

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032955.D
 Acq On : 24 Jul 2024 19:37
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4278

Quant Time: Jul 25 00:48:50 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

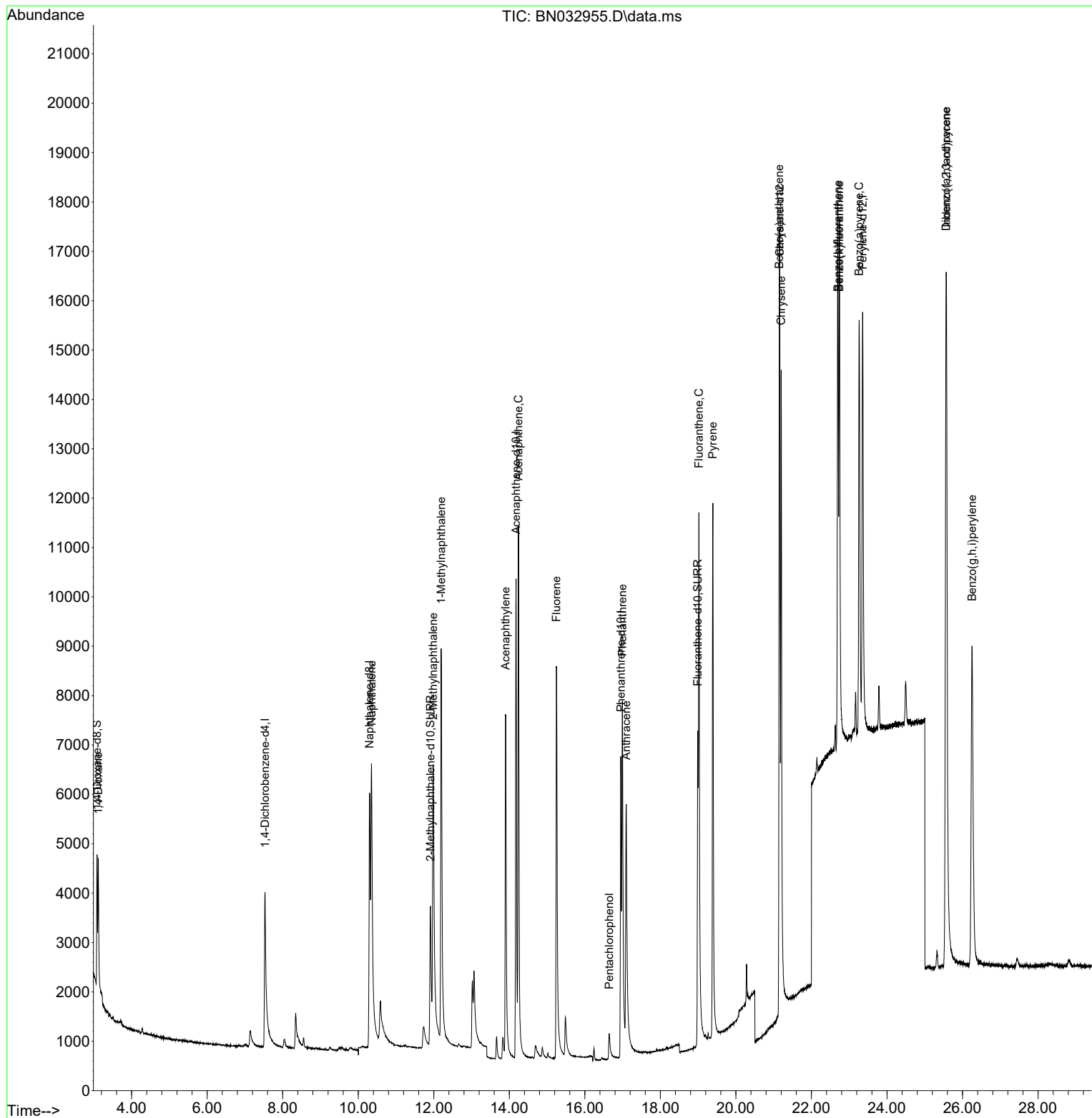
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	3393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	12495	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	6891	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	10957	0.400	ng/ul	0.00
17) Chrysene-d12	21.162	240	10434	0.400	ng/ul	# 0.00
23) Perylene-d12	23.354	264	13299	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	1923	0.472	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	7093	0.376	ng/ul	-0.02
18) Fluoranthene-d10	18.990	212	10310	0.303	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.118	88	2046	0.441	ng/ul#	78
5) Naphthalene	10.354	128	12159	0.362	ng/ul	99
7) 2-Methylnaphthalene	11.982	142	7420	0.354	ng/ul	100
8) 1-Methylnaphthalene	12.197	142	7962	0.368	ng/ul	100
10) Acenaphthylene	13.901	152	11190	0.402	ng/ul	99
11) Acenaphthene	14.244	153	8127	0.353	ng/ul	99
12) Fluorene	15.248	166	7931	0.301	ng/ul	99
14) Pentachlorophenol	16.644	266	810	0.421	ng/ul	98
15) Phenanthrene	16.995	178	10049	0.337	ng/ul	99
16) Anthracene	17.096	178	9352	0.384	ng/ul	99
19) Fluoranthene	19.022	202	12125	0.286	ng/ul	99
20) Pyrene	19.389	202	12515	0.285	ng/ul	99
21) Benzo(a)anthracene	21.147	228	12899	0.388	ng/ul	97
22) Chrysene	21.200	228	15177	0.316	ng/ul	96
24) Benzo(b)fluoranthene	22.699	252	14423	0.307	ng/ul	87
25) Benzo(k)fluoranthene	22.740	252	16776	0.293	ng/ul#	86
26) Benzo(a)pyrene	23.263	252	14901	0.367	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.569	276	18843	0.343	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.566	278	15331	0.360	ng/ul#	87
29) Benzo(g,h,i)perylene	26.253	276	15321	0.333	ng/ul#	90

