

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035624.D
 Acq On : 16 Dec 2024 19:24
 Operator : RC/JU
 Sample : P5232-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S9

Quant Time: Dec 16 21:56:31 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)

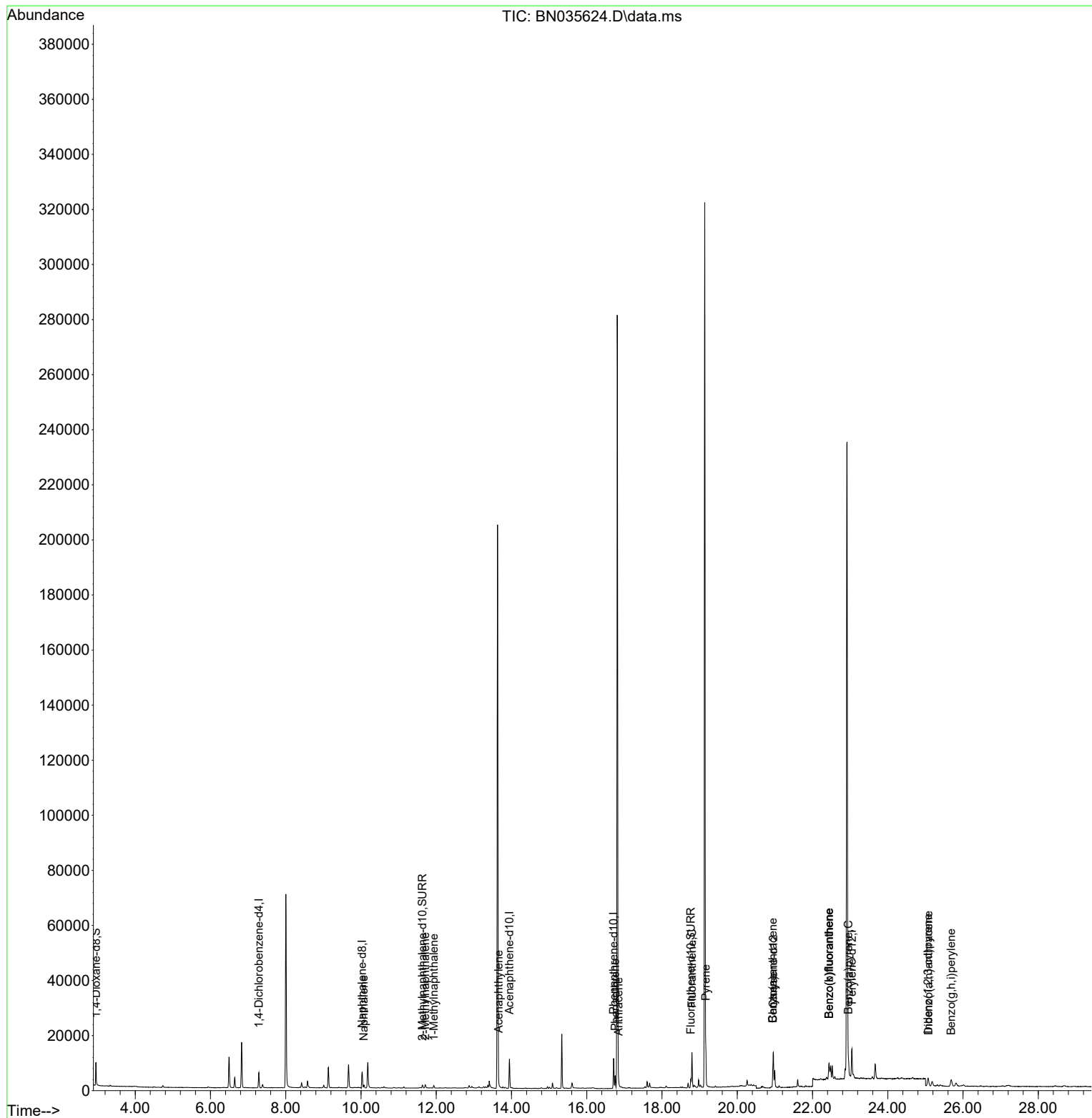
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7928	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5682	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12759	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	10858	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	13284	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5395	2.301	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	1515	0.134	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	3614	0.114	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	2165	0.111	ng/ul#	88
7) 2-Methylnaphthalene	11.708	142	919	0.070	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	664	0.049	ng/ul	97
10) Acenaphthylene	13.657	152	475	0.022	ng/ul#	58
15) Phenanthrene	16.755	178	4637	0.145	ng/ul	97
16) Anthracene	16.848	178	856	0.029	ng/ul#	72
19) Fluoranthene	18.795	202	11347	0.292	ng/ul	99
20) Pyrene	19.163	202	10389	0.243	ng/ul	98
21) Benzo(a)anthracene	20.944	228	4477	0.124	ng/ul	92
22) Chrysene	20.944	228	4415	0.118	ng/ul	95
24) Benzo(b)fluoranthene	22.437	252	12542	0.320	ng/ul	88
25) Benzo(k)fluoranthene	22.437	252	12542	0.290	ng/ul#	87
26) Benzo(a)pyrene	22.954	252	5849	0.154	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.071	276	5593	0.121	ng/ul#	52
28) Dibenzo(a,h)anthracene	25.081	278	1657	0.047	ng/ul#	1
29) Benzo(g,h,i)perylene	25.685	276	4763	0.129	ng/ul#	88

