

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024442.D
 Acq On : 21 Mar 2023 10:51
 Operator : CG/JU
 Sample : PB151523BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 17:37:55 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)

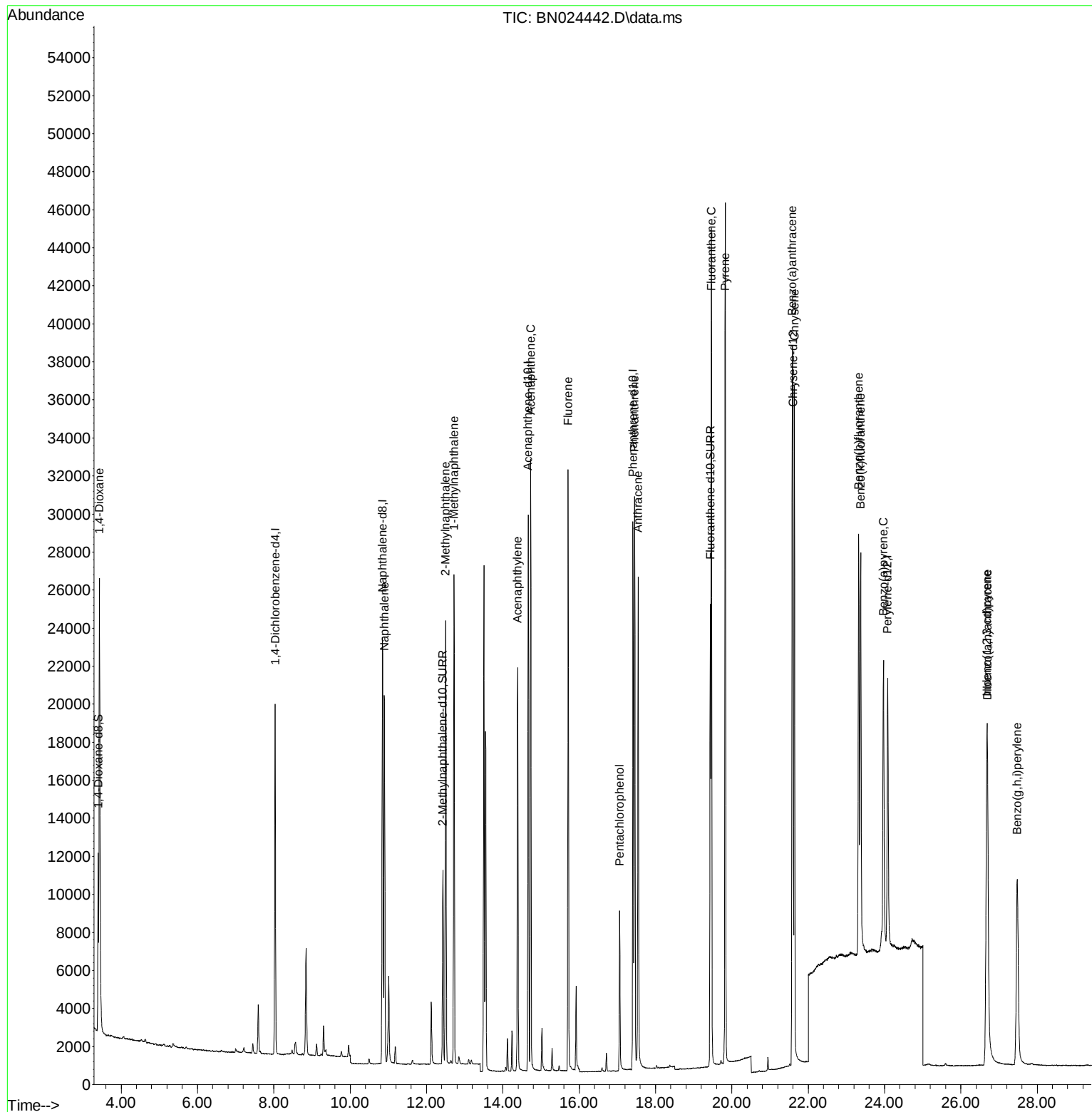
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	9484	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29276	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	16035	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	32908	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	25797	0.400	ng/ul	0.00
23) Perylene-d12	24.085	264	20183	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	6348	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	12867	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	25075	0.365	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.431	88	17011	1.498	ng/ul	91
5) Naphthalene	10.894	128	26974	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	16635	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	17397	0.373	ng/ul	100
10) Acenaphthylene	14.388	152	23751	0.355	ng/ul	100
11) Acenaphthene	14.731	153	18062	0.350	ng/ul	98
12) Fluorene	15.711	166	19850	0.345	ng/ul	98
14) Pentachlorophenol	17.059	266	5626	0.616	ng/ul#	73
15) Phenanthrene	17.451	178	32522	0.345	ng/ul	99
16) Anthracene	17.544	178	28402	0.343	ng/ul	99
19) Fluoranthene	19.464	202	36113	0.352	ng/ul	100
20) Pyrene	19.827	202	37125	0.356	ng/ul	99
21) Benzo(a)anthracene	21.583	228	30151	0.358	ng/ul	100
22) Chrysene	21.638	228	31608	0.355	ng/ul	99
24) Benzo(b)fluoranthene	23.322	252	29684	0.385	ng/ul	95
25) Benzo(k)fluoranthene	23.372	252	29598	0.370	ng/ul	94
26) Benzo(a)pyrene	23.974	252	24656	0.372	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.680	276	27593	0.369	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.696	278	21115	0.372	ng/ul	96
29) Benzo(g,h,i)perylene	27.478	276	24208	0.374	ng/ul	98

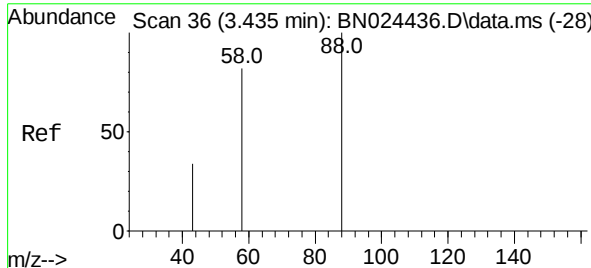
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024442.D
Acq On : 21 Mar 2023 10:51
Operator : CG/JU
Sample : PB151523BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 21 17:37:55 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