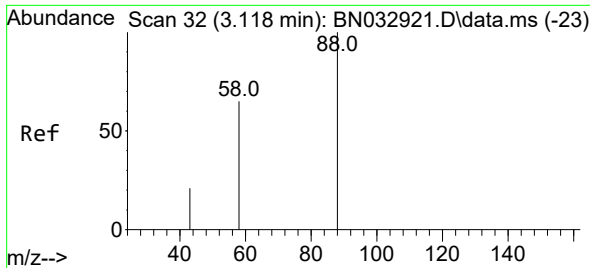
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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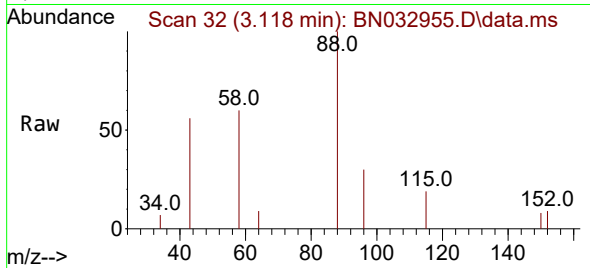
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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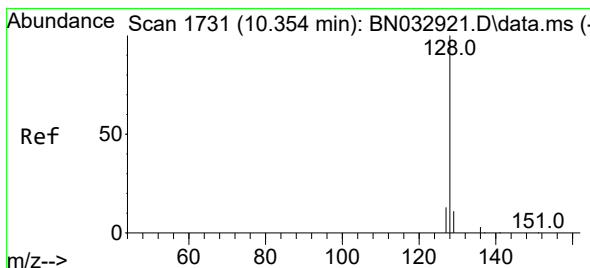
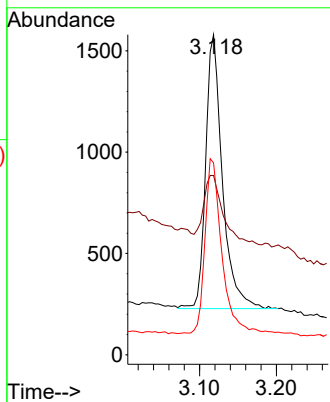
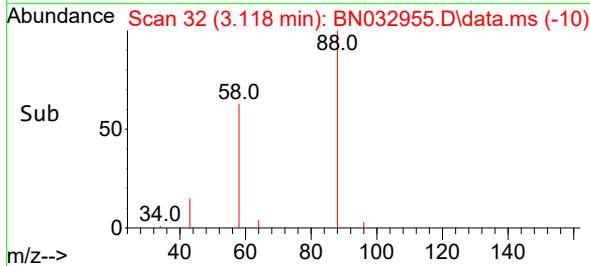


#2
1,4-Dioxane
Concen: 0.441 ng/ul
RT: 3.118 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

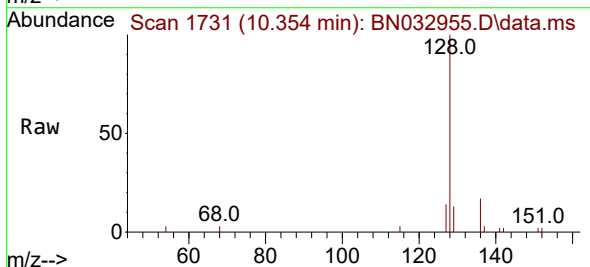
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BNA_N
ClientSampleId :
SSTD0.4278



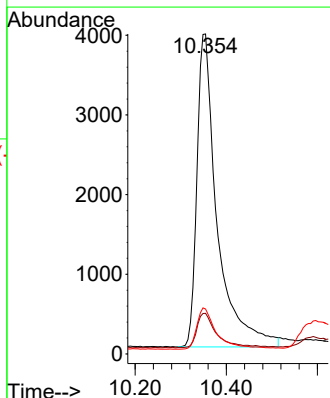
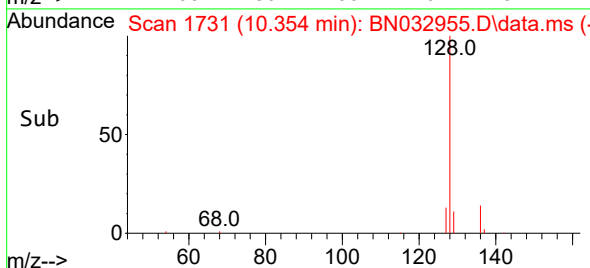
Tgt Ion: 88 Resp: 2046
Ion Ratio Lower Upper
88 100
43 56.0 24.0 36.0#
58 59.9 43.3 64.9

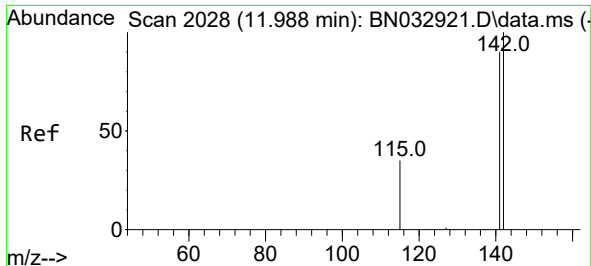


#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.009 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37



Tgt Ion: 128 Resp: 12159
Ion Ratio Lower Upper
128 100
129 12.7 10.0 15.0
127 14.1 11.6 17.4

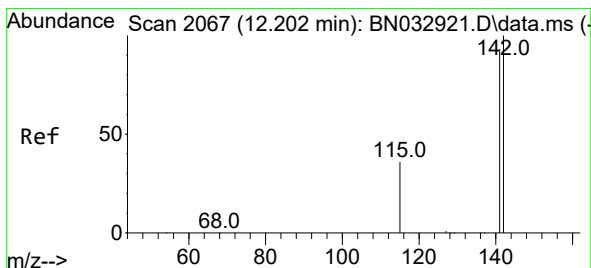
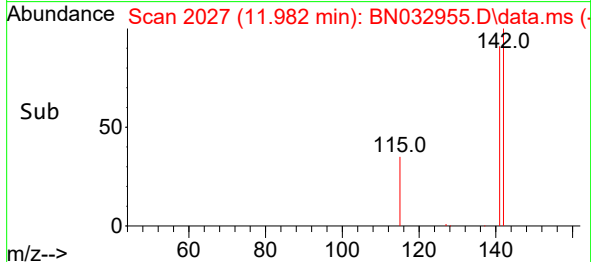
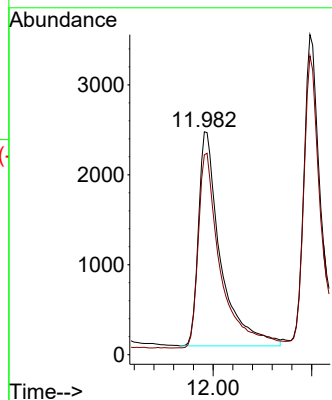
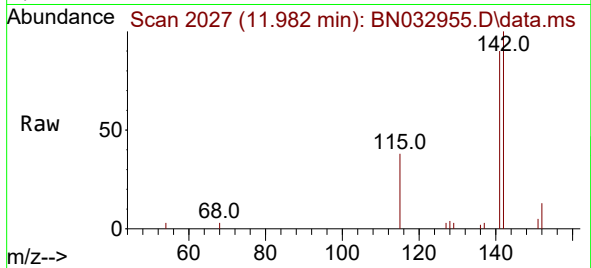




