

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032289.D
 Acq On : 27 Jun 2024 20:42
 Operator : MA/JU
 Sample : P2909-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B81

Quant Time: Jun 28 00:27:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

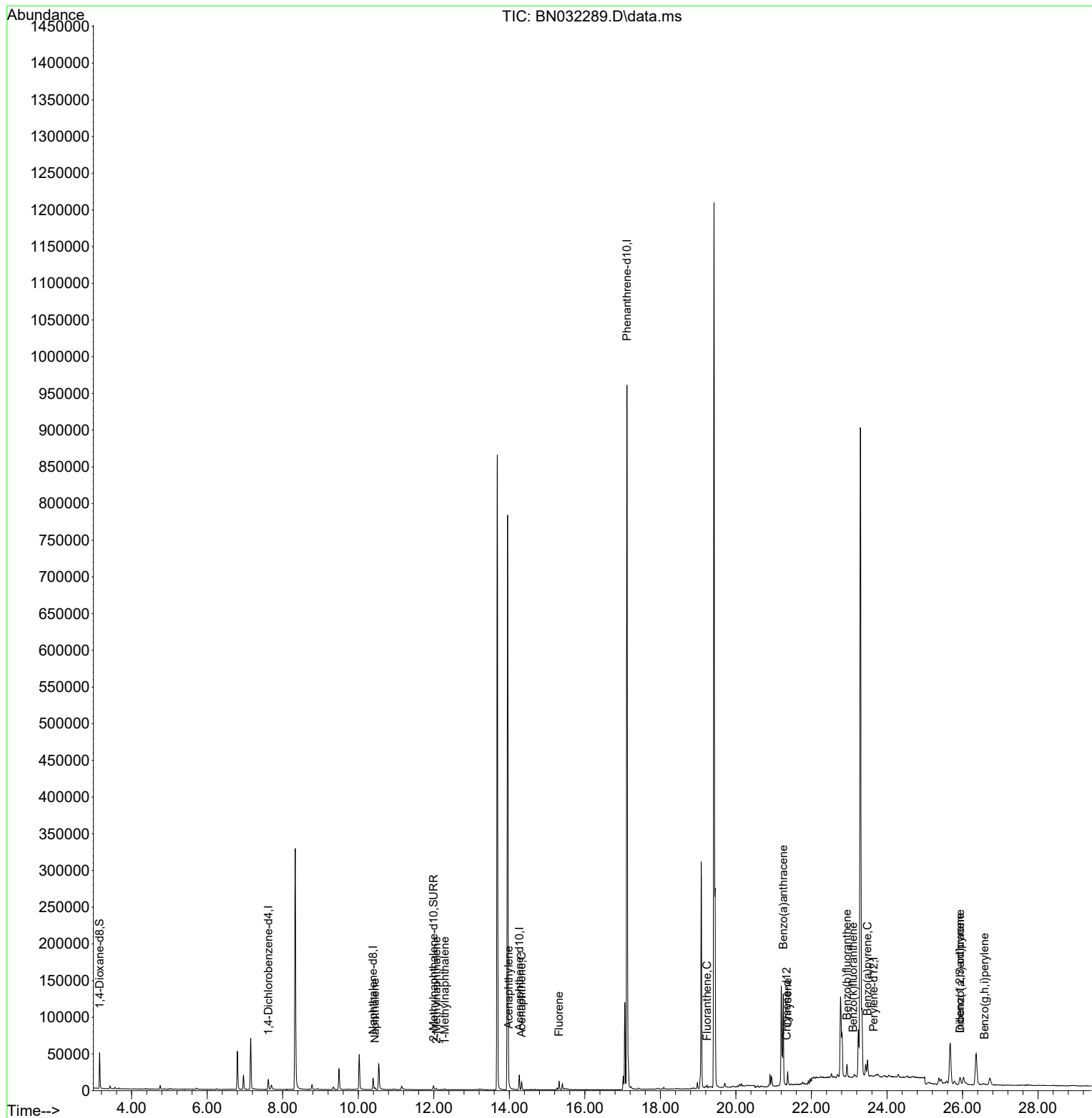
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	7370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	21426	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.267	164	11671	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.117	188	1174039	0.400	ng/ul	0.09
17) Chrysene-d12	21.343	240	122	0.400	ng/ul	# 0.12
23) Perylene-d12	23.646	264	23	0.400	ng/ul	# 0.19
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	31453	3.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	7982	0.248	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	3290	0.058	ng/ul#	89
7) 2-Methylnaphthalene	12.070	142	1316	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.290	142	893	0.023	ng/ul	95
10) Acenaphthylene	13.985	152	4630	0.095	ng/ul#	92
11) Acenaphthene	14.327	153	6257	0.166	ng/ul	99
12) Fluorene	15.317	166	7641	0.170	ng/ul	99
19) Fluoranthene	19.236	202	2627	5.655	ng/ul#	71
21) Benzo(a)anthracene	21.255	228	107908	245.060	ng/ul	93
22) Chrysene	21.369	228	14688	30.391	ng/ul#	45
24) Benzo(b)fluoranthene	22.942	252	22378	223.946	ng/ul#	52
25) Benzo(k)fluoranthene	23.102	252	180	1.854	ng/ul#	1
26) Benzo(a)pyrene	23.485	252	27895	401.225	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.935	276	3906	35.880	ng/ul#	38
28) Dibenzo(a,h)anthracene	25.938	278	14437	178.492	ng/ul#	56
29) Benzo(g,h,i)perylene	26.582	276	1698	19.582	ng/ul#	1

