

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025037.D
 Acq On : 20 Apr 2023 16:14
 Operator : CG/JU
 Sample : 02296-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 21 04:20:13 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7018	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	22366	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	13623	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.322	188	30911	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	22710	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	20728	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	38660	5.320	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	11648	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	29130	0.486	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	186	0.024	ng/ul#	36
5) Naphthalene	10.792	128	11523	0.201	ng/ul#	93
8) 1-Methylnaphthalene	12.618	142	27433	0.733	ng/ul	100
10) Acenaphthylene	14.293	152	14520	0.286	ng/ul#	67
11) Acenaphthene	14.635	153	1050015	24.545	ng/ul	98
12) Fluorene	15.625	166	1511145	31.599	ng/ul	99
15) Phenanthrene	17.359	178	42572	0.488	ng/ul	100
16) Anthracene	17.452	178	7359	0.103	ng/ul#	91
19) Fluoranthene	19.382	202	2702	0.033	ng/ul#	85
20) Pyrene	19.744	202	2188	0.026	ng/ul#	77
26) Benzo(a)pyrene	23.791	252	7401	0.106	ng/ul#	60

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

BNA N

ClientSampleId :

TIC: BN025037.D\data.ms

Abundance

Time-->

1,4-Dichlorobenzene-d4, S

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, I

Naphthalene

2-Methylnaphthalene-d10, SURR

1-Methylnaphthalene

Acenaphthylene

Acenaphthene-d10, I

Acenaphthene, C

Fluorene

Phenanthrene-d10, I

Phenanthrene

Fluoranthene-d10, SURR

Fluoranthene

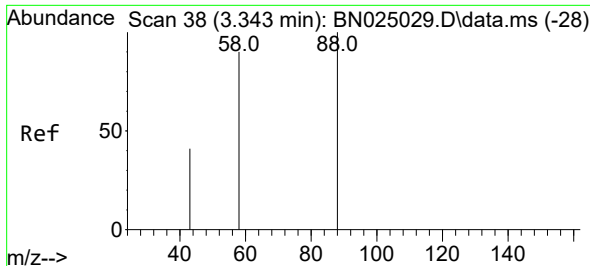
Pyrene

Chrysene-d12

Chrysene

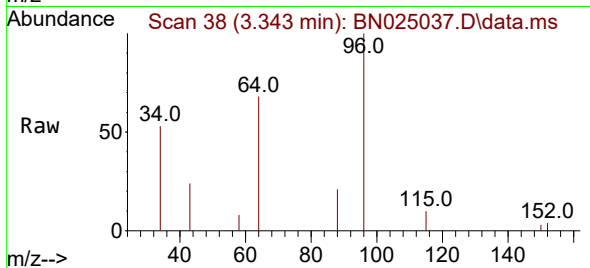
Benzo(a)pyrene, C

Perylene-d12, I

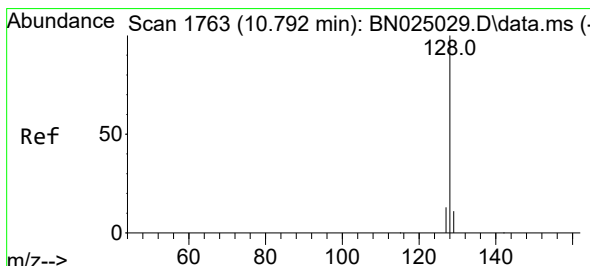
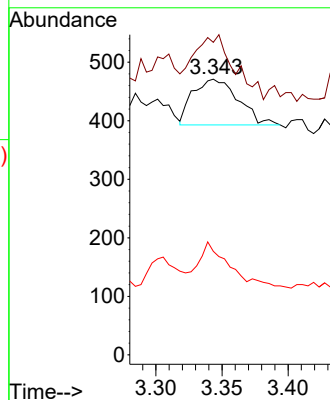
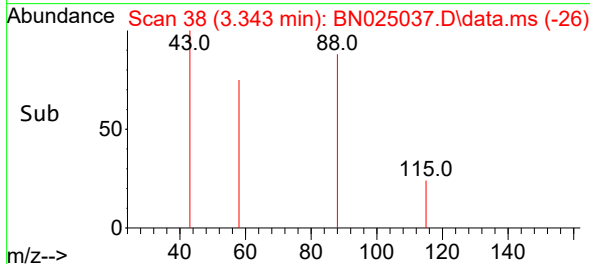