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.015 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

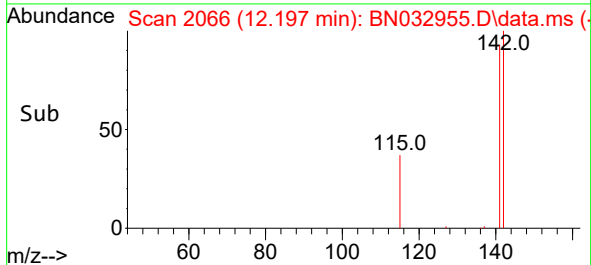
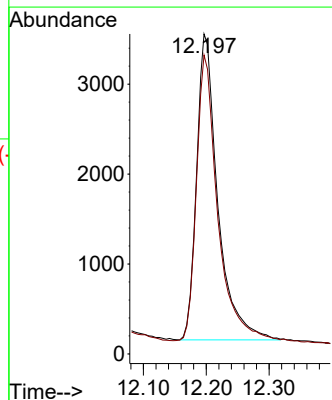
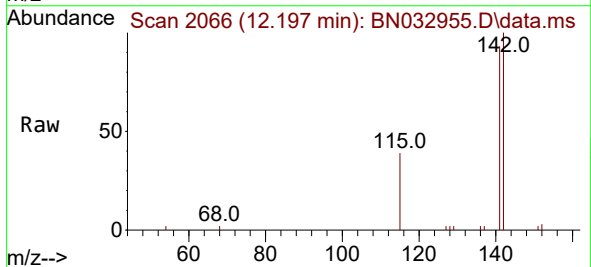
Instrument :
BNA_N
ClientSampleId :
SSTD0.4278

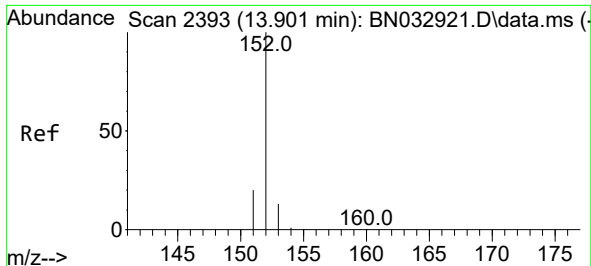
Tgt Ion:142 Resp: 7420
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

Tgt Ion:142 Resp: 7962
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4

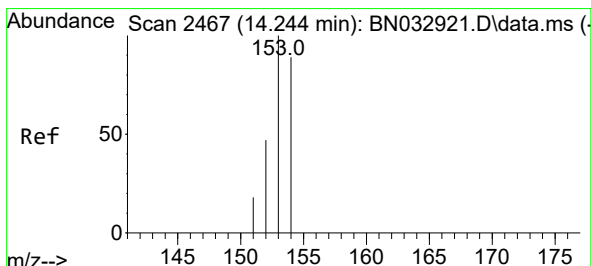
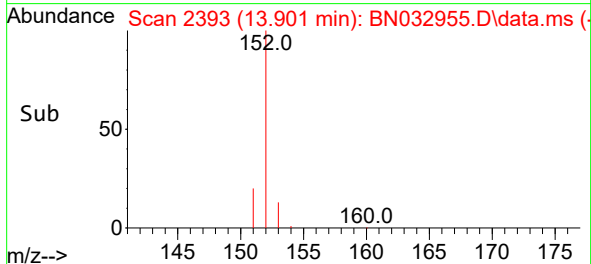
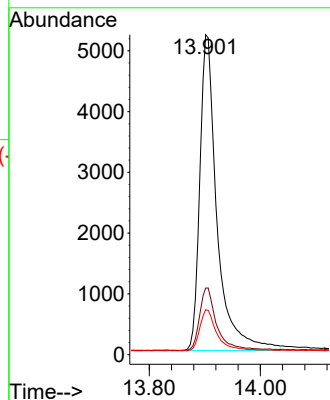
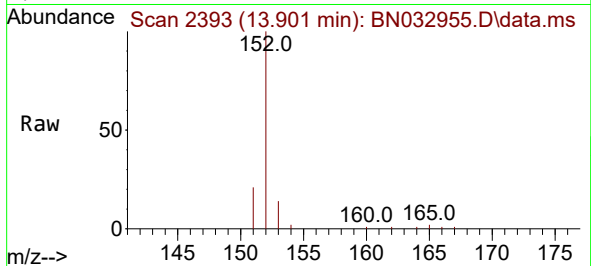




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 13.901 min Scan# 211
Delta R.T. -0.012 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

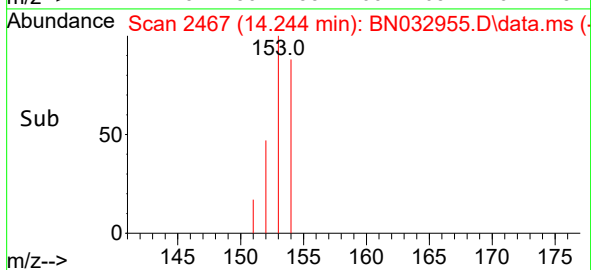
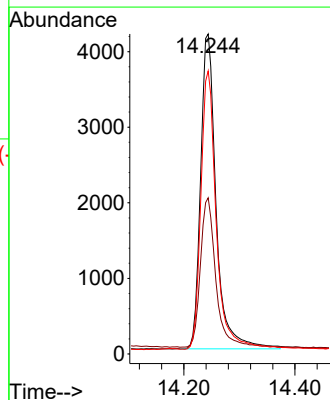
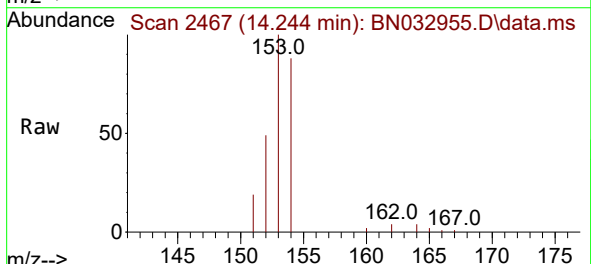
Instrument :
BNA_N
ClientSampleId :
SSTD0.4278

