

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032753.D
 Acq On : 16 Jul 2024 22:31
 Operator : MA/JU
 Sample : P3177-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX3

Quant Time: Jul 16 23:55:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

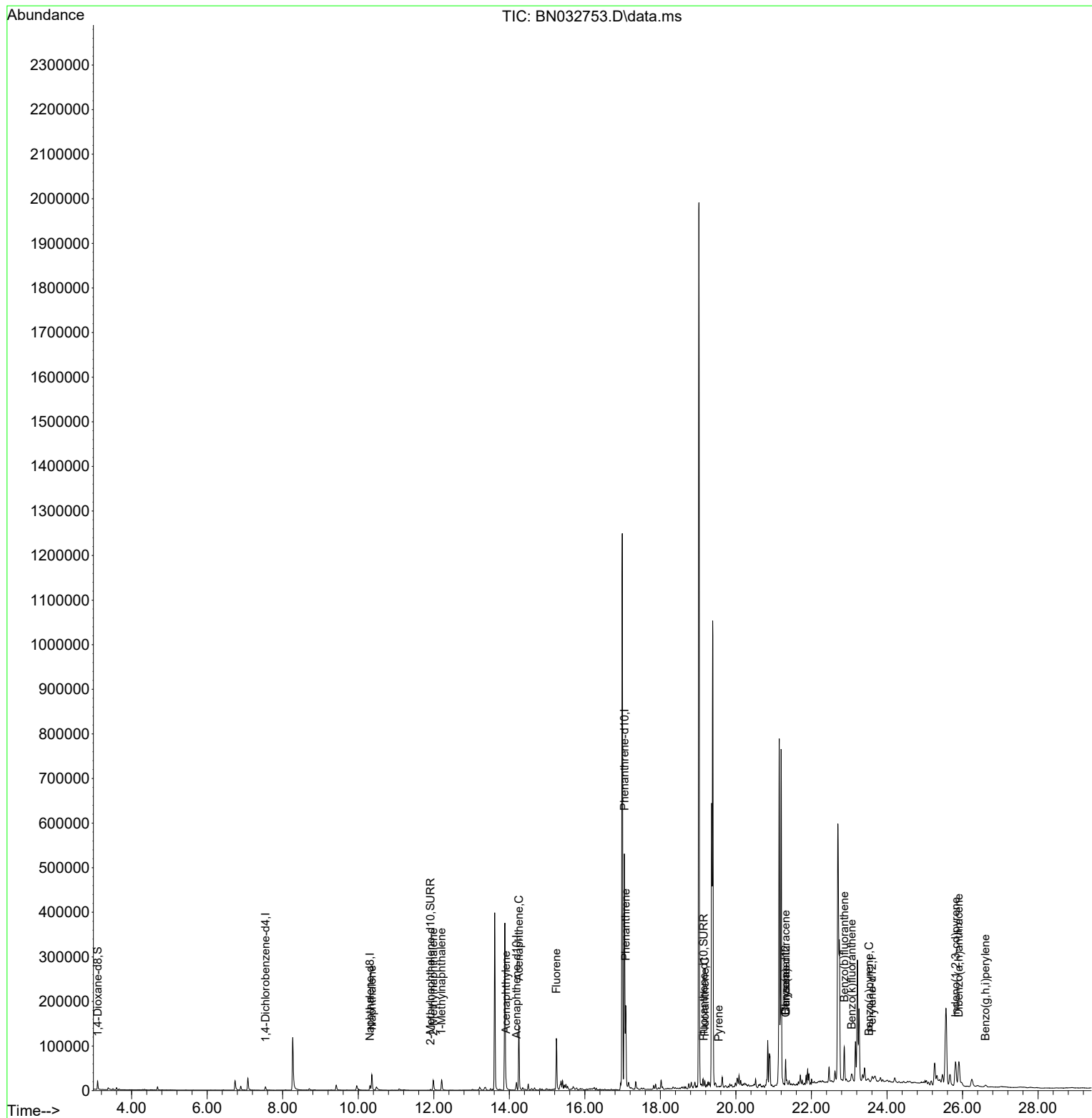
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	4627	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.310	136	15043	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.193	164	8701	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.050	188	625543	0.400	ng/ul	0.06
17) Chrysene-d12	21.320	240	565	0.400	ng/ul	# 0.13
23) Perylene-d12	23.605	264	6671	0.400	ng/ul	# 0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	12941	2.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	2938	0.129	ng/ul	-0.05
18) Fluoranthene-d10	19.148	212	157	0.085	ng/ul	0.12
Target Compounds						Qvalue
5) Naphthalene	10.360	128	51769	1.282	ng/ul	97
7) 2-Methylnaphthalene	11.988	142	19806	0.785	ng/ul	97
8) 1-Methylnaphthalene	12.208	142	18065	0.693	ng/ul	99
10) Acenaphthylene	13.911	152	19543	0.556	ng/ul#	96
11) Acenaphthene	14.253	153	86819	2.986	ng/ul	98
12) Fluorene	15.248	166	75617	2.275	ng/ul	99
15) Phenanthrene	17.084	178	198030	0.116	ng/ul	98
19) Fluoranthene	19.176	202	10293	4.481	ng/ul#	96
20) Pyrene	19.547	202	2330	0.980	ng/ul#	60
21) Benzo(a)anthracene	21.317	228	48616	27.032	ng/ul#	51
22) Chrysene	21.317	228	49732	19.115	ng/ul#	54
24) Benzo(b)fluoranthene	22.869	252	97083	4.125	ng/ul	89
25) Benzo(k)fluoranthene	23.067	252	17574	0.613	ng/ul#	1
26) Benzo(a)pyrene	23.529	252	1683	0.083	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.814	276	21506	0.780	ng/ul#	41
28) Dibenzo(a,h)anthracene	25.905	278	93333	4.366	ng/ul	98
29) Benzo(g,h,i)perylene	26.609	276	6349	0.275	ng/ul#	9

