

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BN026508.D
 Acq On : 14 Jul 2023 20:06
 Operator : MA/JU
 Sample : 03418-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 15 01:55:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

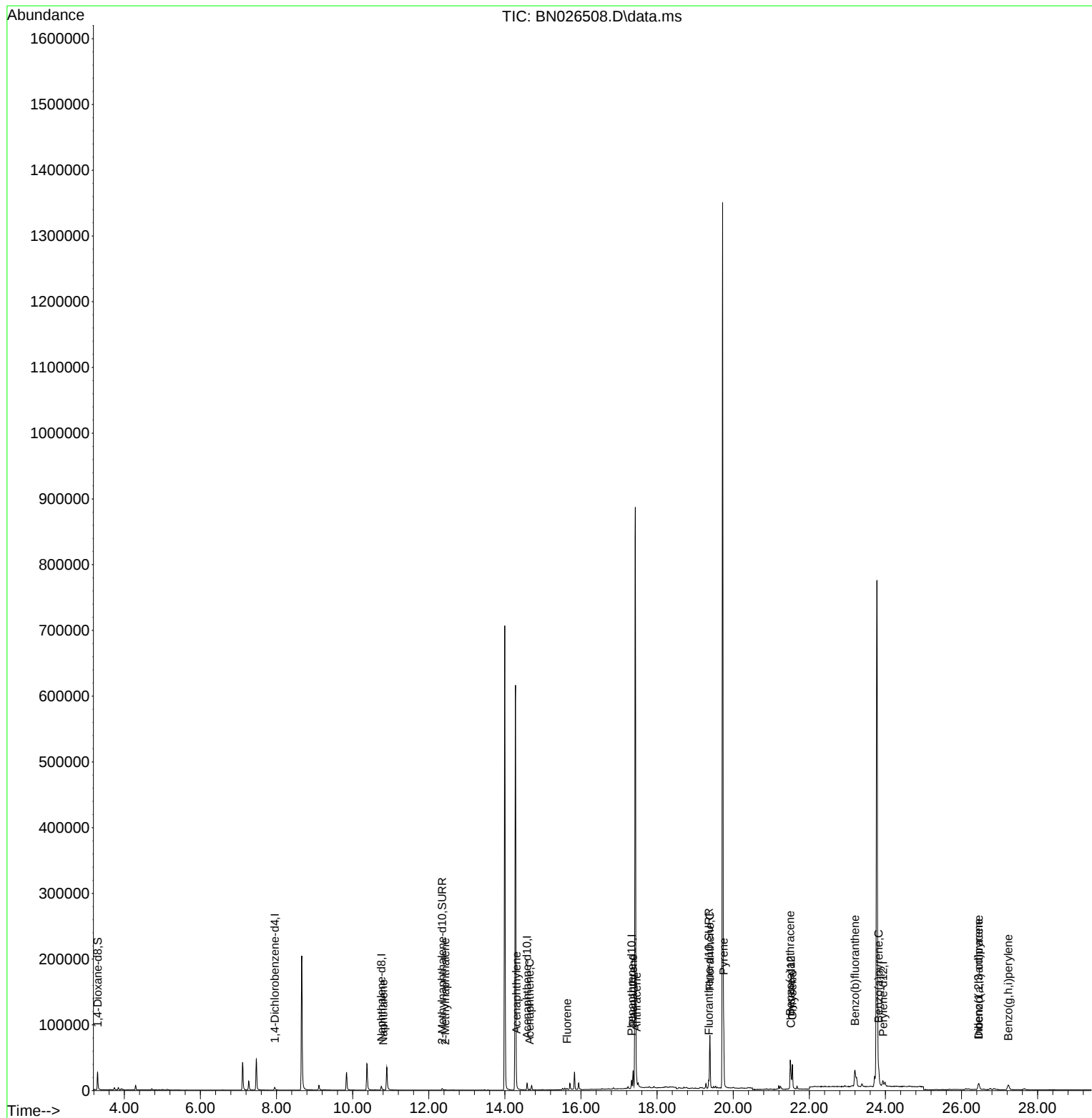
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	2900	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	8857	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	5869	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	15644	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.517	240	12996	0.400	ng/ul	# 0.00
23) Perylene-d12	23.938	264	12342	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	18034	4.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	4355	0.362	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	15002	0.333	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	1268	0.052	ng/ul#	81
7) 2-Methylnaphthalene	12.431	142	421	0.031	ng/ul	100
10) Acenaphthylene	14.307	152	2812	0.098	ng/ul#	93
11) Acenaphthene	14.649	153	796	0.036	ng/ul	93
12) Fluorene	15.634	166	1299	0.057	ng/ul#	87
15) Phenanthrene	17.372	178	28594	0.574	ng/ul	98
16) Anthracene	17.461	178	5937	0.137	ng/ul#	89
19) Fluoranthene	19.387	202	76103	1.249	ng/ul	97
20) Pyrene	19.749	202	78125	1.181	ng/ul	98
21) Benzo(a)anthracene	21.500	228	41364	0.866	ng/ul	97
22) Chrysene	21.552	228	39828	0.733	ng/ul	98
24) Benzo(b)fluoranthene	23.201	252	64816	1.348	ng/ul	89
26) Benzo(a)pyrene	23.824	252	32657	0.763	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.450	276	18893	0.337	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.457	278	4203	0.098	ng/ul#	74
29) Benzo(g,h,i)perylene	27.228	276	18443	0.372	ng/ul#	91