#2
 1,4-Dioxane
 Concen: 0.024 ng/ul
 RT: 3.343 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025037.D
 Acq: 20 Apr 2023 16:14

Instrument :
 BNA_N
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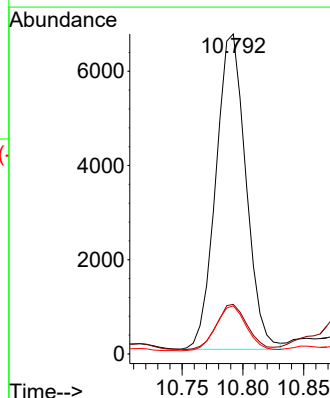
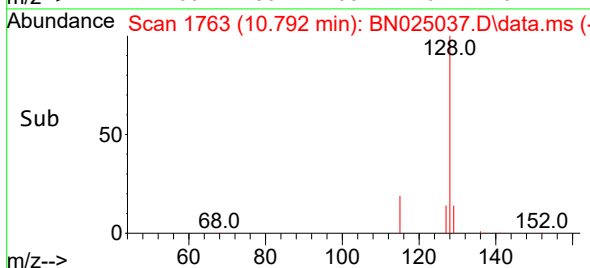
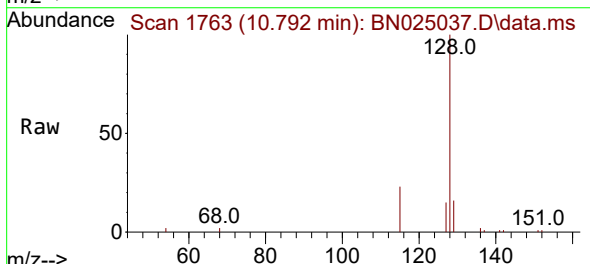


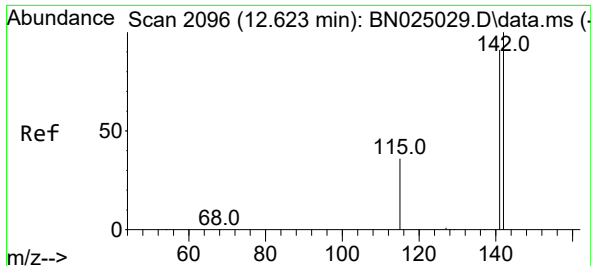
Tgt Ion: 88 Resp: 186
 Ion Ratio Lower Upper
 88 100
 43 113.4 37.0 55.4#
 58 37.6 56.9 85.3#



#5
 Naphthalene
 Concen: 0.201 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025037.D
 Acq: 20 Apr 2023 16:14

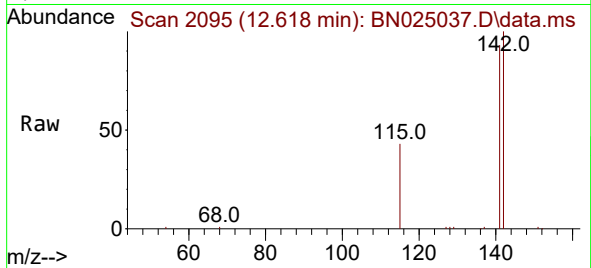
Tgt Ion: 128 Resp: 11523
 Ion Ratio Lower Upper
 128 100
 129 15.5 9.0 13.6#
 127 15.0 10.7 16.1