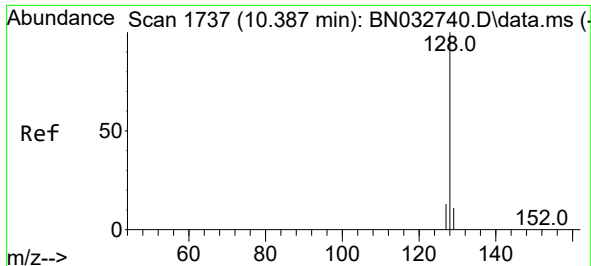
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 23:55:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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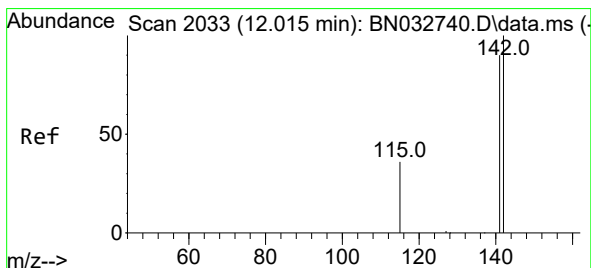
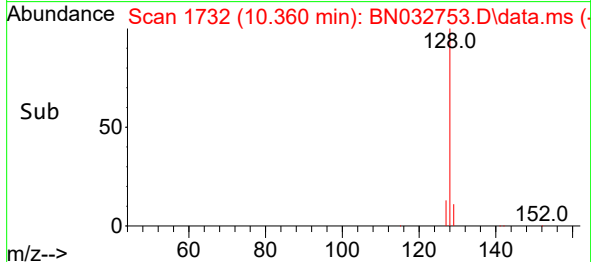
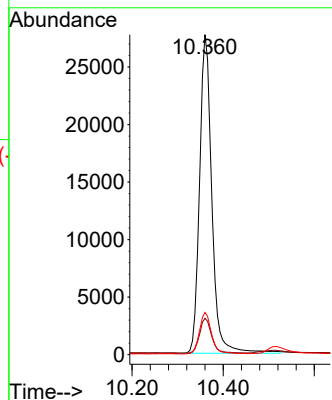
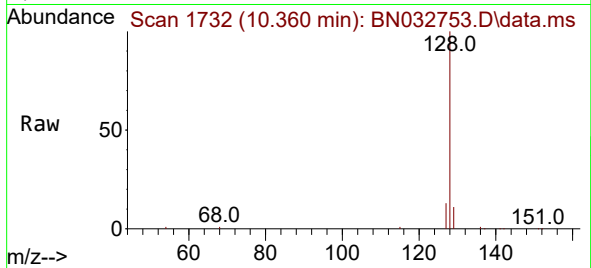




#5
Naphthalene
Concen: 1.282 ng/ul
RT: 10.360 min Scan# 11
Delta R.T. -0.049 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

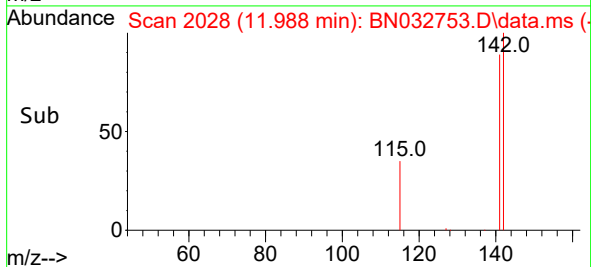
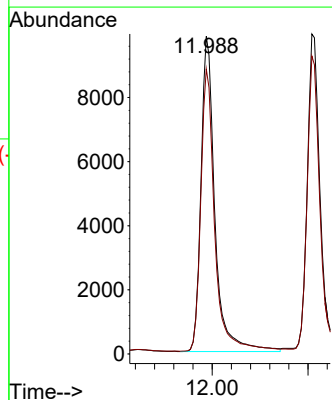
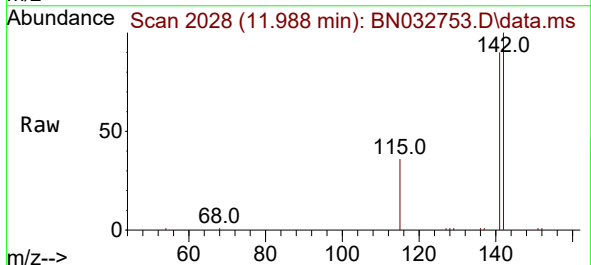
Instrument :
BNA_N
ClientSampleId :
A4BX3

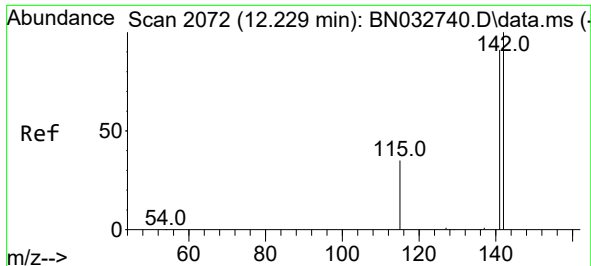
Tgt Ion:128 Resp: 51769
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.785 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.060 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

