\data.ms (-2692) (-)

Raw

Sub

m/z-->

Abundance Scan 2713 (15.711 min): BN024443.D\data.ms (-2692) (-)

Raw

Sub

m/z-->

Tgt Ion:166 Resp: 21200

Ion Ratio Lower Upper

166 100

165 98.6 77.4 116.0

167 13.7 10.9 16.3

Abundance

15.711

10000

5000

0

Time-->

Abundance Scan 3026 (17.059 min): BN024436.D\data.ms (-3016) (-)

Pentachlorophenol

Concen: 0.536 ng/ul

RT: 17.059 min Scan# 3026

Delta R.T. -0.004 min

Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

Tgt Ion:266 Resp: 5613

Ion Ratio Lower Upper

266 100

264 62.8 0.0 0.0#

268 63.6 0.1 0.1#

Ref

Abundance Scan 3026 (17.059 min): BN024443.D\data.ms

Raw

Sub

m/z-->

Abundance Scan 3026 (17.059 min): BN024443.D\data.ms (-3003) (-)

Raw

Sub

m/z-->

Abundance

17.059

3000

2000

1000

0

Time-->

Abundance Scan 3119 (17.451 min): BN024436.D\data.ms (-3105) (-)

Phenanthrene

Concen: 0.321 ng/ul

RT: 17.451 min Scan# 3119

Delta R.T. -0.004 min

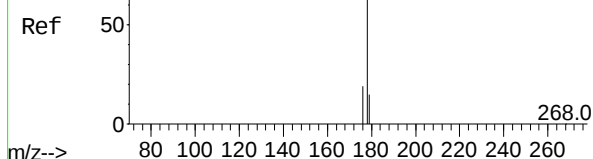
Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

Instrument :

BNA_N

ClientSampleId :



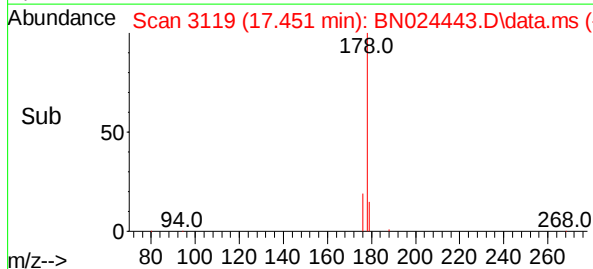
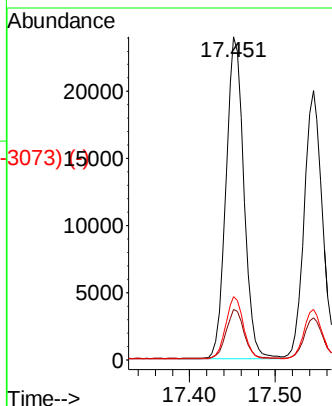
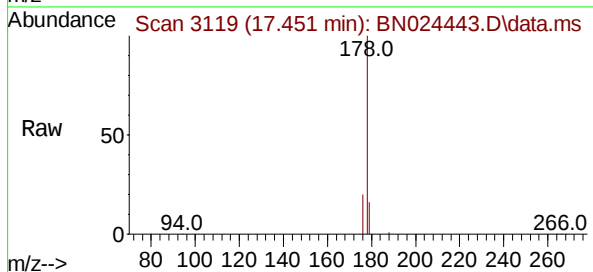
Tgt Ion:178 Resp: 34617

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.5 15.7 23.5



Abundance Scan 3141 (17.544 min): BN024436.D\data.ms (-3118) (-)

