

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035626.D
 Acq On : 16 Dec 2024 20:36
 Operator : RC/JU
 Sample : P5232-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R9

Quant Time: Dec 16 21:56:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

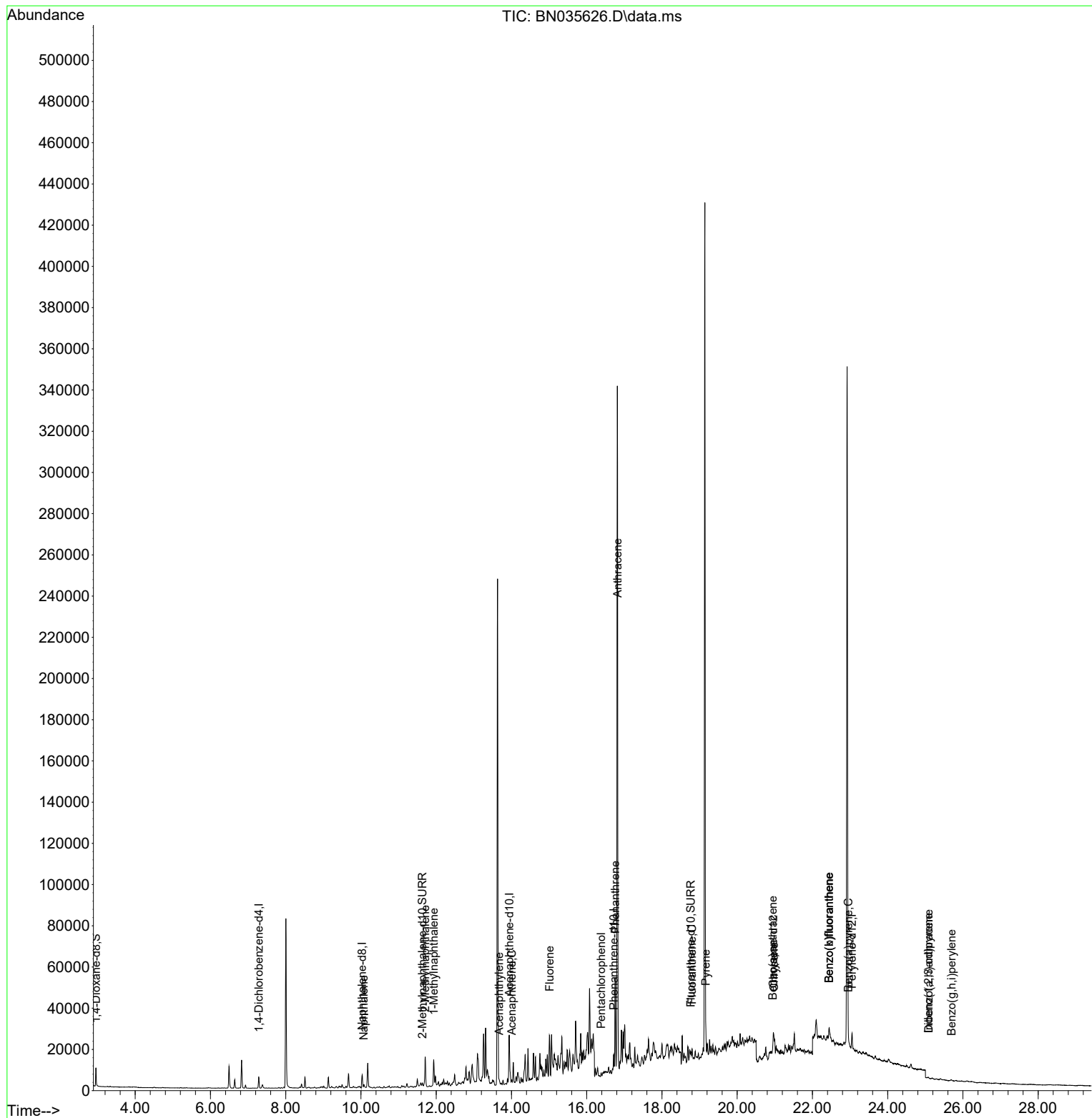
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7018	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.944	164	5894	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.717	188	10290	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	8587	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	10270	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5825	2.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2135	0.214	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5879	0.234	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	2263	0.132	ng/ul#	91
7) 2-Methylnaphthalene	11.708	142	10172	0.878	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	8591	0.715	ng/ul	98
10) Acenaphthylene	13.671	152	1647	0.072	ng/ul#	1
11) Acenaphthene	14.009	153	900	0.052	ng/ul#	80
12) Fluorene	15.013	166	8047	0.401	ng/ul#	75
14) Pentachlorophenol	16.380	266	54	0.020	ng/ul#	1
15) Phenanthrene	16.755	178	44032	1.710	ng/ul#	88
16) Anthracene	16.823	178	3712	0.154	ng/ul#	1
19) Fluoranthene	18.800	202	6972	0.227	ng/ul#	76
20) Pyrene	19.167	202	7543	0.223	ng/ul#	87
21) Benzo(a)anthracene	20.947	228	1723	0.060	ng/ul#	1
22) Chrysene	20.976	228	8807	0.298	ng/ul#	24
24) Benzo(b)fluoranthene	22.443	252	3432	0.113	ng/ul#	1
25) Benzo(k)fluoranthene	22.443	252	3432	0.103	ng/ul#	1
26) Benzo(a)pyrene	22.957	252	1003	0.034	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.084	276	6812	0.191	ng/ul#	52
28) Dibenzo(a,h)anthracene	25.091	278	6295	0.231	ng/ul#	1
29) Benzo(g,h,i)perylene	25.698	276	1074	0.038	ng/ul#	1

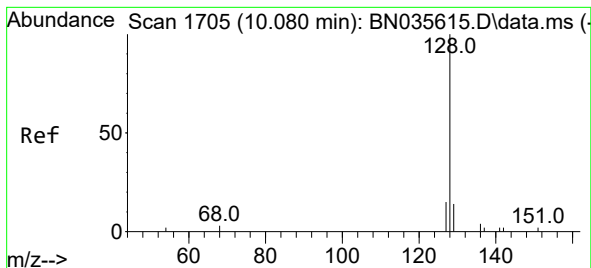
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.132 ng/ul

RT: 10.075 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN035626.D

Acq: 16 Dec 2024 20:36

Instrument :