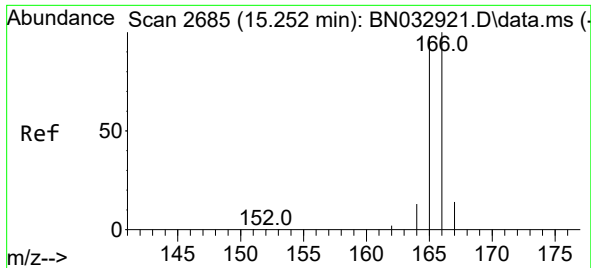
Tgt Ion:152 Resp: 11190
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.1 11.3 16.9



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.244 min Scan# 2467
Delta R.T. -0.008 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

Tgt Ion:153 Resp: 8127
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 88.5 70.2 105.4

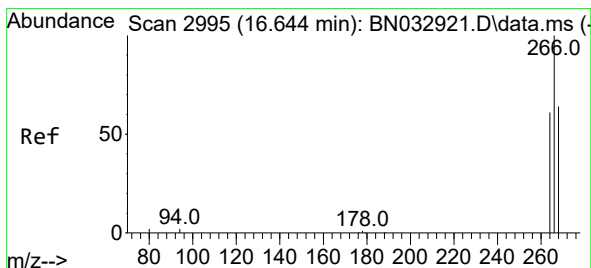
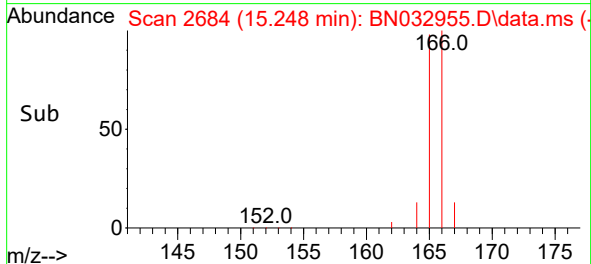
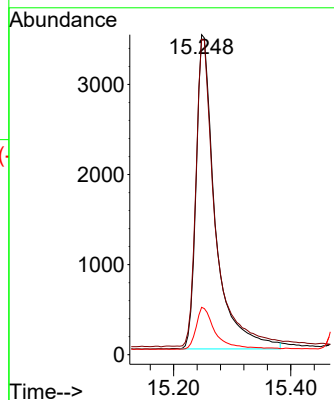
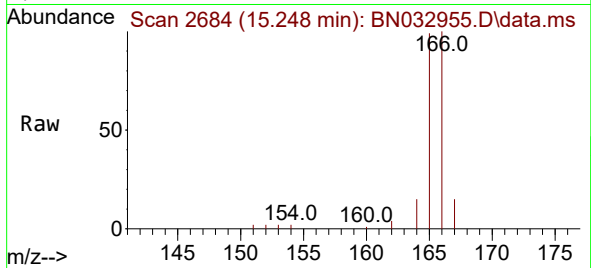




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.248 min Scan# 2684
Delta R.T. -0.012 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

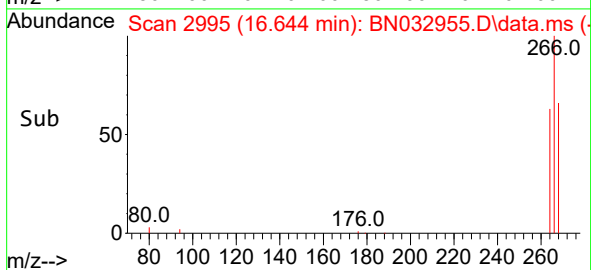
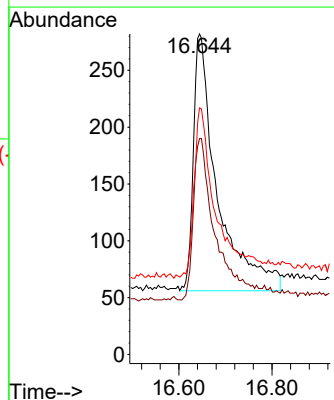
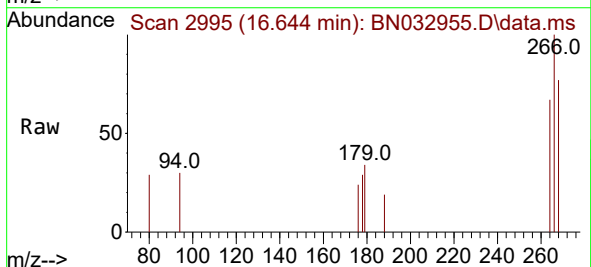
Instrument :
BNA_N
ClientSampleId :
SSTD0.4278

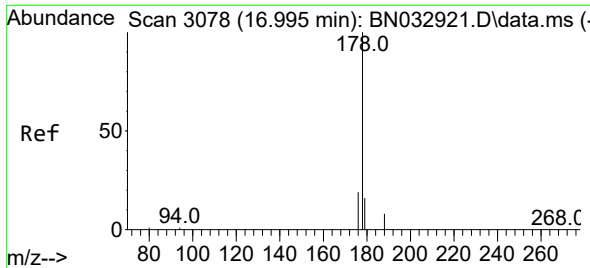
Tgt Ion:166 Resp: 7931
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 14.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.421 ng/ul
RT: 16.644 min Scan# 2995
Delta R.T. 0.002 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

Tgt Ion:266 Resp: 810
Ion Ratio Lower Upper
266 100
264 60.5 49.4 74.2
268 65.6 51.6 77.4

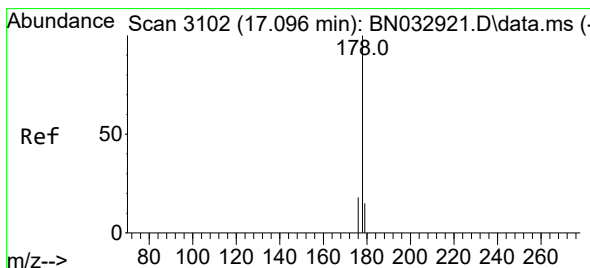
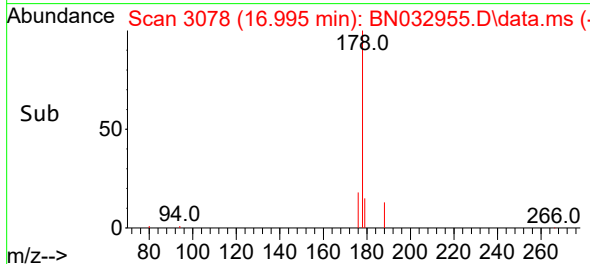
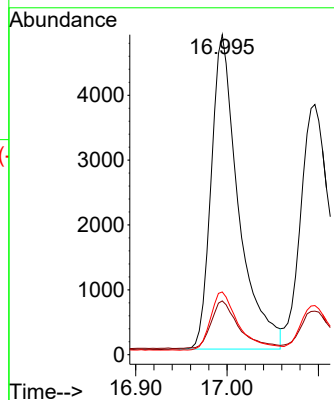
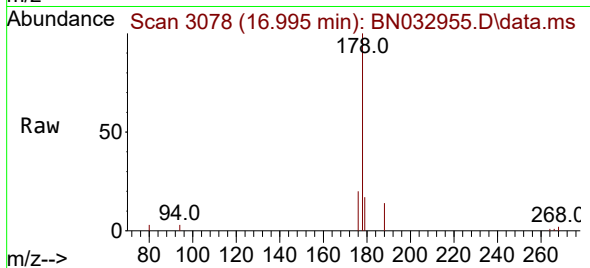