Anthracene

Concen: 0.318 ng/ul

RT: 17.544 min Scan# 3141

Delta R.T. -0.004 min

Lab File: BN024443.D

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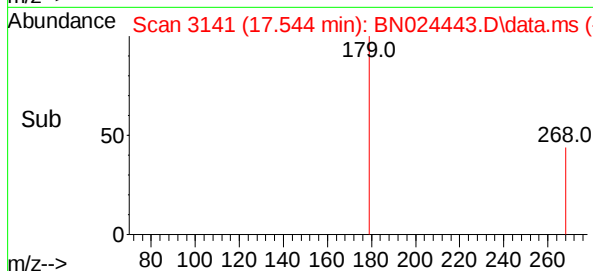
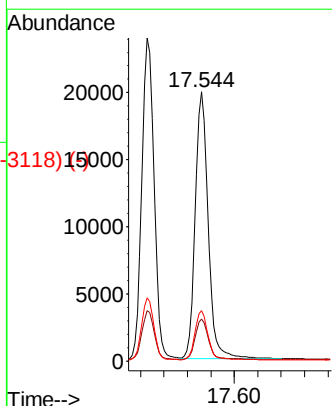
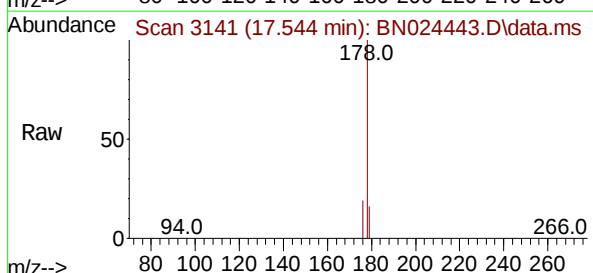
Tgt Ion:178 Resp: 30096

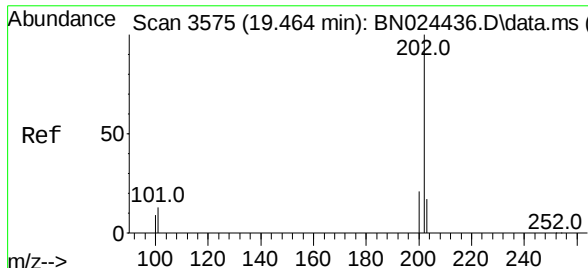
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.8 15.3 22.9

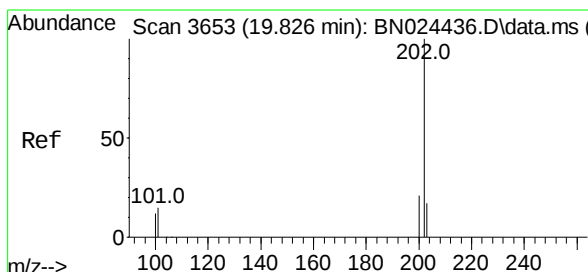
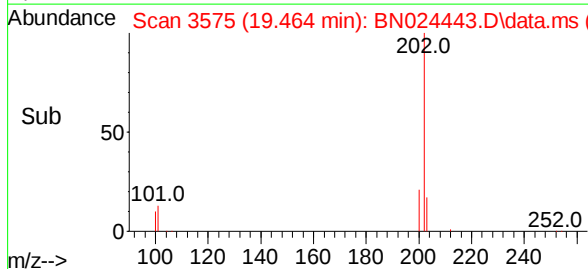
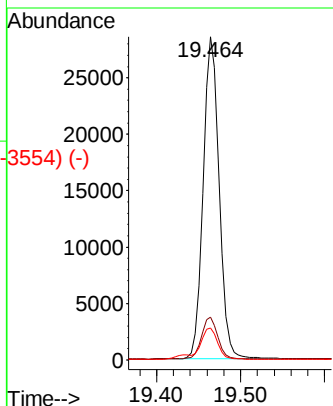
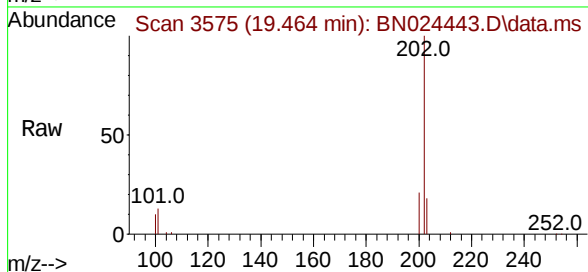




Scan 3575 (19.464 min): BN024436.D\data.ms (-3519) (-)
 Fluoranthene
 Concen: 0.332 ng/ul
 RT: 19.464 min Scan# 3575
 Delta R.T. -0.005 min
 Lab File: BN024443.D
 Acq: 21 Mar 2023 11:27

