

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035622.D
 Acq On : 16 Dec 2024 18:13
 Operator : RC/JU
 Sample : P5232-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R5

Quant Time: Dec 16 21:56:09 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)

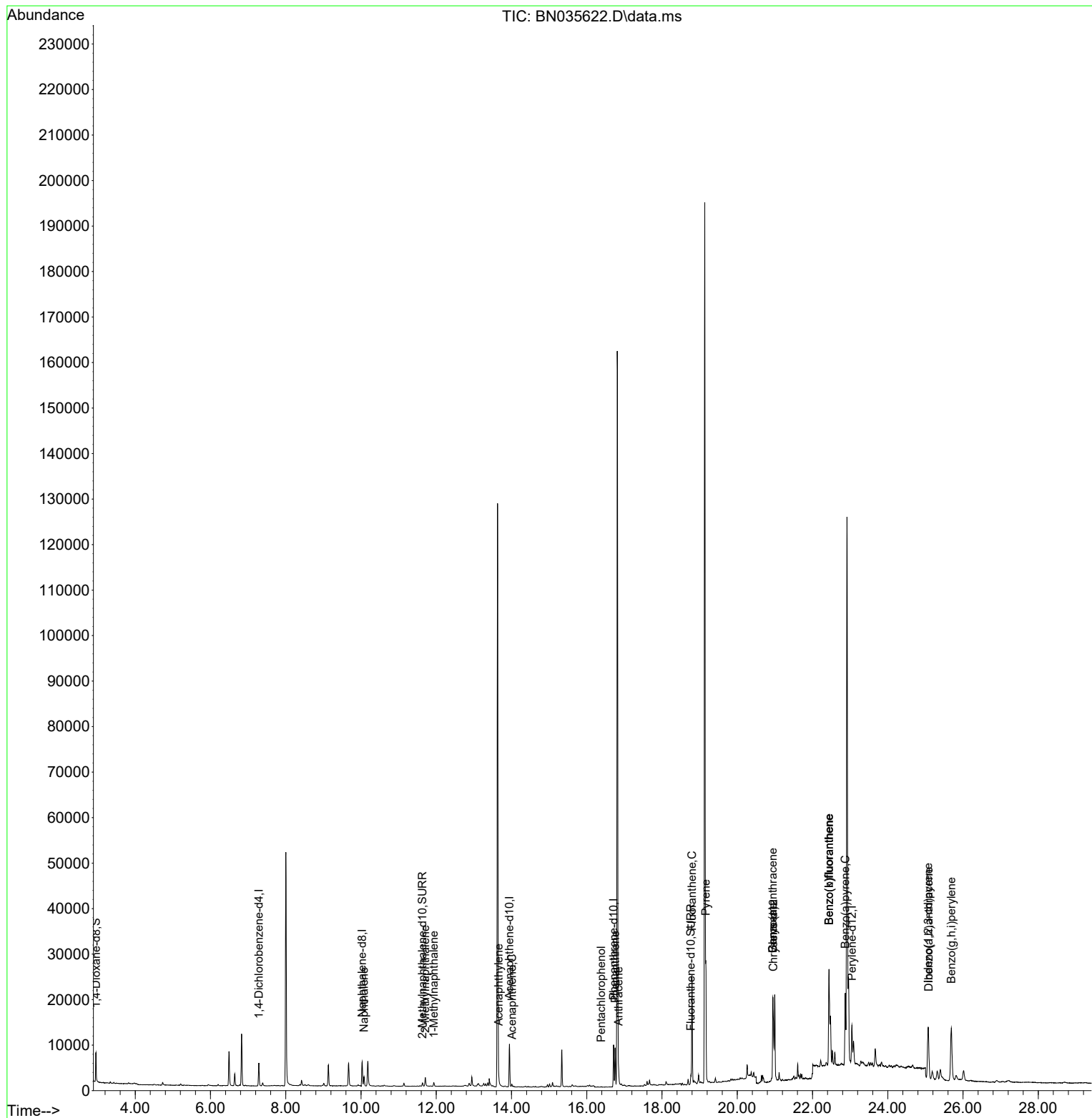
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2389	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7279	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5148	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11153	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9210	0.400	ng/ul	# 0.00
23) Perylene-d12	23.045	264	10406	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	4205	1.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	993	0.096	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	2264	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	3174	0.178	ng/ul	95
7) 2-Methylnaphthalene	11.708	142	1448	0.120	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	580	0.047	ng/ul	100
10) Acenaphthylene	13.657	152	1180	0.059	ng/ul#	80
11) Acenaphthene	14.009	153	324	0.021	ng/ul#	92
14) Pentachlorophenol	16.379	266	59	0.021	ng/ul	86
15) Phenanthrene	16.755	178	8791	0.315	ng/ul	99
16) Anthracene	16.848	178	1982	0.076	ng/ul#	86
19) Fluoranthene	18.795	202	21198	0.644	ng/ul	100
20) Pyrene	19.163	202	21719	0.599	ng/ul	99
21) Benzo(a)anthracene	20.944	228	14639	0.479	ng/ul	95
22) Chrysene	20.944	228	14639	0.462	ng/ul	96
24) Benzo(b)fluoranthene	22.437	252	43003	1.402	ng/ul	98
25) Benzo(k)fluoranthene	22.437	252	43003	1.268	ng/ul	99
26) Benzo(a)pyrene	22.869	252	20417	0.687	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.074	276	20492	0.567	ng/ul#	68
28) Dibenzo(a,h)anthracene	25.084	278	5355	0.194	ng/ul#	68
29) Benzo(g,h,i)perylene	25.688	276	22659	0.781	ng/ul	95