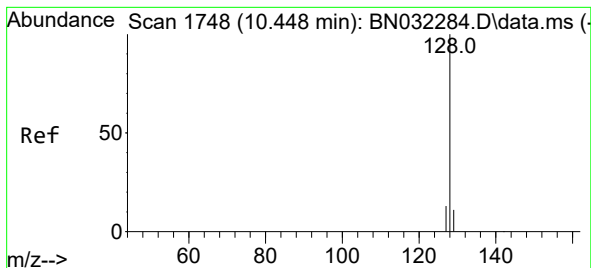
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.058 ng/ul

RT: 10.442 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BN032289.D

Acq: 27 Jun 2024 20:42

Instrument :

BNA_N

ClientSampleId :

A4B81

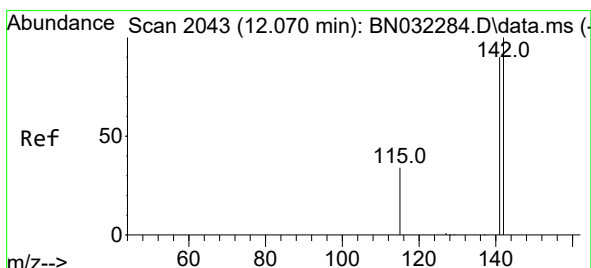
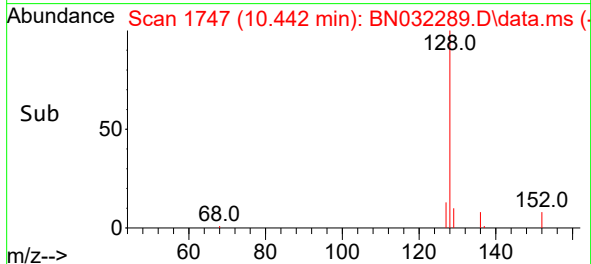
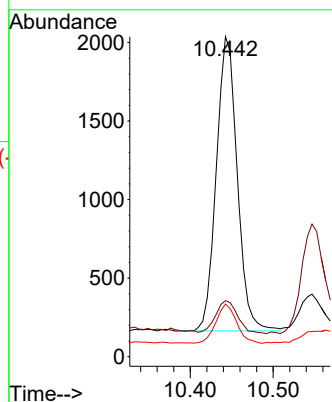
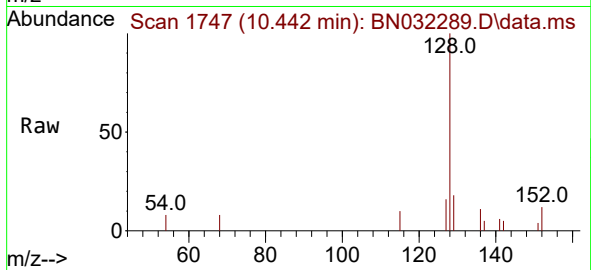
Tgt Ion:128 Resp: 3290

Ion Ratio Lower Upper

128 100

129 17.5 9.2 13.8#

127 16.4 10.8 16.2#



#7

2-Methylnaphthalene

Concen: 0.035 ng/ul

RT: 12.070 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BN032289.D

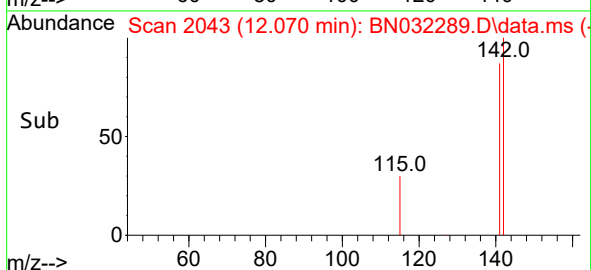
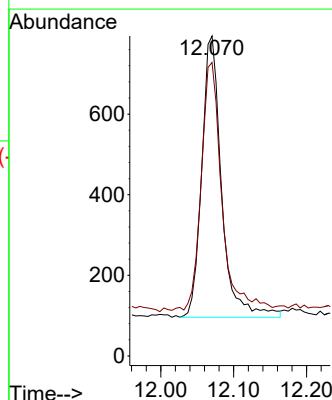
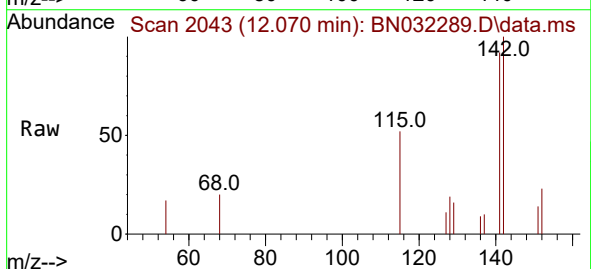
Acq: 27 Jun 2024 20:42