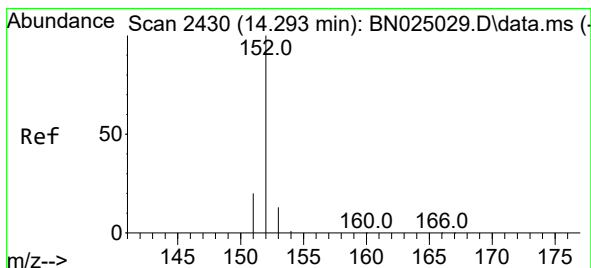
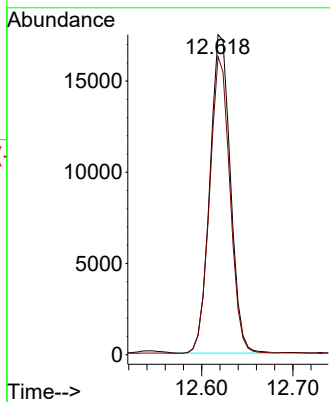
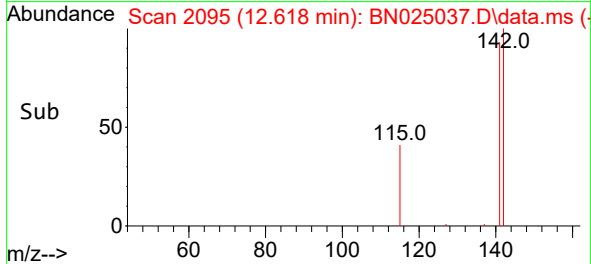


#8
1-Methylnaphthalene
Concen: 0.733 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

Instrument :
BNA_N
ClientSampleId :

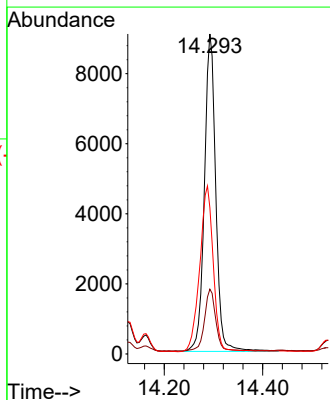
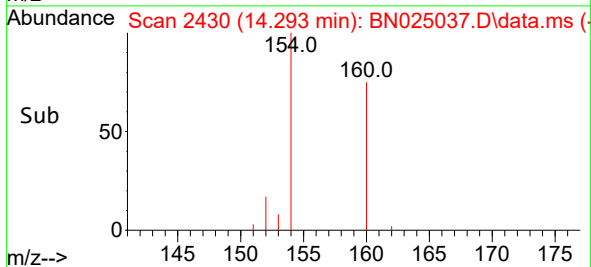
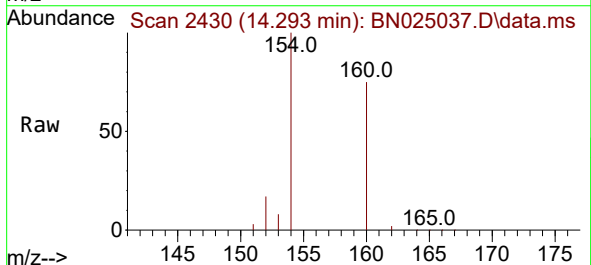


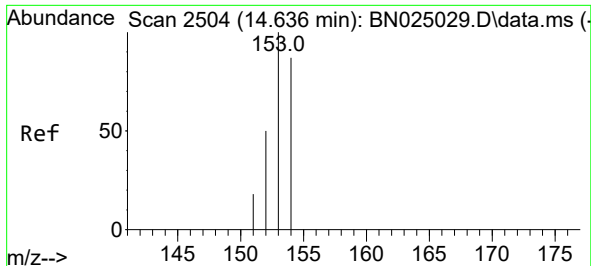
Tgt Ion:142 Resp: 27433
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6