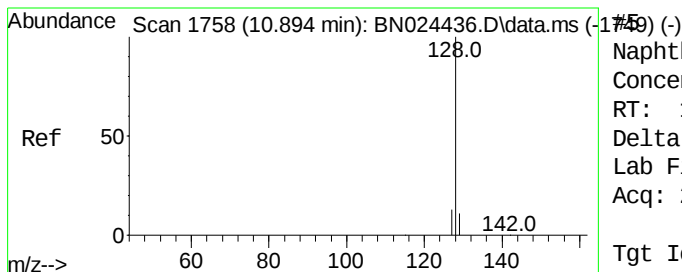
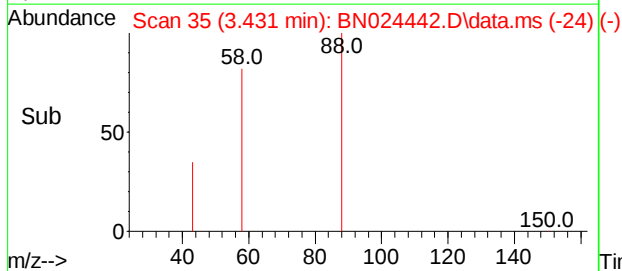
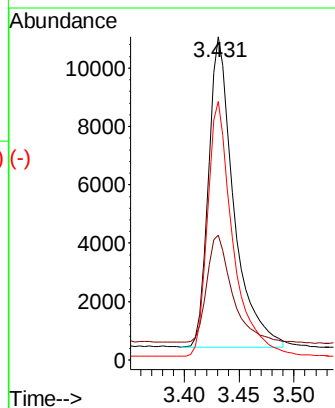
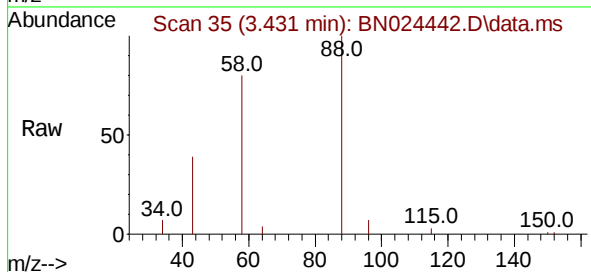




1,4-Dioxane
 Concen: 1.498 ng/ul
 RT: 3.431 min Scan#
 Delta R.T. -0.004 min
 Lab File: BN024442.D
 Acq: 21 Mar 2023 10:51

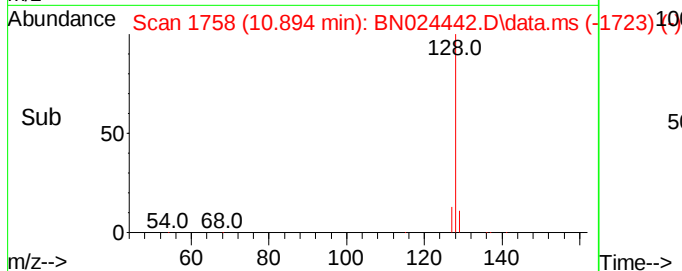
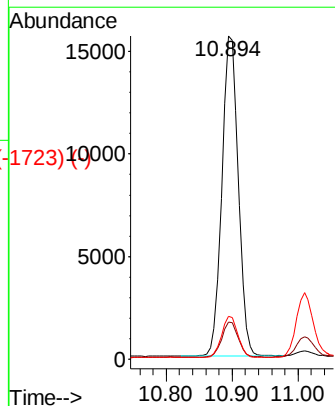
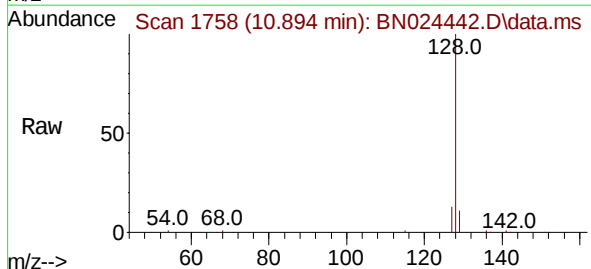
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 88 Resp: 17011
 Ion Ratio Lower Upper
 88 100
 43 38.7 32.1 48.1
 58 79.9 55.1 82.7

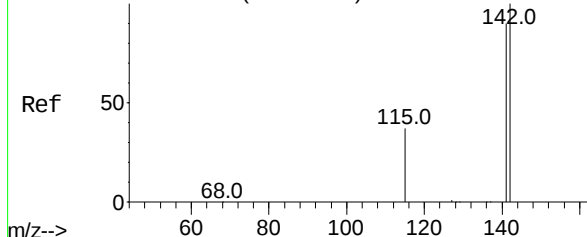


Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.894 min Scan# 1758
 Delta R.T. -0.006 min
 Lab File: BN024442.D
 Acq: 21 Mar 2023 10:51

Tgt Ion:128 Resp: 26974
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.2 10.5 15.7



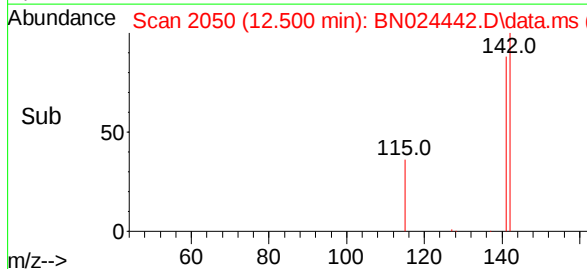
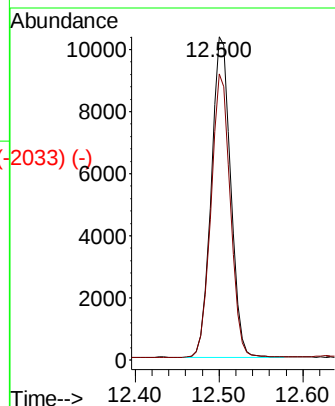
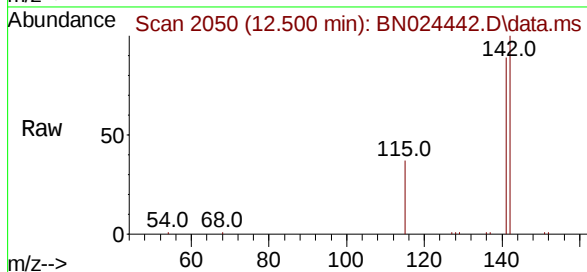
Abundance Scan 2050 (12.500 min): BN024436.D\data.ms (-2047) (-)