Tgt Ion:142 Resp: 19806
Ion Ratio Lower Upper
142 100
141 89.6 74.0 111.0

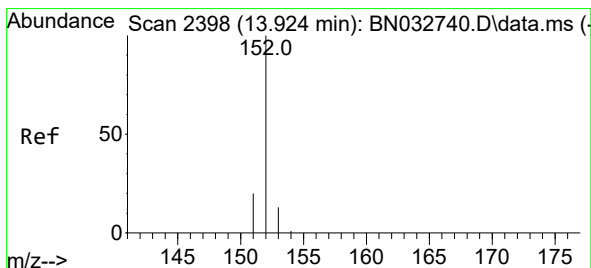
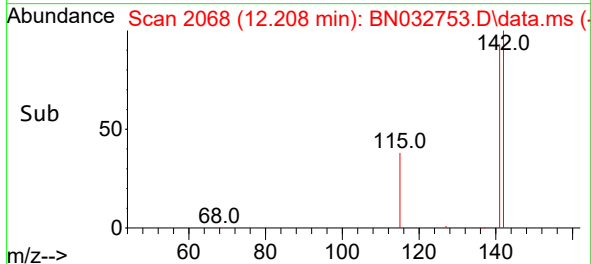
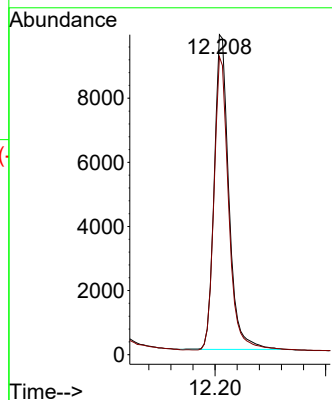
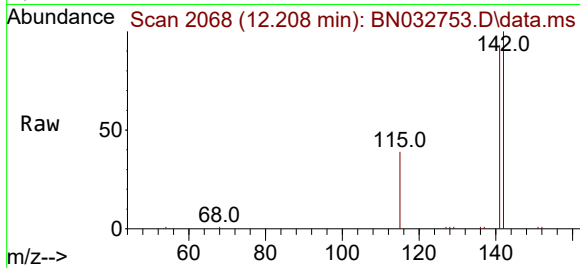




#8
1-Methylnaphthalene
Concen: 0.693 ng/ul
RT: 12.208 min Scan# 2072
Delta R.T. -0.038 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

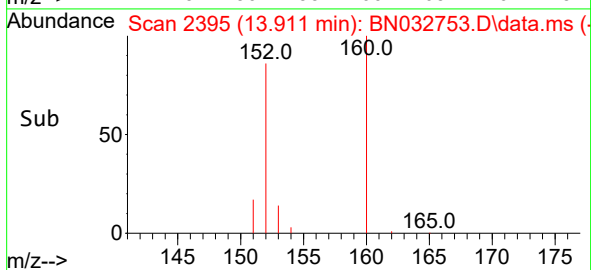
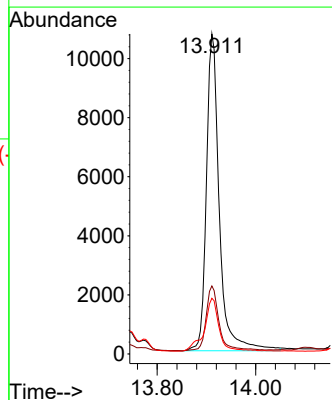
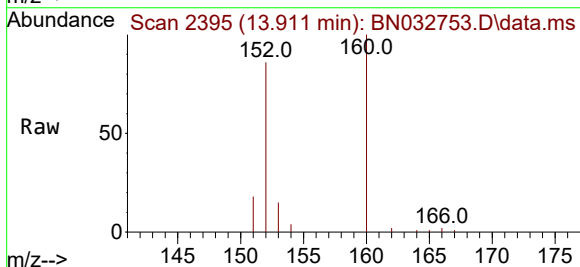
Instrument :
BNA_N
ClientSampleId :
A4BX3

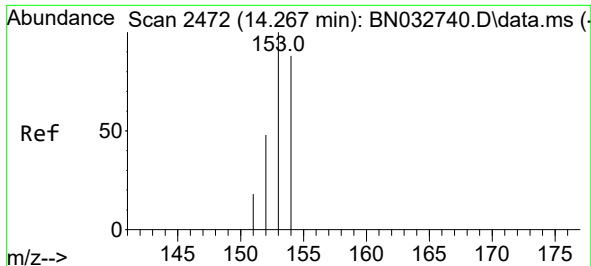
Tgt Ion:142 Resp: 18065
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4



#10
Acenaphthylene
Concen: 0.556 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.032 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

Tgt Ion:152 Resp: 19543
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 17.4 11.3 16.9#

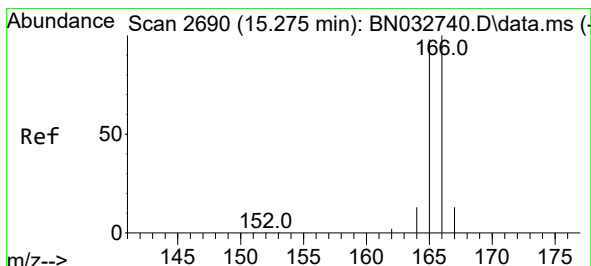
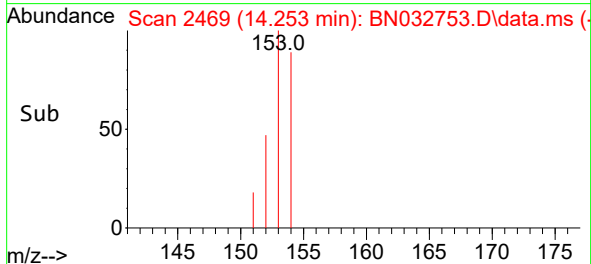
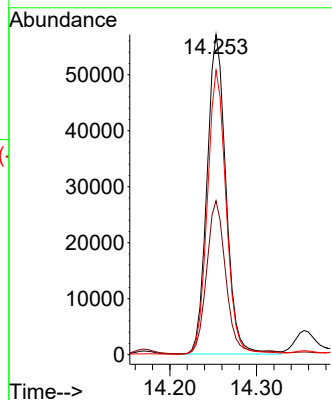
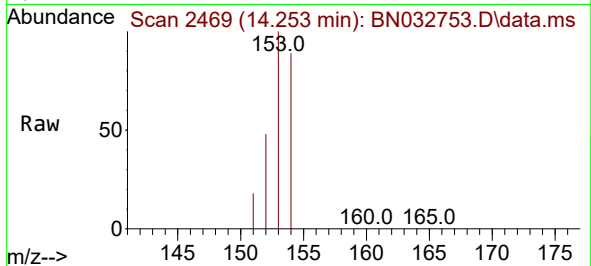




