

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032054.D
 Acq On : 18 Jun 2024 20:55
 Operator : MA/JU
 Sample : P2696-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B92

Quant Time: Jun 18 22:56:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

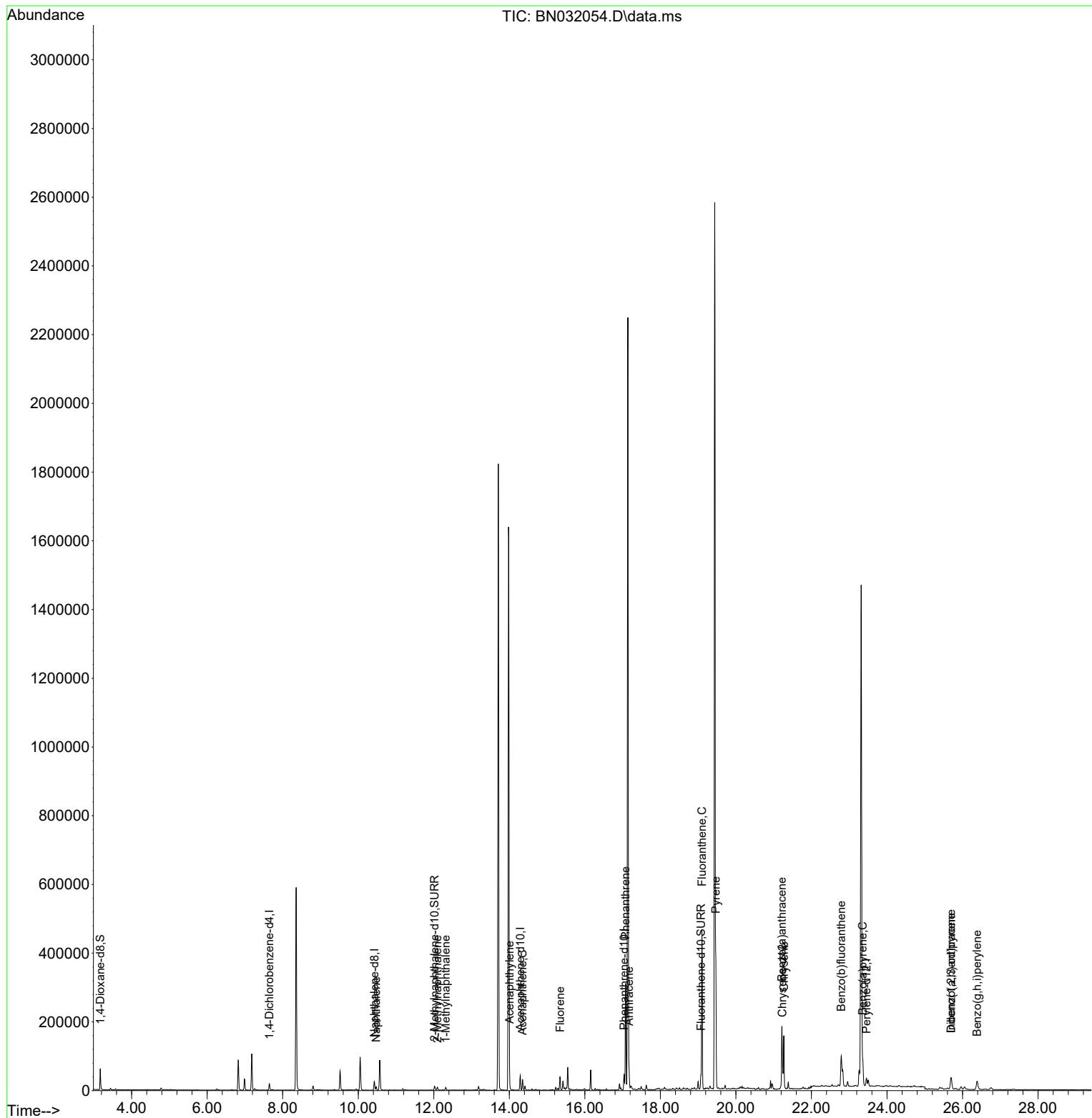
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.650	152	9742	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	35457	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	23403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	55126	0.400	ng/ul	0.00
17) Chrysene-d12	21.232	240	37033	0.400	ng/ul	0.00
23) Perylene-d12	23.456	264	33845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	41503	3.974	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	17189	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	43369	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	13746	0.146	ng/ul	98
7) 2-Methylnaphthalene	12.098	142	7159	0.109	ng/ul	99
8) 1-Methylnaphthalene	12.318	142	6099	0.090	ng/ul	96
10) Acenaphthylene	14.008	152	3543	0.035	ng/ul#	78
11) Acenaphthene	14.350	153	18242	0.244	ng/ul	99
12) Fluorene	15.345	166	24947	0.274	ng/ul	99
15) Phenanthrene	17.079	178	331128	2.130	ng/ul	100
16) Anthracene	17.172	178	48037	0.343	ng/ul	99
19) Fluoranthene	19.101	202	390245	2.861	ng/ul	99
20) Pyrene	19.468	202	311944	2.183	ng/ul	99
21) Benzo(a)anthracene	21.217	228	149116	1.050	ng/ul	98
22) Chrysene	21.270	228	150956	1.066	ng/ul	97
24) Benzo(b)fluoranthene	22.789	252	198023	1.332	ng/ul	96
26) Benzo(a)pyrene	23.360	252	88735	0.840	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.696	276	54146	0.380	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.700	278	15971	0.145	ng/ul#	77
29) Benzo(g,h,i)perylene	26.387	276	51036	0.450	ng/ul	99