#15
 Phenanthrene
 Concen: 0.337 ng/ul
 RT: 16.995 min Scan# 3078
 Delta R.T. -0.007 min
 Lab File: BN032955.D
 Acq: 24 Jul 2024 19:37

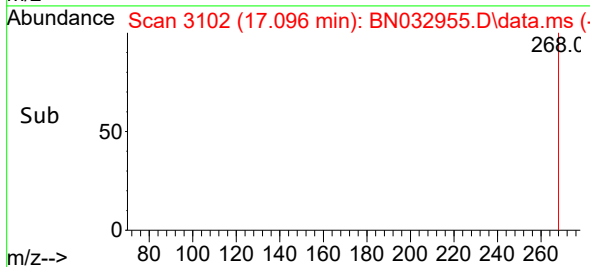
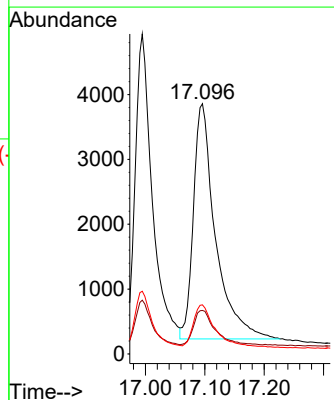
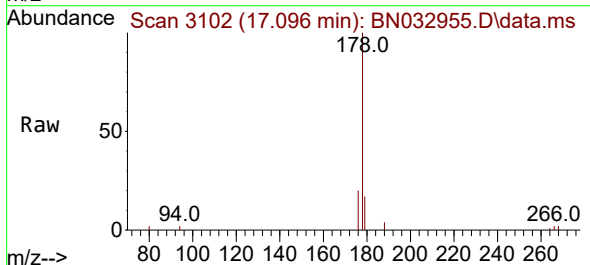
Instrument :
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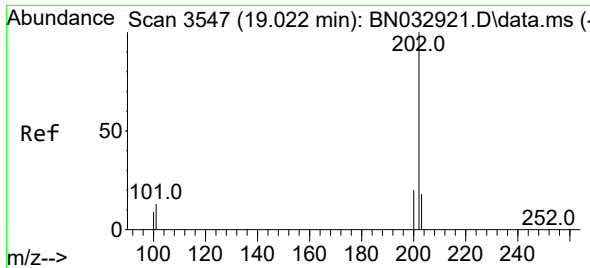
Tgt Ion:	178	Resp:	10049
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.0	19.4
176	19.6	15.6	23.4



#16
 Anthracene
 Concen: 0.384 ng/ul
 RT: 17.096 min Scan# 3102
 Delta R.T. -0.003 min
 Lab File: BN032955.D
 Acq: 24 Jul 2024 19:37

Tgt Ion:	178	Resp:	9352
Ion Ratio	Lower	Upper	
178	100		
179	17.4	13.4	20.2
176	19.6	15.4	23.0





#19

Fluoranthene

Concen: 0.286 ng/ul

RT: 19.022 min Scan# 3547

Delta R.T. -0.003 min

Lab File: BN032955.D

Acq: 24 Jul 2024 19:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.4278

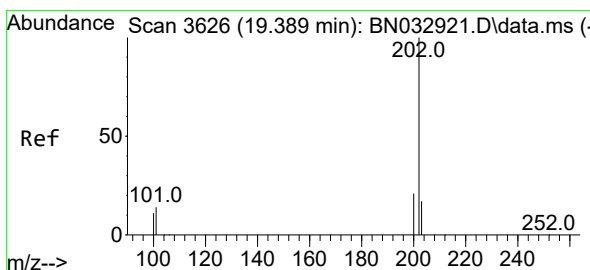
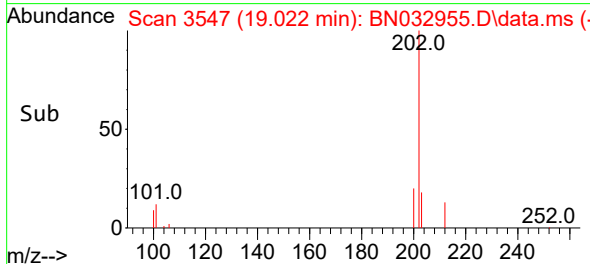
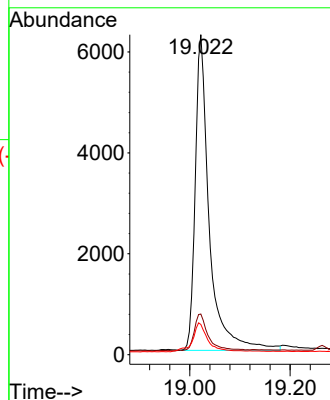
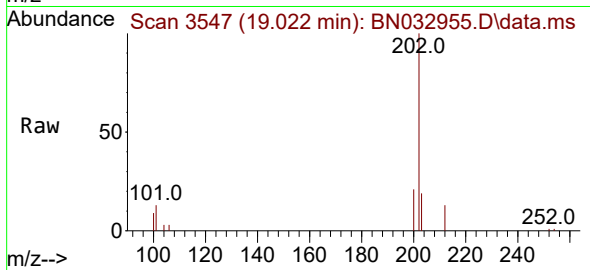
Tgt Ion:202 Resp: 12125