#11
Acenaphthene
Concen: 2.986 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.028 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

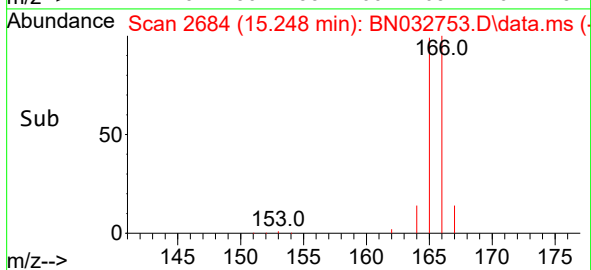
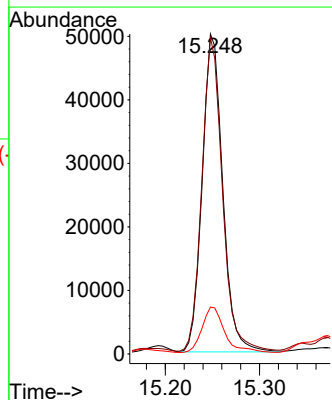
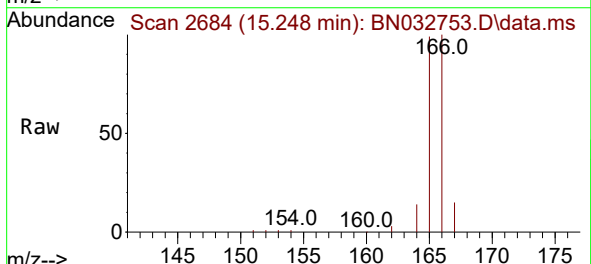
Instrument :
BNA_N
ClientSampleId :
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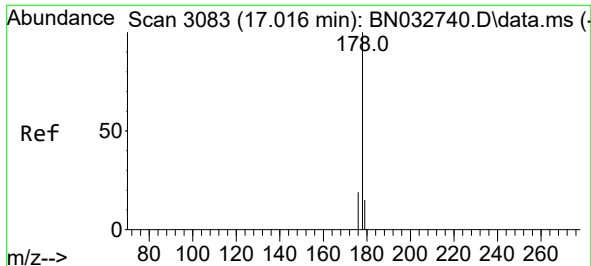
Tgt Ion:153 Resp: 86819
Ion Ratio Lower Upper
153 100
152 48.1 40.0 60.0
154 88.9 70.2 105.4



#12
Fluorene
Concen: 2.275 ng/ul
RT: 15.248 min Scan# 2684
Delta R.T. -0.041 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

Tgt Ion:166 Resp: 75617
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 14.7 11.4 17.2

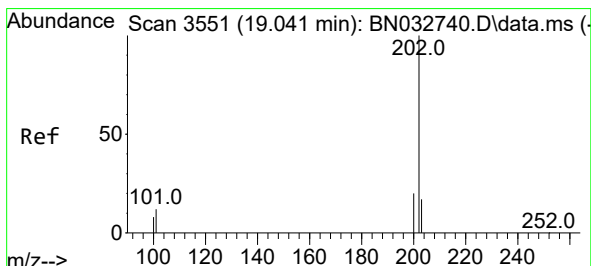
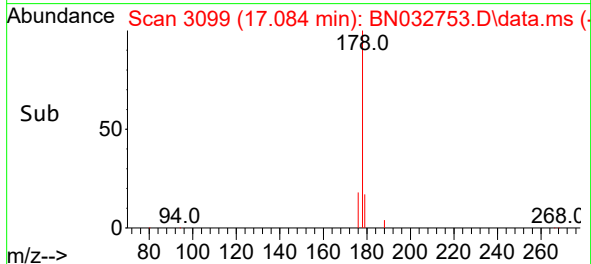
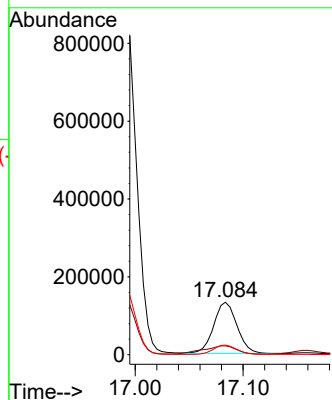
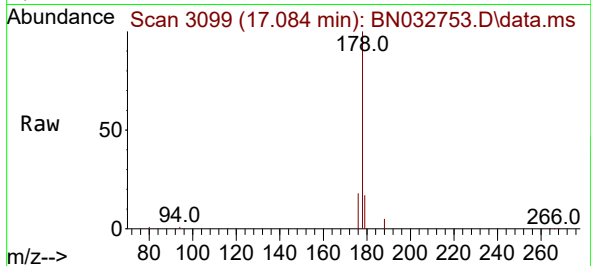




#15
Phenanthrene
Concen: 0.116 ng/ul
RT: 17.084 min Scan# 3083
Delta R.T. 0.055 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