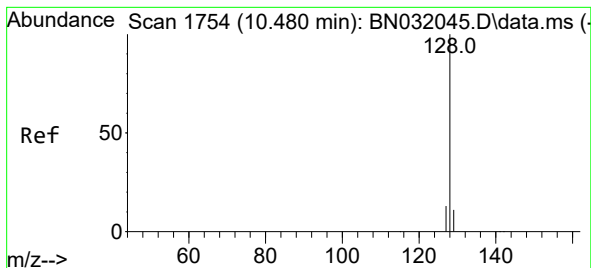
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
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#5

Naphthalene

Concen: 0.146 ng/ul

RT: 10.475 min Scan# 1753

Delta R.T. -0.005 min

Lab File: BN032054.D

Acq: 18 Jun 2024 20:55

Instrument :

BNA_N

ClientSampleId :

A4B92

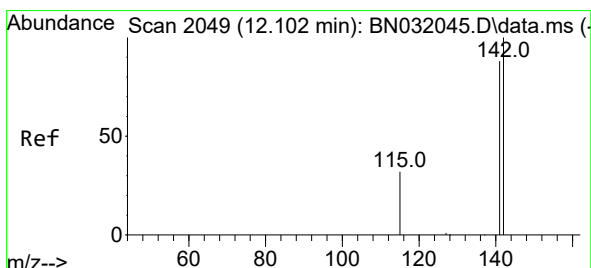
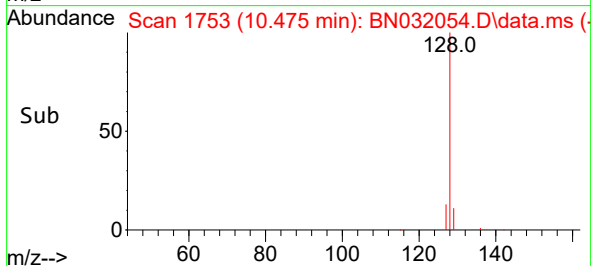
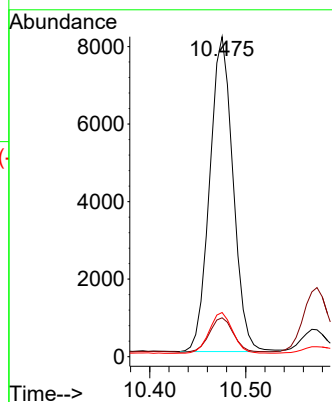
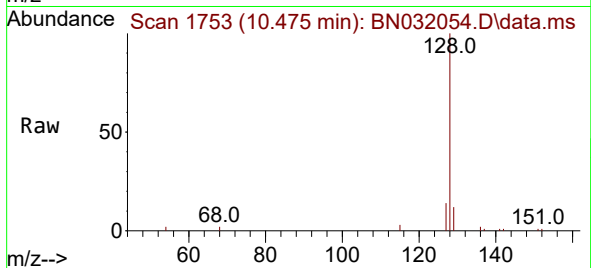
Tgt Ion:128 Resp: 13746

Ion Ratio Lower Upper

128 100

129 12.1 9.3 13.9

127 13.8 10.3 15.5



#7

2-Methylnaphthalene

Concen: 0.109 ng/ul

RT: 12.098 min Scan# 2048

Delta R.T. -0.005 min

Lab File: BN032054.D

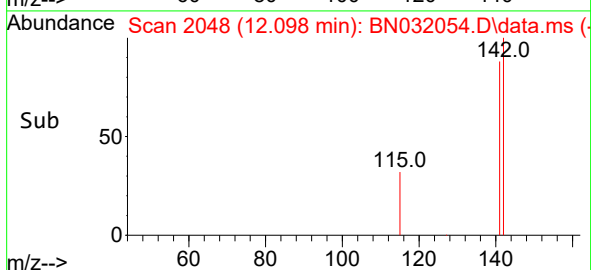
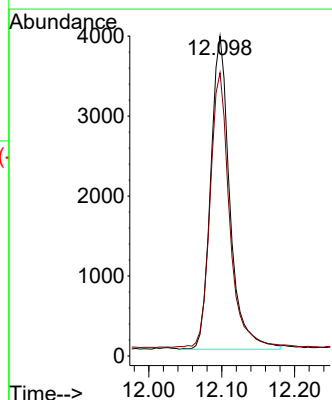
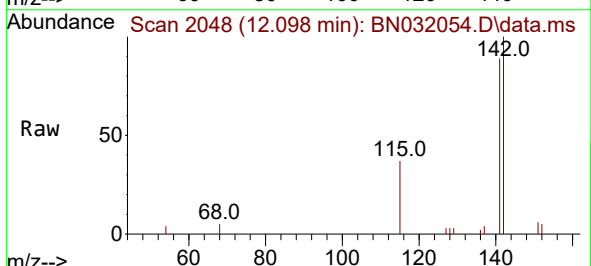
Acq: 18 Jun 2024 20:55

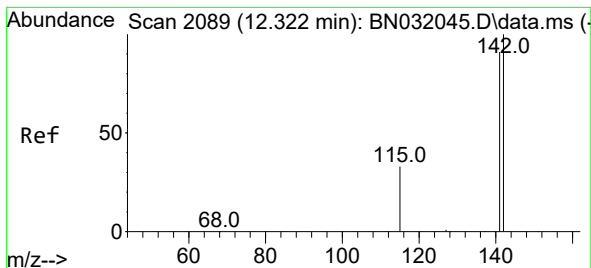
Tgt Ion:142 Resp: 7159

Ion Ratio Lower Upper

142 100

141 88.2 69.7 104.5





#8

1-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 12.318 min Scan# 2088

Delta R.T. -0.005 min

Lab File: BN032054.D

Acq: 18 Jun 2024 20:55

Instrument :