Ion Ratio Lower Upper

202 100

101 12.7 9.8 14.8

100 9.4 7.9 11.9



#20

Pyrene

Concen: 0.285 ng/ul

RT: 19.389 min Scan# 3626

Delta R.T. -0.003 min

Lab File: BN032955.D

Acq: 24 Jul 2024 19:37

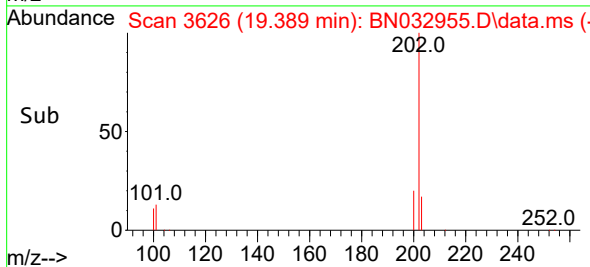
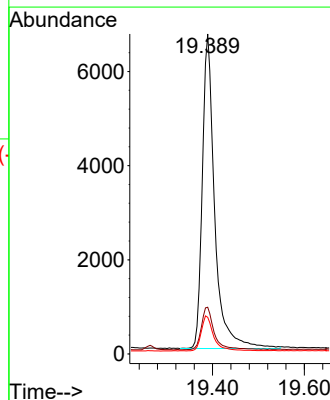
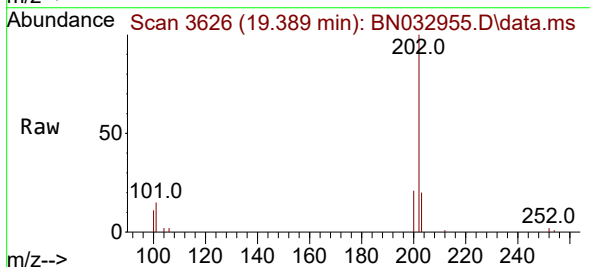
Tgt Ion:202 Resp: 12515

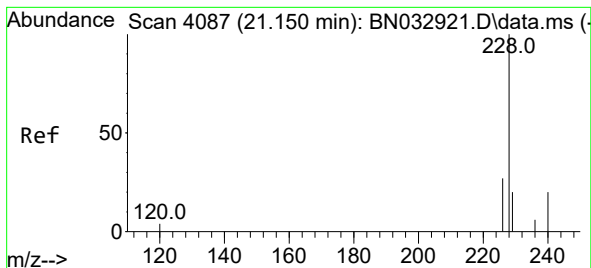
Ion Ratio Lower Upper

202 100

101 14.6 11.8 17.6

100 11.4 9.6 14.4





#21

Benzo(a)anthracene

Concen: 0.388 ng/ul

RT: 21.147 min Scan# 4086

Delta R.T. -0.003 min

Lab File: BN032955.D

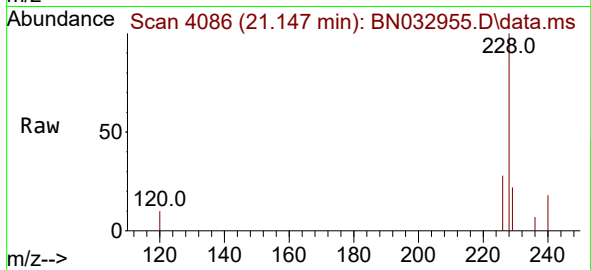
Acq: 24 Jul 2024 19:37

Instrument :

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SSTD0.4278



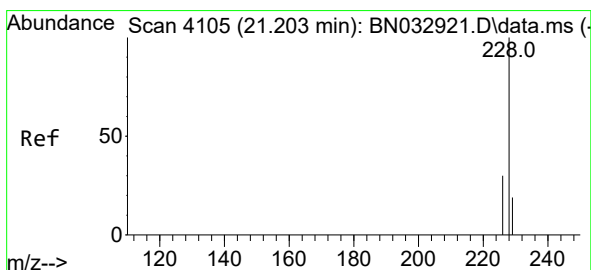
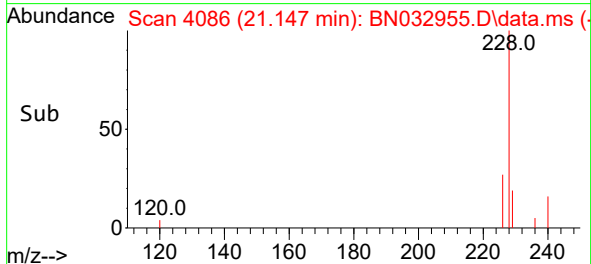
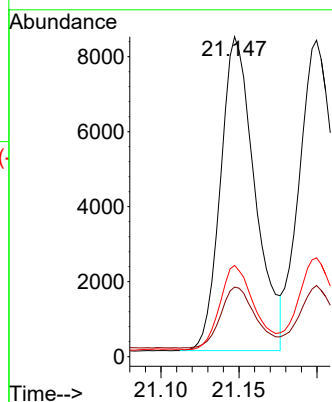
Tgt Ion:228 Resp: 12899

Ion Ratio Lower Upper

228 100

229 21.7 16.1 24.1

226 28.5 21.9 32.9



#22

Chrysene

Concen: 0.316 ng/ul

RT: 21.200 min Scan# 4104

Delta R.T. -0.003 min

Lab File: BN032955.D

Acq: 24 Jul 2024 19:37

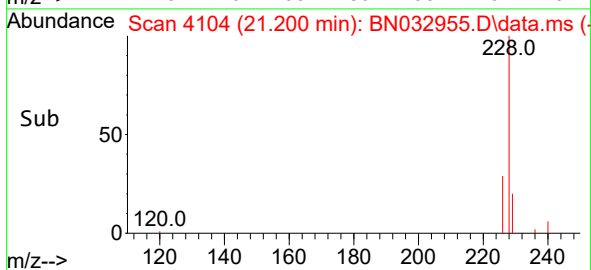
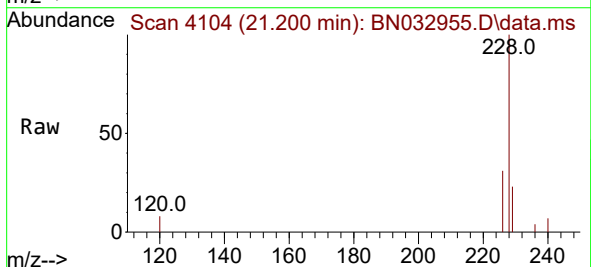
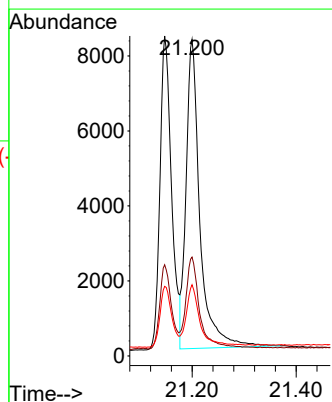
Tgt Ion:228 Resp: 15177