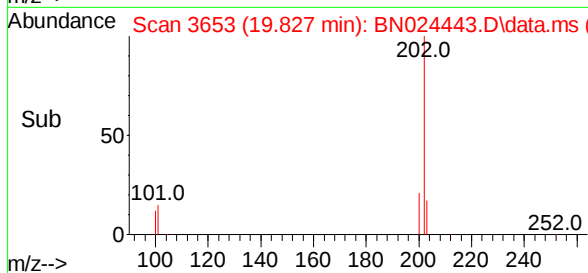
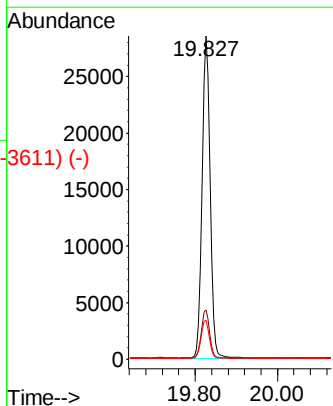
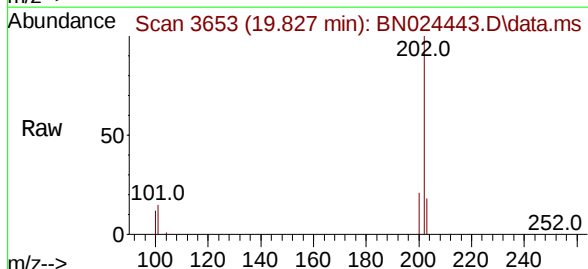
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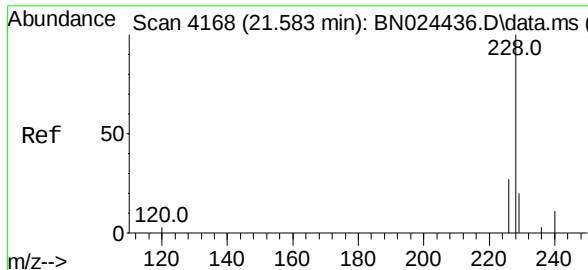
Tgt Ion:	202	Resp:	38094
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.4	15.6
100	9.8	7.7	11.5



Scan 3653 (19.827 min): BN024436.D\data.ms (-3620) (-)
 Pyrene
 Concen: 0.333 ng/ul
 RT: 19.827 min Scan# 3653
 Delta R.T. -0.005 min
 Lab File: BN024443.D
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Tgt Ion:	202	Resp:	38766
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.1	18.1
100	12.1	9.4	14.0

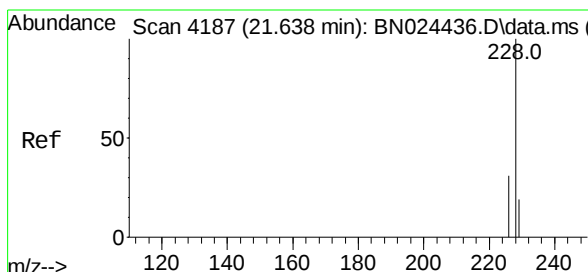
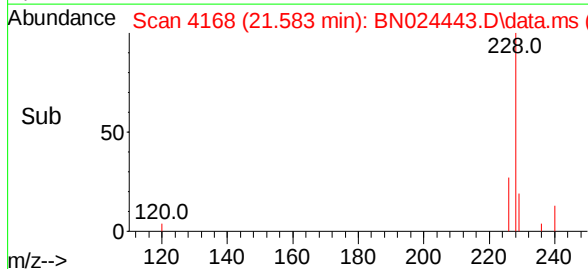
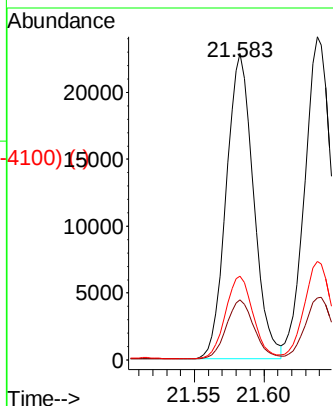
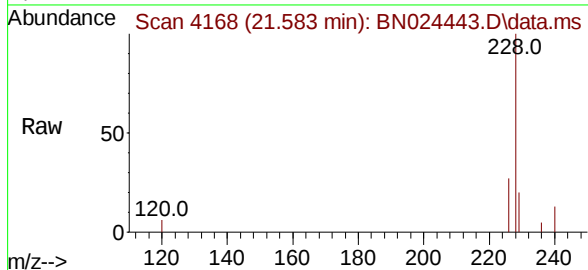




Scan 4168 (21.583 min): BN024436.D\data.ms (-4124) (-)
 Benzo(a)anthracene
 Concen: 0.331 ng/ul
 RT: 21.583 min Scan# 4168
 Delta R.T. 0.000 min
 Lab File: BN024443.D
 Acq: 21 Mar 2023 11:27