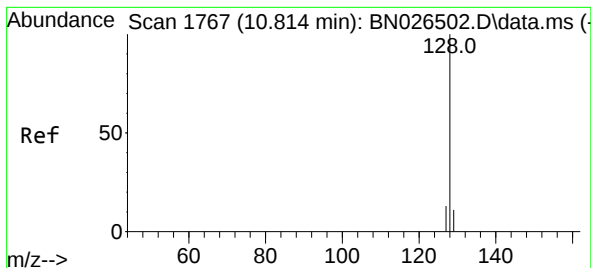
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 15 01:55:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.052 ng/ul

RT: 10.803 min Scan# 1765

Delta R.T. -0.011 min

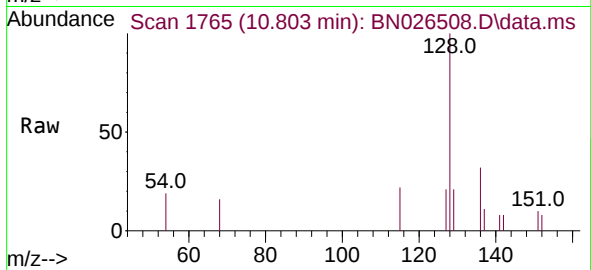
Lab File: BN026508.D

Acq: 14 Jul 2023 20:06

Instrument :

BNA_N

ClientSampleId :



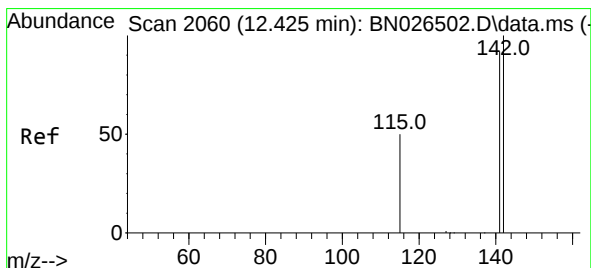
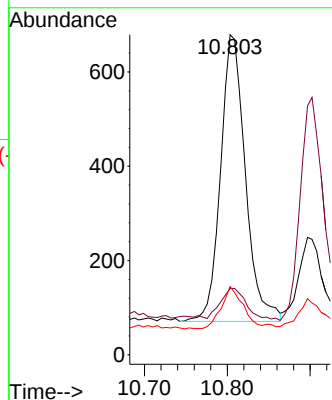
Tgt Ion:128 Resp: 1268

Ion	Ratio	Lower	Upper
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128	100		
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129	20.8	10.2	15.2#
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127	21.4	11.4	17.0#
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#7

2-Methylnaphthalene

Concen: 0.031 ng/ul

RT: 12.431 min Scan# 2061

Delta R.T. 0.006 min

Lab File: BN026508.D

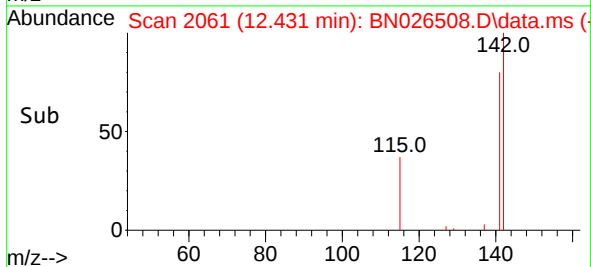
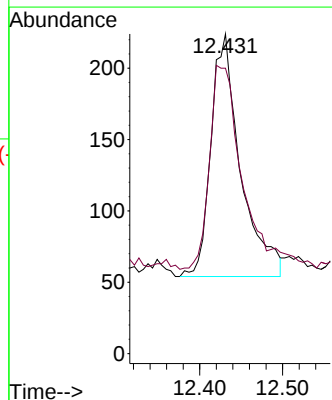
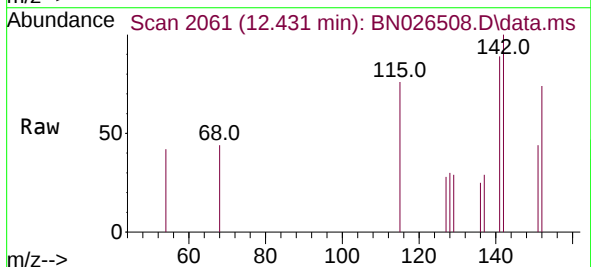
Acq: 14 Jul 2023 20:06