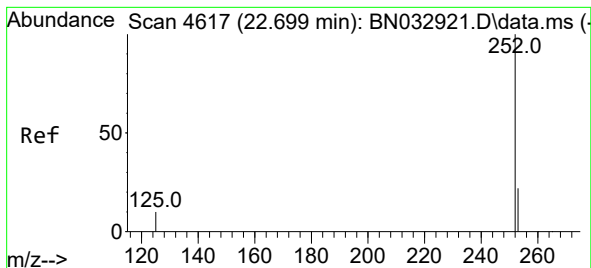
Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

229 22.5 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.307 ng/ul

RT: 22.699 min Scan# 4617

Delta R.T. -0.000 min

Lab File: BN032955.D

Acq: 24 Jul 2024 19:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.4278

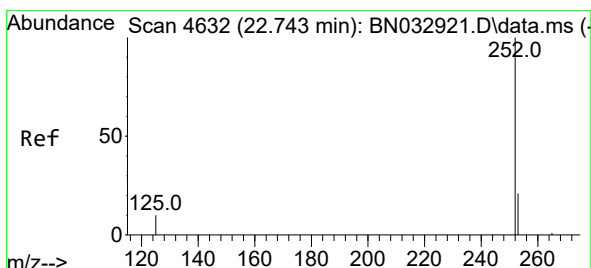
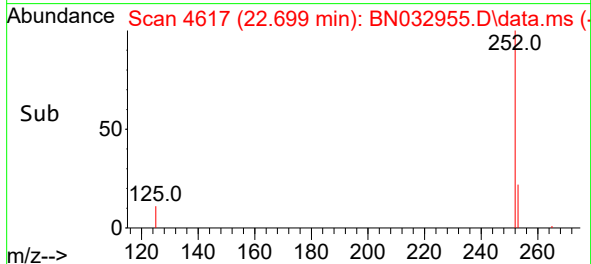
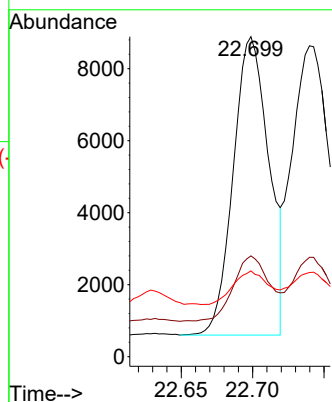
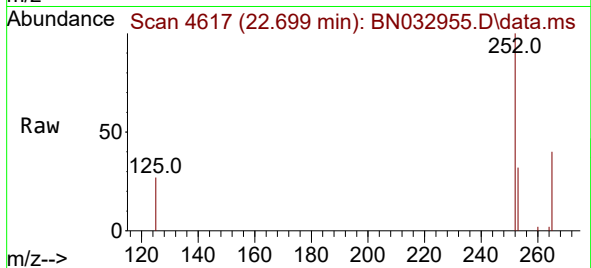
Tgt Ion:252 Resp: 14423

Ion Ratio Lower Upper

252 100

253 31.5 0.0 54.0

125 26.8 0.0 36.0



#25

Benzo(k)fluoranthene

Concen: 0.293 ng/ul

RT: 22.740 min Scan# 4631

Delta R.T. -0.000 min

Lab File: BN032955.D

Acq: 24 Jul 2024 19:37

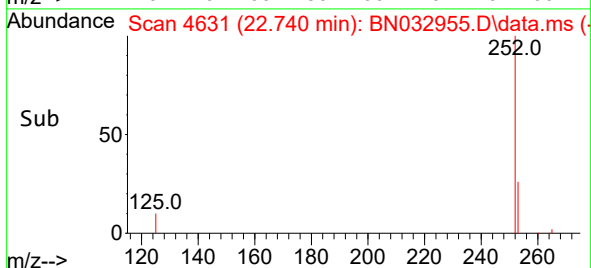
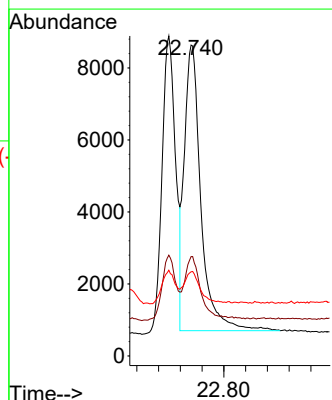
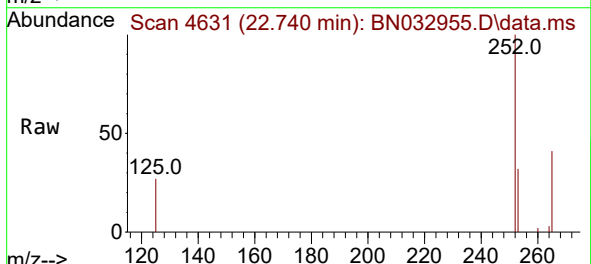
Tgt Ion:252 Resp: 16776