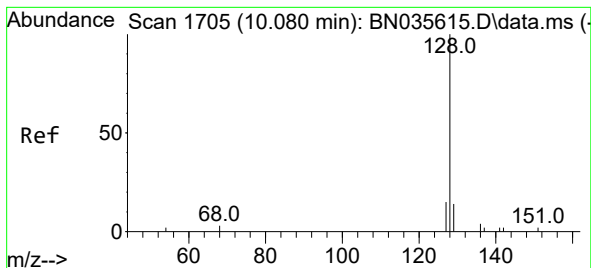
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.111 ng/ul

RT: 10.075 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

Instrument :

BNA_N

ClientSampleId :

E28S9

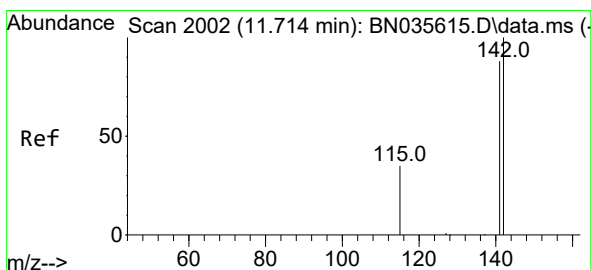
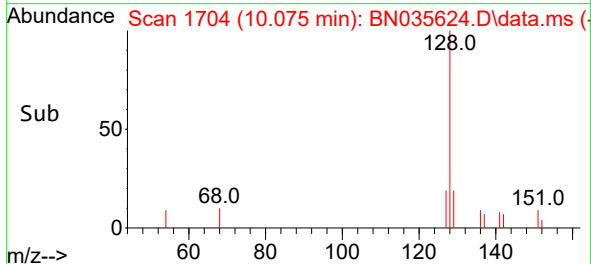
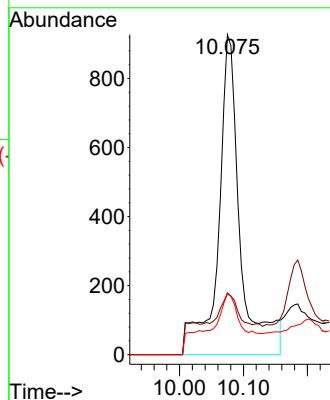
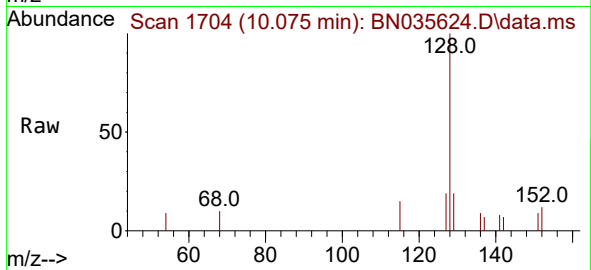
Tgt Ion:128 Resp: 2165

Ion Ratio Lower Upper

128 100

129 19.3 10.8 16.2#

127 19.0 12.0 18.0#



#7

2-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 11.708 min Scan# 2001

Delta R.T. -0.005 min

Lab File: BN035624.D

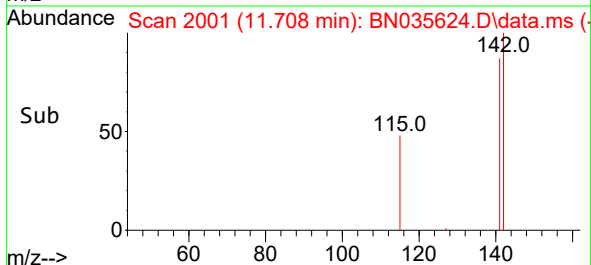
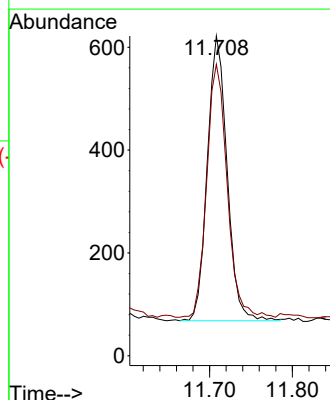
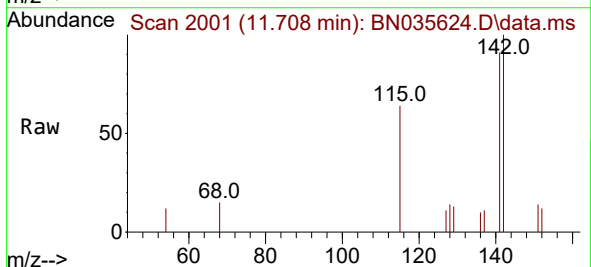
Acq: 16 Dec 2024 19:24