BNA_N

ClientSampleId :

E28R9

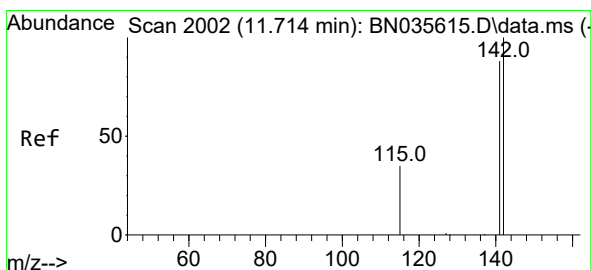
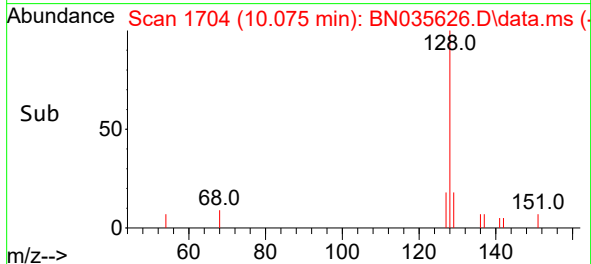
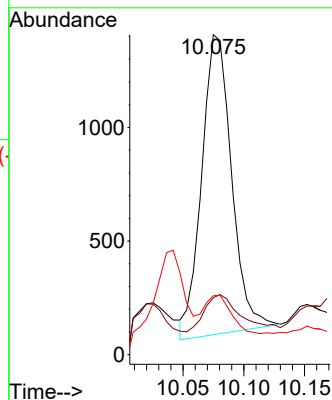
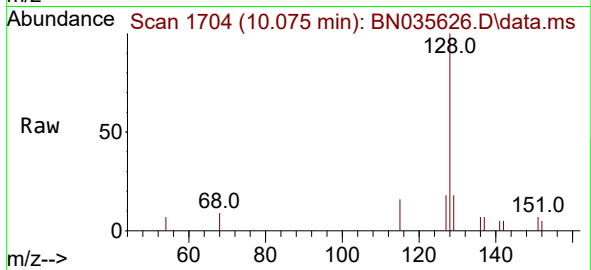
Tgt Ion:128 Resp: 2263

Ion Ratio Lower Upper

128 100

129 17.8 10.8 16.2#

127 18.4 12.0 18.0#



#7

2-Methylnaphthalene

Concen: 0.878 ng/ul

RT: 11.708 min Scan# 2001

Delta R.T. -0.005 min

Lab File: BN035626.D

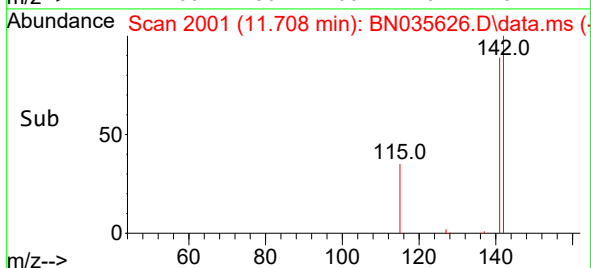
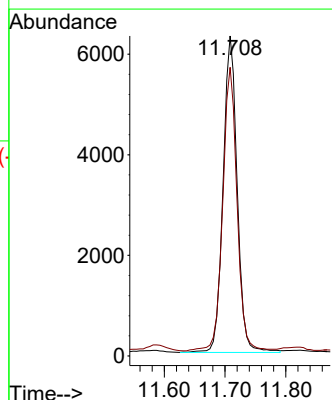
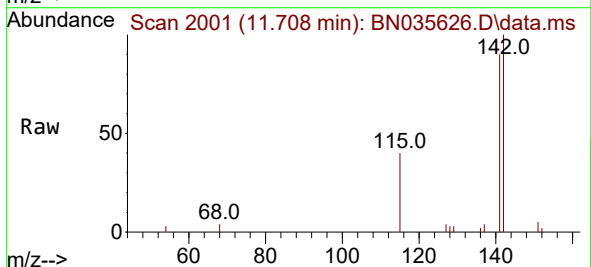
Acq: 16 Dec 2024 20:36

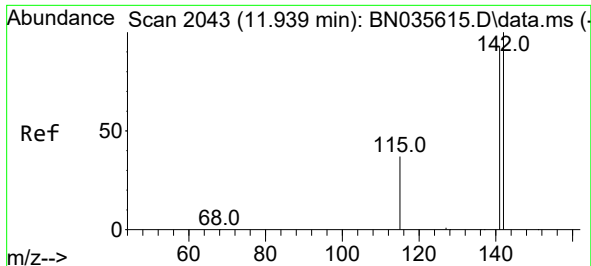
Tgt Ion:142 Resp: 10172

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

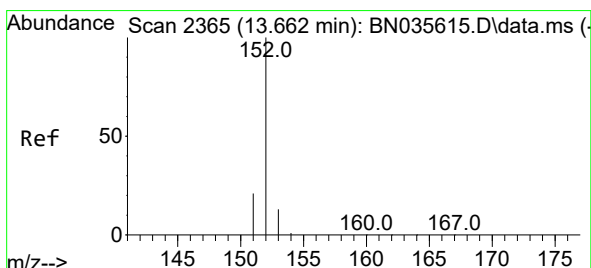
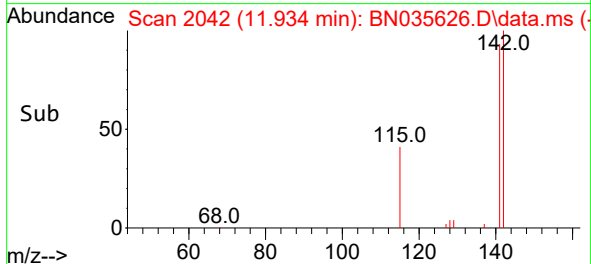
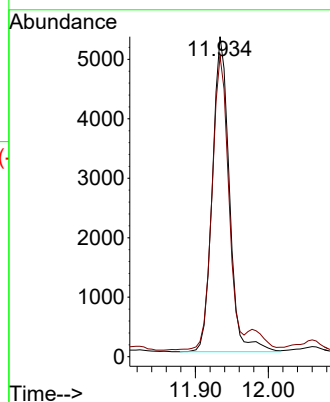
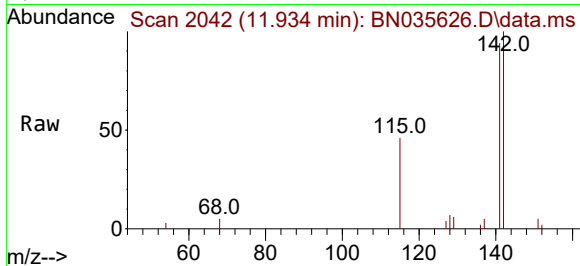