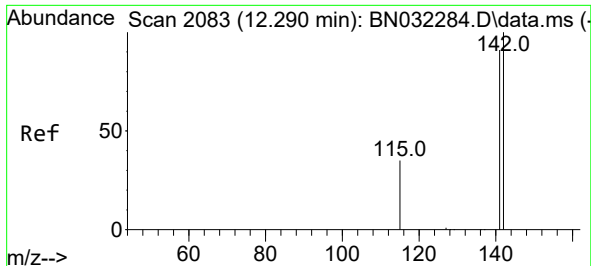
Tgt Ion:142 Resp: 1316

Ion Ratio Lower Upper

142 100

141 92.2 72.2 108.2

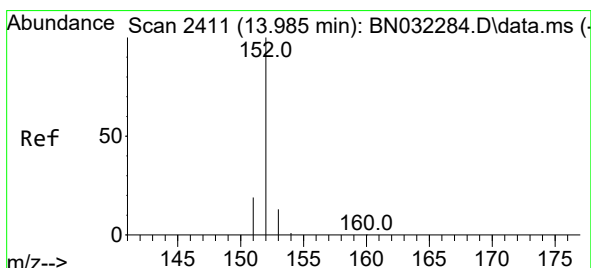
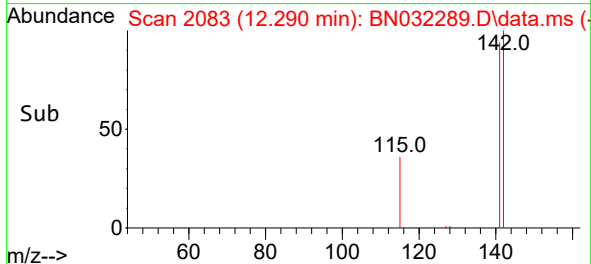
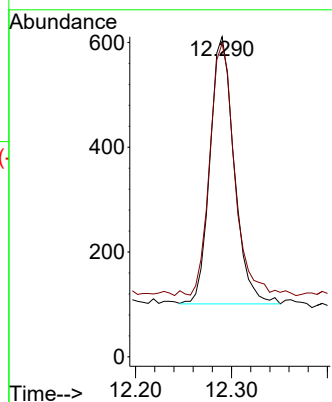
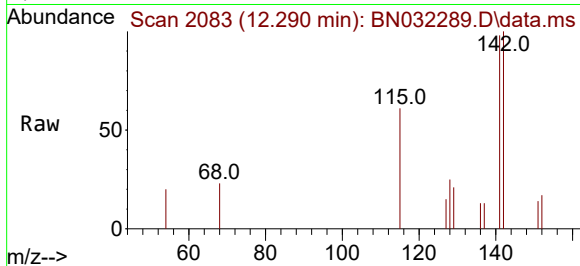




#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

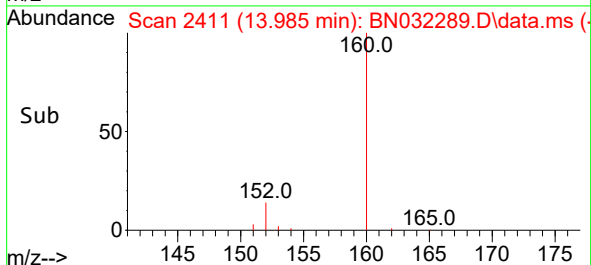
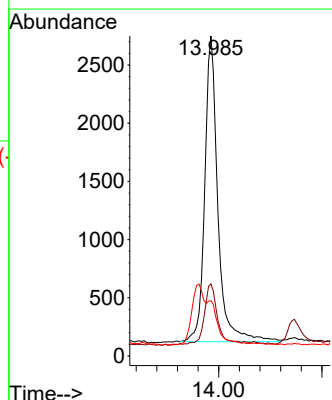
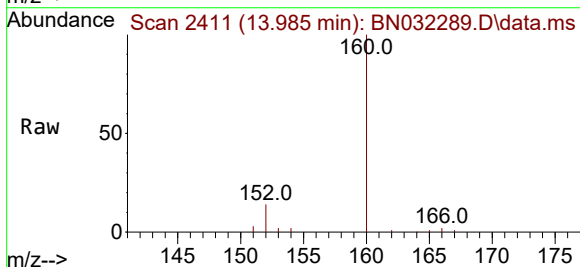
Instrument :
BNA_N
ClientSampleId :
A4B81

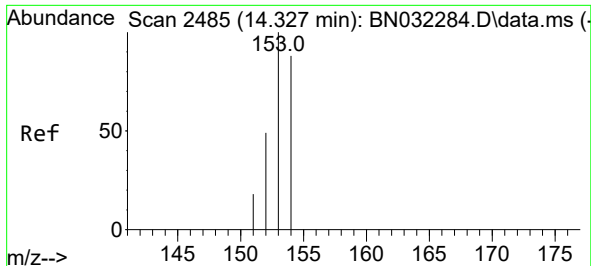
Tgt Ion:142 Resp: 893
Ion Ratio Lower Upper
142 100
141 96.6 73.4 110.0