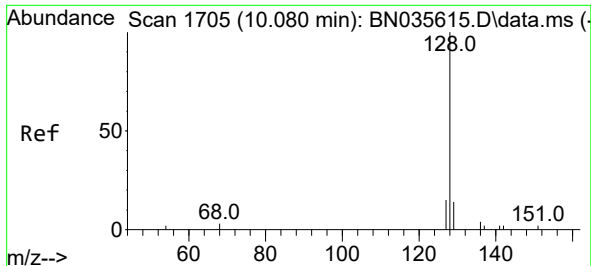
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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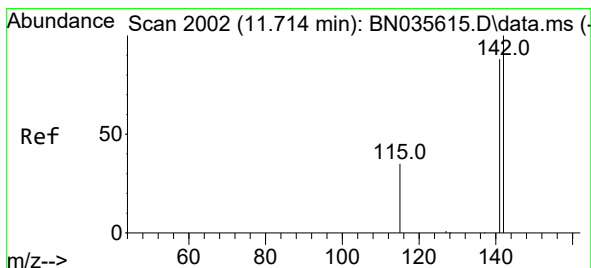
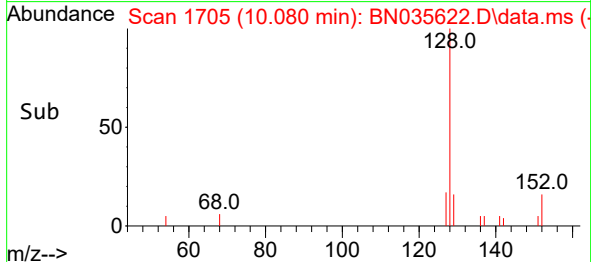
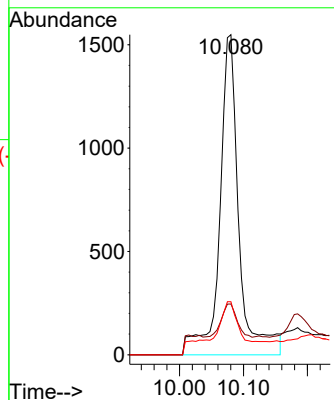
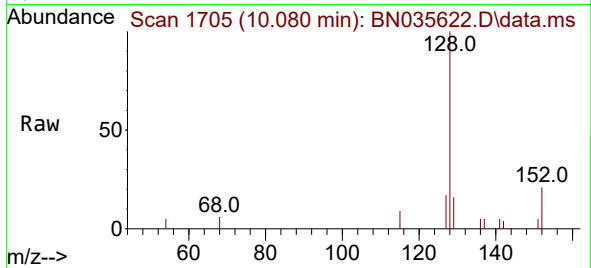




#5
Naphthalene
Concen: 0.178 ng/ul
RT: 10.080 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