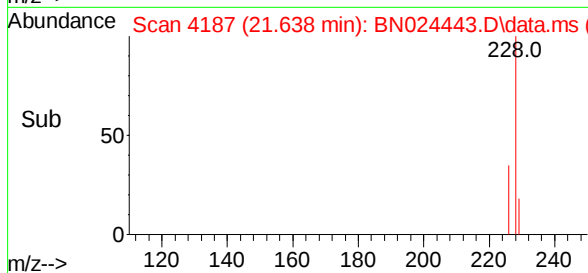
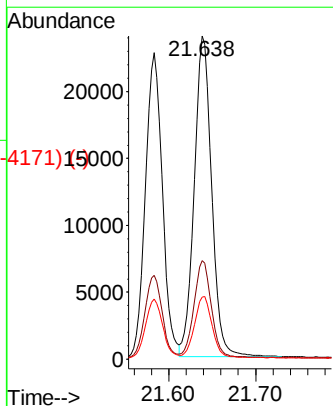
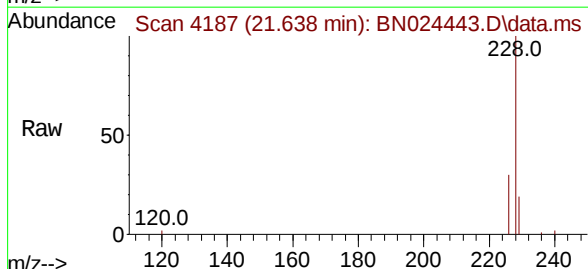
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	228	Resp:	31211
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	27.3	22.2	33.4



Scan 4187 (21.638 min): BN024436.D\data.ms (-4129) (-)
 Chrysene
 Concen: 0.331 ng/ul
 RT: 21.638 min Scan# 4187
 Delta R.T. -0.003 min
 Lab File: BN024443.D
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Tgt Ion:	228	Resp:	32929
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	19.2	15.8	23.6



Abundance Scan 4767 (23.334 min): BN024436.D\data.ms (-4724) (-)

Benzo(b)fluoranthene

Concen: 0.353 ng/u1

RT: 23.337 min Scan# 4767

Delta R.T. -0.003 min

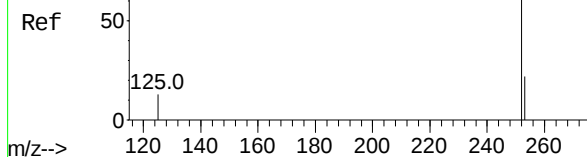
Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

Instrument :

BNA_N

ClientSampleId :



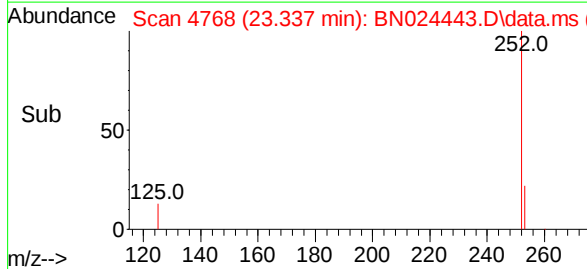
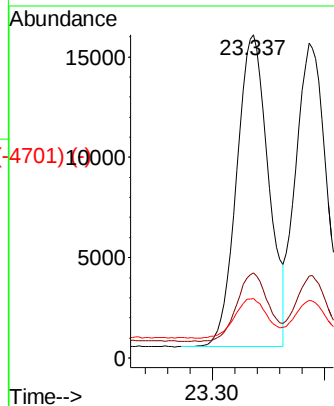
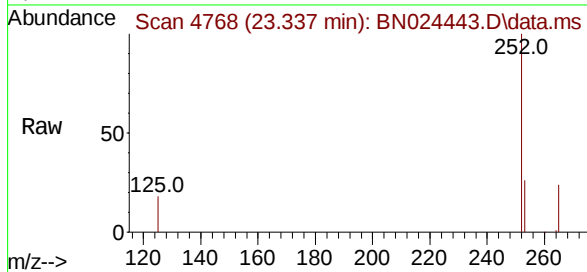
Tgt Ion:252 Resp: 30692

Ion Ratio Lower Upper

252 100

253 26.3 0.0 46.2

125 18.4 0.0 34.0



Abundance Scan 4785 (23.386 min): BN024436.D\data.ms (-4725) (-)