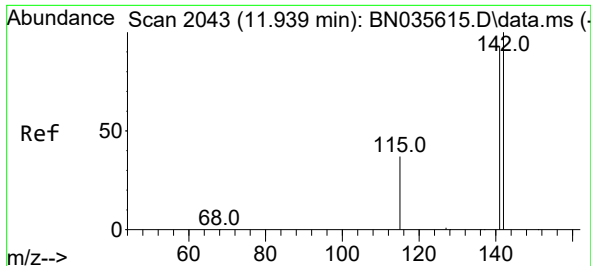
Tgt Ion:142 Resp: 919

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

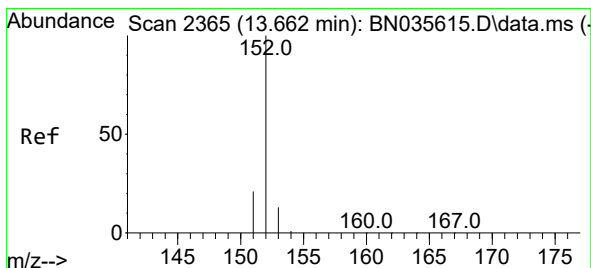
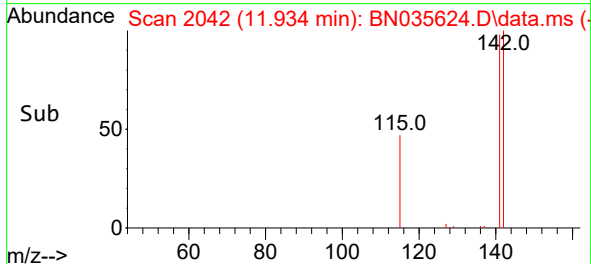
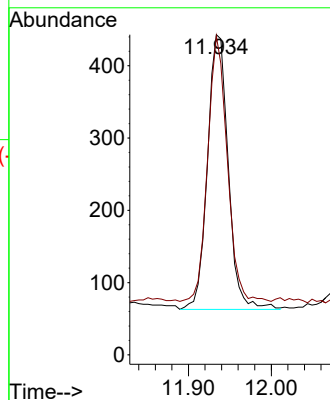
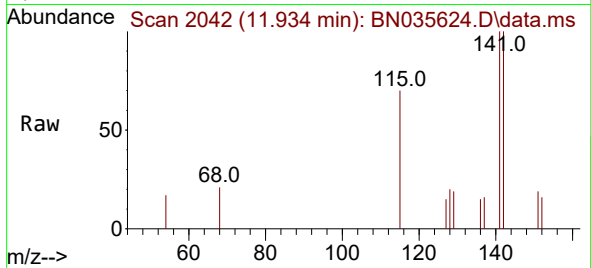




#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

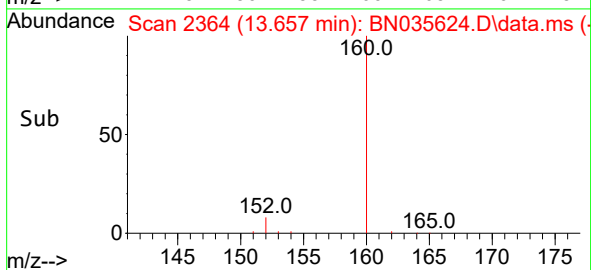
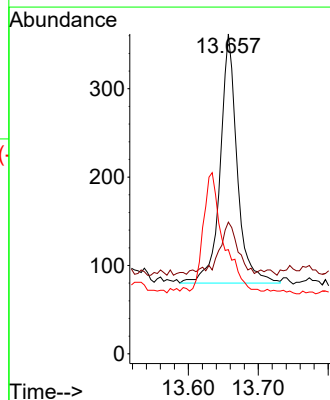
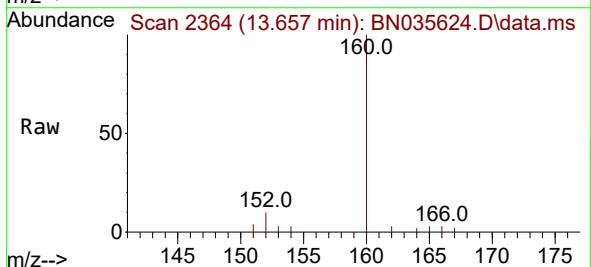
Instrument :
BNA_N
ClientSampleId :
E28S9

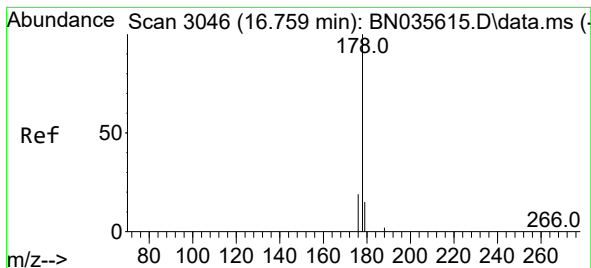
Tgt Ion:142 Resp: 664
Ion Ratio Lower Upper
142 100
141 90.5 74.7 112.1



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

Tgt Ion:152 Resp: 475
Ion Ratio Lower Upper
152 100
151 41.2 17.6 26.4#
153 32.6 11.4 17.2#





#15

Phenanthrene

Concen: 0.145 ng/ul

RT: 16.755 min Scan# 3045

Delta R.T. -0.004 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

Instrument :

BNA_N

ClientSampleId :