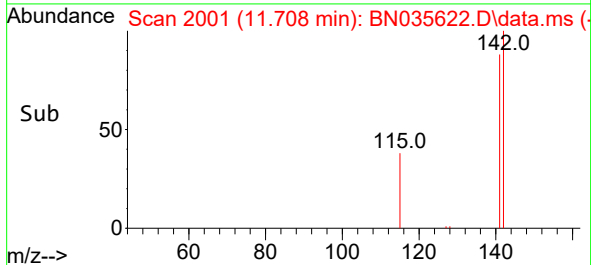
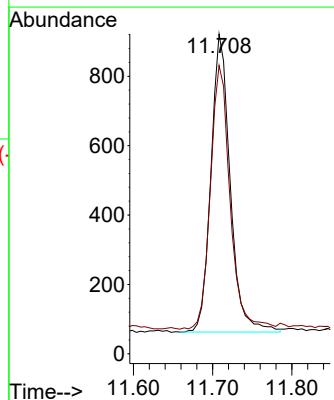
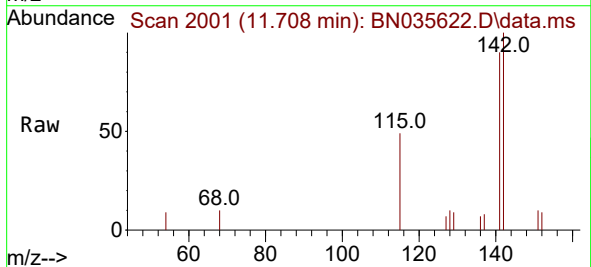
Instrument :
BNA_N
ClientSampleId :
E28R5

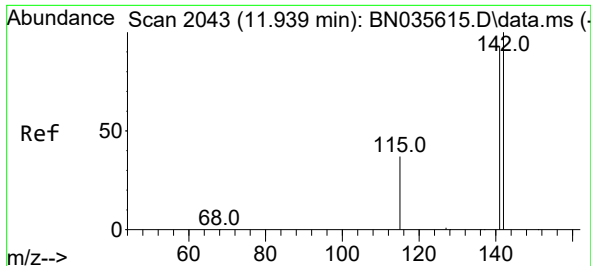
Tgt Ion:128 Resp: 3174
Ion Ratio Lower Upper
128 100
129 15.9 10.8 16.2
127 16.6 12.0 18.0



#7
2-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

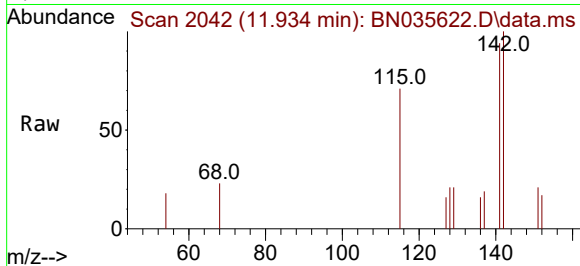
Tgt Ion:142 Resp: 1448
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2



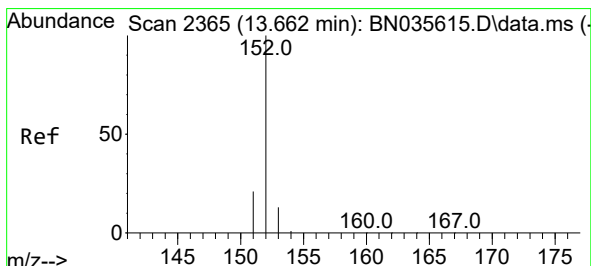
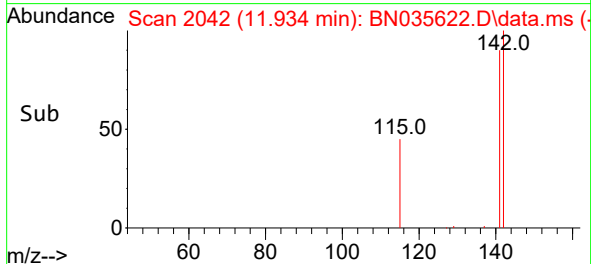
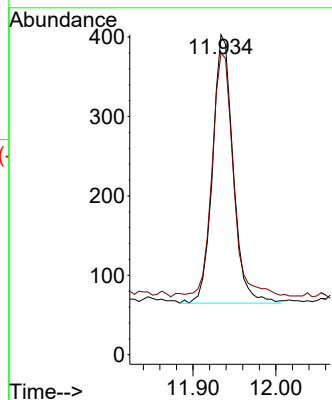