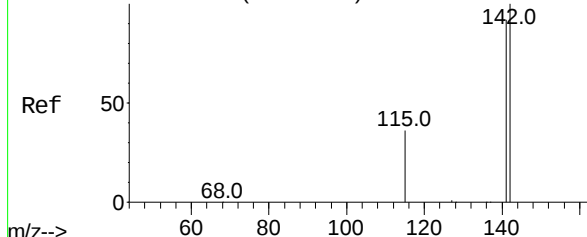
2-Methylnaphthalene
Concen: 0.375 ng/u1
RT: 12.500 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 16635
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5

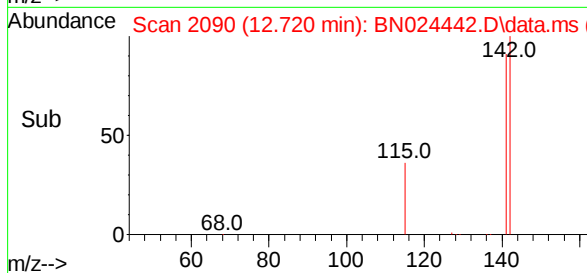
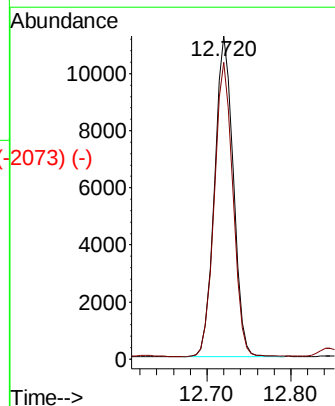
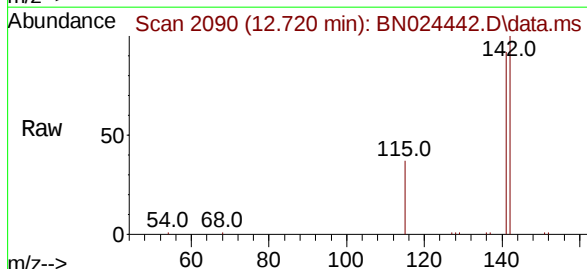


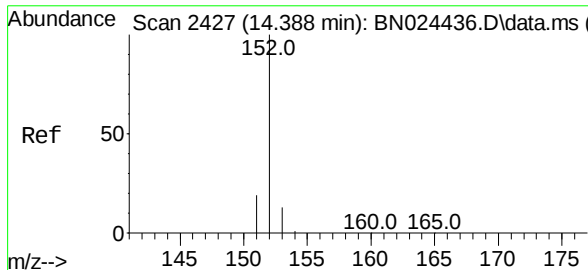
Abundance Scan 2090 (12.720 min): BN024436.D\data.ms (-2048) (-)



1-Methylnaphthalene
Concen: 0.373 ng/u1
RT: 12.720 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

Tgt Ion:142 Resp: 17397
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6





Acenaphthylene

Concen: 0.355 ng/ul

RT: 14.388 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BN024442.D

Acq: 21 Mar 2023 10:51

Instrument :

BNA_N

ClientSampleId :

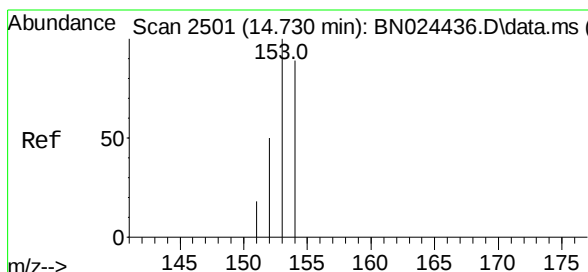
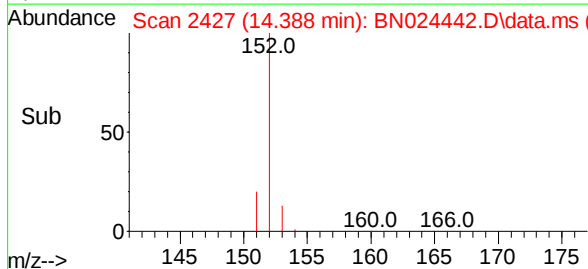
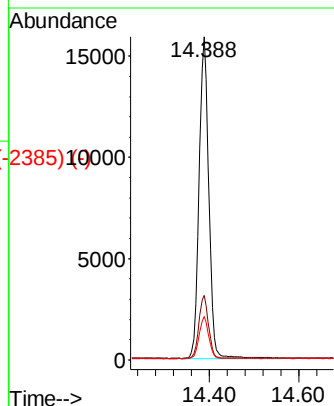
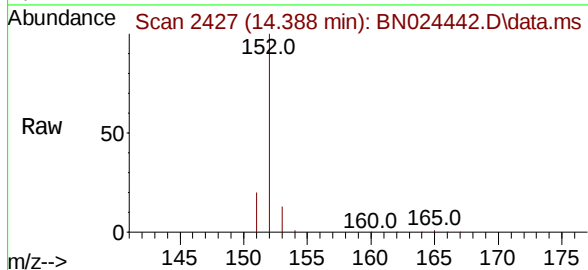
Tgt Ion:152 Resp: 23751

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.5 10.6 16.0



Acenaphthene

Concen: 0.350 ng/ul

RT: 14.731 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BN024442.D

Acq: 21 Mar 2023 10:51

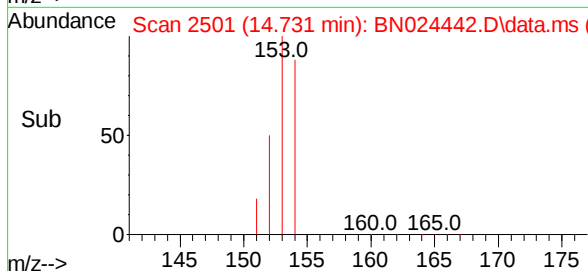
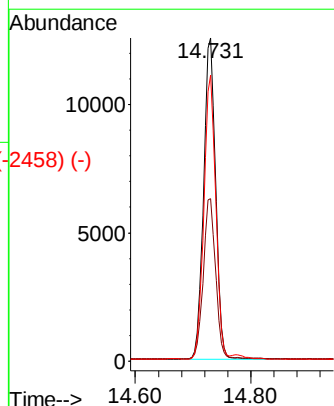
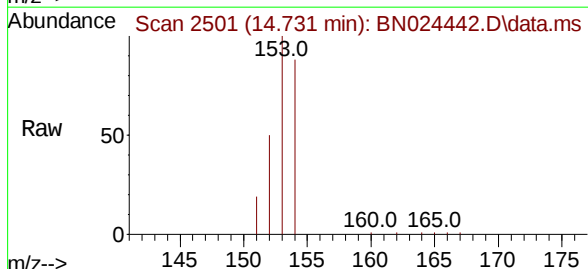
Tgt Ion:153 Resp: 18062