#8
1-Methylnaphthalene
Concen: 0.715 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

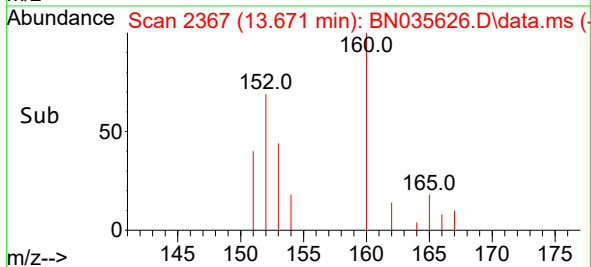
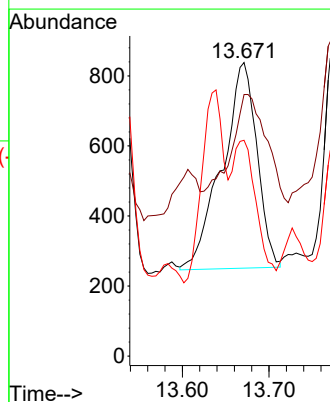
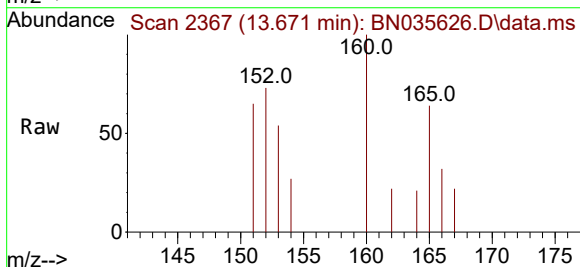
Instrument :
BNA_N
ClientSampleId :
E28R9

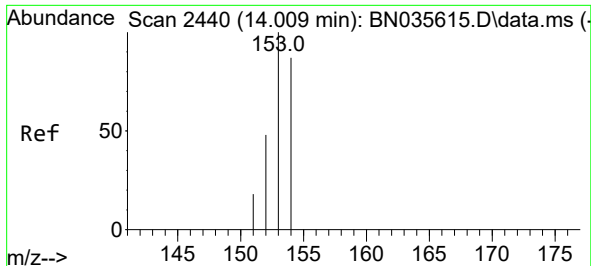
Tgt Ion:142 Resp: 8591
Ion Ratio Lower Upper
142 100
141 91.4 74.7 112.1



#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 13.671 min Scan# 2367
Delta R.T. 0.009 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

Tgt Ion:152 Resp: 1647
Ion Ratio Lower Upper
152 100
151 89.1 17.6 26.4#
153 73.5 11.4 17.2#

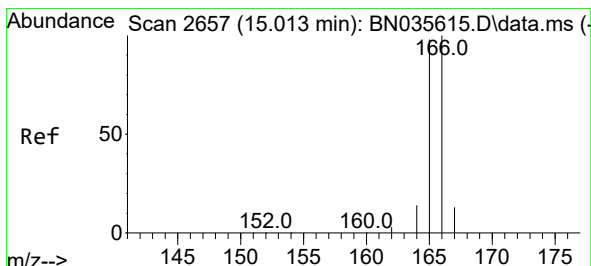
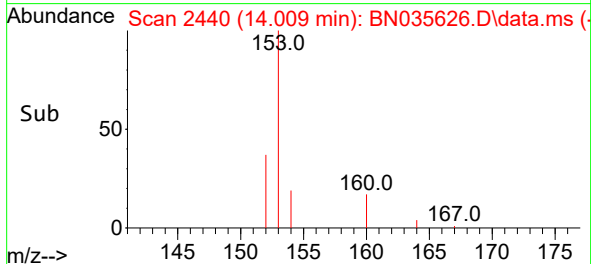
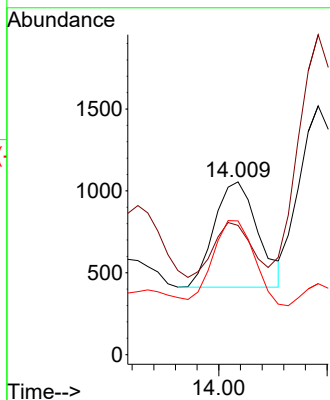
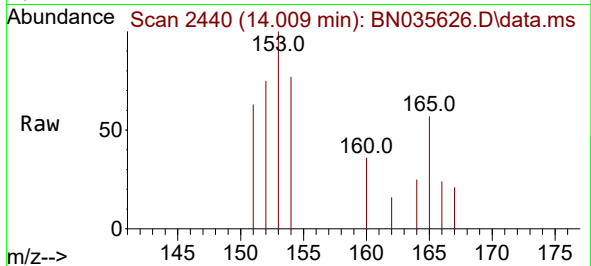




#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

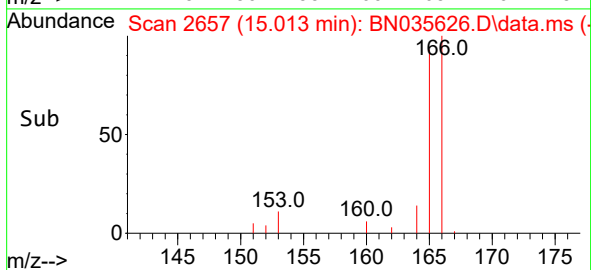
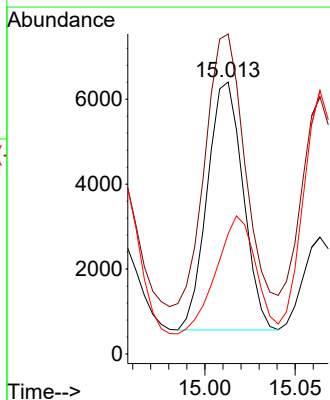
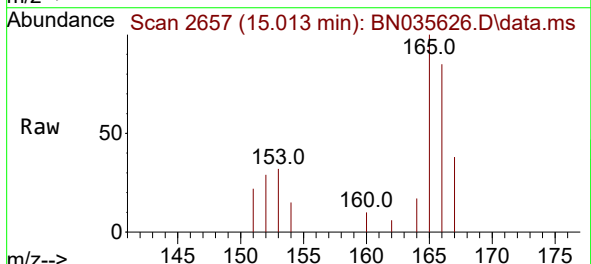
Instrument :
BNA_N
ClientSampleId :
E28R9