E28S9

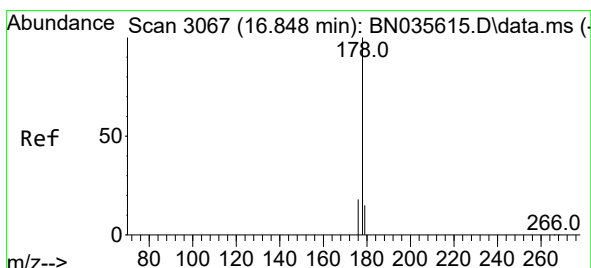
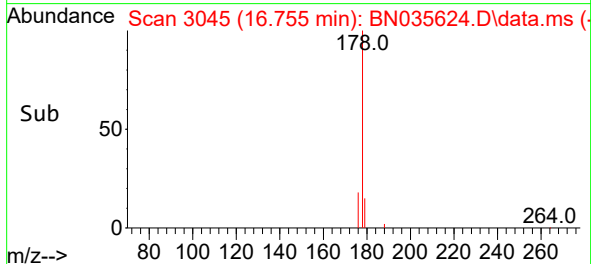
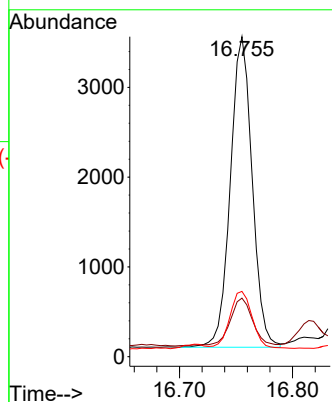
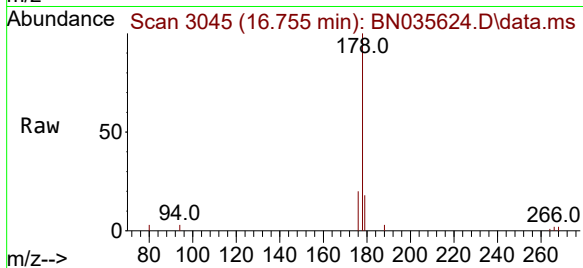
Tgt Ion:178 Resp: 4637

Ion Ratio Lower Upper

178 100

179 18.3 13.3 19.9

176 20.4 15.8 23.8



#16

Anthracene

Concen: 0.029 ng/ul

RT: 16.848 min Scan# 3067

Delta R.T. 0.000 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

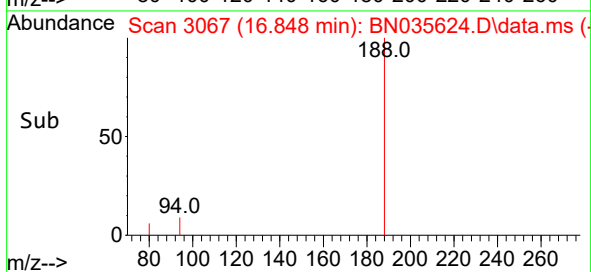
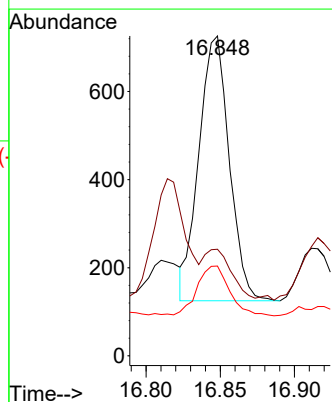
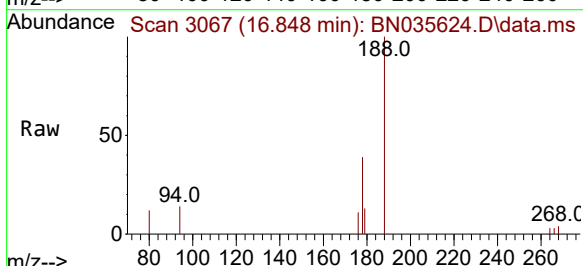
Tgt Ion:178 Resp: 856

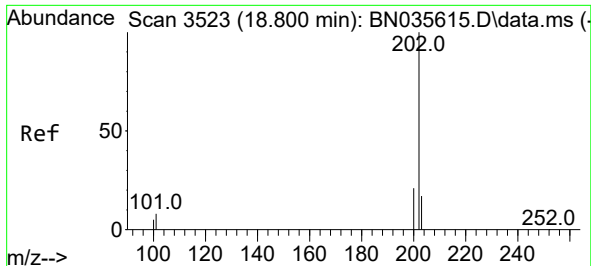
Ion Ratio Lower Upper

178 100

179 33.3 13.4 20.0#

176 28.1 15.4 23.0#





#19

Fluoranthene

Concen: 0.292 ng/ul

RT: 18.795 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

Instrument :

BNA_N

ClientSampleId :