Ion Ratio Lower Upper

153 100

152 50.2 42.6 64.0

154 88.5 70.6 105.8



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

Fluorene

Concen: 0.345 ng/ul

RT: 15.711 min Scan# 1

Delta R.T. -0.005 min

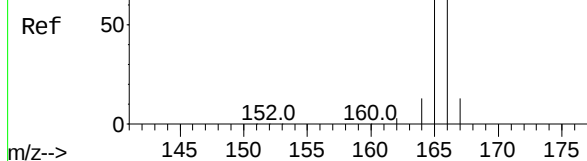
Lab File: BN024442.D

Acq: 21 Mar 2023 10:51

Instrument :

BNA_N

ClientSampleId :



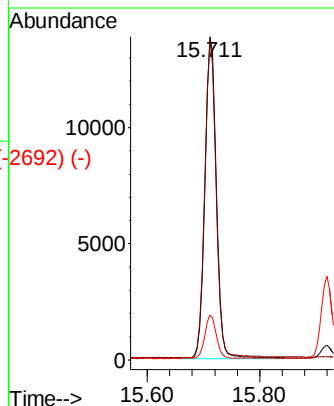
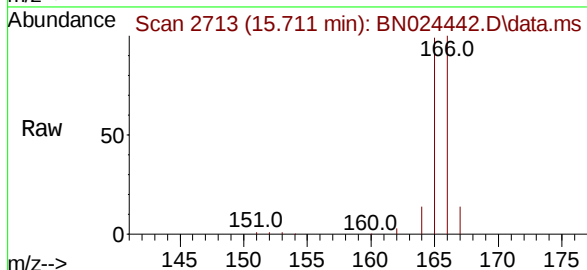
Tgt Ion:166 Resp: 19850

Ion Ratio Lower Upper

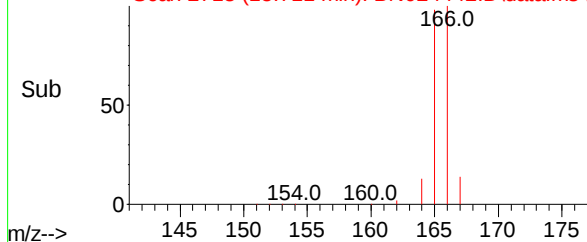
166 100

165 98.7 77.4 116.0

167 13.9 10.9 16.3



Abundance Scan 2713 (15.711 min): BN024442.D\data.ms (-2692) (-)



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

Pentachlorophenol

Concen: 0.616 ng/ul

RT: 17.059 min Scan# 3026

Delta R.T. -0.004 min

Lab File: BN024442.D

Acq: 21 Mar 2023 10:51

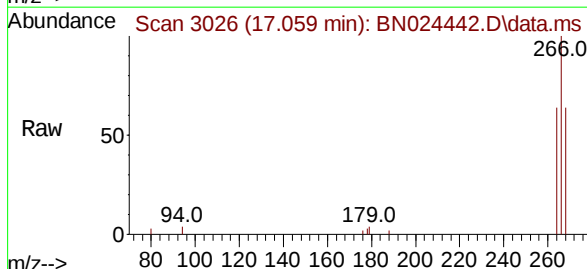
Tgt Ion:266 Resp: 5626

Ion Ratio Lower Upper

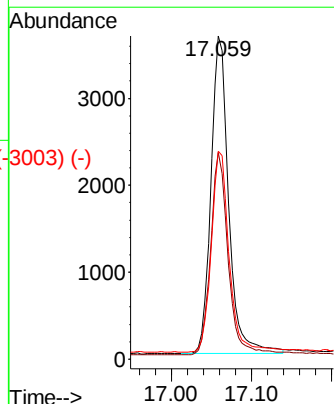
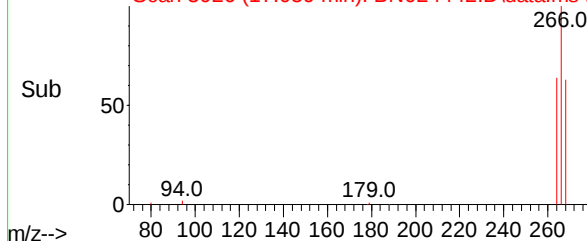
266 100

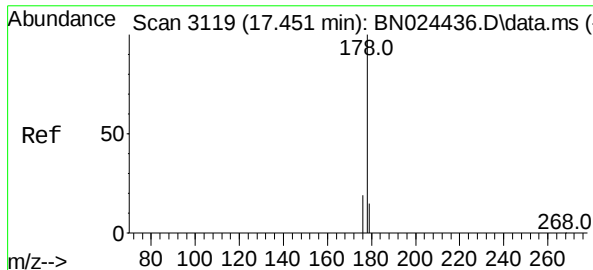
264 63.1 0.0 0.0#

268 64.3 0.1 0.1#



Abundance Scan 3026 (17.059 min): BN024442.D\data.ms (-3003) (-)