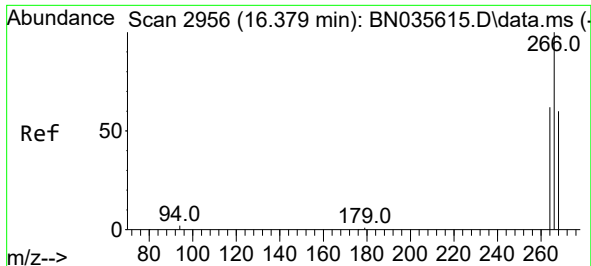
Tgt Ion:153 Resp: 900
Ion Ratio Lower Upper
153 100
152 74.8 39.8 59.6#
154 77.4 69.8 104.8



#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

Tgt Ion:166 Resp: 8047
Ion Ratio Lower Upper
166 100
165 117.7 79.5 119.3
167 44.2 11.8 17.8#

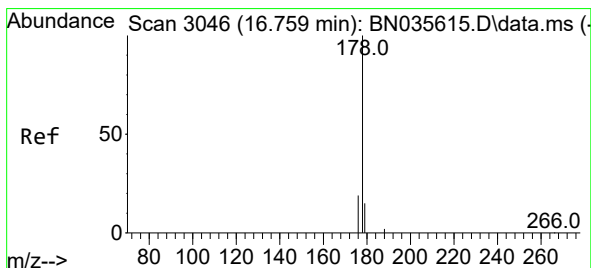
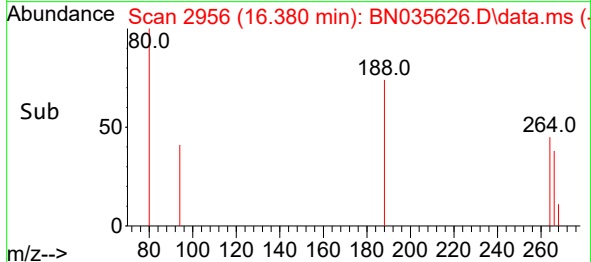
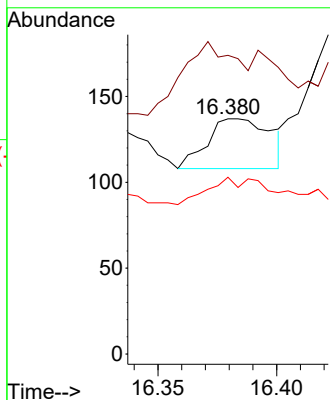
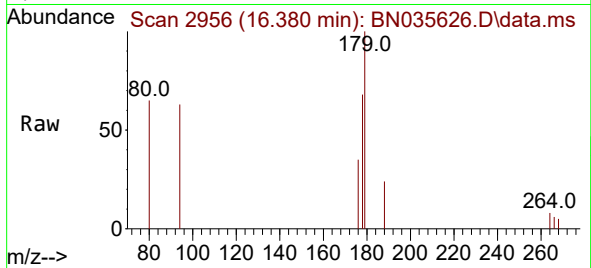




#14
 Pentachlorophenol
 Concen: 0.020 ng/ul
 RT: 16.380 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BN035626.D
 Acq: 16 Dec 2024 20:36

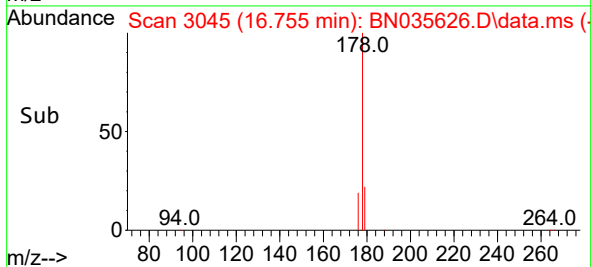
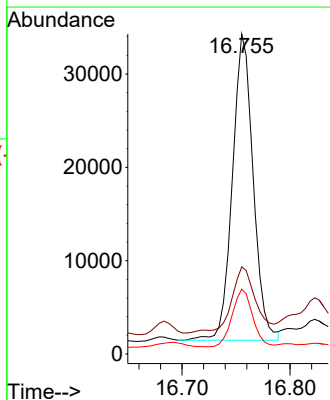
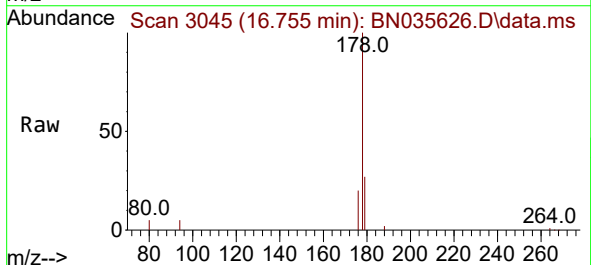
Instrument :
 BNA_N
 ClientSampleId :
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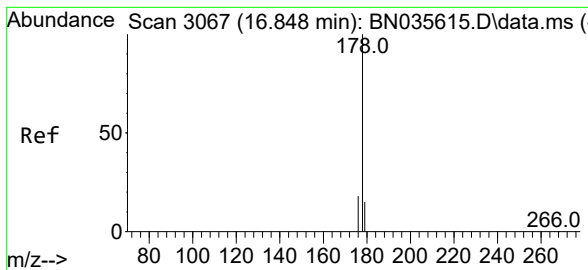
Tgt Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 264 338.9 49.9 74.9#
 268 53.7 52.8 79.2



#15
 Phenanthrene
 Concen: 1.710 ng/ul
 RT: 16.755 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN035626.D
 Acq: 16 Dec 2024 20:36

Tgt Ion:178 Resp: 44032
 Ion Ratio Lower Upper
 178 100
 179 27.2 13.3 19.9#
 176 20.3 15.8 23.8