E28S9

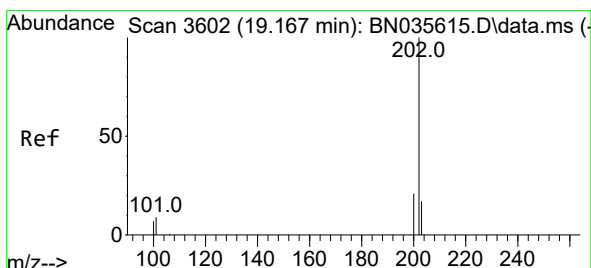
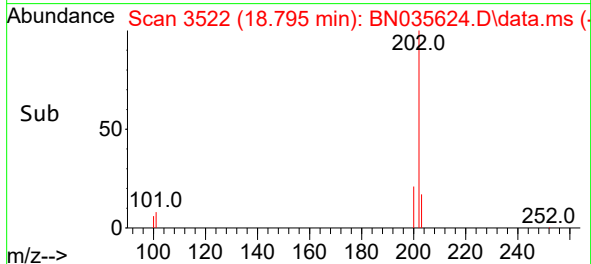
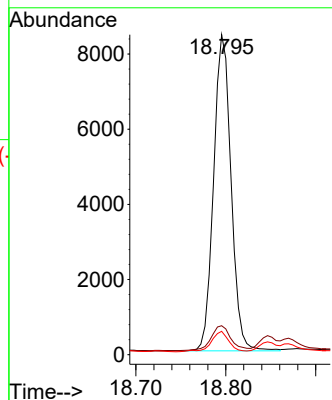
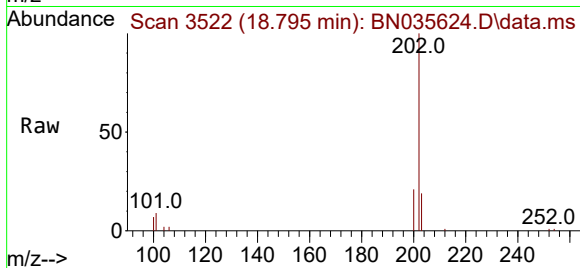
Tgt Ion:202 Resp: 11347

Ion Ratio Lower Upper

202 100

101 9.1 7.3 10.9

100 7.3 5.4 8.0



#20

Pyrene

Concen: 0.243 ng/ul

RT: 19.163 min Scan# 3601

Delta R.T. -0.005 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

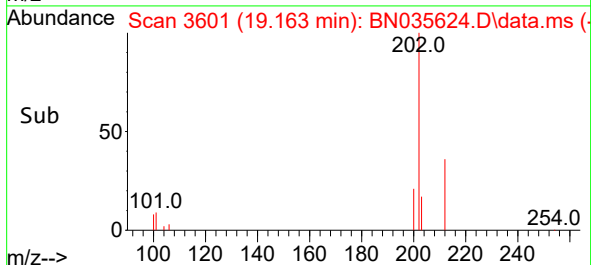
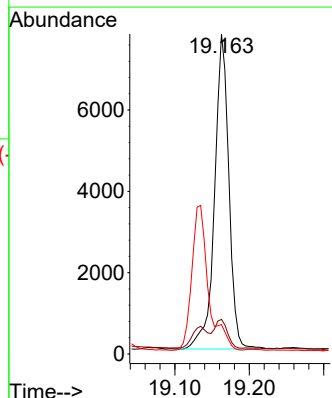
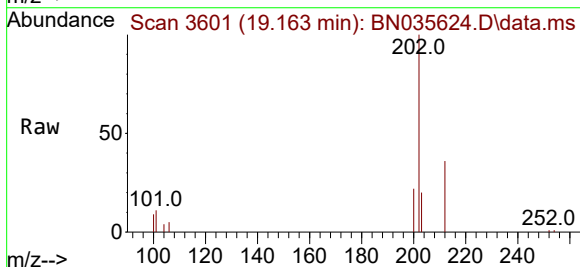
Tgt Ion:202 Resp: 10389

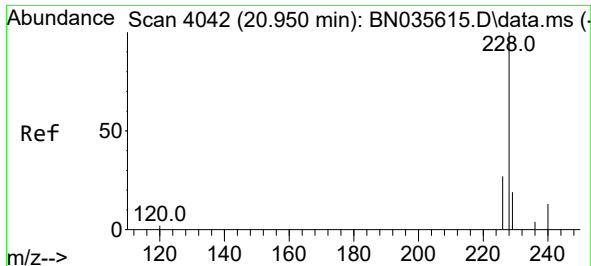
Ion Ratio Lower Upper

202 100

101 10.8 8.5 12.7

100 9.2 6.5 9.7

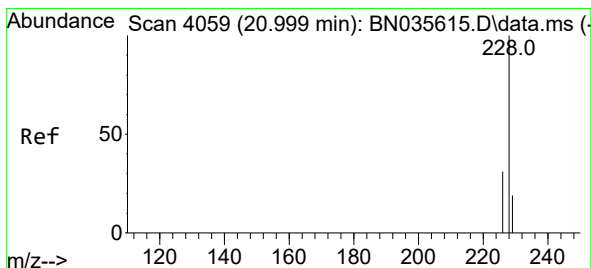
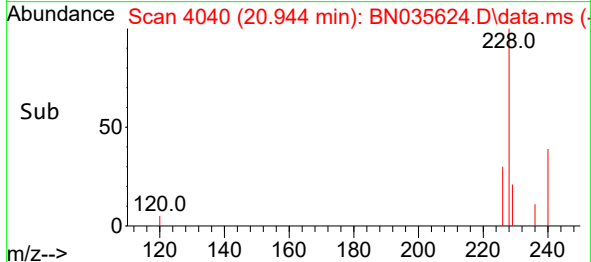
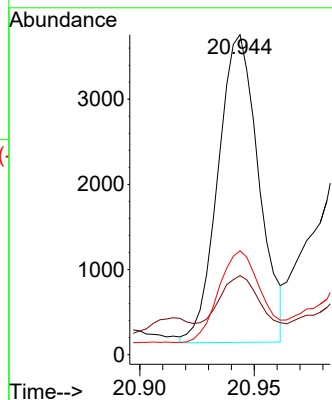
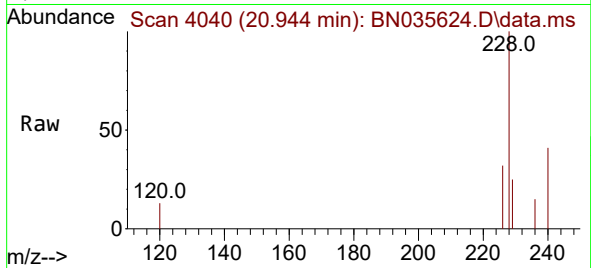