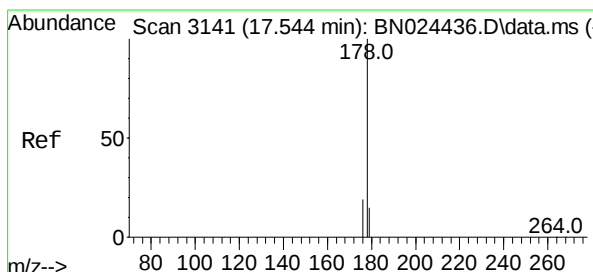
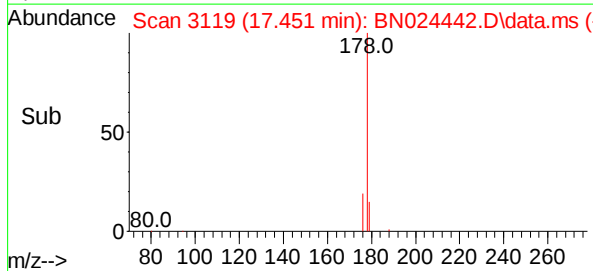
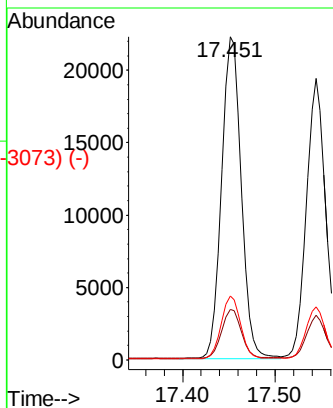
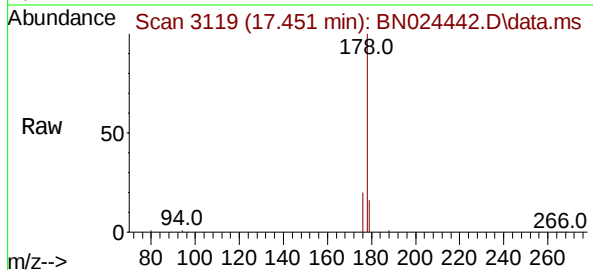




Scan 3119 (17.451 min): BN024436.D\data.ms (-3105) (-)
 Phenanthrene
 Concen: 0.345 ng/ul
 RT: 17.451 min Scan# 3119
 Delta R.T. -0.004 min
 Lab File: BN024442.D
 Acq: 21 Mar 2023 10:51

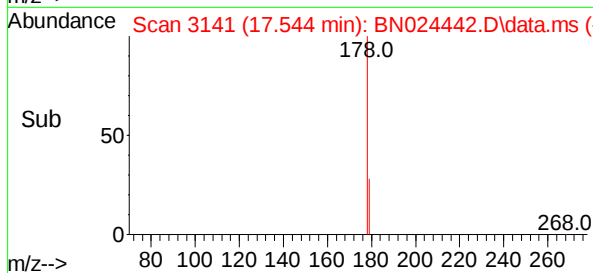
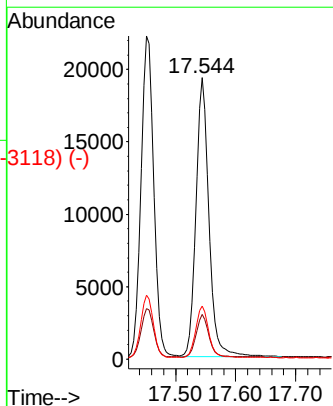
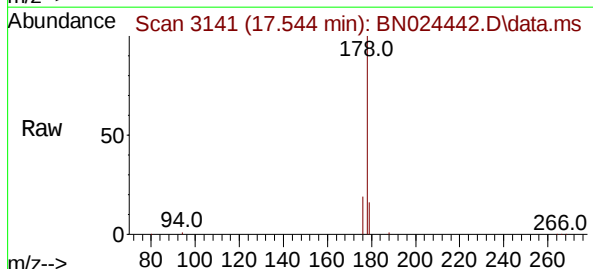
Instrument :
 BNA_N
 ClientSampleId :

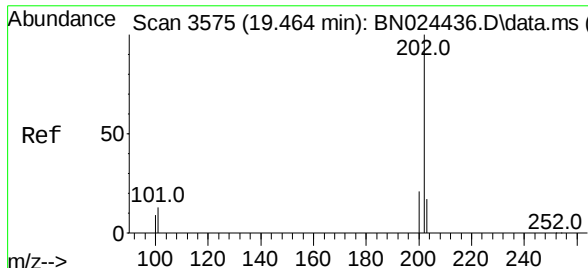
Tgt Ion:	178	Resp:	32522
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.7	15.7	23.5



Scan 3141 (17.544 min): BN024436.D\data.ms (-3118) (-)
 Anthracene
 Concen: 0.343 ng/ul
 RT: 17.544 min Scan# 3141
 Delta R.T. -0.004 min
 Lab File: BN024442.D
 Acq: 21 Mar 2023 10:51

Tgt Ion:	178	Resp:	28402
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.9	15.3	22.9

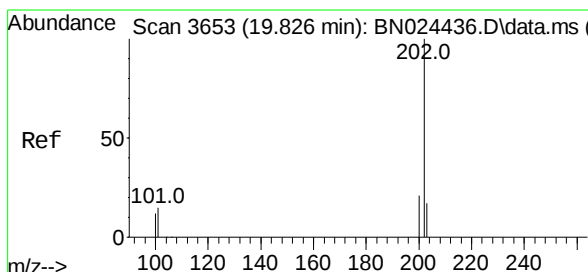
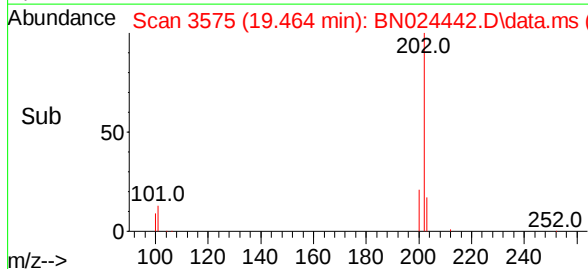
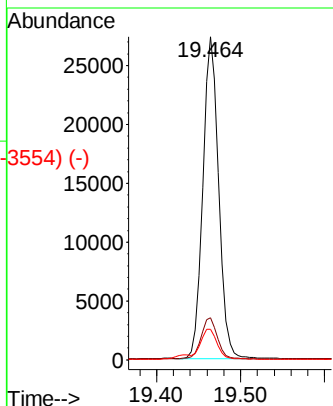
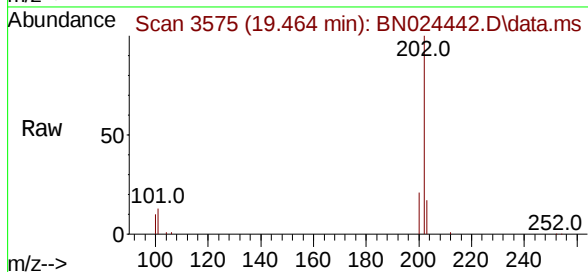