#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

Tgt Ion:152 Resp: 4630
Ion Ratio Lower Upper
152 100
151 22.5 15.7 23.5
153 17.3 10.9 16.3#

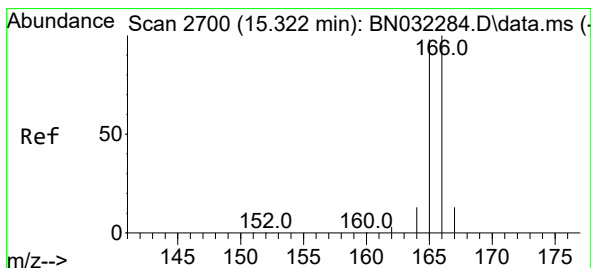
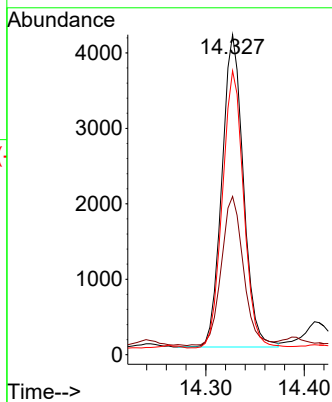
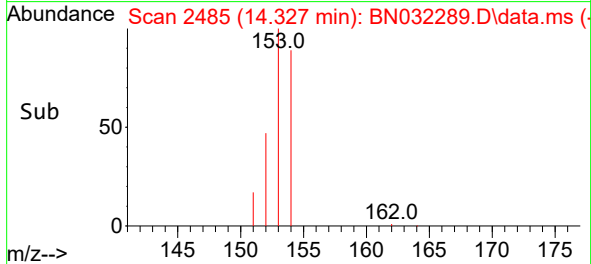
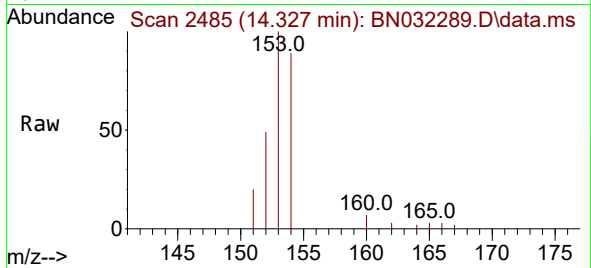




#11
Acenaphthene
Concen: 0.166 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

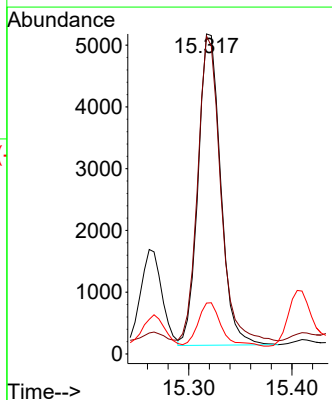
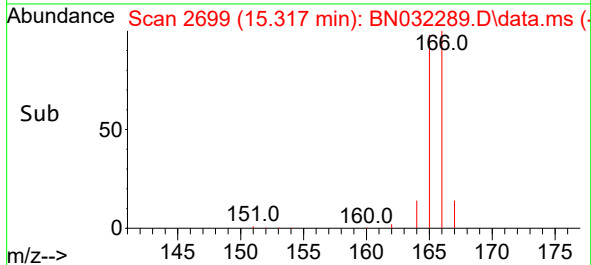
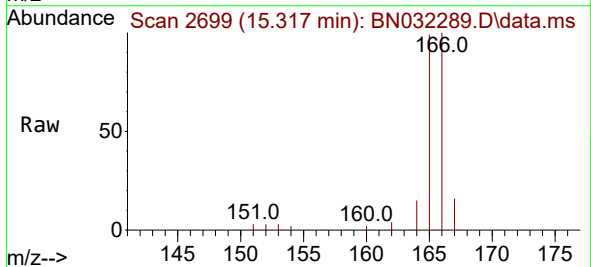
Instrument :
BNA_N
ClientSampleId :
A4B81

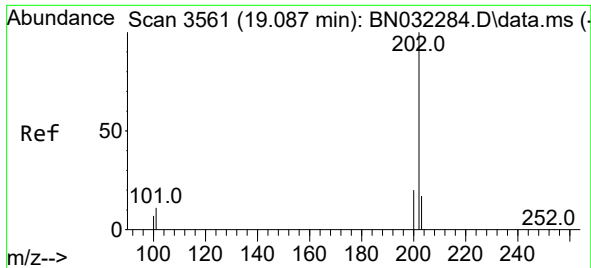
Tgt Ion:153 Resp: 6257
Ion Ratio Lower Upper
153 100
152 49.5 39.5 59.3
154 88.7 71.7 107.5



#12
Fluorene
Concen: 0.170 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

Tgt Ion:166 Resp: 7641
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 15.9 11.0 16.6