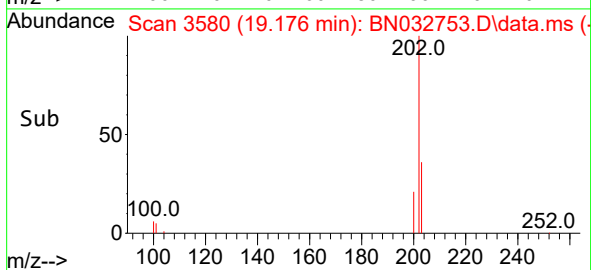
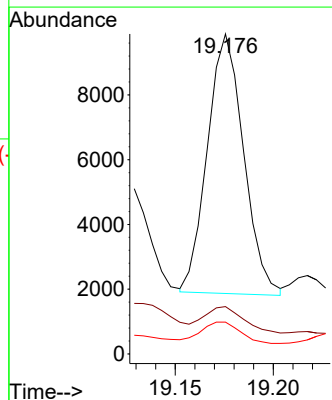
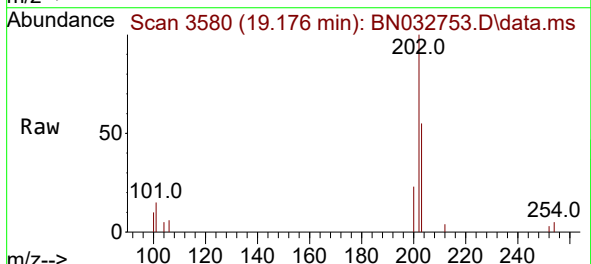
Instrument :
BNA_N
ClientSampleId :
A4BX3

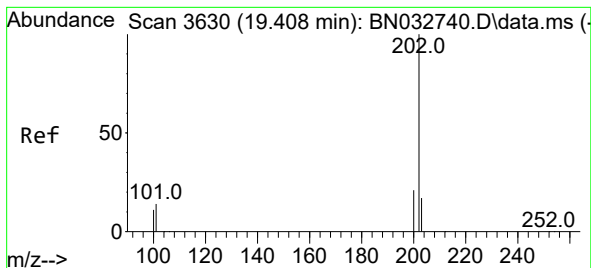
Tgt Ion:178 Resp: 198030
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.4
176 18.5 15.6 23.4



#19
Fluoranthene
Concen: 4.481 ng/ul
RT: 19.176 min Scan# 3580
Delta R.T. 0.121 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

Tgt Ion:202 Resp: 10293
Ion Ratio Lower Upper
202 100
101 14.8 9.8 14.8#
100 10.0 7.9 11.9





#20

Pyrene

Concen: 0.980 ng/ul

RT: 19.547 min Scan# 3

Delta R.T. 0.126 min

Lab File: BN032753.D

Acq: 16 Jul 2024 22:31

Instrument :

BNA_N

ClientSampleId :

A4BX3

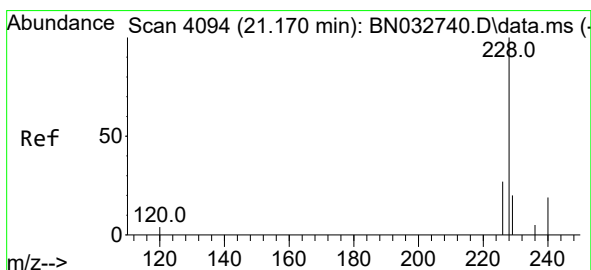
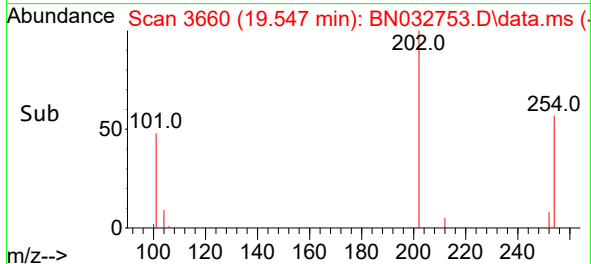
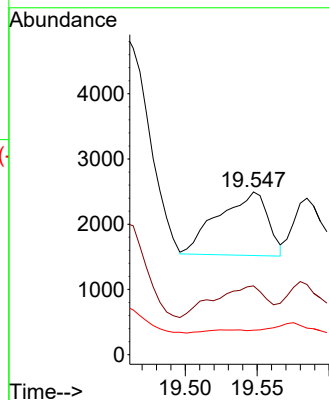
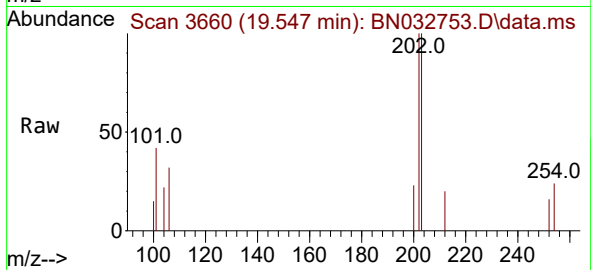
Tgt Ion:202 Resp: 2330