Scan 3575 (19.464 min): BN024436.D\data.ms (-3519) (-)
Fluoranthene
 Concen: 0.352 ng/ul
 RT: 19.464 min Scan# 3575
 Delta R.T. -0.005 min
 Lab File: BN024442.D
 Acq: 21 Mar 2023 10:51

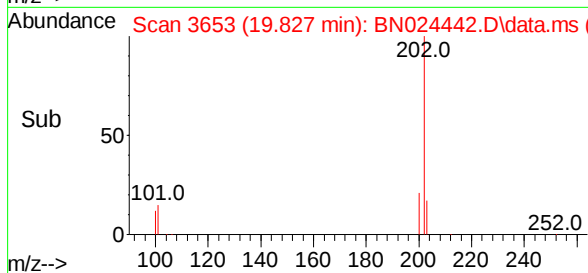
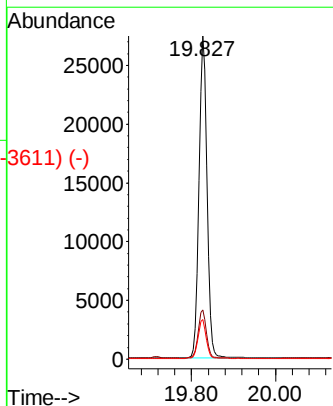
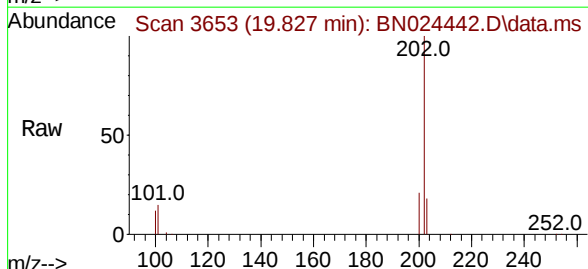
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	202	Resp:	36113
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.4	15.6
100	9.6	7.7	11.5

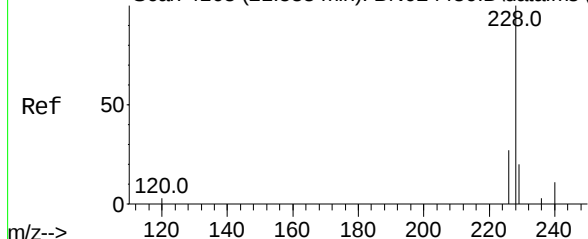


Scan 3653 (19.827 min): BN024436.D\data.ms (-3620) (-)
Pyrene
 Concen: 0.356 ng/ul
 RT: 19.827 min Scan# 3653
 Delta R.T. -0.005 min
 Lab File: BN024442.D
 Acq: 21 Mar 2023 10:51

Tgt Ion:	202	Resp:	37125
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.1	18.1
100	12.2	9.4	14.0



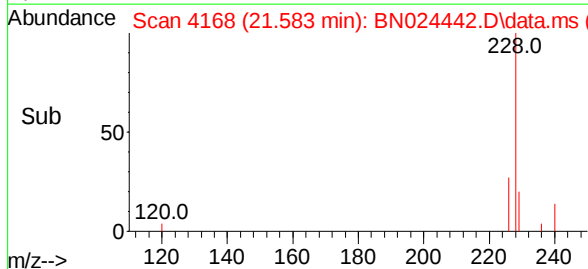
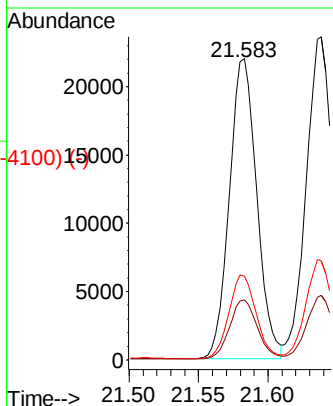
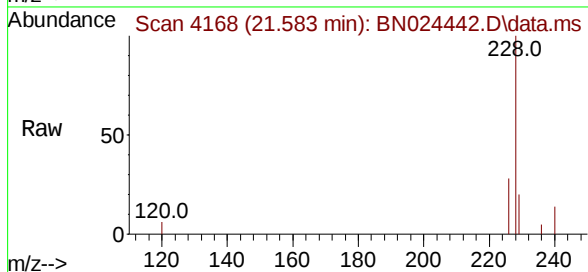
Abundance Scan 4168 (21.583 min): BN024436.D\data.ms (-4124) (-)



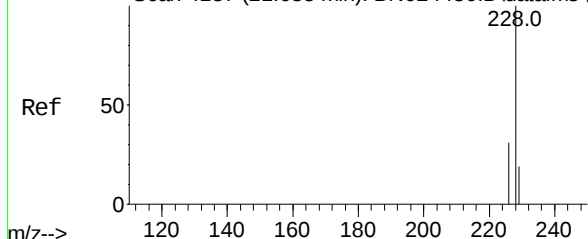
Benzo(a)anthracene
Concen: 0.358 ng/u1
RT: 21.583 min Scan# 4168
Delta R.T. -0.000 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	228	Resp:	30151
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	27.8	22.2	33.4

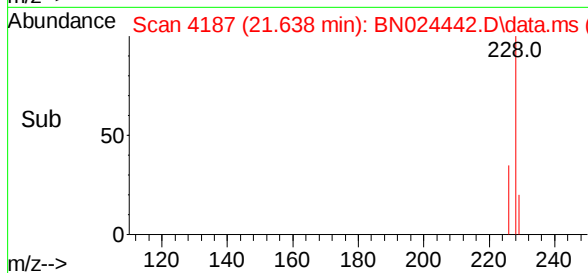
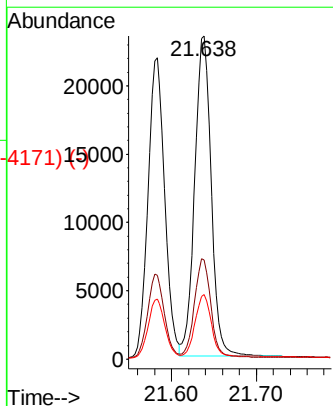
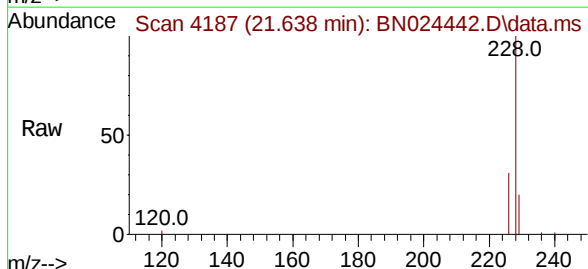