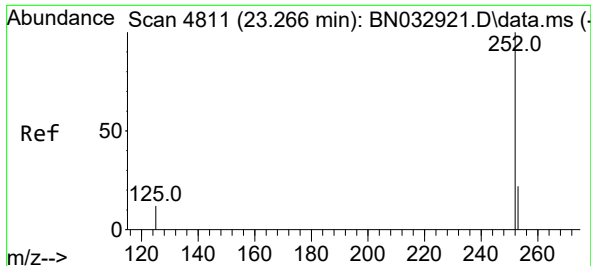
Ion Ratio Lower Upper

252 100

253 32.0 21.2 31.8#

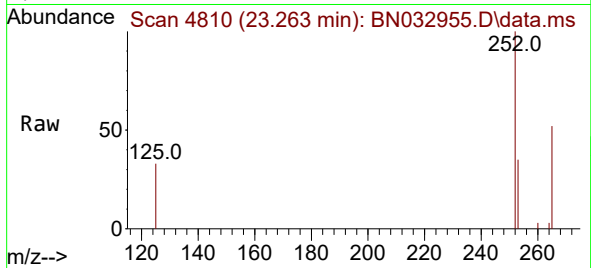
125 27.1 14.8 22.2#



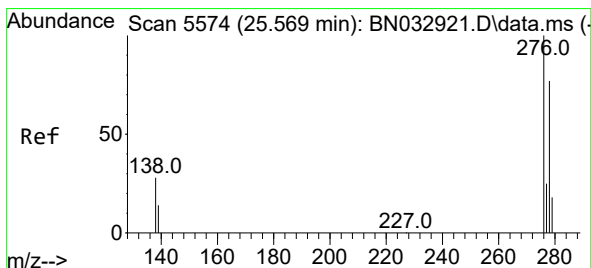
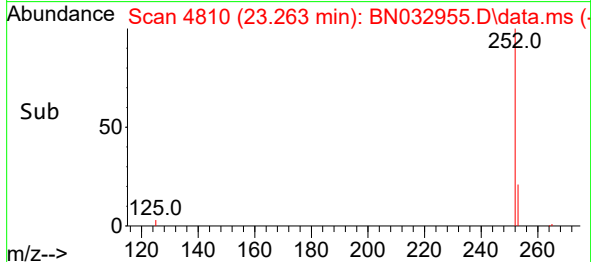
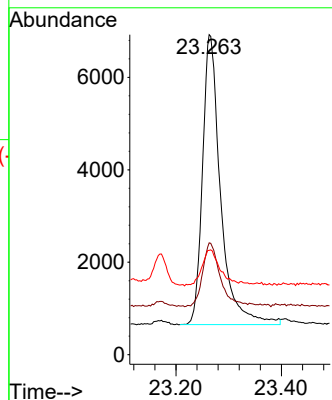


#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.263 min Scan# 4811
Delta R.T. -0.000 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4278

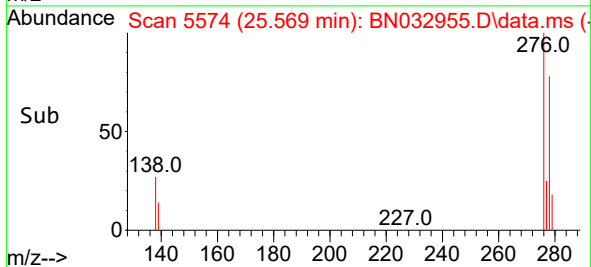
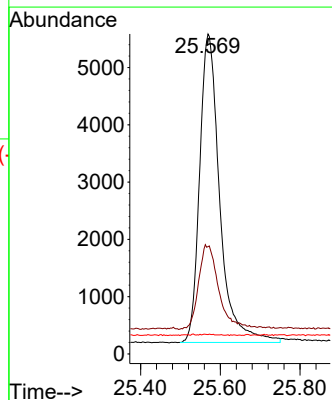
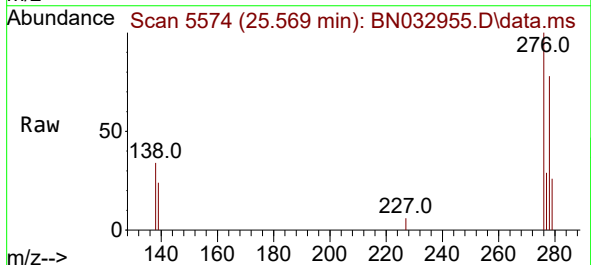


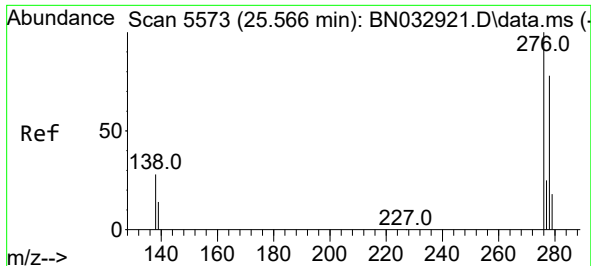
Tgt Ion:252 Resp: 14901
Ion Ratio Lower Upper
252 100
253 35.0 25.4 38.0
125 32.6 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.000 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

Tgt Ion:276 Resp: 18843
Ion Ratio Lower Upper
276 100
138 27.7 21.6 32.4
227 0.3 0.0 0.0#

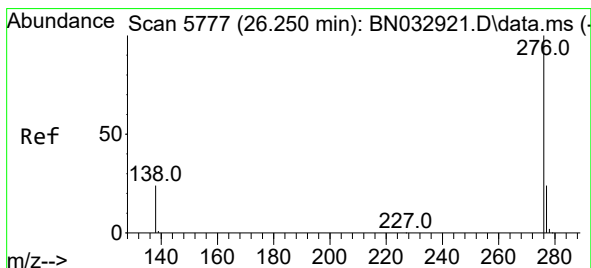
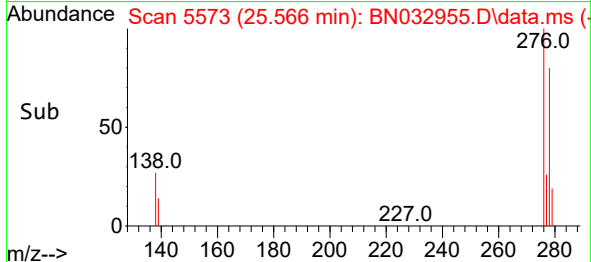
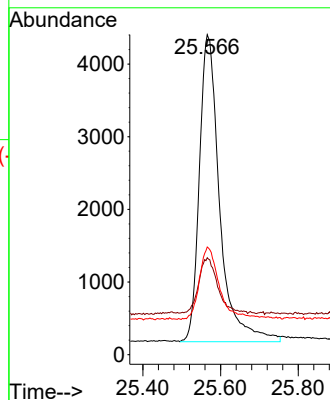
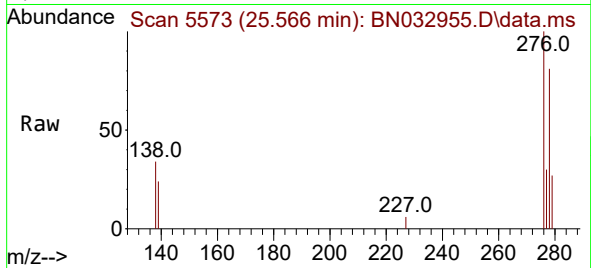




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.566 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4278

Tgt Ion:278 Resp: 15331
Ion Ratio Lower Upper
278 100
139 30.3 16.6 24.8#
279 33.6 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 26.253 min Scan# 5778
Delta R.T. 0.003 min
Lab File: BN032955.D
Acq: 24 Jul 2024 19:37

Tgt Ion:276 Resp: 15321
Ion Ratio Lower Upper
276 100
138 32.6 21.0 31.4#
277 29.2 20.6 31.0