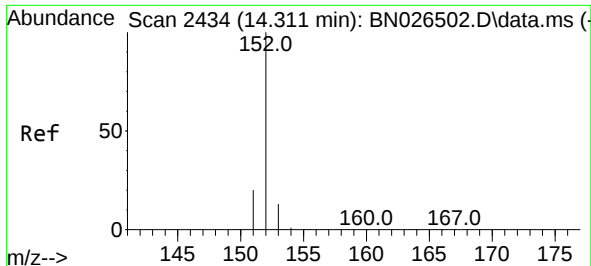
Tgt Ion:142 Resp: 421

Ion	Ratio	Lower	Upper
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142	100		
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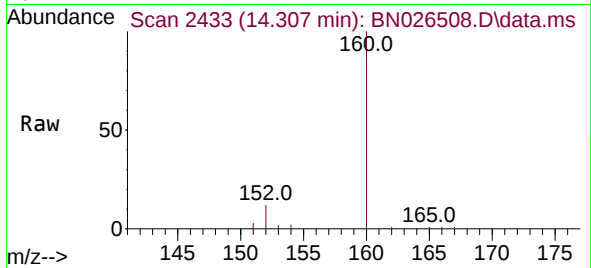
141	90.7	72.3	108.5
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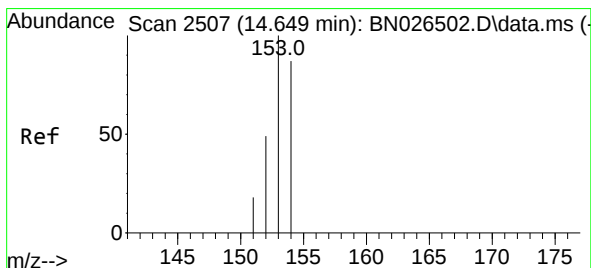
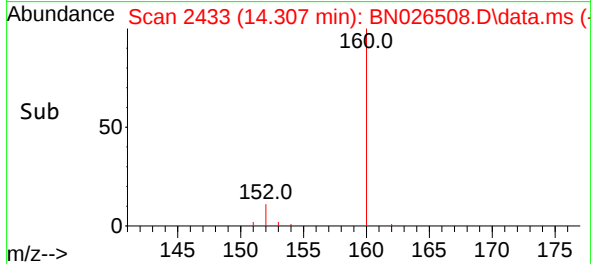
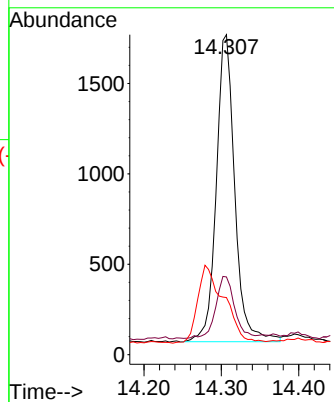


#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 14.307 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

Instrument :
BNA_N
ClientSampleId :

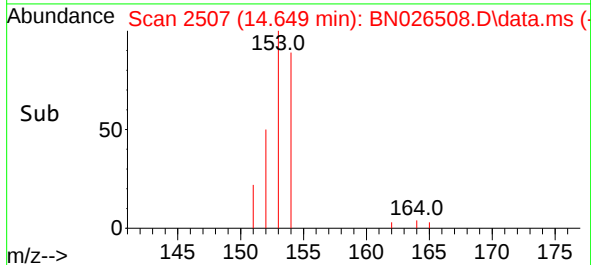
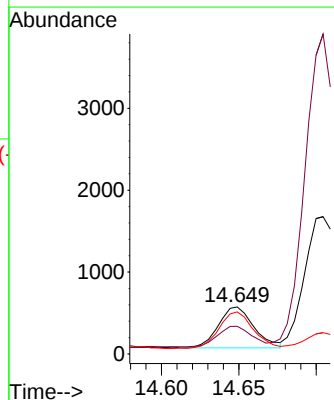
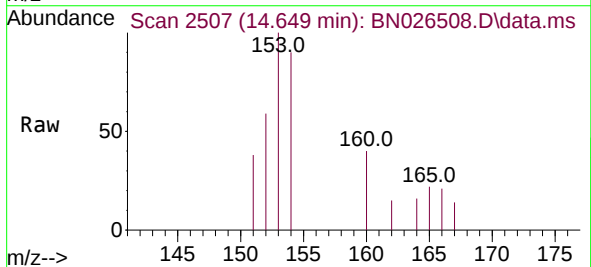


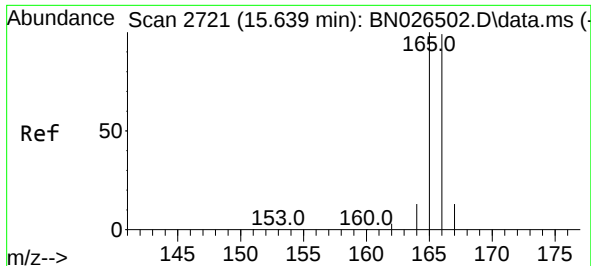
Tgt Ion:152 Resp: 2812
Ion Ratio Lower Upper
152 100
151 24.3 17.0 25.6
153 17.9 11.4 17.2#



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

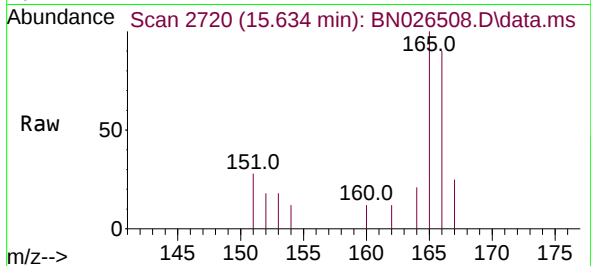
Tgt Ion:153 Resp: 796
Ion Ratio Lower Upper
153 100
152 59.1 40.2 60.4
154 89.7 69.3 103.9