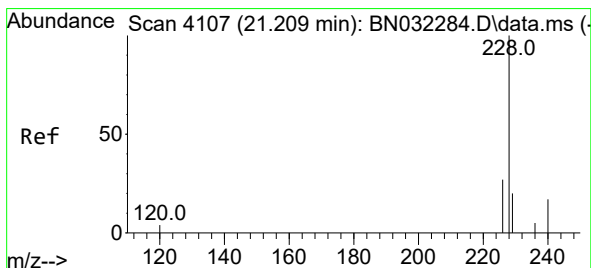
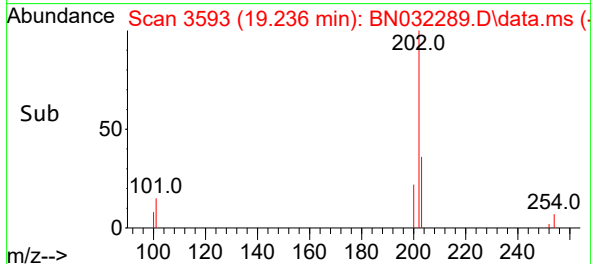
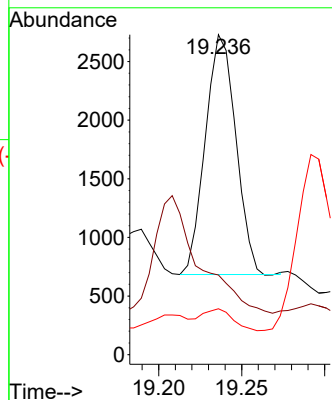
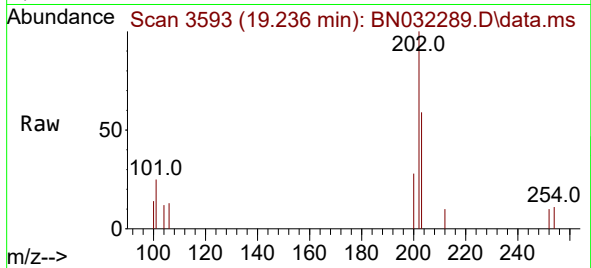




#19
Fluoranthene
Concen: 5.655 ng/ul
RT: 19.236 min Scan# 31
Delta R.T. 0.144 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

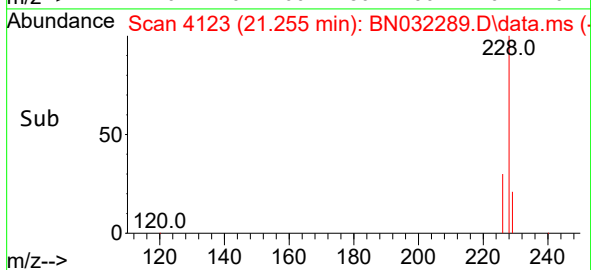
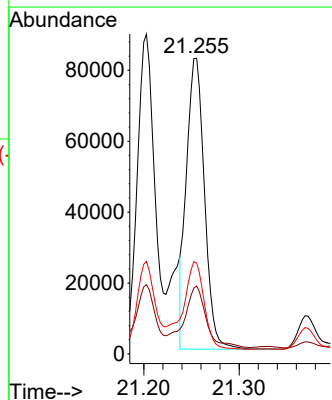
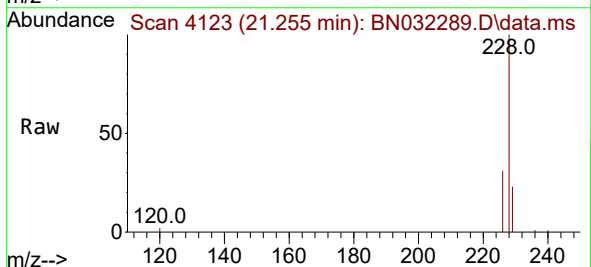
Instrument :
BNA_N
ClientSampleId :
A4B81

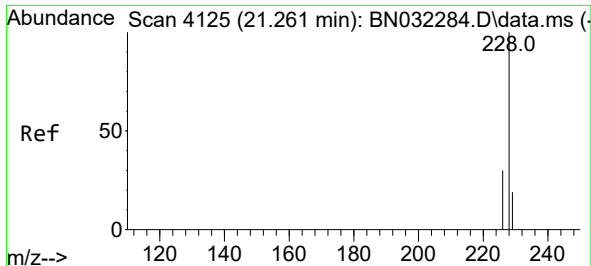
Tgt Ion:202 Resp: 2627
Ion Ratio Lower Upper
202 100
101 24.9 8.8 13.2#
100 14.3 6.4 9.6#



#21
Benzo(a)anthracene
Concen: 245.060 ng/ul
RT: 21.255 min Scan# 4123
Delta R.T. 0.041 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

Tgt Ion:228 Resp: 107908
Ion Ratio Lower Upper
228 100
229 23.0 15.7 23.5
226 30.8 21.8 32.8





#22

Chrysene

Concen: 30.391 ng/ul

RT: 21.369 min Scan# 41

Delta R.T. 0.102 min

Lab File: BN032289.D

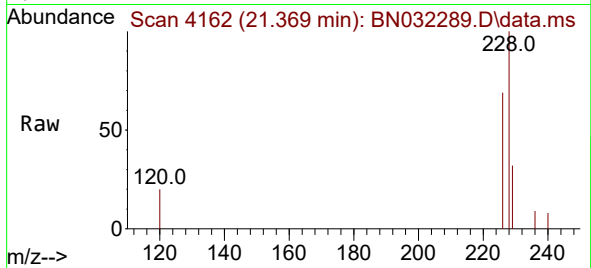
Acq: 27 Jun 2024 20:42

Instrument :