#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
E28R5

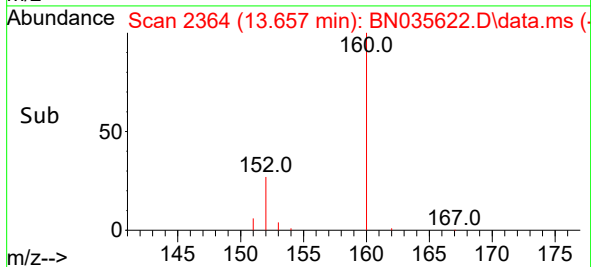
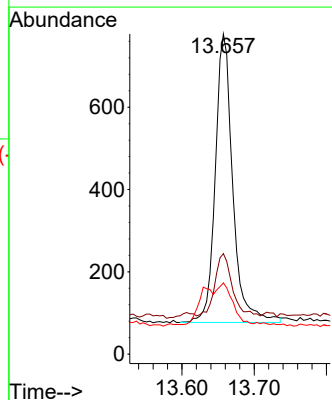
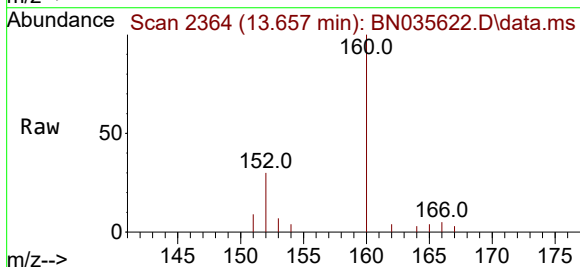


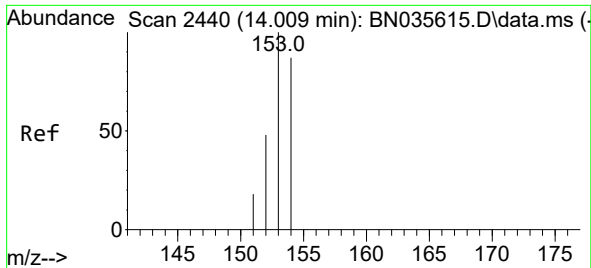
Tgt Ion:142 Resp: 580
Ion Ratio Lower Upper
142 100
141 92.9 74.7 112.1



#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

Tgt Ion:152 Resp: 1180
Ion Ratio Lower Upper
152 100
151 31.4 17.6 26.4#
153 22.2 11.4 17.2#

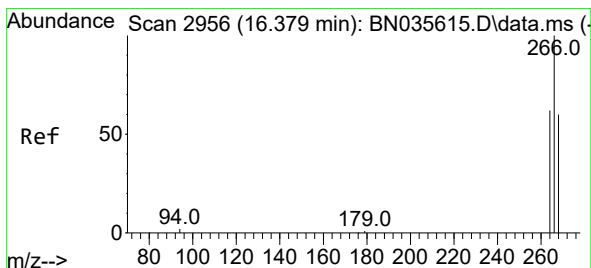
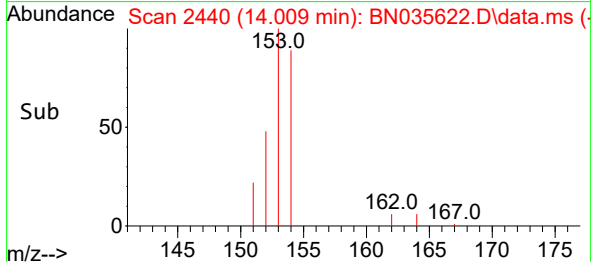
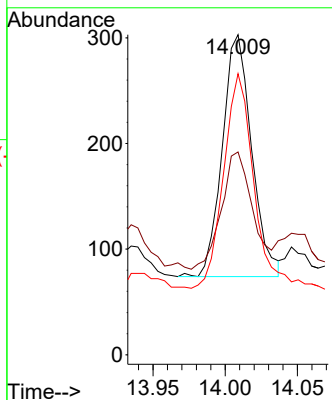
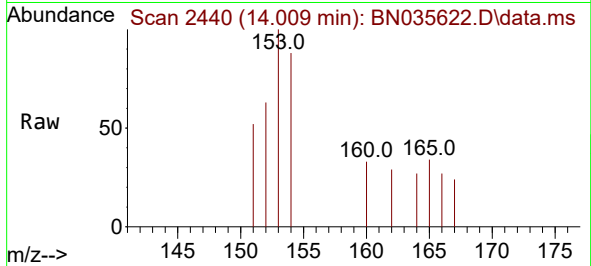