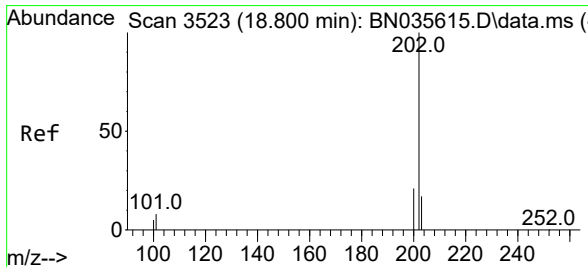
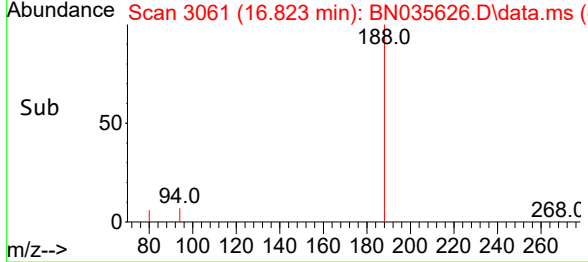
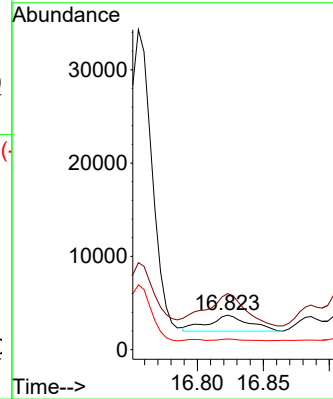
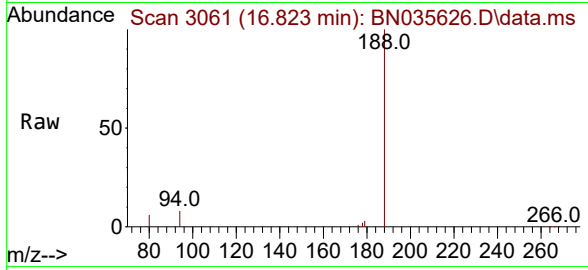




#16
 Anthracene
 Concen: 0.154 ng/ul
 RT: 16.823 min Scan# 3061
 Delta R.T. -0.025 min
 Lab File: BN035626.D
 Acq: 16 Dec 2024 20:36

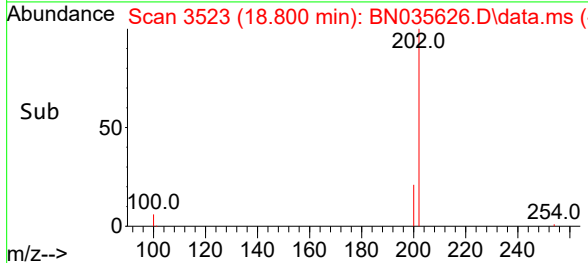
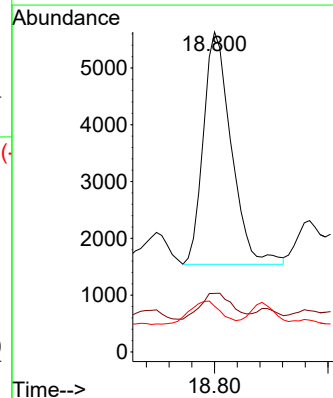
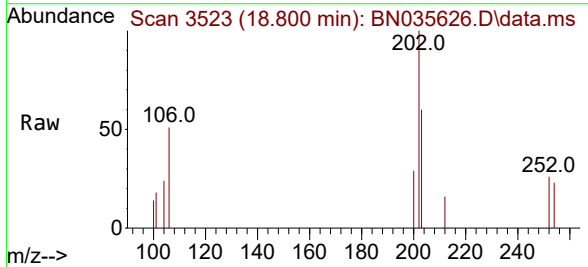
Instrument :
 BNA_N
 ClientSampleId :
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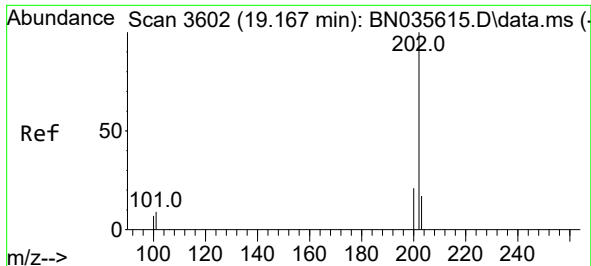
Tgt Ion:178 Resp: 3712
 Ion Ratio Lower Upper
 178 100
 179 162.6 13.4 20.0#
 176 31.1 15.4 23.0#



#19
 Fluoranthene
 Concen: 0.227 ng/ul
 RT: 18.800 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BN035626.D
 Acq: 16 Dec 2024 20:36

Tgt Ion:202 Resp: 6972
 Ion Ratio Lower Upper
 202 100
 101 18.3 7.3 10.9#
 100 14.3 5.4 8.0#

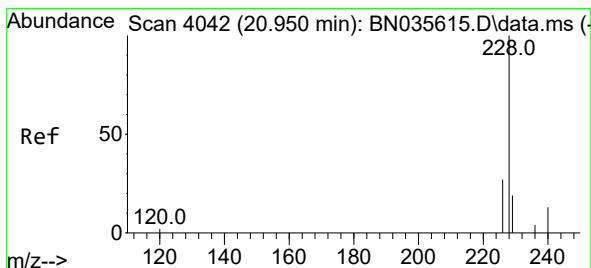
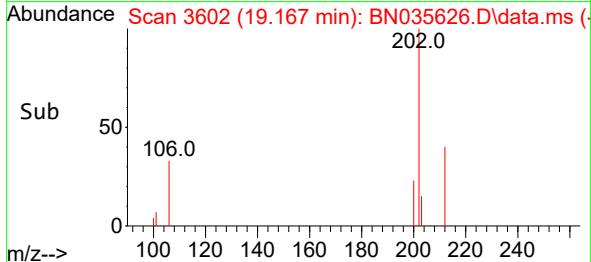
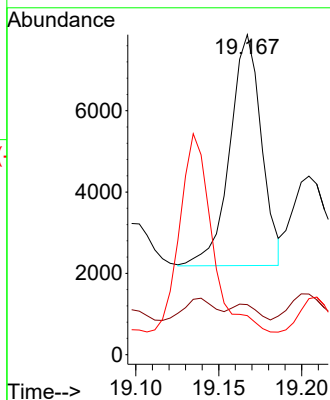
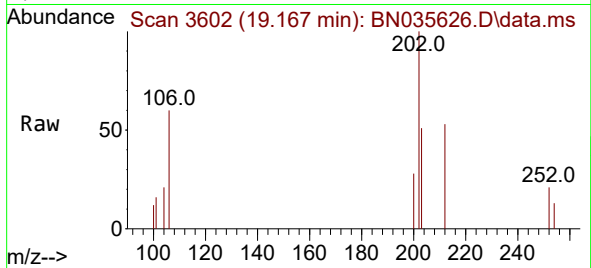