BNA_N

ClientSampleId :

A4B81



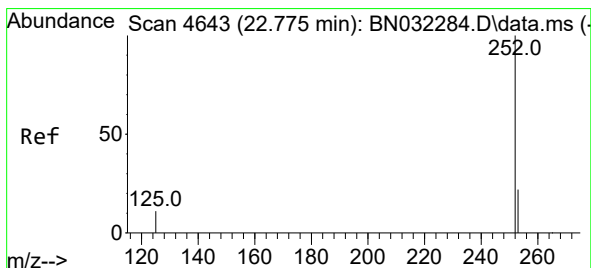
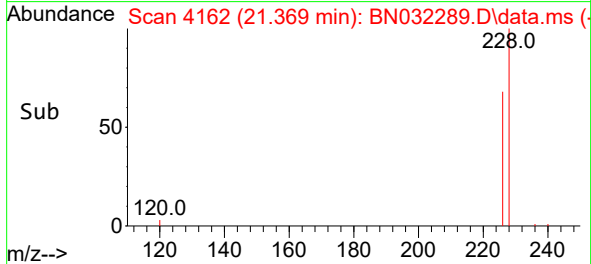
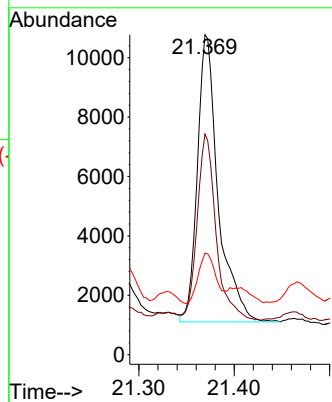
Tgt Ion:228 Resp: 14688

Ion Ratio Lower Upper

228 100

226 69.0 23.6 35.4#

229 31.8 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 223.946 ng/ul

RT: 22.942 min Scan# 4700

Delta R.T. 0.158 min

Lab File: BN032289.D

Acq: 27 Jun 2024 20:42

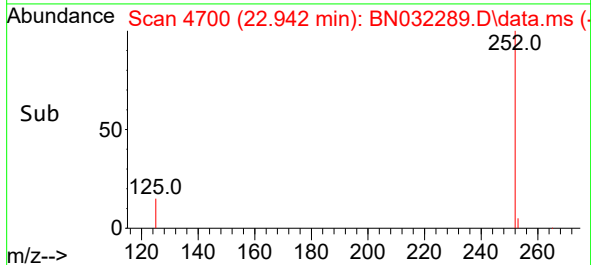
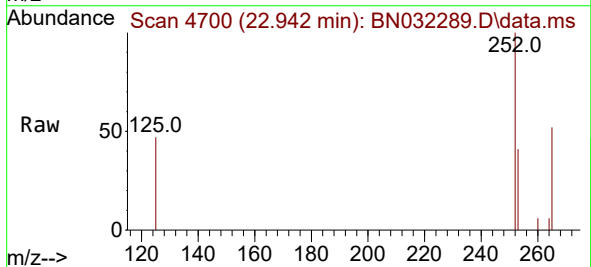
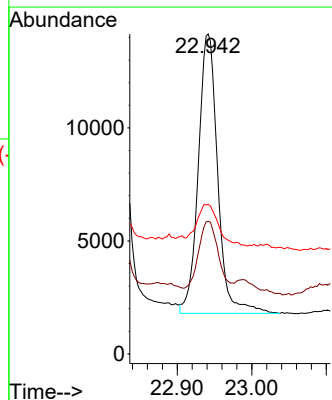
Tgt Ion:252 Resp: 22378

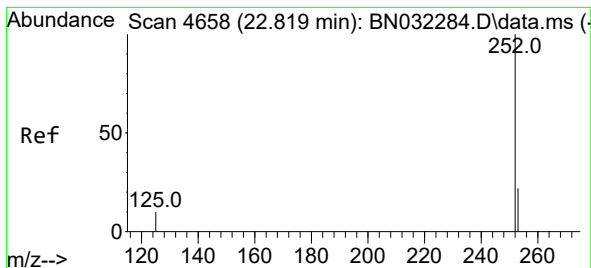
Ion Ratio Lower Upper

252 100

253 41.4 0.0 50.2

125 46.8 0.0 32.0#





#25

Benzo(k)fluoranthene

Concen: 1.854 ng/ul

RT: 23.102 min Scan# 41

Delta R.T. 0.275 min

Lab File: BN032289.D

Acq: 27 Jun 2024 20:42

Instrument :

BNA_N

ClientSampleId :