#21
Benzo(a)anthracene
Concen: 0.124 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

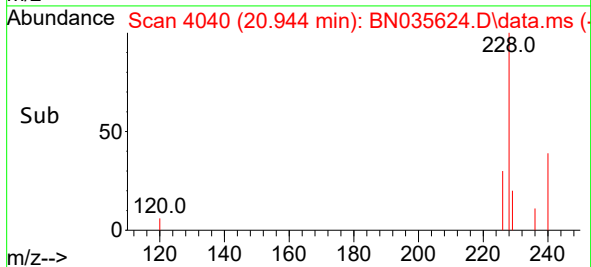
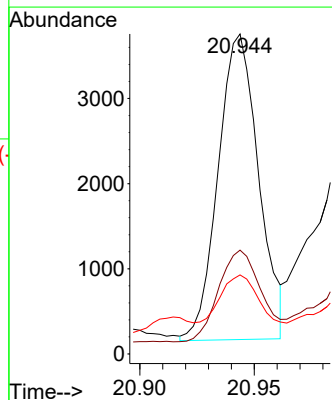
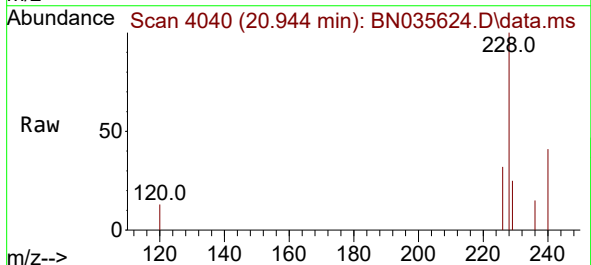
Instrument :
BNA_N
ClientSampleId :
E28S9

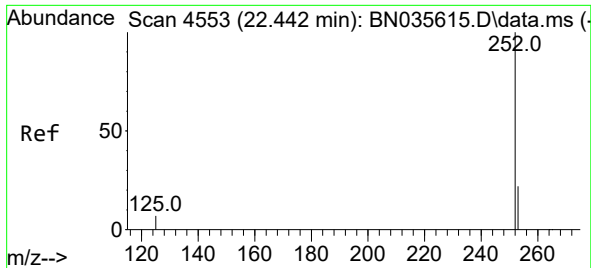
Tgt Ion:228 Resp: 4477
Ion Ratio Lower Upper
228 100
229 24.7 16.6 25.0
226 32.4 22.5 33.7



#22
Chrysene
Concen: 0.118 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.055 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

Tgt Ion:228 Resp: 4415
Ion Ratio Lower Upper
228 100
226 32.4 25.1 37.7
229 24.7 16.6 24.8

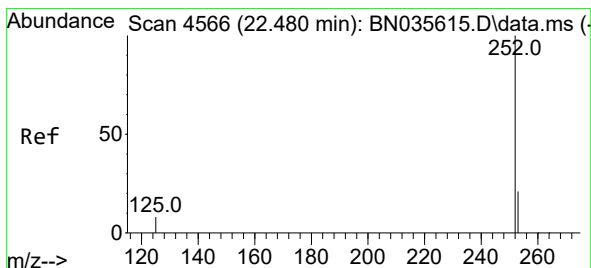
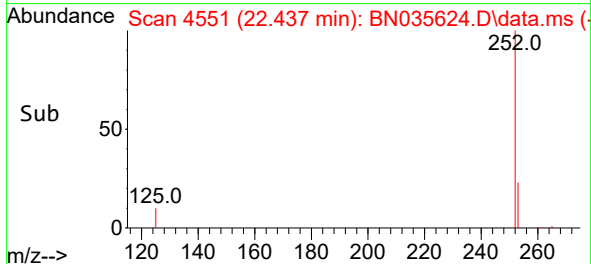
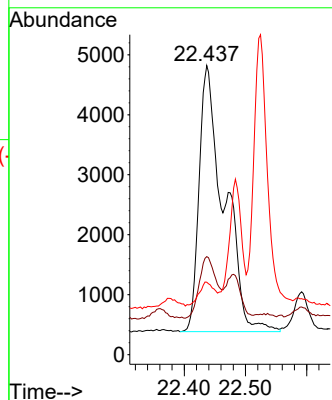
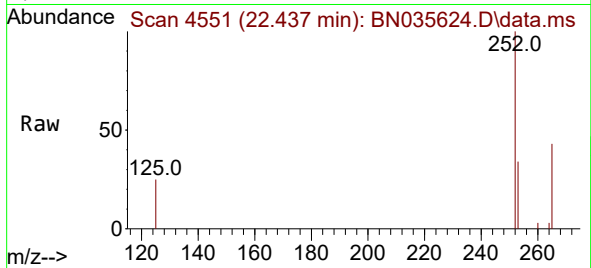