#20
Pyrene
Concen: 0.223 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

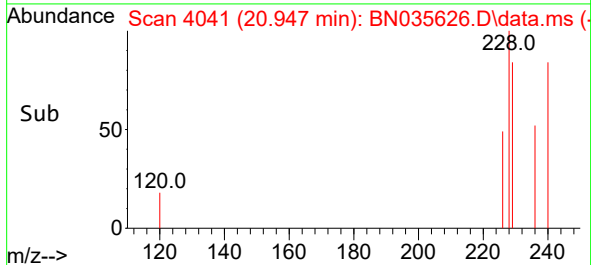
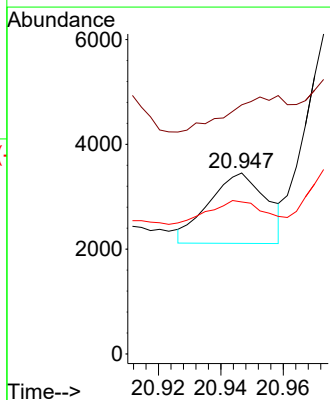
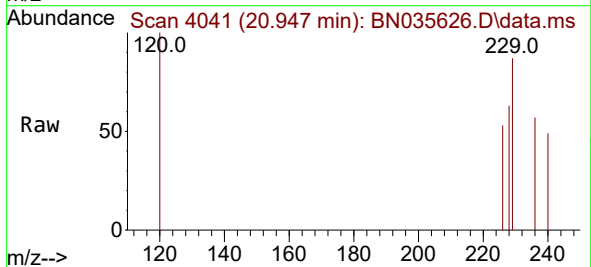
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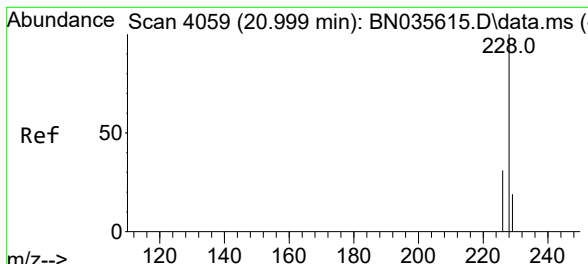
Tgt Ion:202 Resp: 7543
Ion Ratio Lower Upper
202 100
101 15.6 8.5 12.7#
100 12.2 6.5 9.7#



#21
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

Tgt Ion:228 Resp: 1723
Ion Ratio Lower Upper
228 100
229 137.7 16.6 25.0#
226 84.0 22.5 33.7#





#22

Chrysene

Concen: 0.298 ng/ul

RT: 20.976 min Scan# 4051

Delta R.T. -0.023 min

Lab File: BN035626.D

Acq: 16 Dec 2024 20:36

Instrument :

BNA_N

ClientSampleId :

E28R9

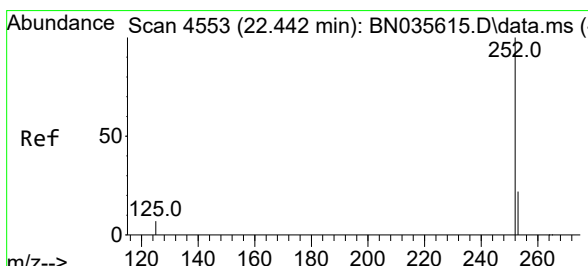
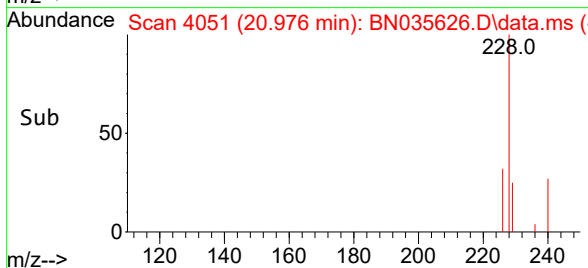
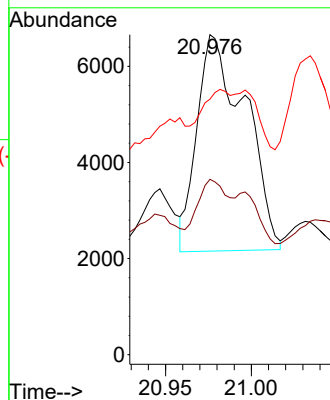
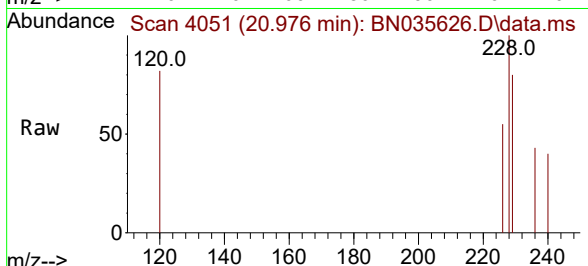
Tgt Ion:228 Resp: 8807