Ion Ratio Lower Upper

202 100

101 42.3 11.8 17.6#

100 15.1 9.6 14.4#



#21

Benzo(a)anthracene

Concen: 27.032 ng/ul

RT: 21.317 min Scan# 4144

Delta R.T. 0.135 min

Lab File: BN032753.D

Acq: 16 Jul 2024 22:31

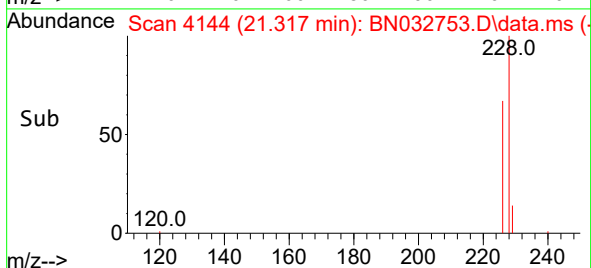
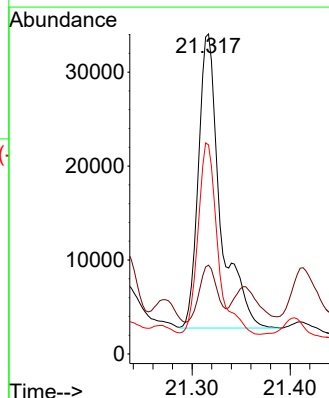
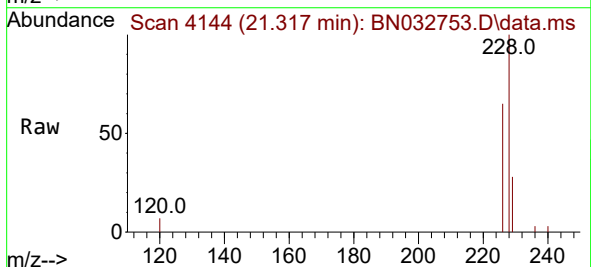
Tgt Ion:228 Resp: 48616

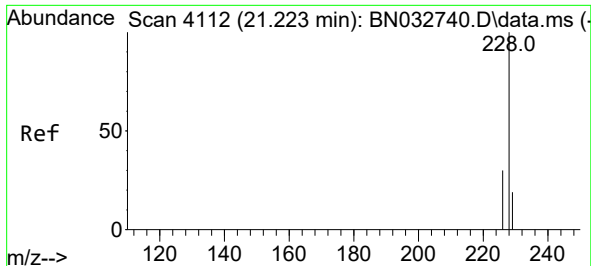
Ion Ratio Lower Upper

228 100

229 27.8 16.1 24.1#

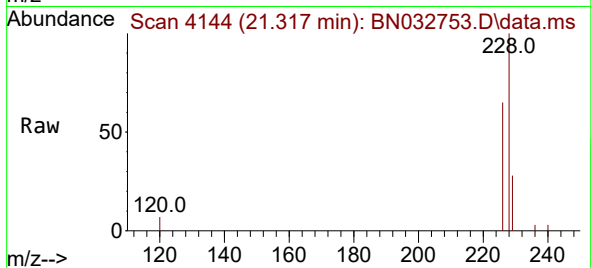
226 65.4 21.9 32.9#



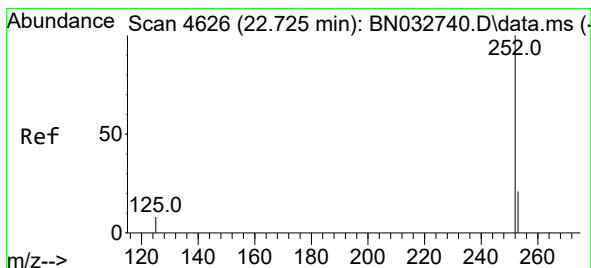
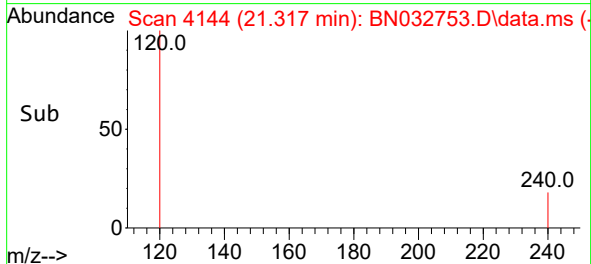
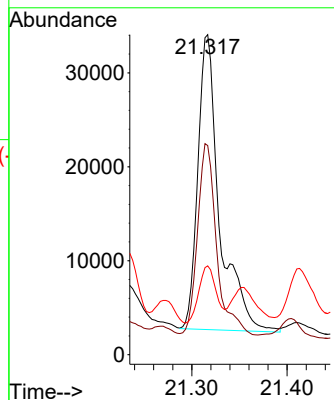


#22
Chrysene
Concen: 19.115 ng/ul
RT: 21.317 min Scan# 4112
Delta R.T. 0.085 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

Instrument :
BNA_N
ClientSampleId :
A4BX3

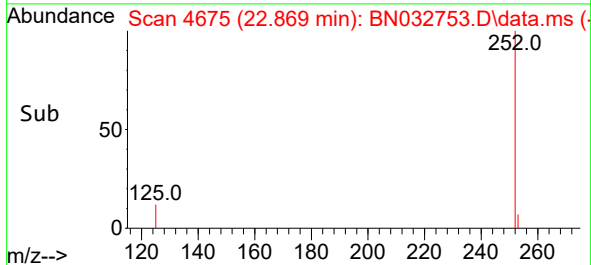
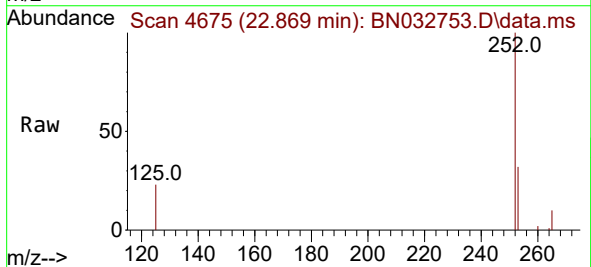
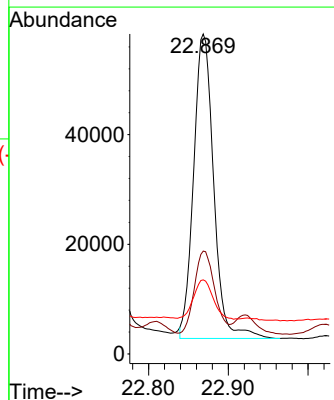