#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

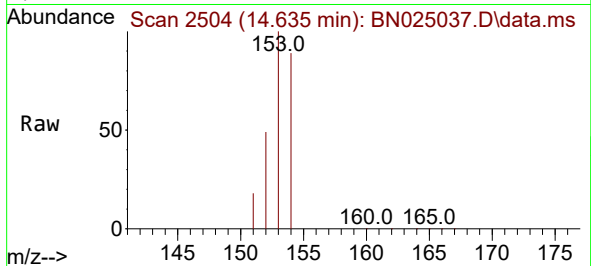
Tgt Ion:152 Resp: 14520
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 45.7 10.8 16.2#



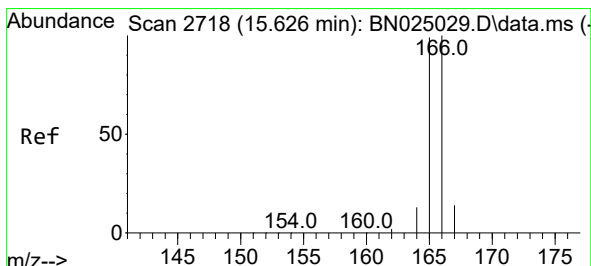
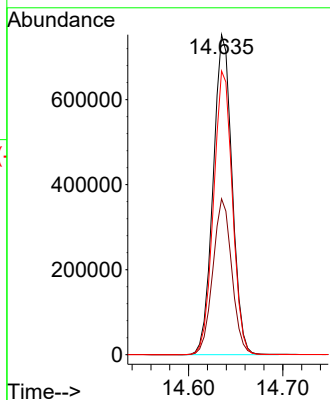
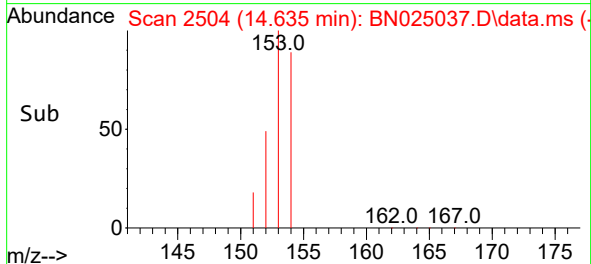


#11
Acenaphthene
Concen: 24.545 ng/ul
RT: 14.635 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

Instrument :
BNA_N
ClientSampleId :

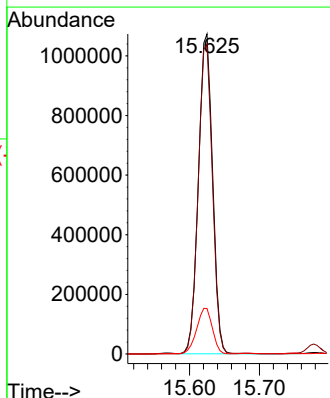
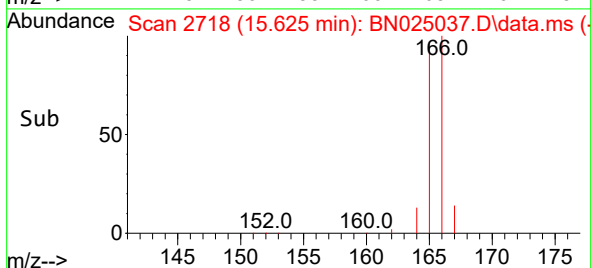
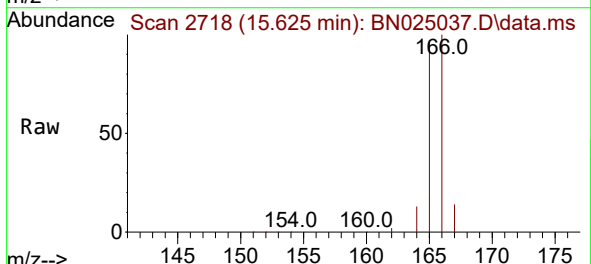