BNA_N

ClientSampleId :

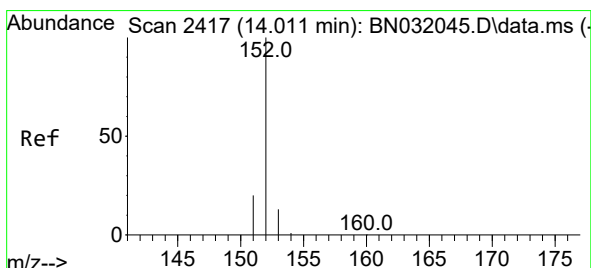
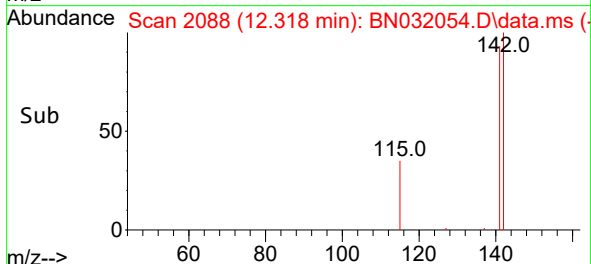
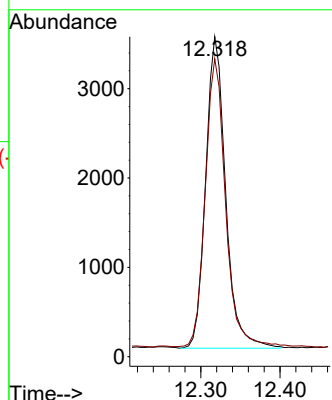
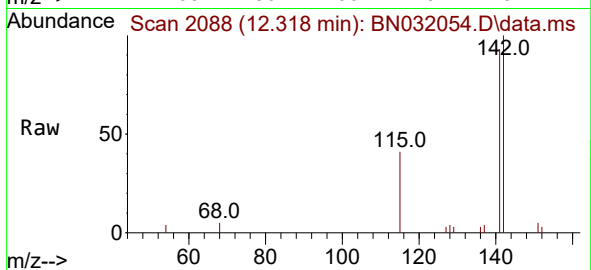
A4B92

Tgt Ion:142 Resp: 6099

Ion Ratio Lower Upper

142 100

141 93.2 71.7 107.5



#10

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.008 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BN032054.D

Acq: 18 Jun 2024 20:55

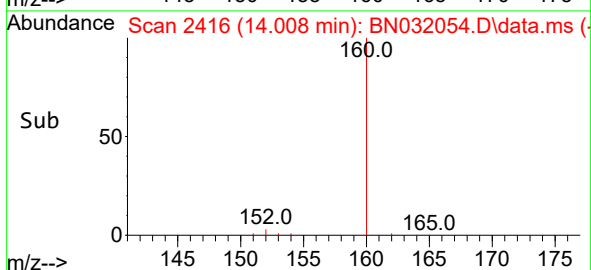
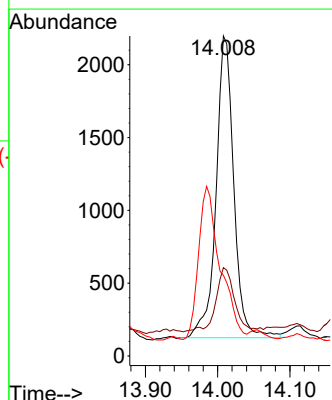
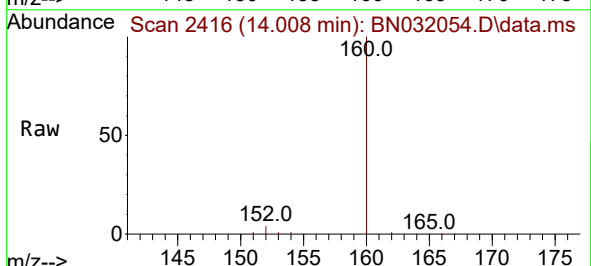
Tgt Ion:152 Resp: 3543