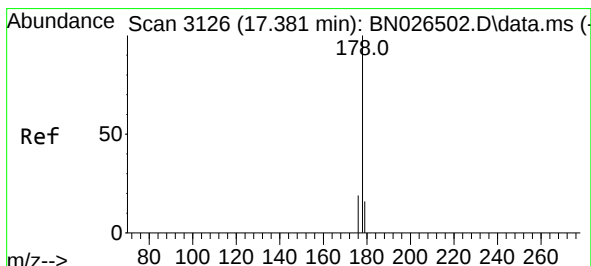
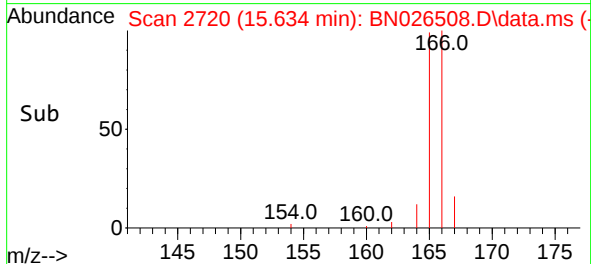
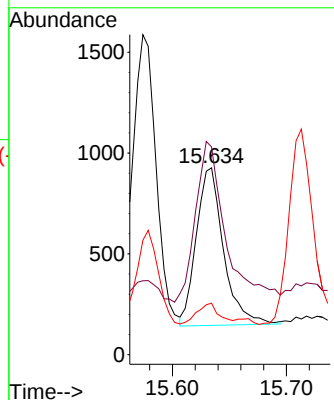


#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

Instrument :
BNA_N
ClientSampleId :

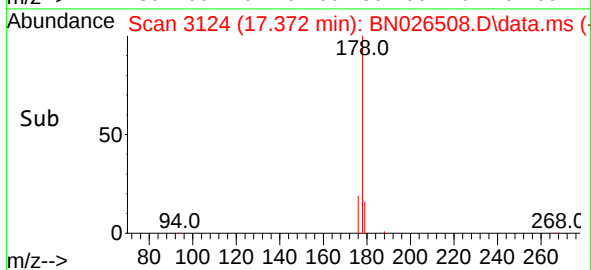
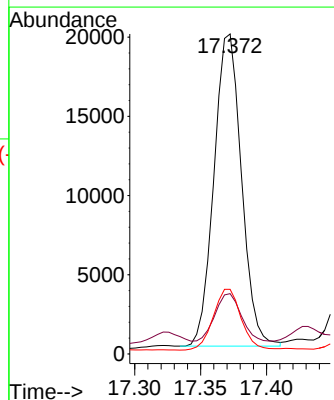
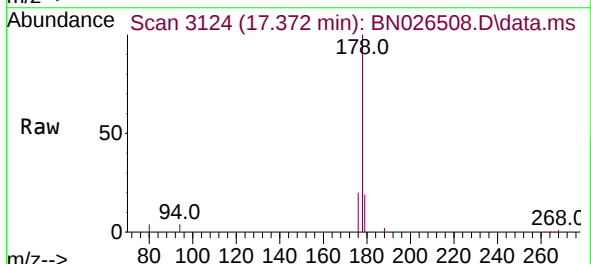


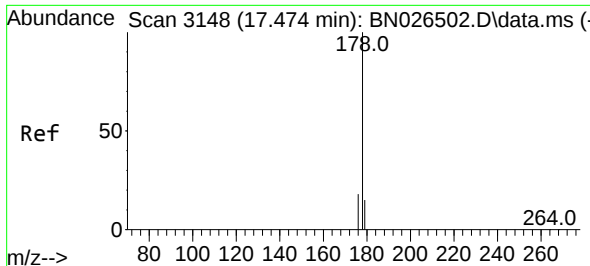
Tgt Ion:166 Resp: 1299
Ion Ratio Lower Upper
166 100
165 111.1 80.6 120.8
167 27.5 12.0 18.0#



#15
Phenanthrene
Concen: 0.574 ng/ul
RT: 17.372 min Scan# 3124
Delta R.T. -0.008 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

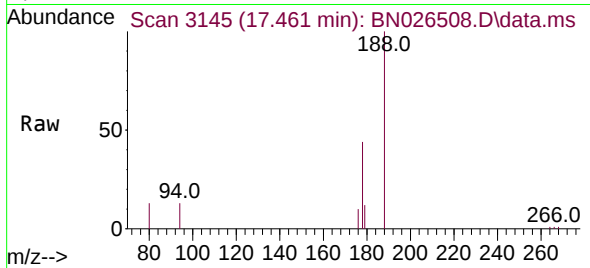
Tgt Ion:178 Resp: 28594
Ion Ratio Lower Upper
178 100
179 18.9 13.7 20.5
176 20.2 16.5 24.7