A4B81

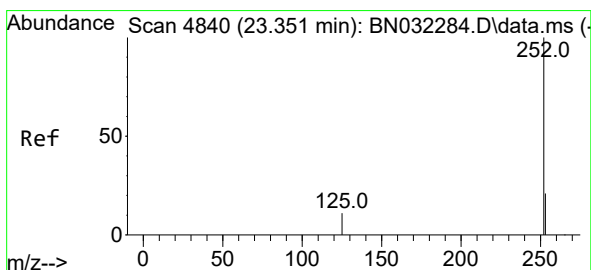
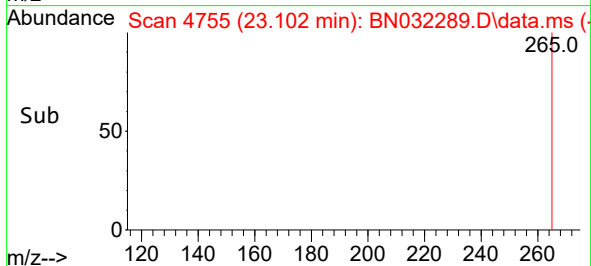
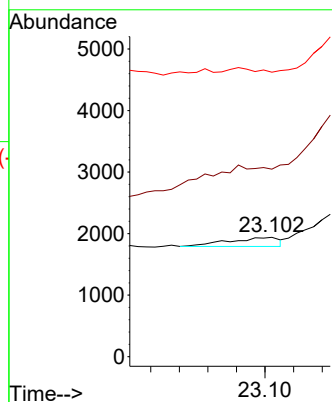
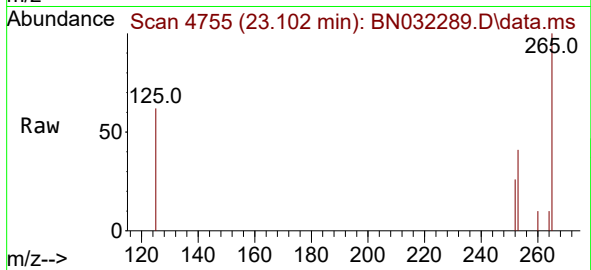
Tgt Ion:252 Resp: 180

Ion Ratio Lower Upper

252 100

253 157.1 20.3 30.5#

125 238.2 12.8 19.2#



#26

Benzo(a)pyrene

Concen: 401.225 ng/ul

RT: 23.485 min Scan# 4886

Delta R.T. 0.126 min

Lab File: BN032289.D

Acq: 27 Jun 2024 20:42

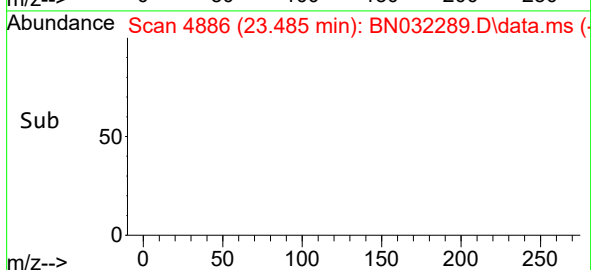
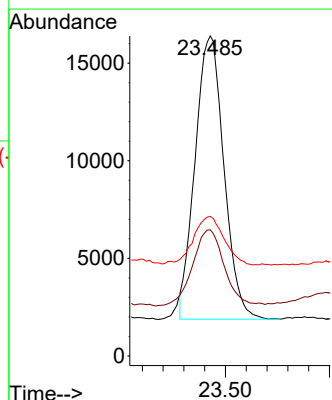
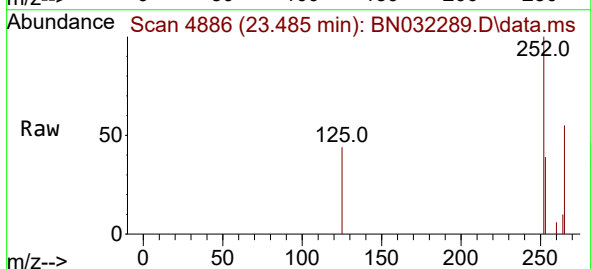
Tgt Ion:252 Resp: 27895

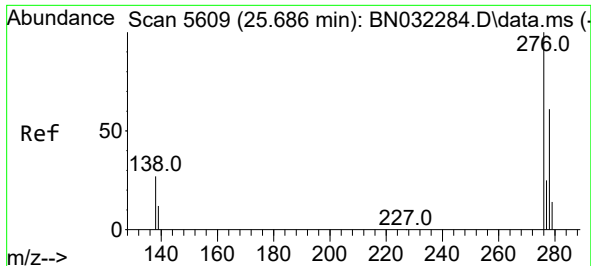
Ion Ratio Lower Upper

252 100

253 39.4 22.2 33.2#

125 43.6 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 35.880 ng/ul

RT: 25.935 min Scan# 5609

Delta R.T. 0.235 min

Lab File: BN032289.D

Acq: 27 Jun 2024 20:42

Instrument :