#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

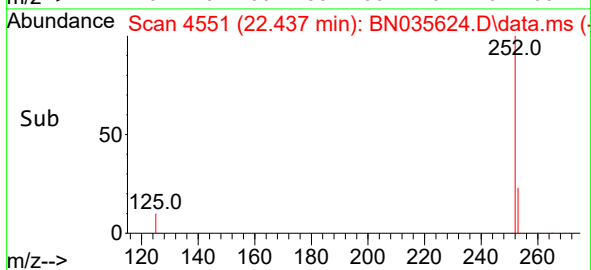
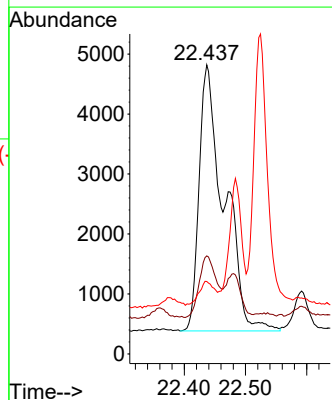
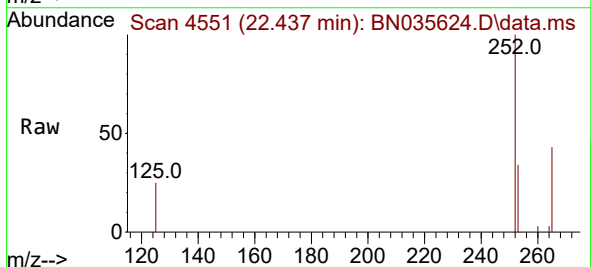
Instrument :
BNA_N
ClientSampleId :
E28S9

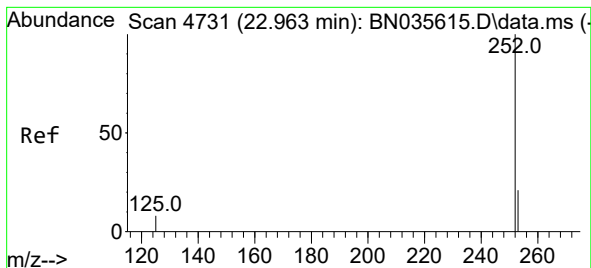
Tgt Ion:252 Resp: 12542
Ion Ratio Lower Upper
252 100
253 33.9 0.0 56.4
125 25.1 0.0 37.6



#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul
RT: 22.437 min Scan# 4551
Delta R.T. -0.044 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

Tgt Ion:252 Resp: 12542
Ion Ratio Lower Upper
252 100
253 33.9 22.1 33.1#
125 25.1 15.3 22.9#





#26

Benzo(a)pyrene

Concen: 0.154 ng/ul

RT: 22.954 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

Instrument :

BNA_N

ClientSampleId :

E28S9

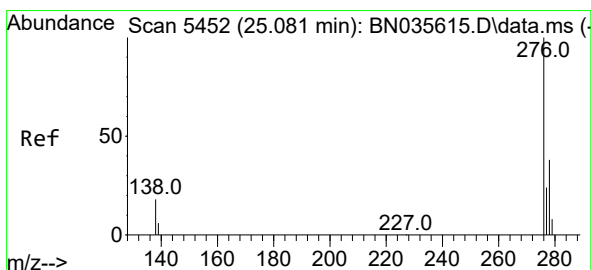
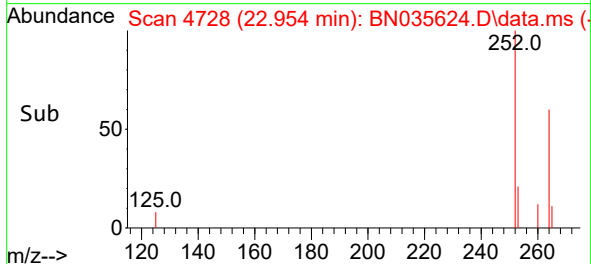
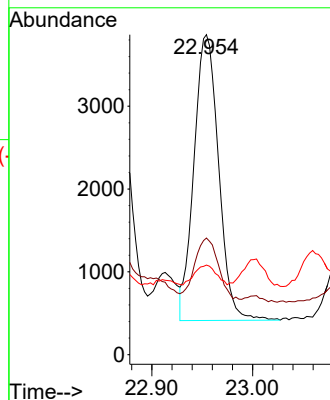
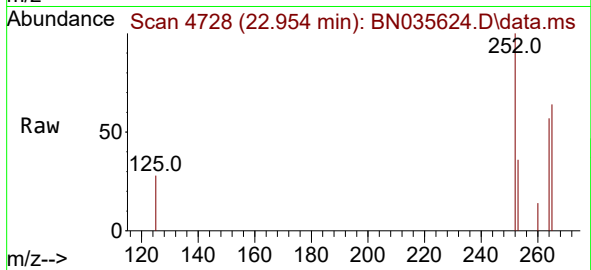
Tgt Ion:252 Resp: 5849