Abundance Scan 4187 (21.638 min): BN024436.D\data.ms (-4123) (-)



Chrysene
Concen: 0.355 ng/u1
RT: 21.638 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

Tgt Ion:	228	Resp:	31608
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	20.1	15.8	23.6



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

Benzo(b)fluoranthene

Concen: 0.385 ng/u1

RT: 23.322 min Scan# 4767

Delta R.T. -0.018 min

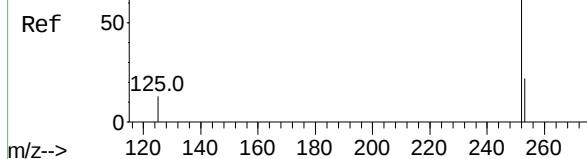
Lab File: BN024442.D

Acq: 21 Mar 2023 10:51

Instrument :

BNA_N

ClientSampleId :



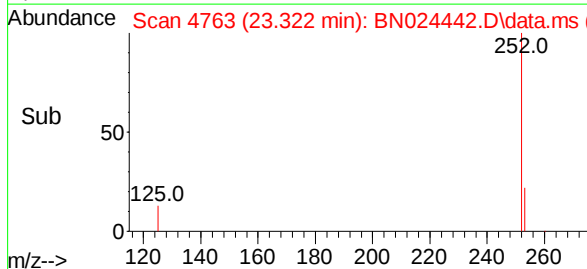
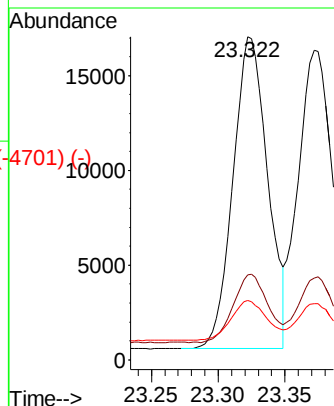
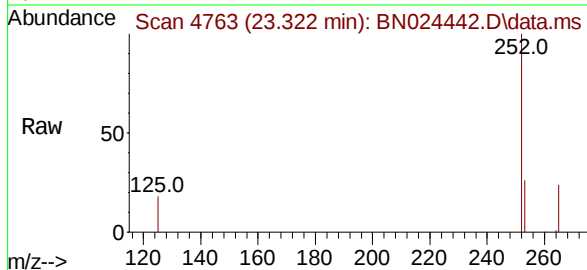
Tgt Ion:252 Resp: 29684

Ion Ratio Lower Upper

252 100

253 26.2 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: 0.370 ng/u1

RT: 23.372 min Scan# 4780

Delta R.T. -0.020 min

Lab File: BN024442.D

Acq: 21 Mar 2023 10:51

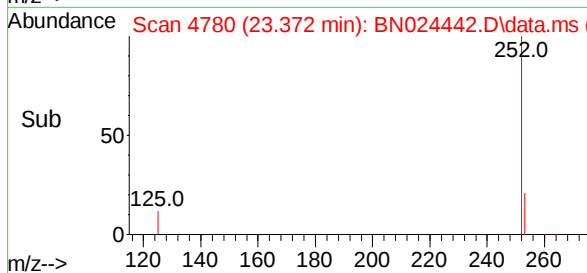
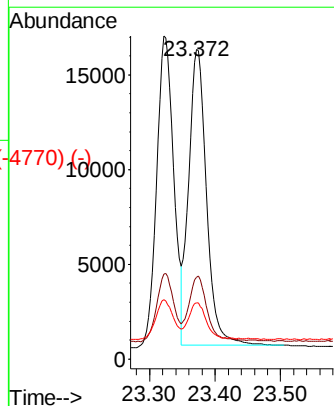
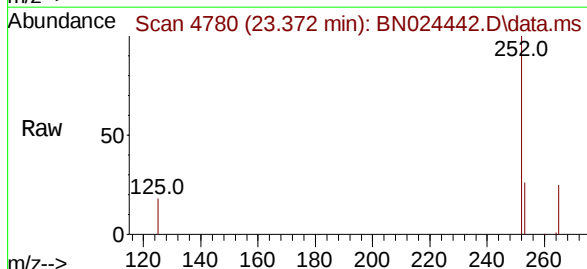
Tgt Ion:252 Resp: 29598

Ion Ratio Lower Upper

252 100

253 26.4 18.5 27.7

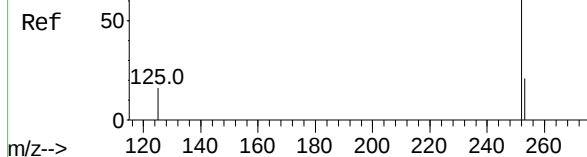
125 18.2 13.2 19.8



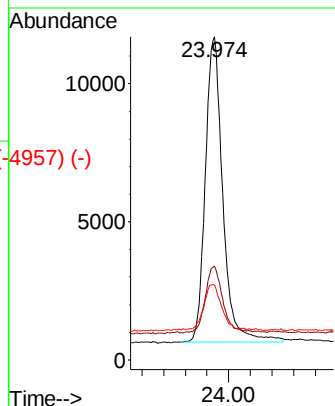
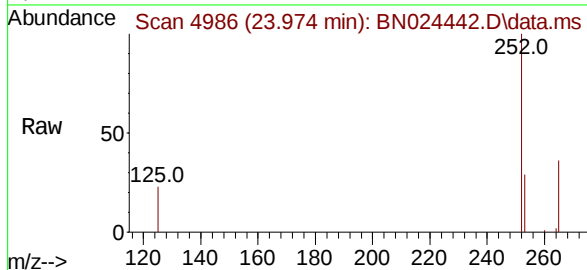
Abundance Scan 4989 (23.983 min): BN024436.D\data.ms (-4926) (-)

Benzo(a)pyrene
Concen: 0.372 ng/u1
RT: 23.974 min Scan# 4926
Delta R.T. -0.015 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51