Benzo(k)fluoranthene

Concen: 0.327 ng/u1

RT: 23.386 min Scan# 4785

Delta R.T. -0.006 min

Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

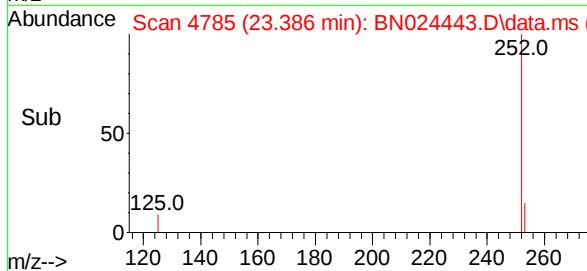
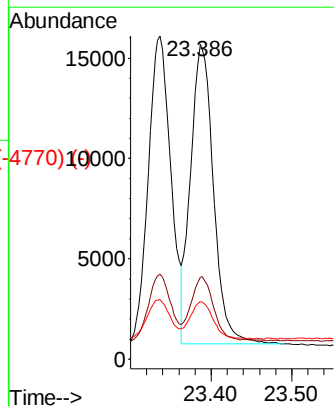
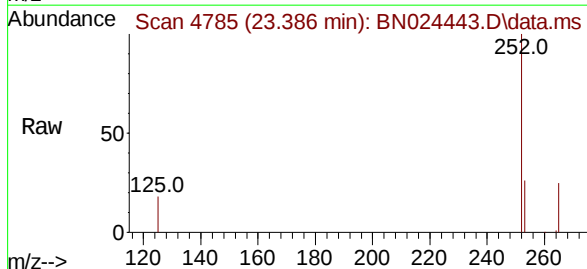
Tgt Ion:252 Resp: 29452

Ion Ratio Lower Upper

252 100

253 25.9 18.5 27.7

125 18.3 13.2 19.8



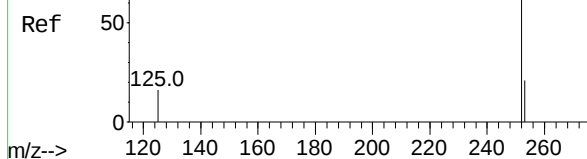
Abundance Scan 4989 (23.983 min): BN024436.D\data.ms (-4926) (-)

Benzo(a)pyrene
Concen: 0.334 ng/u1
RT: 23.986 min Scan# 4926
Delta R.T. -0.003 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

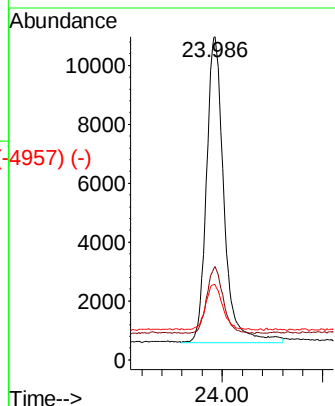
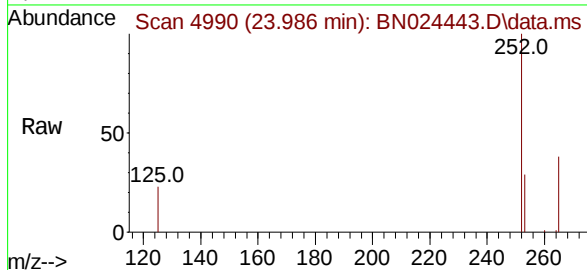
Instrument :

BN024443.D

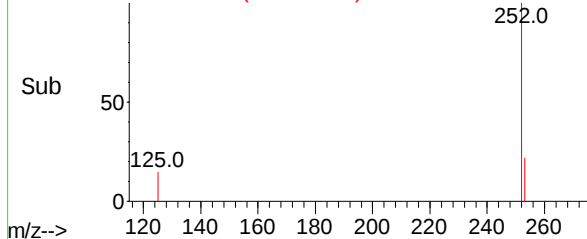
ClientSampleId :



Tgt Ion:	252	Resp:	24999
Ion Ratio	Lower	Upper	
252	100		
253	28.8	19.2	28.8#
125	23.4	15.8	23.6