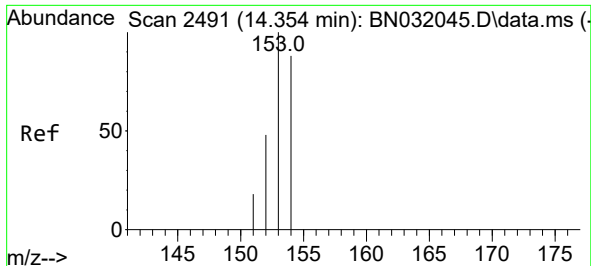
Ion Ratio Lower Upper

152 100

151 27.6 16.1 24.1#

153 25.2 10.6 16.0#

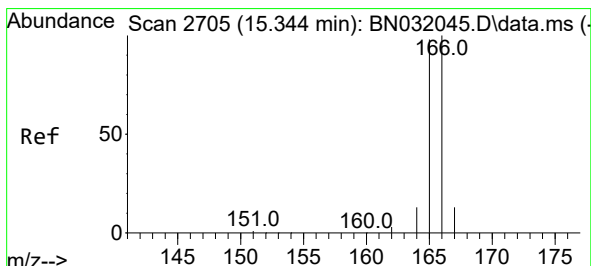
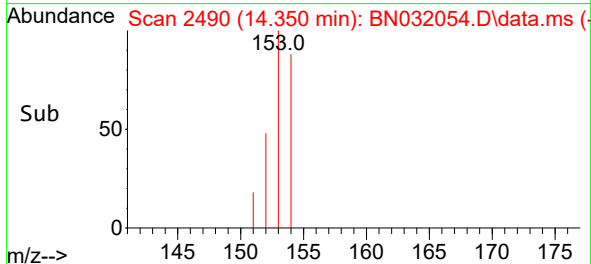
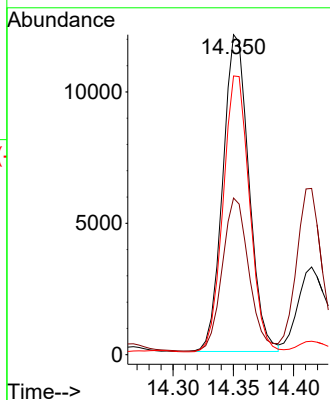
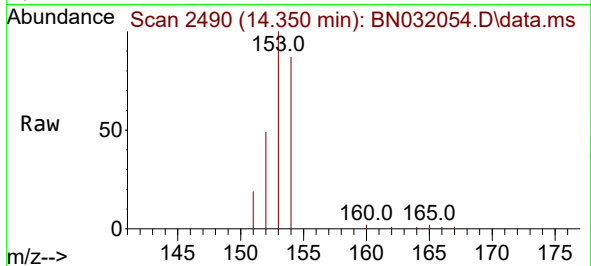




#11
Acenaphthene
Concen: 0.244 ng/ul
RT: 14.350 min Scan# 2491
Delta R.T. -0.004 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

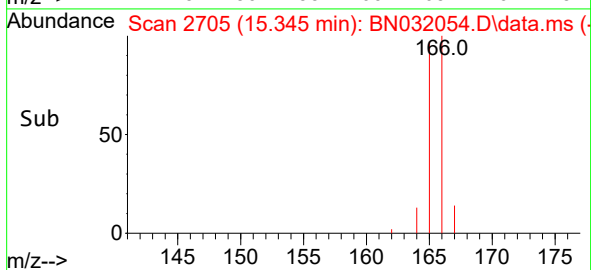
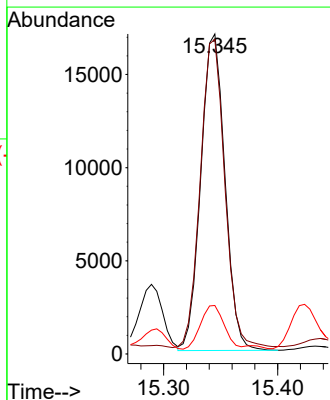
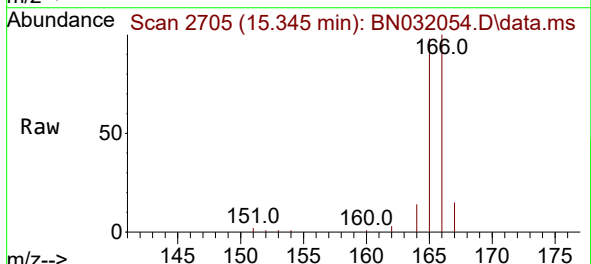
Instrument :
BNA_N
ClientSampleId :
A4B92

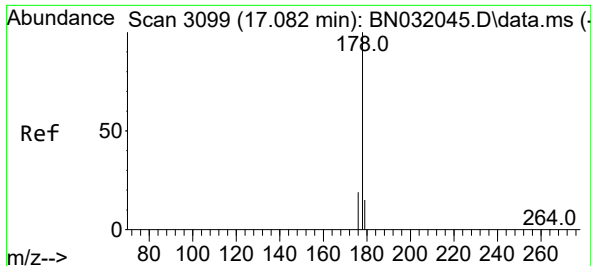
Tgt Ion:153 Resp: 18242
Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.2
154 87.1 71.2 106.8



#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

Tgt Ion:166 Resp: 24947
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 15.2 11.0 16.6

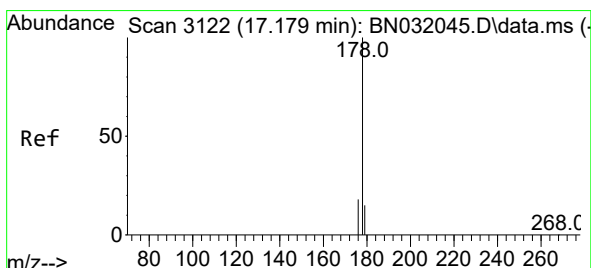
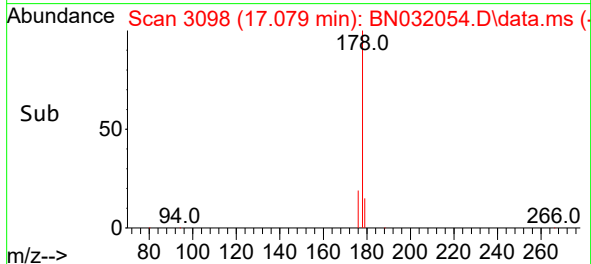
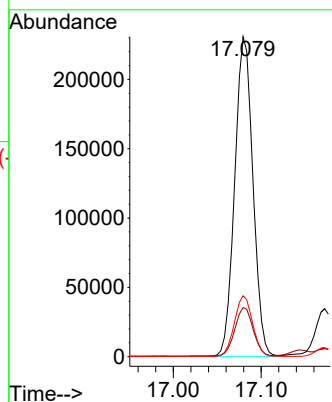
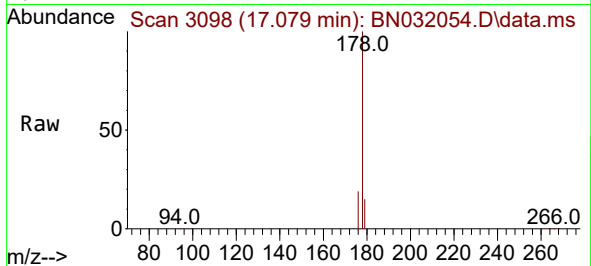