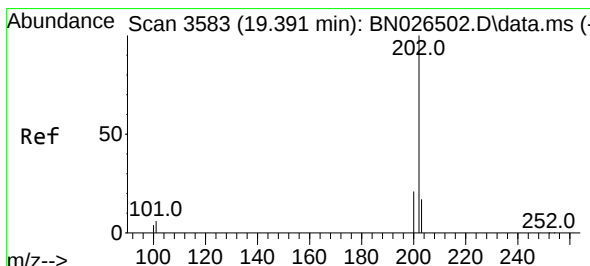
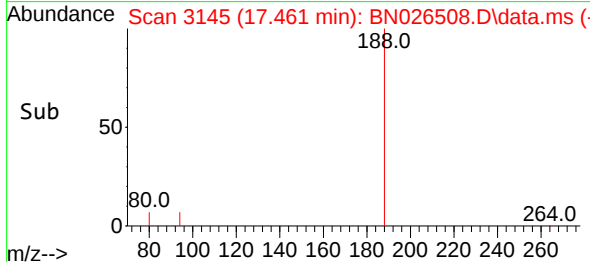
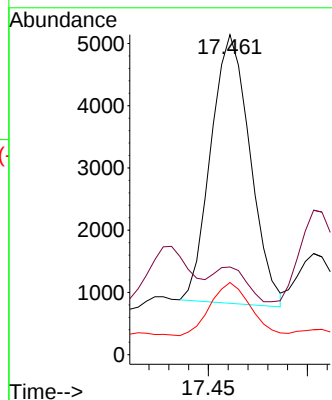


#16
 Anthracene
 Concen: 0.137 ng/ul
 RT: 17.461 min Scan# 3145
 Delta R.T. -0.013 min
 Lab File: BN026508.D
 Acq: 14 Jul 2023 20:06

Instrument :
 BNA_N
 ClientSampleId :

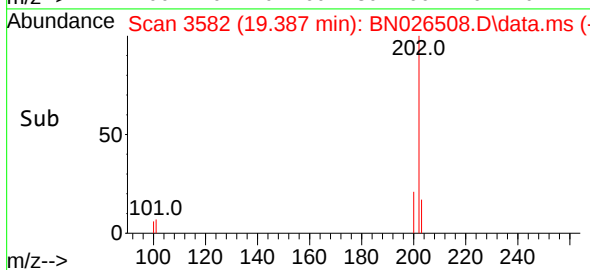
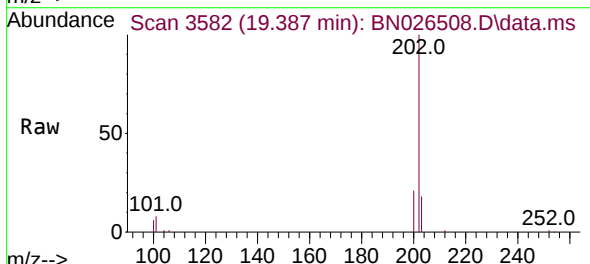
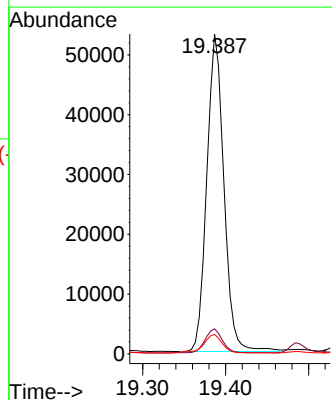


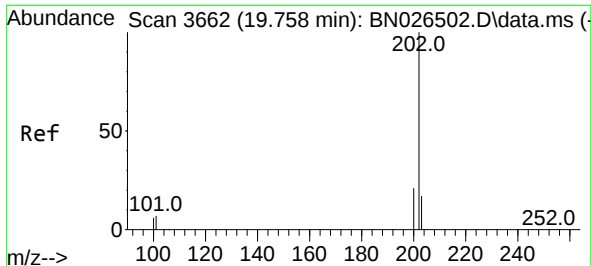
Tgt Ion:178 Resp: 5937
 Ion Ratio Lower Upper
 178 100
 179 27.4 14.8 22.2#
 176 22.6 16.6 25.0



#19
 Fluoranthene
 Concen: 1.249 ng/ul
 RT: 19.387 min Scan# 3582
 Delta R.T. -0.005 min
 Lab File: BN026508.D
 Acq: 14 Jul 2023 20:06

Tgt Ion:202 Resp: 76103
 Ion Ratio Lower Upper
 202 100
 101 7.9 7.0 10.4
 100 6.1 6.0 9.0

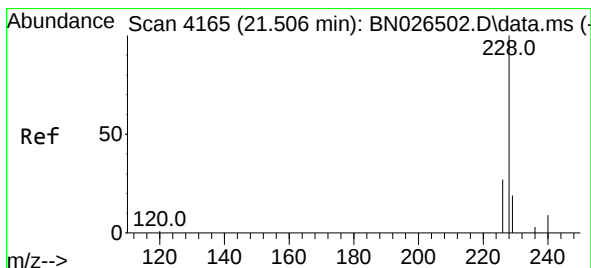
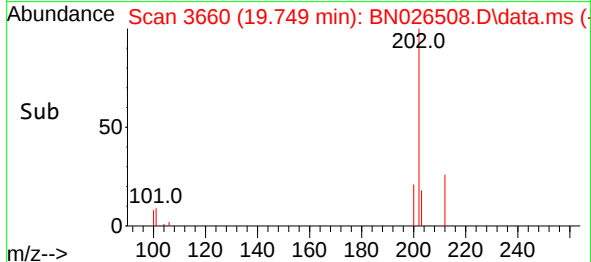
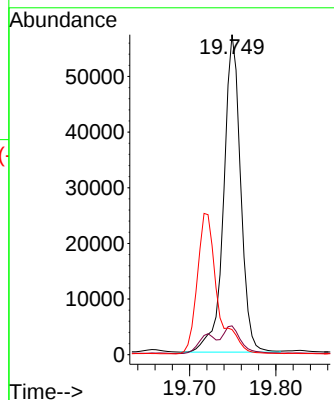
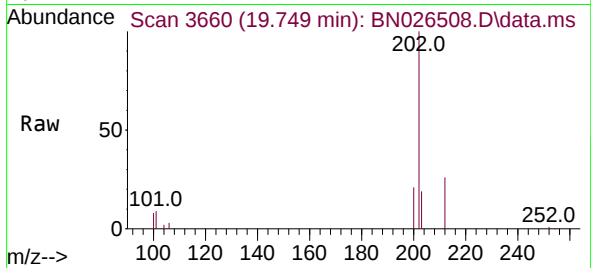