Ion Ratio Lower Upper

252 100

253 36.5 24.1 36.1#

125 28.0 19.1 28.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.121 ng/ul

RT: 25.071 min Scan# 5449

Delta R.T. -0.010 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

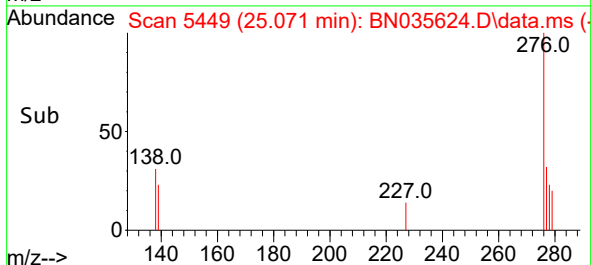
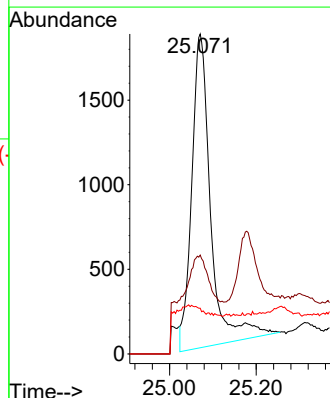
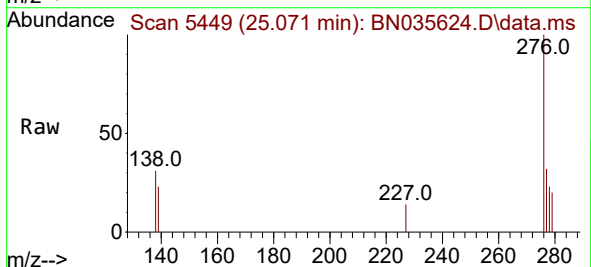
Tgt Ion:276 Resp: 5593

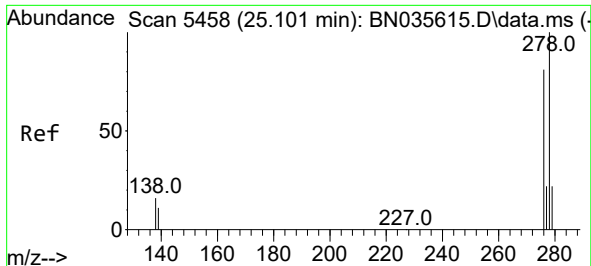
Ion Ratio Lower Upper

276 100

138 0.0 14.7 22.1#

227 0.0 21.6 32.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.047 ng/ul

RT: 25.081 min Scan# 54

Delta R.T. -0.020 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

Instrument :

BNA_N

ClientSampleId :

E28S9

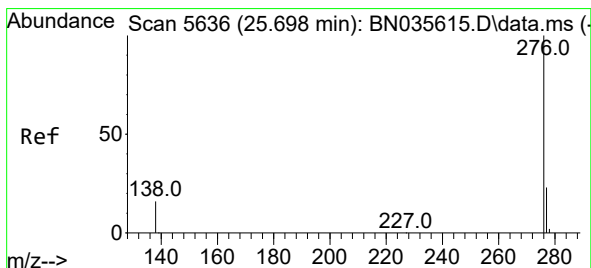
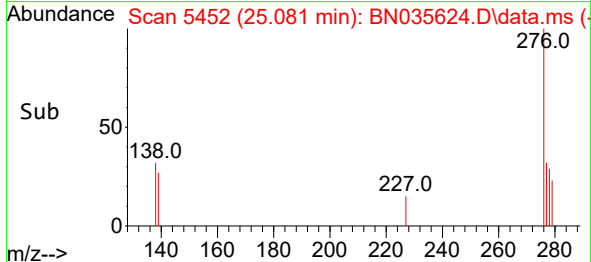
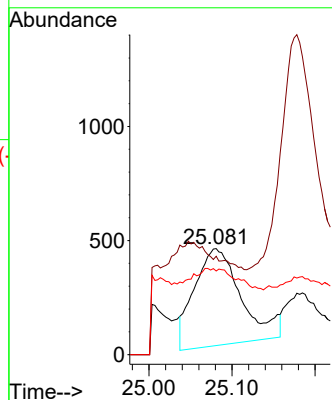
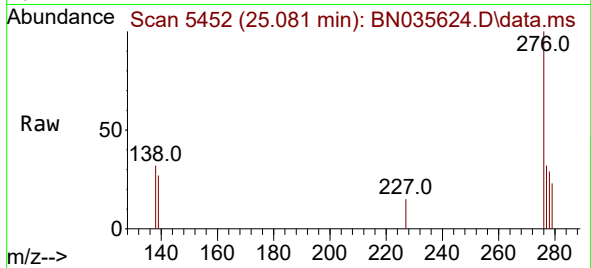
Tgt Ion:278 Resp: 1657

Ion Ratio Lower Upper

278 100

139 92.7 19.8 29.8#

279 78.9 24.0 36.0#



#29

Benzo(g,h,i)perylene

Concen: 0.129 ng/ul

RT: 25.685 min Scan# 5632

Delta R.T. -0.013 min

Lab File: BN035624.D

Acq: 16 Dec 2024 19:24

Tgt Ion:276 Resp: 4763

Ion Ratio Lower Upper

276 100

138 32.8 19.6 29.4#

277 31.3 21.6 32.4