#15
Phenanthrene
Concen: 2.130 ng/ul
RT: 17.079 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

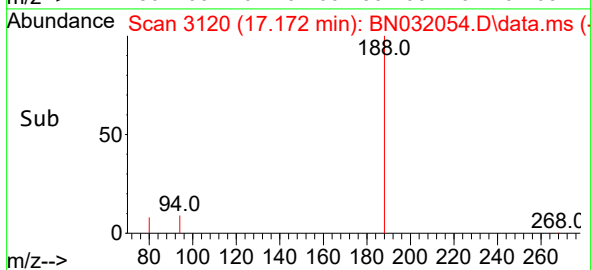
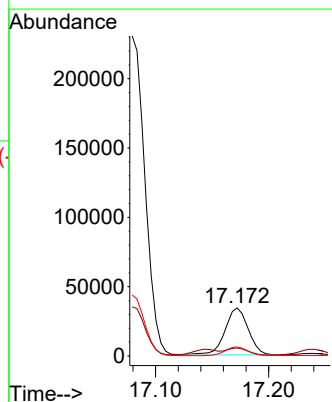
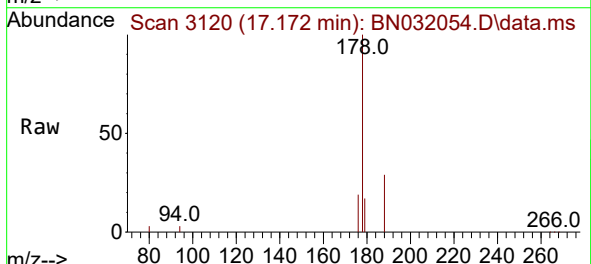
Instrument :
BNA_N
ClientSampleId :
A4B92

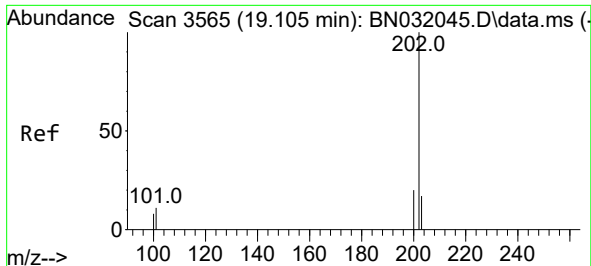
Tgt Ion:178 Resp: 331128
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.1 15.3 22.9



#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

Tgt Ion:178 Resp: 48037
Ion Ratio Lower Upper
178 100
179 16.5 12.7 19.1
176 18.8 14.8 22.2

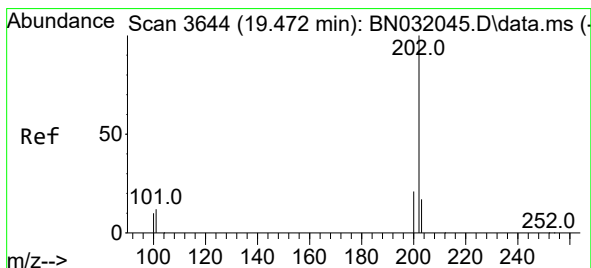
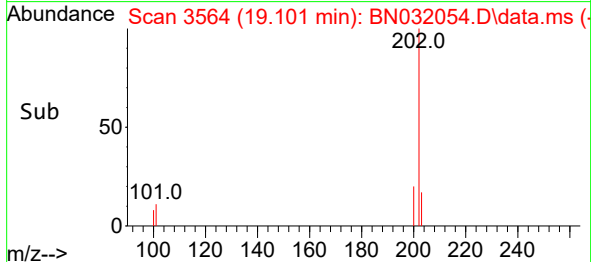
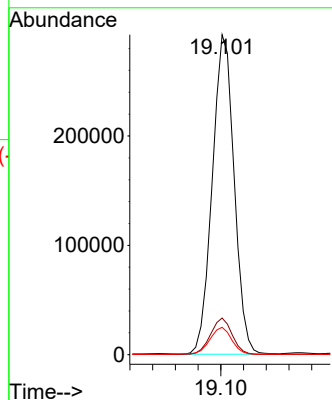
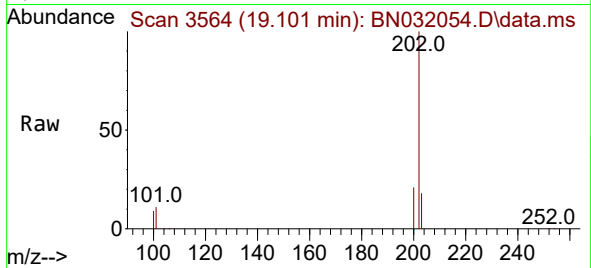




#19
Fluoranthene
Concen: 2.861 ng/ul
RT: 19.101 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