#20
Pyrene
Concen: 1.181 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

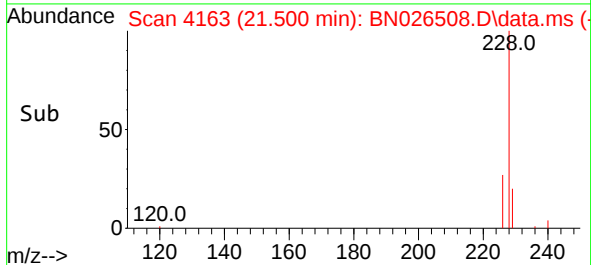
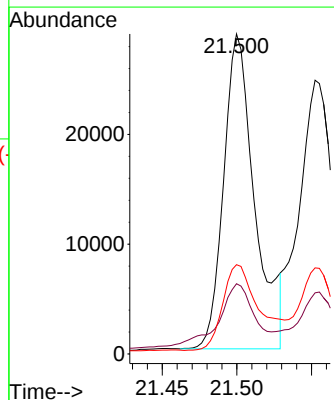
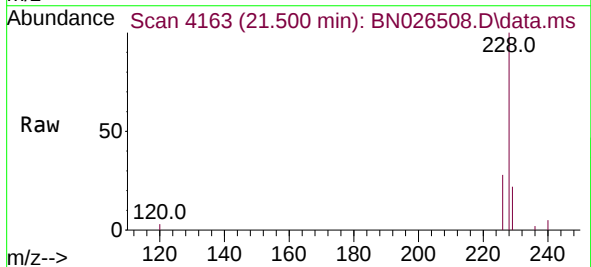
Instrument :
BNA_N
ClientSampleId :

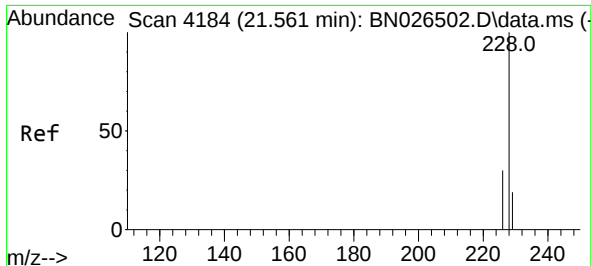
Tgt Ion:202 Resp: 78125
Ion Ratio Lower Upper
202 100
101 9.0 8.0 12.0
100 7.9 6.2 9.2



#21
Benzo(a)anthracene
Concen: 0.866 ng/ul
RT: 21.500 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

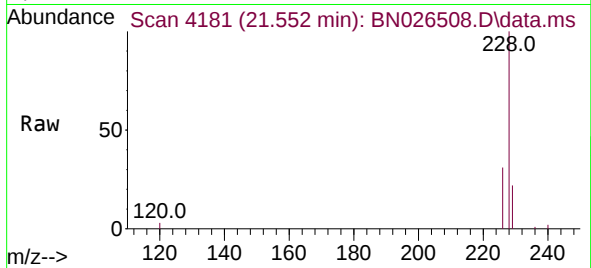
Tgt Ion:228 Resp: 41364
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 27.9 23.5 35.3



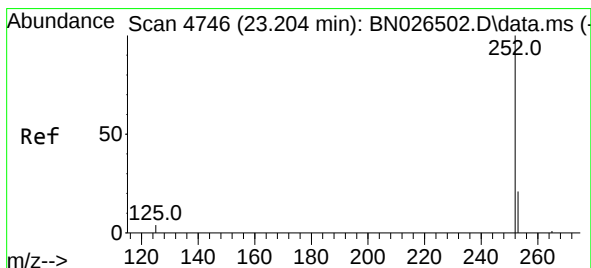
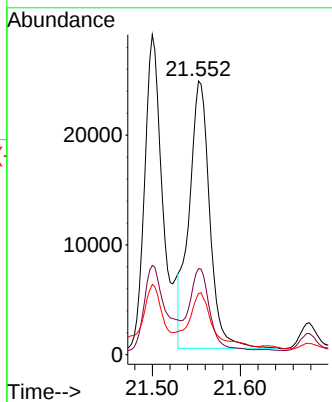
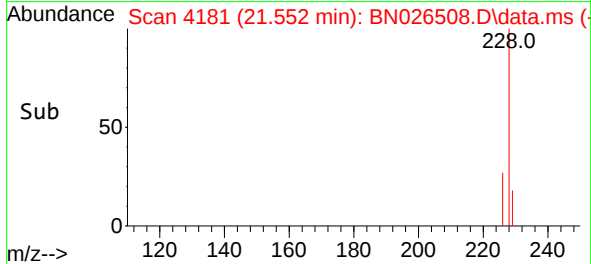