Ion Ratio Lower Upper

228 100

226 54.8 25.1 37.7#

229 79.8 16.6 24.8#



#24

Benzo(b)fluoranthene

Concen: 0.113 ng/ul

RT: 22.443 min Scan# 4553

Delta R.T. 0.000 min

Lab File: BN035626.D

Acq: 16 Dec 2024 20:36

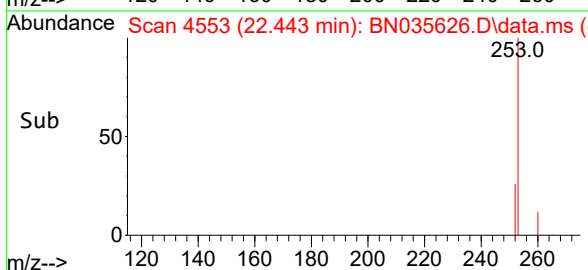
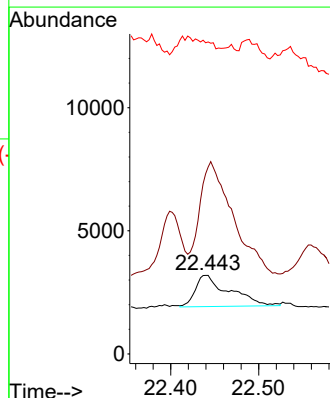
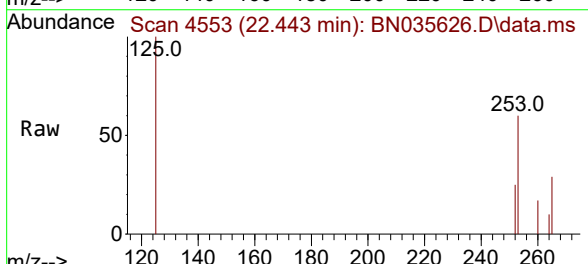
Tgt Ion:252 Resp: 3432

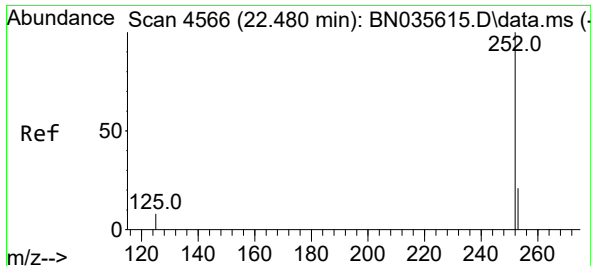
Ion Ratio Lower Upper

252 100

253 237.8 0.0 56.4#

125 396.7 0.0 37.6#

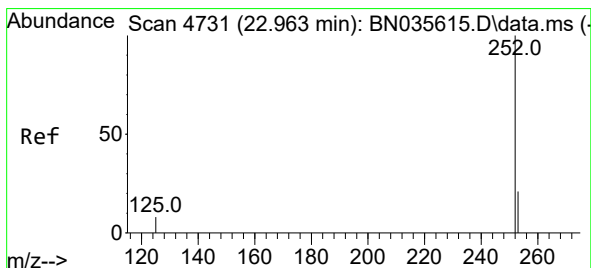
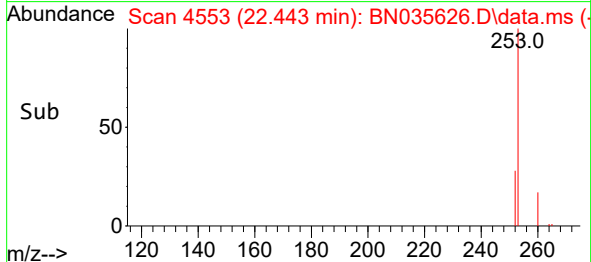
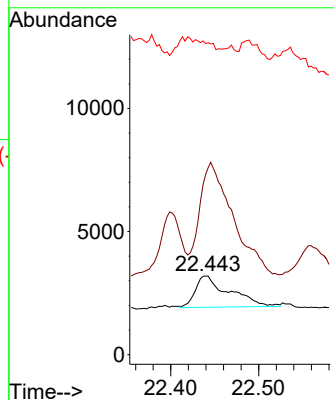
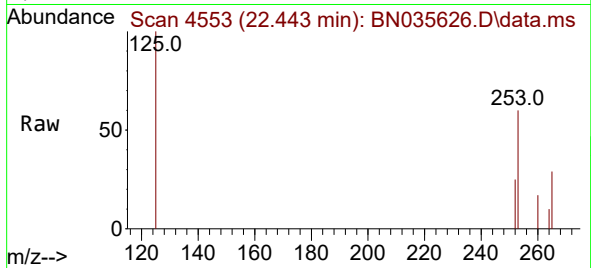




#25
Benzo(k)fluoranthene
Concen: 0.103 ng/ul
RT: 22.443 min Scan# 41
Delta R.T. -0.038 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

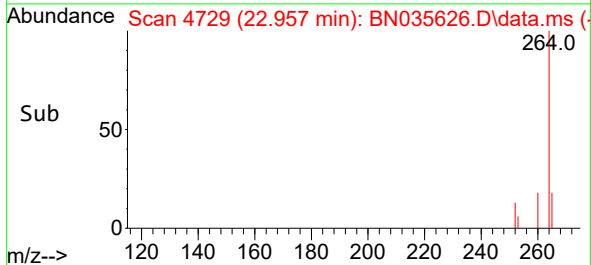
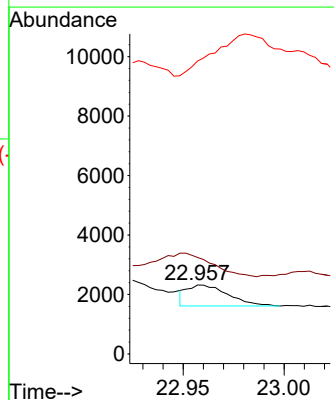
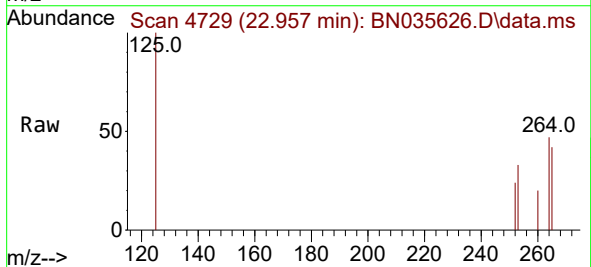
Instrument :
BNA_N
ClientSampleId :
E28R9

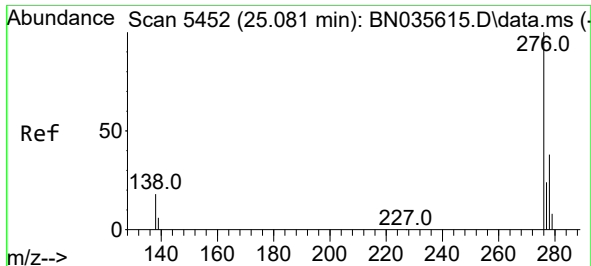
Tgt Ion:252 Resp: 3432
Ion Ratio Lower Upper
252 100
253 237.8 22.1 33.1#
125 396.7 15.3 22.9#