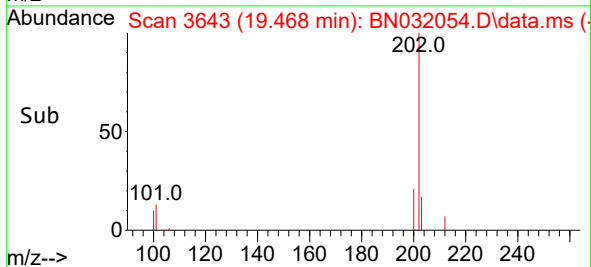
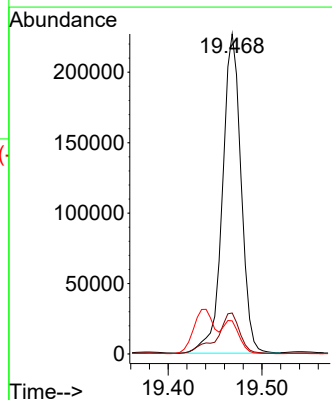
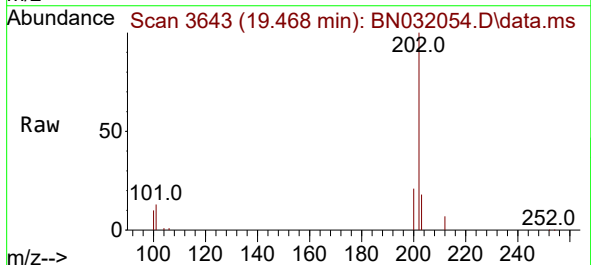
Instrument :
BNA_N
ClientSampleId :
A4B92

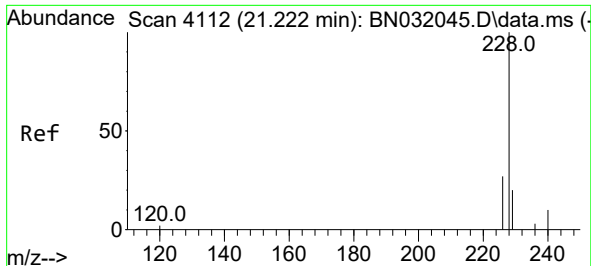
Tgt Ion:202 Resp: 390245
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.6 6.6 9.8



#20
Pyrene
Concen: 2.183 ng/ul
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

Tgt Ion:202 Resp: 311944
Ion Ratio Lower Upper
202 100
101 12.8 10.5 15.7
100 10.4 8.6 12.8

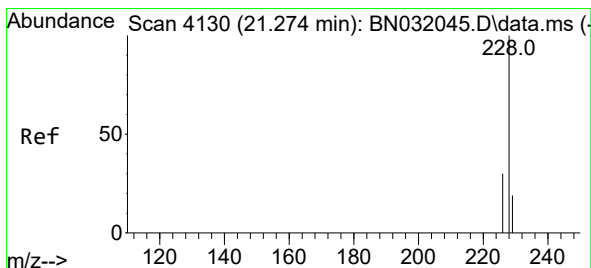
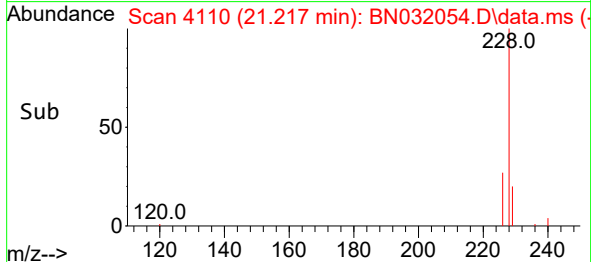
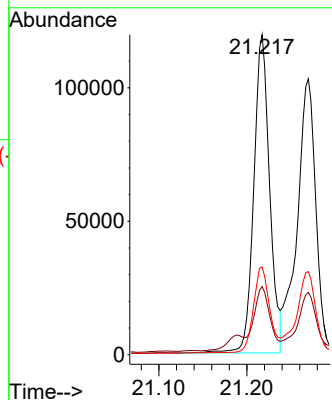
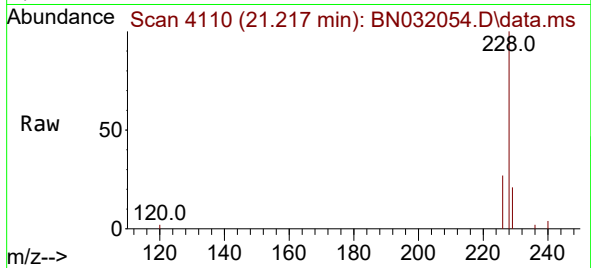




#21
Benzo(a)anthracene
Concen: 1.050 ng/ul
RT: 21.217 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

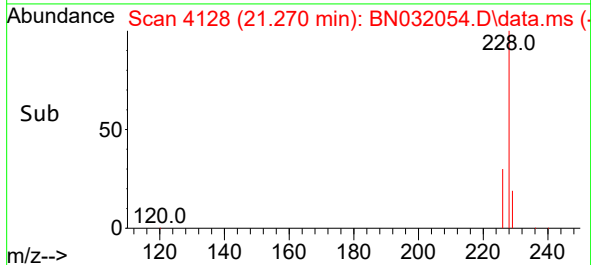
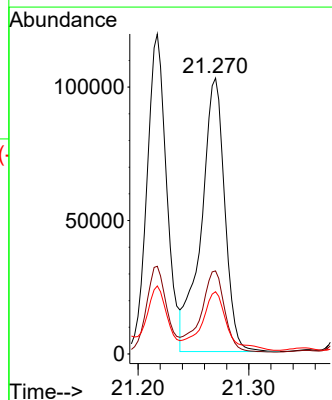
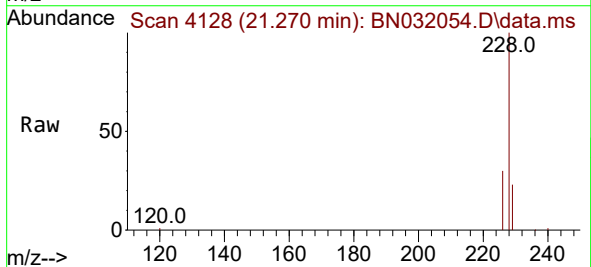
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A4B92