#22
Chrysene
Concen: 0.733 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.009 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

Instrument :
BNA_N
ClientSampleId :

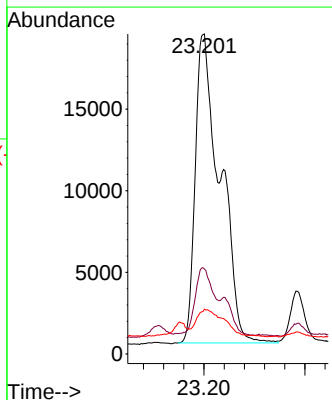
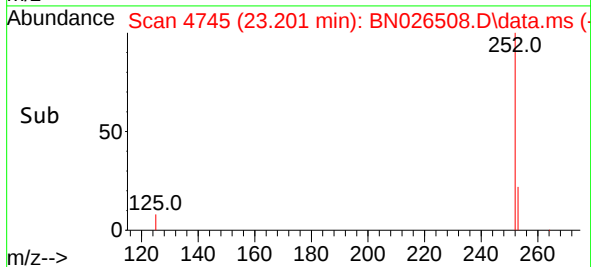
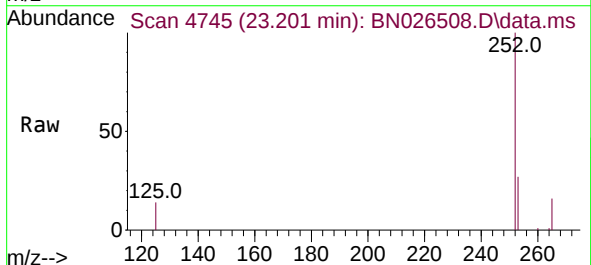


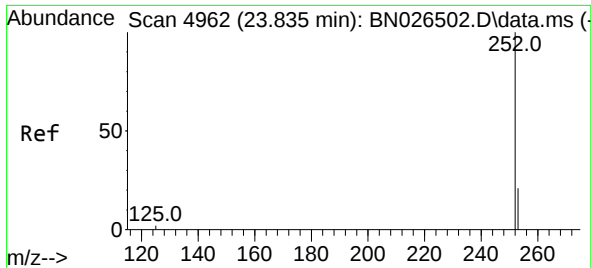
Tgt Ion:228 Resp: 39828
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 22.3 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 1.348 ng/ul
RT: 23.201 min Scan# 4745
Delta R.T. -0.003 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

Tgt Ion:252 Resp: 64816
Ion Ratio Lower Upper
252 100
253 26.6 0.0 68.6
125 14.0 0.0 34.0

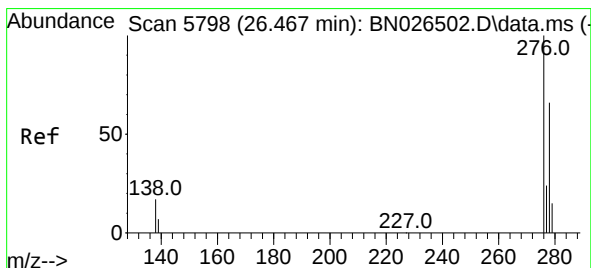
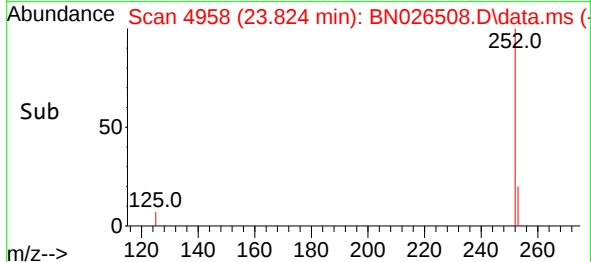
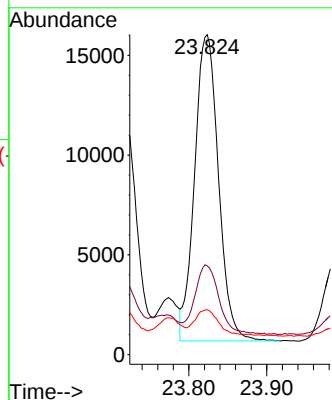
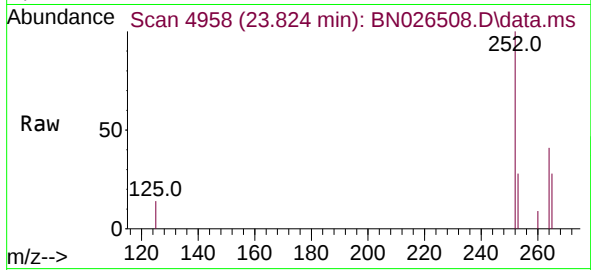




#26
Benzo(a)pyrene
Concen: 0.763 ng/ul
RT: 23.824 min Scan# 4962
Delta R.T. -0.012 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