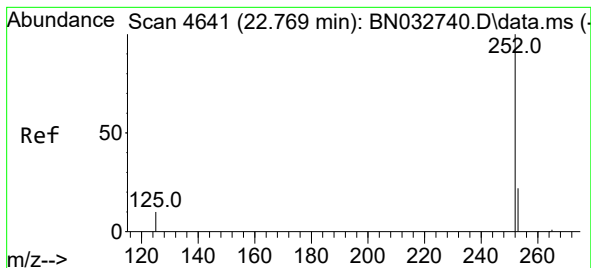
Tgt Ion:228 Resp: 49732
Ion Ratio Lower Upper
228 100
226 65.4 24.0 36.0#
229 27.8 15.8 23.6#



#24
Benzo(b)fluoranthene
Concen: 4.125 ng/ul
RT: 22.869 min Scan# 4675
Delta R.T. 0.135 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

Tgt Ion:252 Resp: 97083
Ion Ratio Lower Upper
252 100
253 32.2 0.0 54.0
125 23.1 0.0 36.0





#25

Benzo(k)fluoranthene

Concen: 0.613 ng/ul

RT: 23.067 min Scan# 41

Delta R.T. 0.290 min

Lab File: BN032753.D

Acq: 16 Jul 2024 22:31

Instrument :

BNA_N

ClientSampleId :

A4BX3

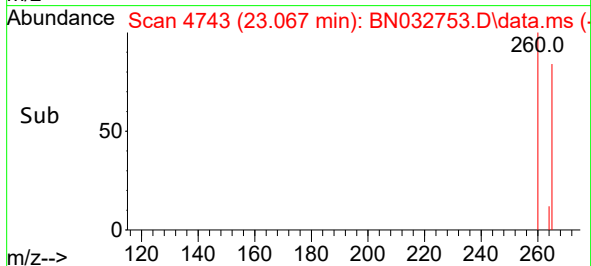
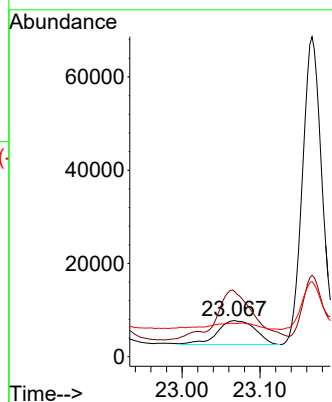
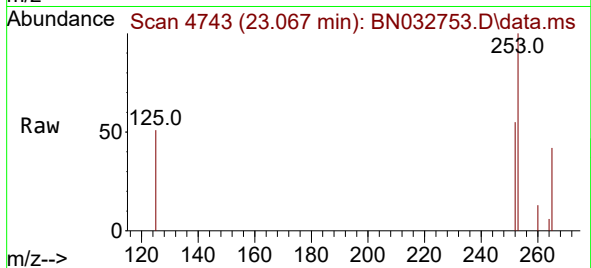
Tgt Ion:252 Resp: 17574

Ion Ratio Lower Upper

252 100

253 180.9 21.2 31.8#

125 92.9 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.083 ng/ul

RT: 23.529 min Scan# 4901

Delta R.T. 0.219 min

Lab File: BN032753.D

Acq: 16 Jul 2024 22:31

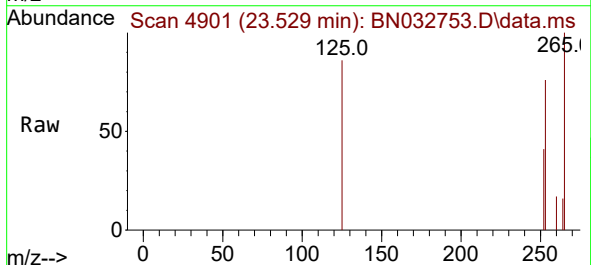
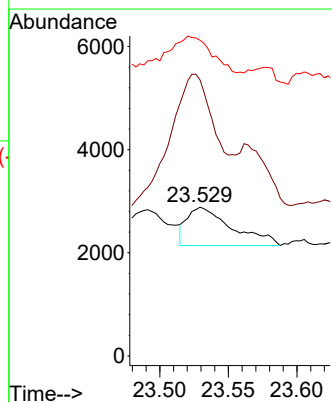
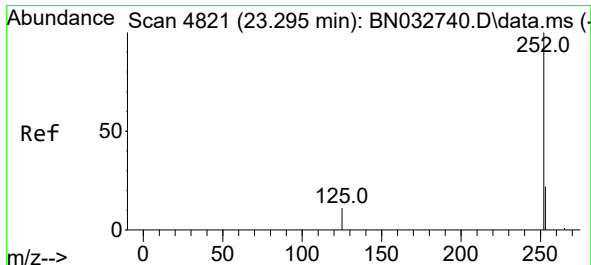
Tgt Ion:252 Resp: 1683