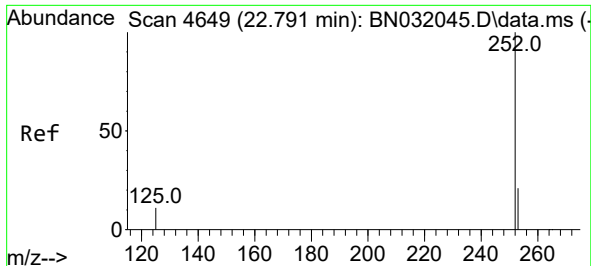
Tgt Ion:228 Resp: 149116
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 27.4 21.7 32.5



#22
Chrysene
Concen: 1.066 ng/ul
RT: 21.270 min Scan# 4128
Delta R.T. -0.006 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

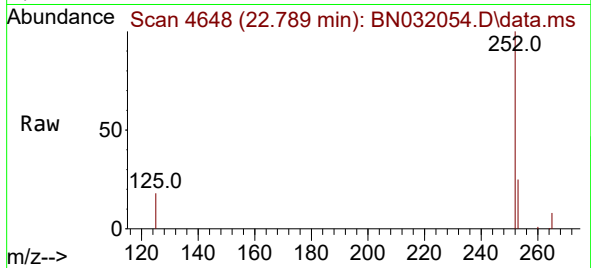
Tgt Ion:228 Resp: 150956
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 22.6 15.6 23.4



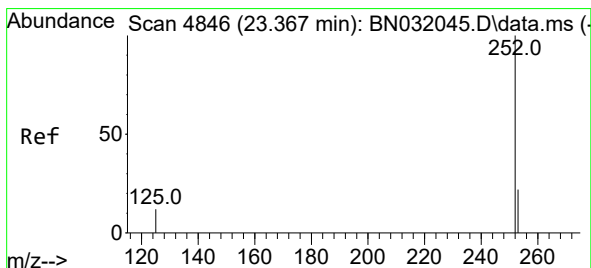
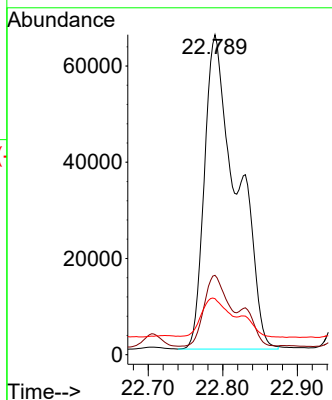


#24
Benzo(b)fluoranthene
Concen: 1.332 ng/ul
RT: 22.789 min Scan# 4648
Delta R.T. -0.003 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

Instrument :
BNA_N
ClientSampleId :
A4B92

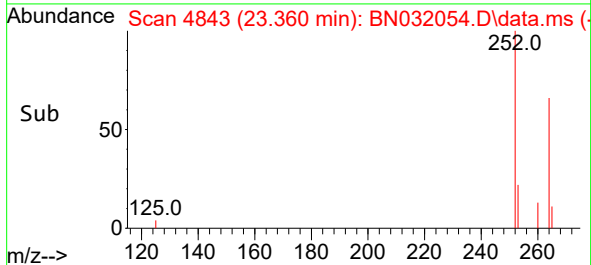
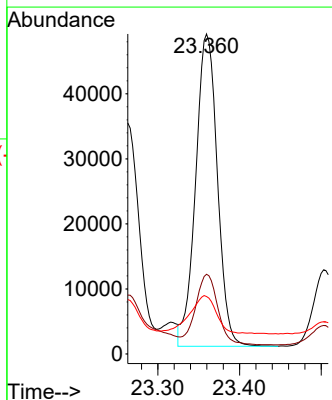
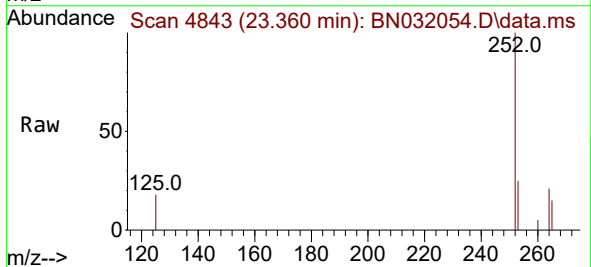


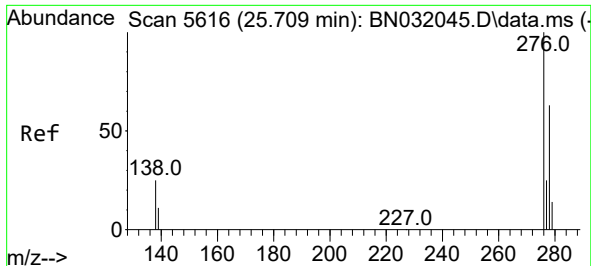
Tgt Ion:252 Resp: 198023
Ion Ratio Lower Upper
252 100
253 24.8 0.0 47.4
125 17.5 0.0 28.8



#26
Benzo(a)pyrene
Concen: 0.840 ng/ul
RT: 23.360 min Scan# 4843
Delta R.T. -0.006 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

Tgt Ion:252 Resp: 88735
Ion Ratio Lower Upper
252 100
253 24.9 19.9 29.9
125 18.0 13.5 20.3