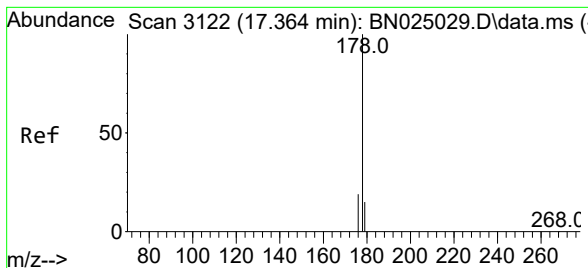
Tgt Ion:153 Resp: 1050015
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 88.6 69.4 104.2



#12
Fluorene
Concen: 31.599 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.001 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

Tgt Ion:166 Resp: 1511145
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 14.2 11.0 16.6





#15

Phenanthrene

Concen: 0.488 ng/ul

RT: 17.359 min Scan# 3121

Delta R.T. -0.005 min

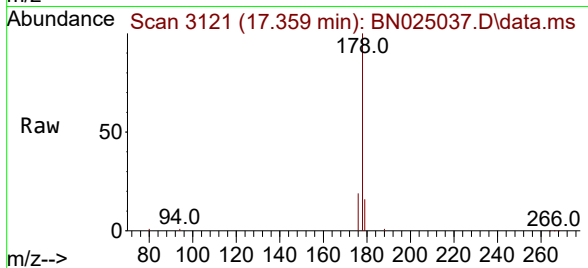
Lab File: BN025037.D

Acq: 20 Apr 2023 16:14

Instrument :

BNA_N

ClientSampleId :



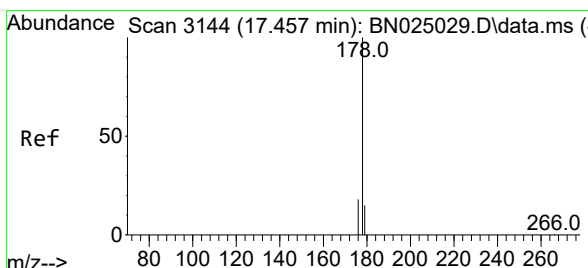
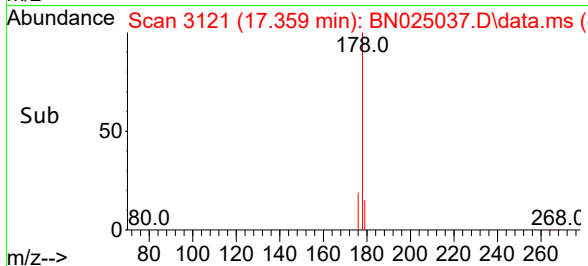
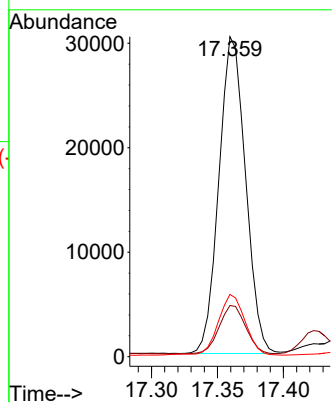
Tgt Ion:178 Resp: 42572

Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 19.4 15.6 23.4



#16

Anthracene

Concen: 0.103 ng/ul

RT: 17.452 min Scan# 3143

Delta R.T. -0.005 min

Lab File: BN025037.D

Acq: 20 Apr 2023 16:14

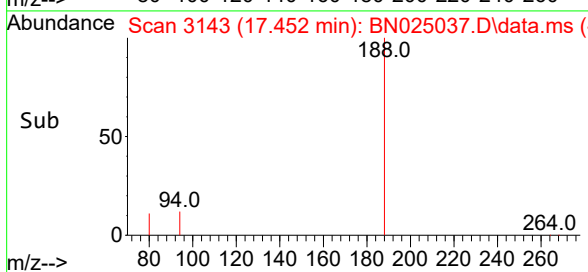
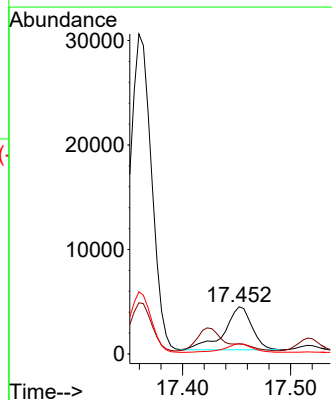
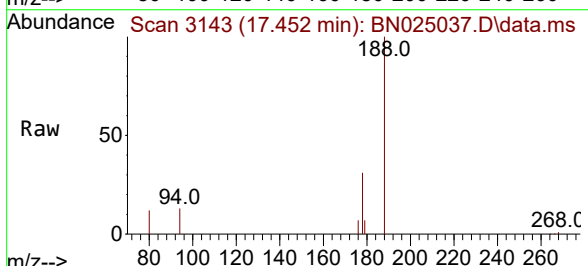
Tgt Ion:178 Resp: 7359

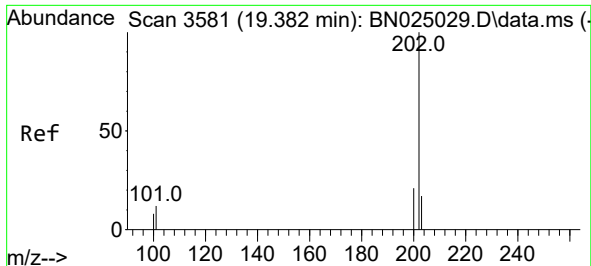
Ion Ratio Lower Upper

178 100

179 21.4 12.7 19.1#

176 21.5 15.3 22.9





#19

Fluoranthene

Concen: 0.033 ng/ul

RT: 19.382 min Scan# 3581

Delta R.T. -0.001 min

Lab File: BN025037.D

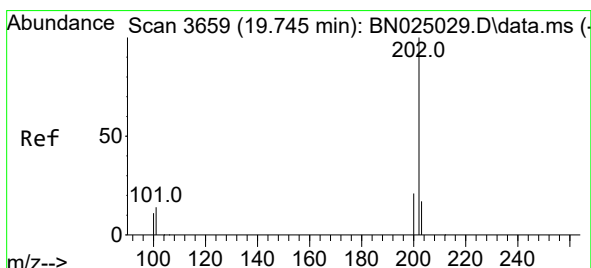
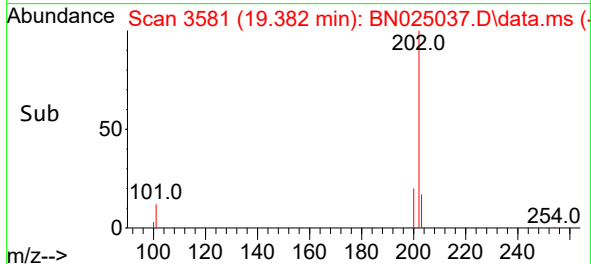
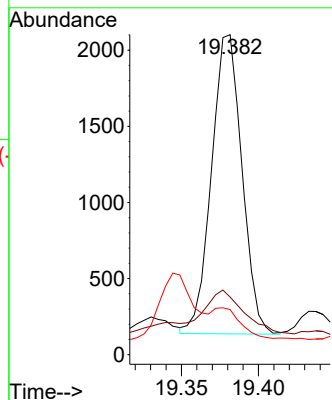
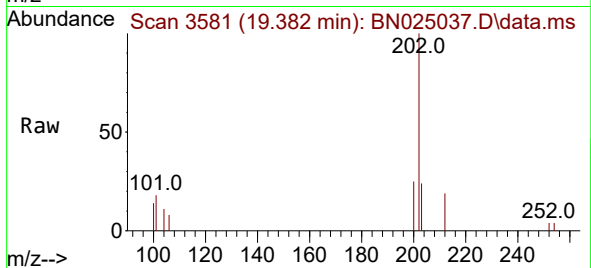
Acq: 20 Apr 2023 16:14