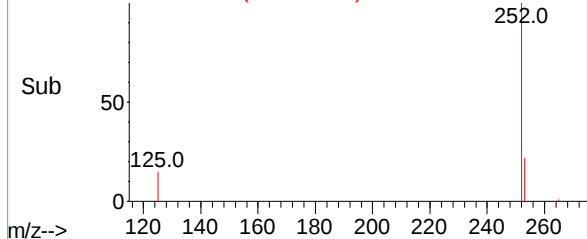
Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	252	Resp:	24656
Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.2	28.8#
125	23.1	15.8	23.6

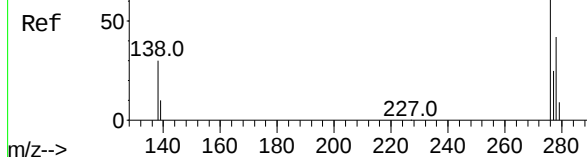


Abundance Scan 4986 (23.974 min): BN024442.D\data.ms (-4957) (-)

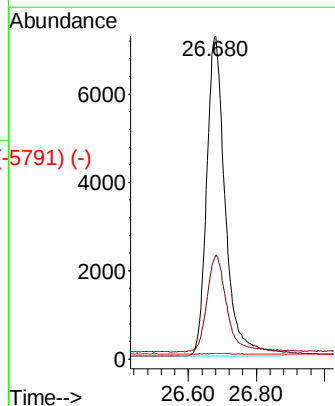
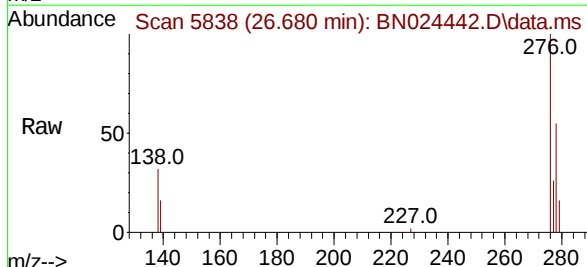


Abundance Scan 5849 (26.716 min): BN024436.D\data.ms (-5827) (-)

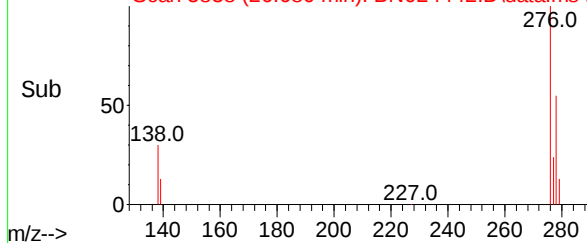
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/u1
RT: 26.680 min Scan# 5838
Delta R.T. -0.044 min
Lab File: BN024442.D
Acq: 21 Mar 2023 10:51



Tgt Ion:	276	Resp:	27593
Ion	Ratio	Lower	Upper
276	100		
138	32.2	0.0	0.0#
227	0.0	0.0	0.0#



Abundance Scan 5838 (26.680 min): BN024442.D\data.ms (-5791) (-)



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

Dibenzo(a,h)anthracene

Concen: 0.372 ng/ul

RT: 26.696 min Scan# 6029

Delta R.T. -0.050 min

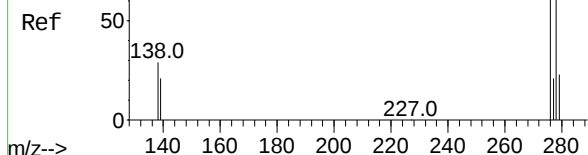
Lab File: BN024442.D

Acq: 21 Mar 2023 10:51

Instrument :

BNA_N

ClientSampleId :



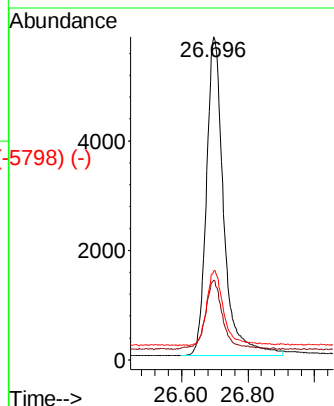
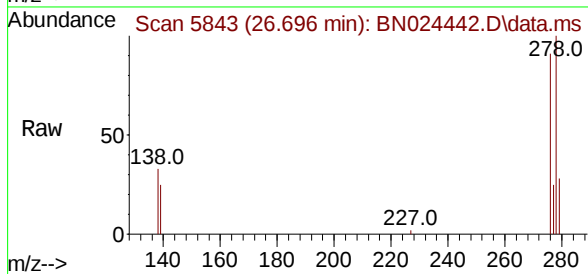
Tgt Ion:278 Resp: 21115

Ion Ratio Lower Upper

278 100

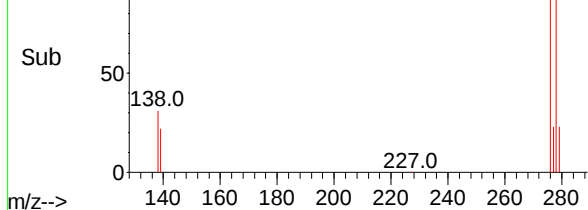
139 24.7 21.0 31.6

279 27.6 20.4 30.6



Abundance Scan 5843 (26.696 min): BN024442.D\data.ms (-5798) (-)

278.0



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

Benzo(g,h,i)perylene

Concen: 0.374 ng/ul

RT: 27.478 min Scan# 6076

Delta R.T. -0.057 min

Lab File: BN024442.D

Acq: 21 Mar 2023 10:51

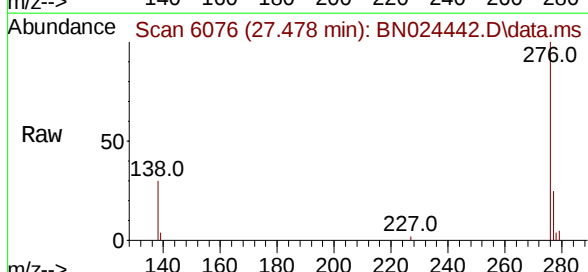
Tgt Ion:276 Resp: 24208

Ion Ratio Lower Upper

276 100

138 30.0 25.2 37.8

277 24.9 19.4 29.2



Abundance Scan 6076 (27.478 min): BN024442.D\data.ms (-6033) (-)

276.0