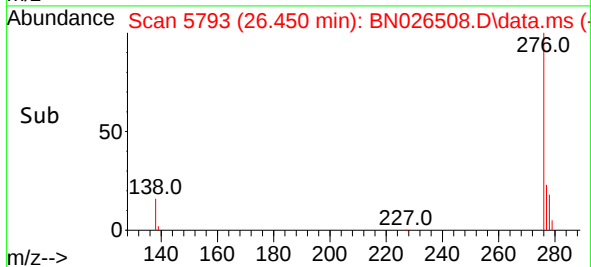
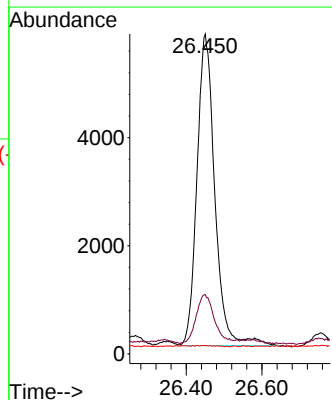
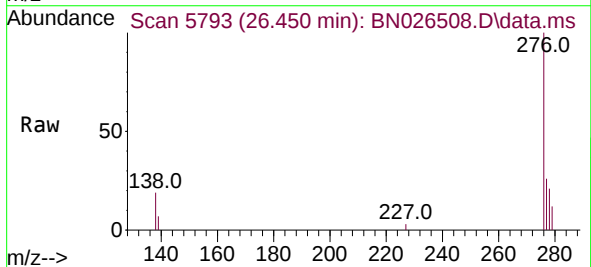
Instrument :
BNA_N
ClientSampleId :

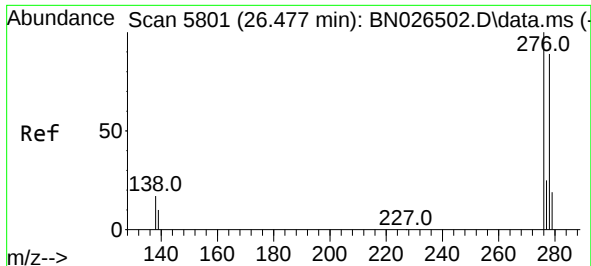
Tgt Ion:252 Resp: 32657
Ion Ratio Lower Upper
252 100
253 27.7 32.6 49.0#
125 14.1 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/ul
RT: 26.450 min Scan# 5793
Delta R.T. -0.017 min
Lab File: BN026508.D
Acq: 14 Jul 2023 20:06

Tgt Ion:276 Resp: 18893
Ion Ratio Lower Upper
276 100
138 16.6 22.2 33.4#
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.098 ng/ul

RT: 26.457 min Scan# 51

Delta R.T. -0.020 min

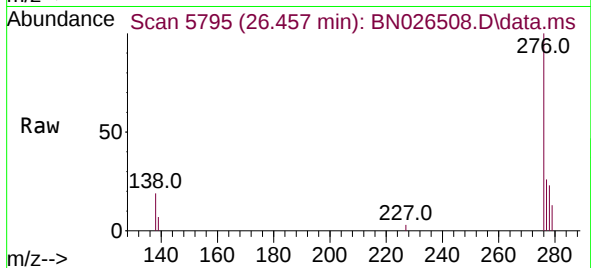
Lab File: BN026508.D

Acq: 14 Jul 2023 20:06

Instrument :

BNA_N

ClientSampleId :



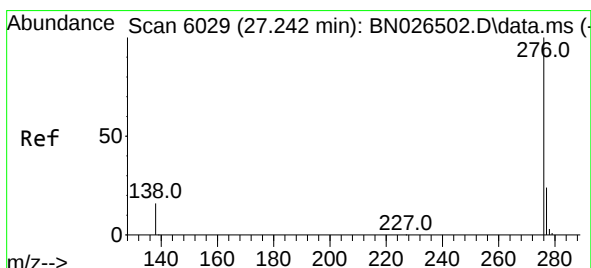
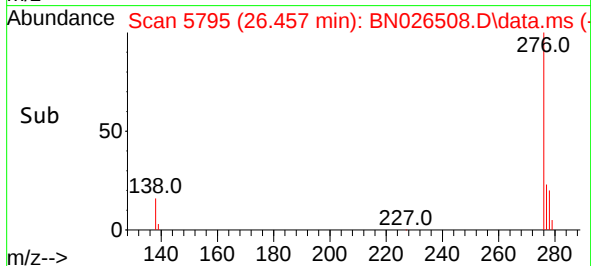
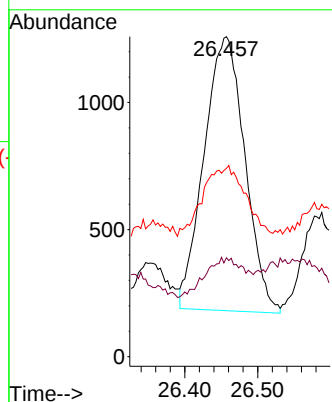
Tgt Ion:278 Resp: 4203

Ion Ratio Lower Upper

278 100

139 30.9 18.9 28.3#

279 58.9 31.3 46.9#



#29

Benzo(g,h,i)perylene

Concen: 0.372 ng/ul

RT: 27.228 min Scan# 6025

Delta R.T. -0.013 min

Lab File: BN026508.D

Acq: 14 Jul 2023 20:06

Tgt Ion:276 Resp: 18443

Ion Ratio Lower Upper

276 100

138 19.8 22.6 34.0#

277 26.3 21.8 32.8