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	202	Resp:	2702
Ion Ratio	Lower	Upper	
202	100		
101	18.0	9.7	14.5#
100	14.1	7.3	10.9#



#20

Pyrene

Concen: 0.026 ng/ul

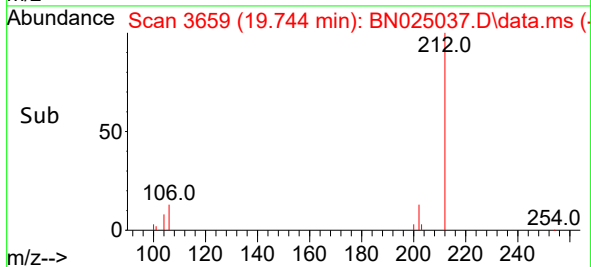
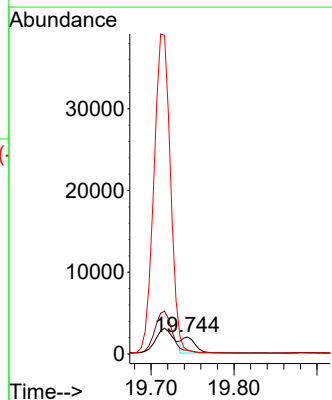
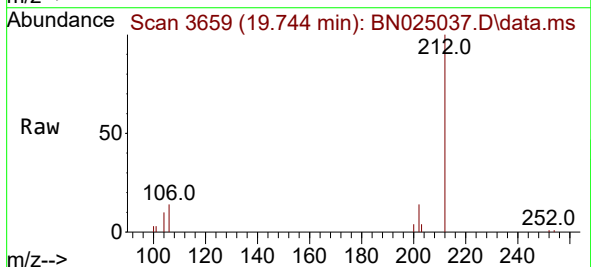
RT: 19.744 min Scan# 3659

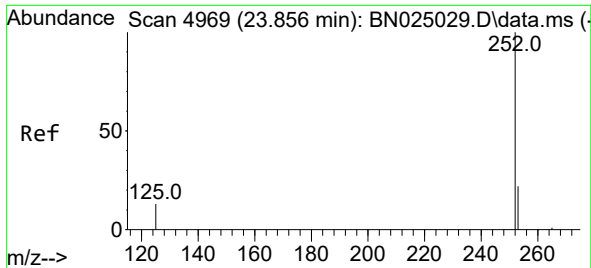
Delta R.T. -0.001 min

Lab File: BN025037.D

Acq: 20 Apr 2023 16:14

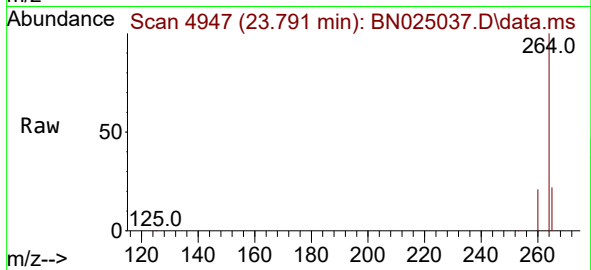
Tgt Ion:	202	Resp:	2188
Ion Ratio	Lower	Upper	
202	100		
101	20.8	11.3	16.9#
100	23.1	9.2	13.8#





#26
Benzo(a)pyrene
Concen: 0.106 ng/ul
RT: 23.791 min Scan# 4947
Delta R.T. -0.065 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 7401
Ion Ratio Lower Upper
252 100
253 45.4 21.4 32.2#
125 38.2 14.6 22.0#