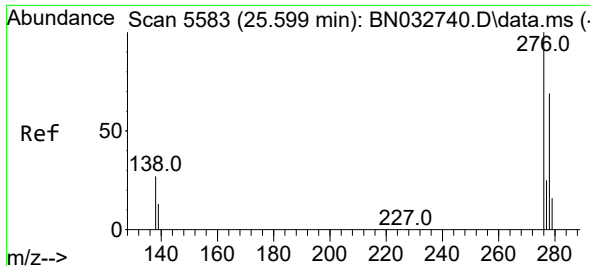
Ion Ratio Lower Upper

252 100

253 185.5 25.4 38.0#

125 212.1 20.6 30.8#

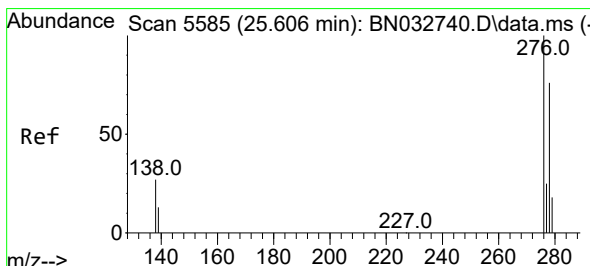
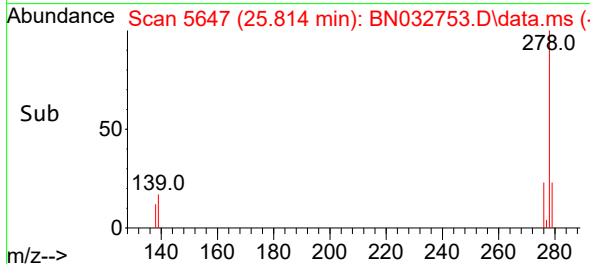
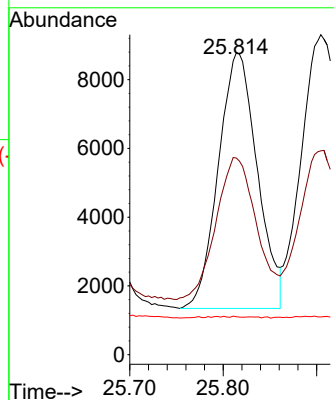
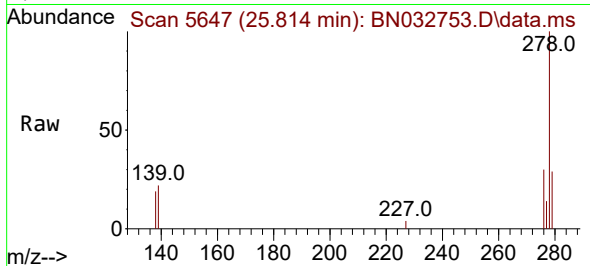




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.780 ng/ul
 RT: 25.814 min Scan# 5647
 Delta R.T. 0.188 min
 Lab File: BN032753.D
 Acq: 16 Jul 2024 22:31

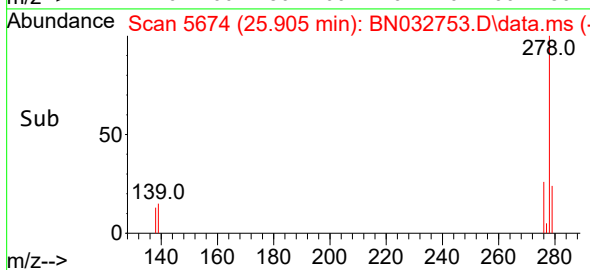
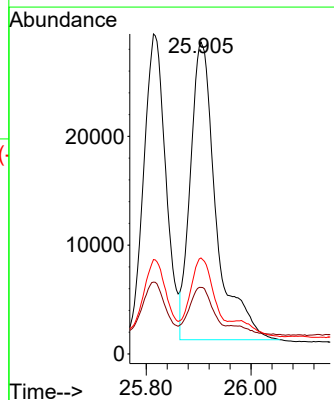
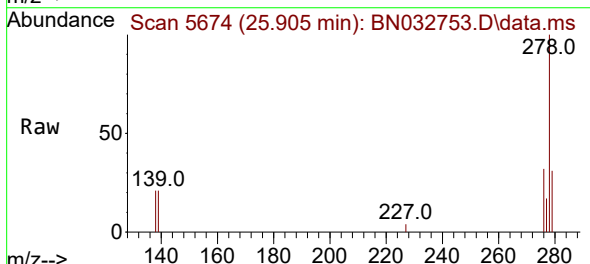
Instrument :
 BNA_N
 ClientSampleId :
 A4BX3

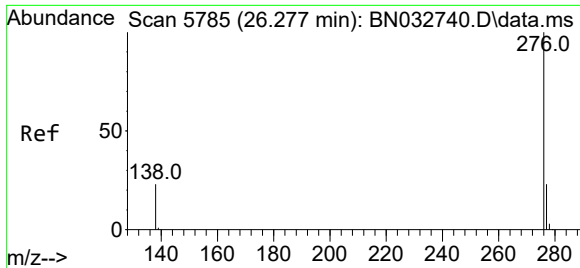
Tgt Ion:276 Resp: 21506
 Ion Ratio Lower Upper
 276 100
 138 57.4 21.6 32.4#
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 4.366 ng/ul
 RT: 25.905 min Scan# 5674
 Delta R.T. 0.265 min
 Lab File: BN032753.D
 Acq: 16 Jul 2024 22:31

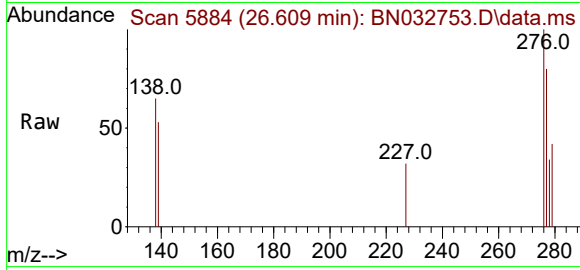
Tgt Ion:278 Resp: 93333
 Ion Ratio Lower Upper
 278 100
 139 21.3 16.6 24.8
 279 30.8 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.275 ng/ul
 RT: 26.609 min Scan# 51
 Delta R.T. 0.309 min
 Lab File: BN032753.D
 Acq: 16 Jul 2024 22:31

Instrument :
 BNA_N
 ClientSampleId :
 A4BX3



Tgt Ion:276 Resp: 6349
 Ion Ratio Lower Upper
 276 100
 138 65.1 21.0 31.4#
 277 79.5 20.6 31.0#