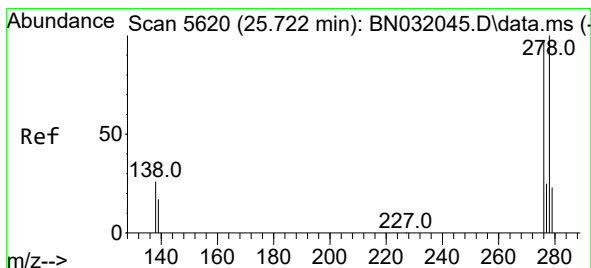
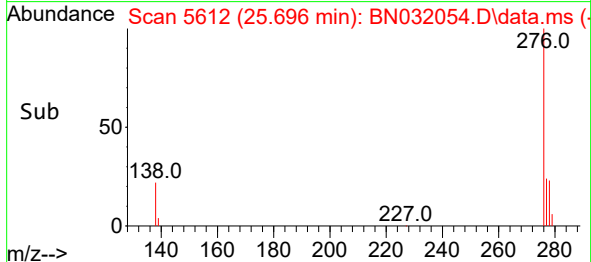
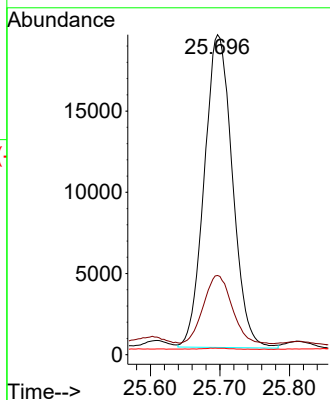
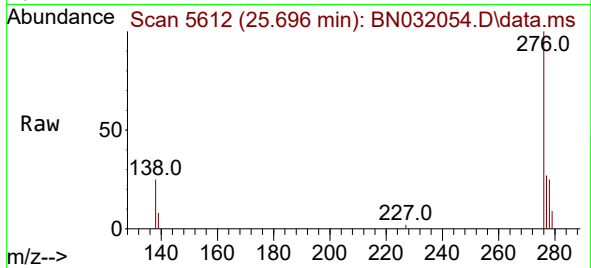




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.380 ng/ul
 RT: 25.696 min Scan# 5612
 Delta R.T. -0.010 min
 Lab File: BN032054.D
 Acq: 18 Jun 2024 20:55

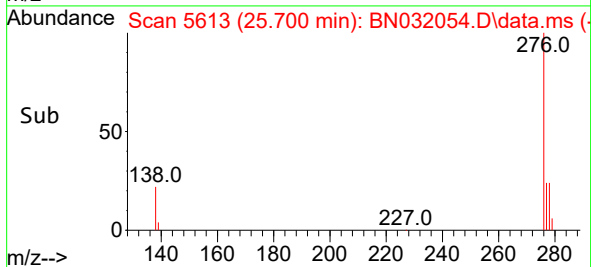
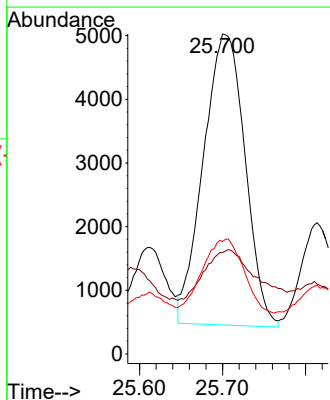
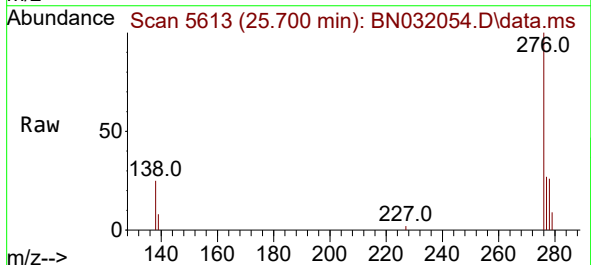
Instrument :
 BNA_N
 ClientSampleId :
 A4B92

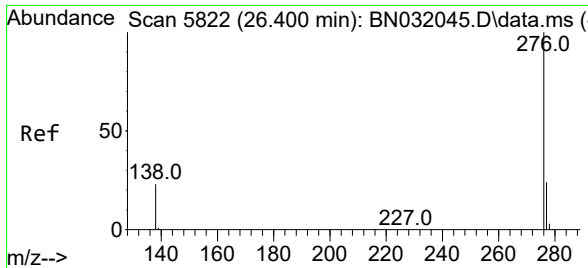
Tgt Ion:276 Resp: 54146
 Ion Ratio Lower Upper
 276 100
 138 22.9 21.0 31.4
 227 0.3 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.145 ng/ul
 RT: 25.700 min Scan# 5613
 Delta R.T. -0.023 min
 Lab File: BN032054.D
 Acq: 18 Jun 2024 20:55

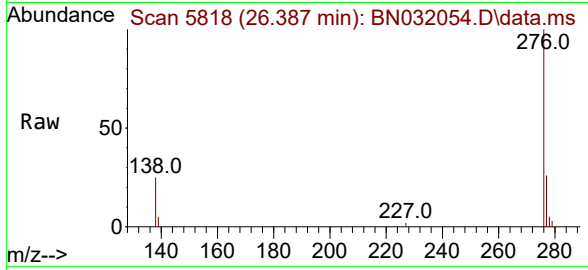
Tgt Ion:278 Resp: 15971
 Ion Ratio Lower Upper
 278 100
 139 31.7 14.9 22.3#
 279 35.2 20.6 31.0#





#29
Benzo(g,h,i)perylene
Concen: 0.450 ng/ul
RT: 26.387 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

Instrument :
BNA_N
ClientSampleId :
A4B92



Tgt Ion:	276	Resp:	51036
Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.0	28.4
277	25.8	20.4	30.6