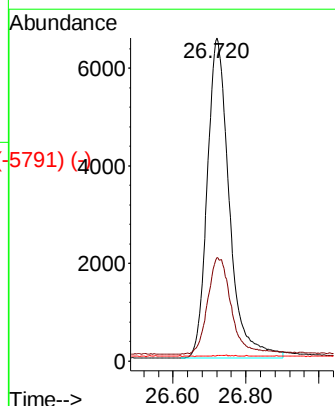
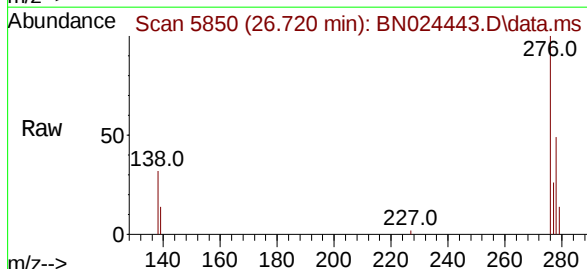
Abundance Scan 4990 (23.986 min): BN024443.D\data.ms (-4957) (-)



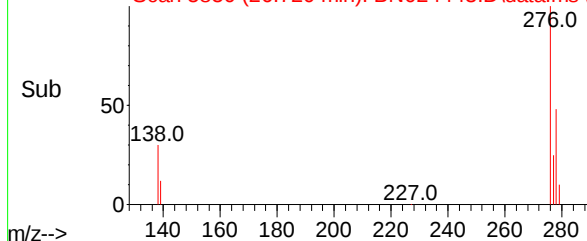
Abundance Scan 5849 (26.716 min): BN024436.D\data.ms (-5827) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/u1
RT: 26.720 min Scan# 5850
Delta R.T. -0.003 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:	276	Resp:	27524
Ion Ratio	Lower	Upper	
276	100		
138	32.2	0.0	0.0#
227	0.1	0.0	0.0#



Abundance Scan 5850 (26.720 min): BN024443.D\data.ms (-5791) (-)



Abundance Scan 5857 (26.743 min): BN024436.D\data.ms (-5828) (-)

Dibenzo(a,h)anthracene

Concen: 0.329 ng/ul

RT: 26.747 min Scan# 5857

Delta R.T. 0.000 min

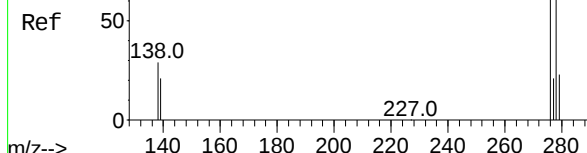
Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

Instrument :

BNA_N

ClientSampleId :



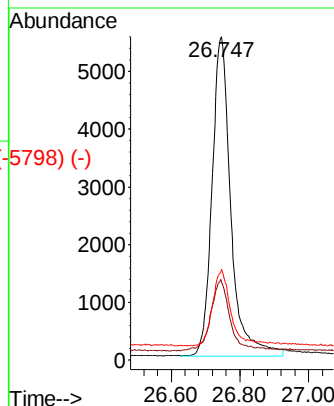
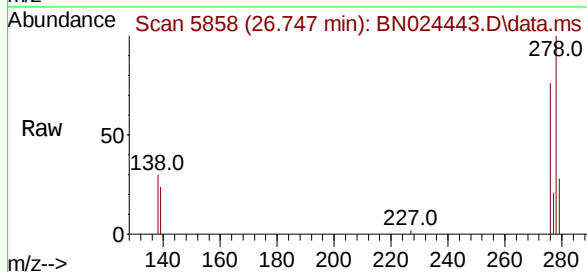
Tgt Ion:278 Resp: 21025

Ion Ratio Lower Upper

278 100

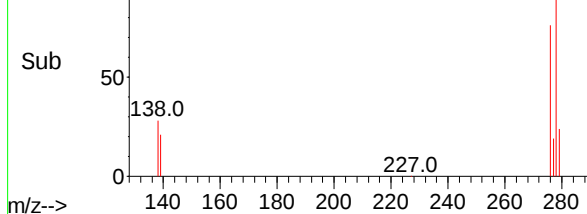
139 24.2 21.0 31.6

279 28.0 20.4 30.6



Abundance Scan 5858 (26.747 min): BN024443.D\data.ms (-5798) (-)

278.0



Abundance Scan 6091 (27.528 min): BN024436.D\data.ms (-6029) (-)

Benzo(g,h,i)perylene

Concen: 0.334 ng/ul

RT: 27.528 min Scan# 6091

Delta R.T. -0.007 min

Lab File: BN024443.D

Acq: 21 Mar 2023 11:27

Tgt Ion:276 Resp: 24413

Ion Ratio Lower Upper

276 100

138 29.9 25.2 37.8

277 25.3 19.4 29.2