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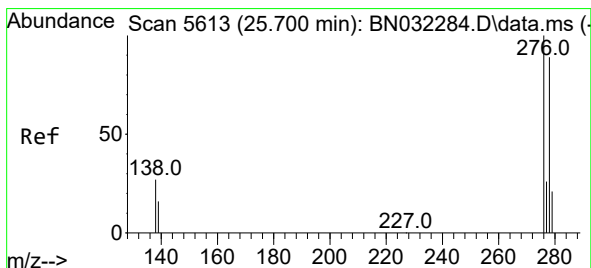
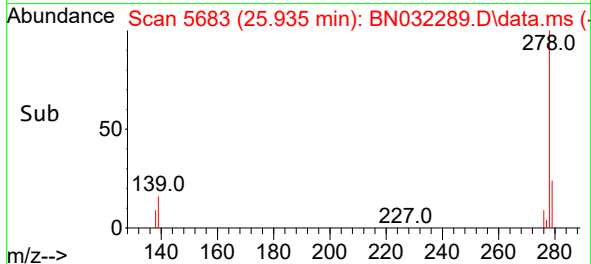
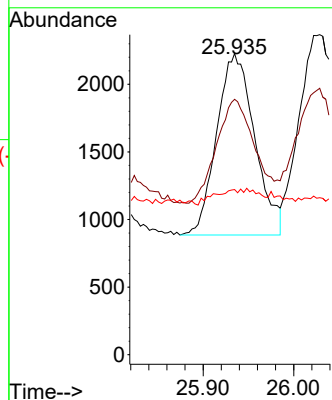
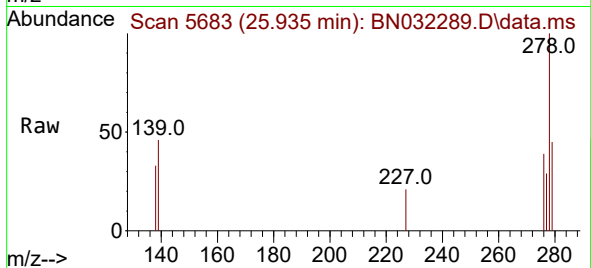
Tgt Ion:276 Resp: 3906

Ion Ratio Lower Upper

276 100

138 58.6 21.3 31.9#

227 6.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 178.492 ng/ul

RT: 25.938 min Scan# 5684

Delta R.T. 0.228 min

Lab File: BN032289.D

Acq: 27 Jun 2024 20:42

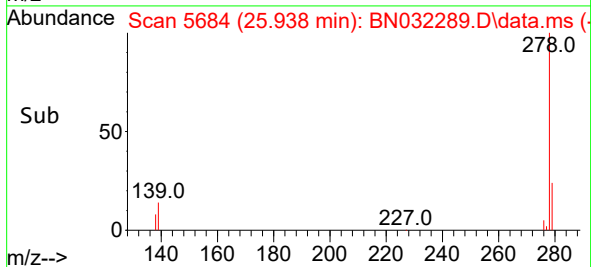
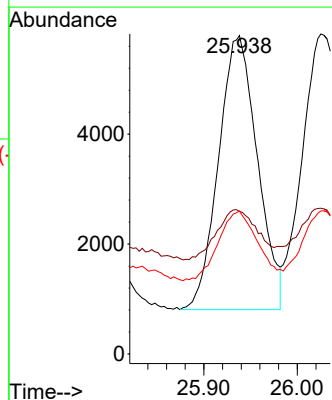
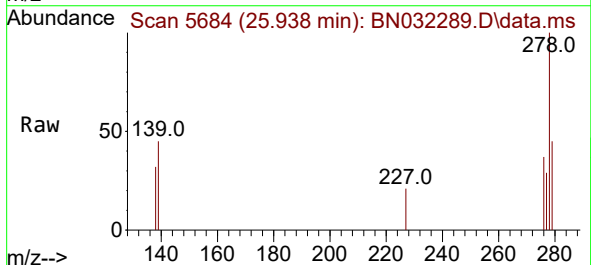
Tgt Ion:278 Resp: 14437

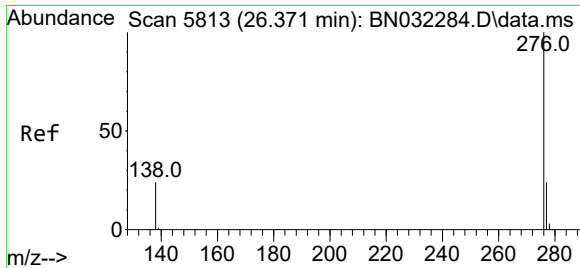
Ion Ratio Lower Upper

278 100

139 44.8 15.9 23.9#

279 44.9 21.1 31.7#





#29

Benzo(g,h,i)perylene

Concen: 19.582 ng/ul

RT: 26.582 min Scan# 51

Delta R.T. 0.201 min

Lab File: BN032289.D

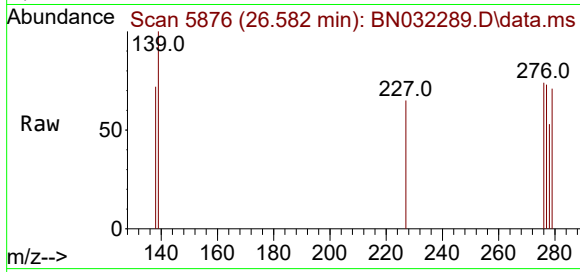
Acq: 27 Jun 2024 20:42

Instrument :

BNA_N

ClientSampleId :

A4B81



Tgt Ion:276 Resp: 1698

Ion Ratio Lower Upper

276 100

138 97.1 19.8 29.6#

277 98.9 19.8 29.6#