#26
Benzo(a)pyrene
Concen: 0.034 ng/ul
RT: 22.957 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

Tgt Ion:252 Resp: 1003
Ion Ratio Lower Upper
252 100
253 140.0 24.1 36.1#
125 424.9 19.1 28.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.191 ng/ul

RT: 25.084 min Scan# 5452

Delta R.T. 0.003 min

Lab File: BN035626.D

Acq: 16 Dec 2024 20:36

Instrument :

BNA_N

ClientSampleId :

E28R9

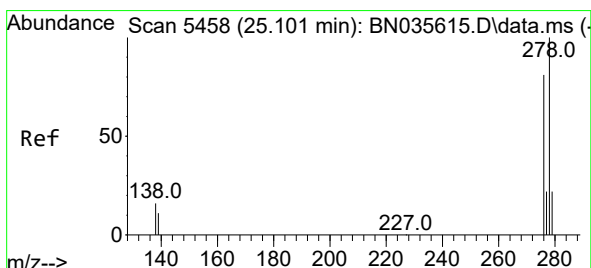
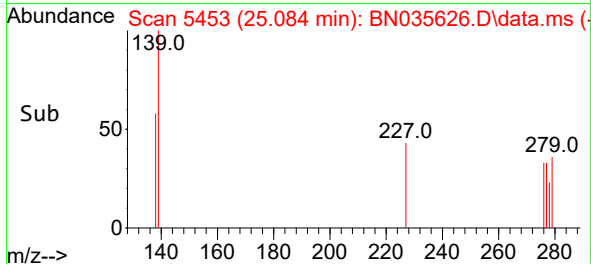
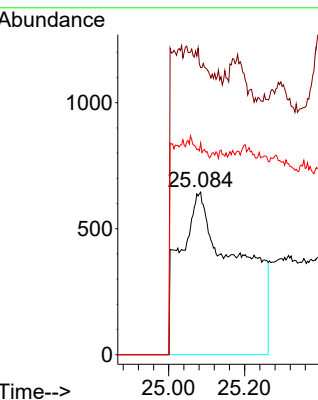
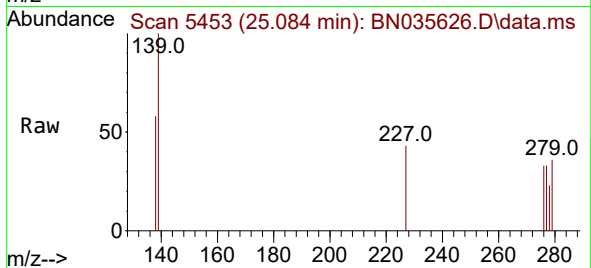
Tgt Ion:276 Resp: 6812

Ion Ratio Lower Upper

276 100

138 0.0 14.7 22.1#

227 0.0 21.6 32.4#



#28

Dibenzo(a,h)anthracene

Concen: 0.231 ng/ul

RT: 25.091 min Scan# 5455

Delta R.T. -0.010 min

Lab File: BN035626.D

Acq: 16 Dec 2024 20:36

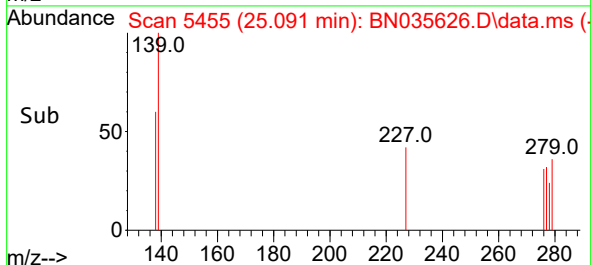
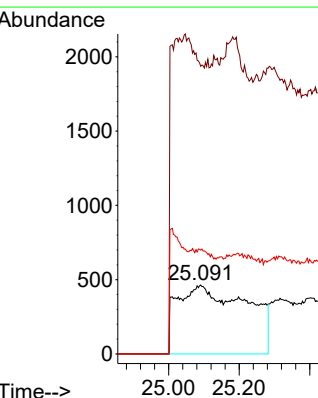
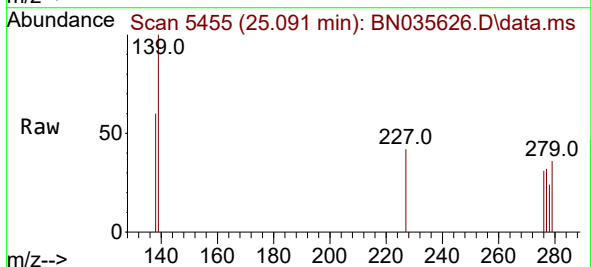
Tgt Ion:278 Resp: 6295

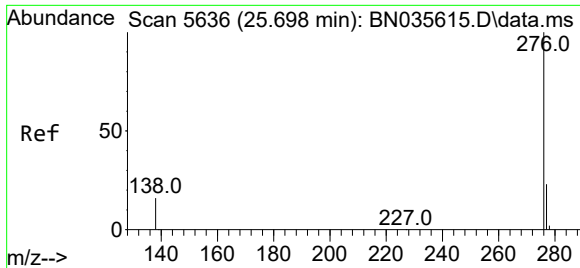
Ion Ratio Lower Upper

278 100

139 417.2 19.8 29.8#

279 150.6 24.0 36.0#





#29

Benzo(g,h,i)perylene

Concen: 0.038 ng/ul

RT: 25.698 min Scan# 5

Delta R.T. 0.000 min

Lab File: BN035626.D

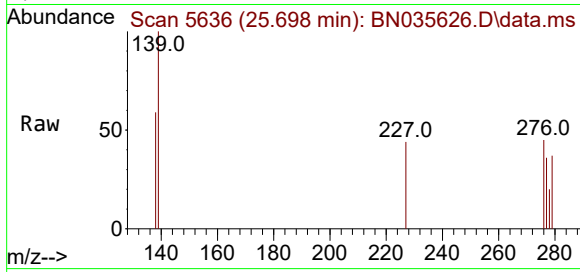
Acq: 16 Dec 2024 20:36

Instrument :

BNA_N

ClientSampleId :

E28R9



Tgt Ion:276 Resp: 1074

Ion Ratio Lower Upper

276 100

138 131.3 19.6 29.4#

277 80.4 21.6 32.4#