#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

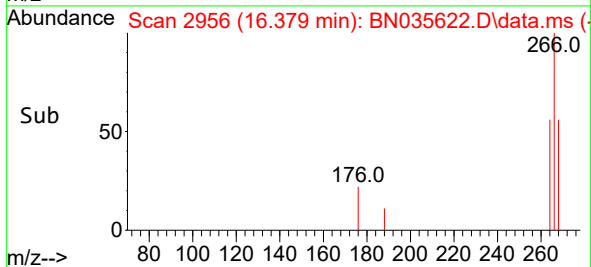
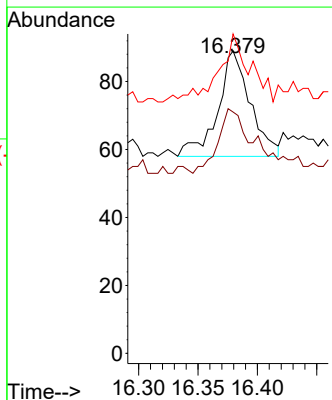
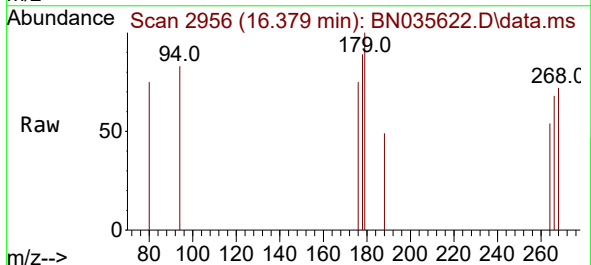
Instrument :
BNA_N
ClientSampleId :
E28R5

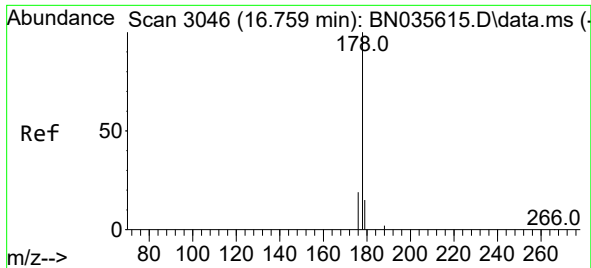
Tgt Ion:153 Resp: 324
Ion Ratio Lower Upper
153 100
152 63.4 39.8 59.6#
154 87.8 69.8 104.8



#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.379 min Scan# 2956
Delta R.T. 0.000 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
264 74.6 49.9 74.9
268 55.9 52.8 79.2

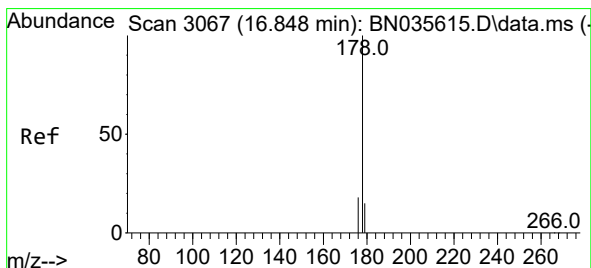
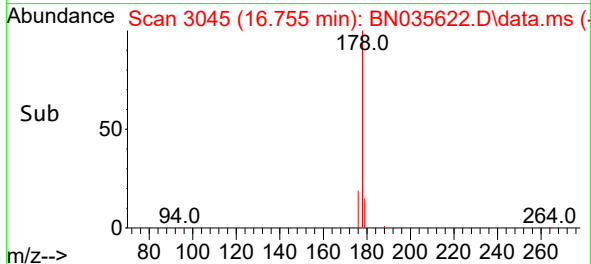
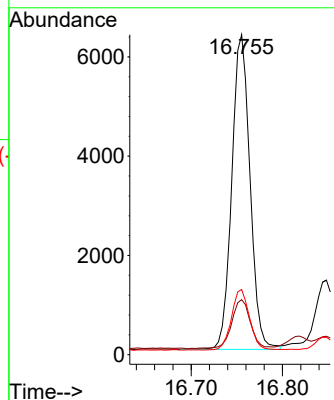
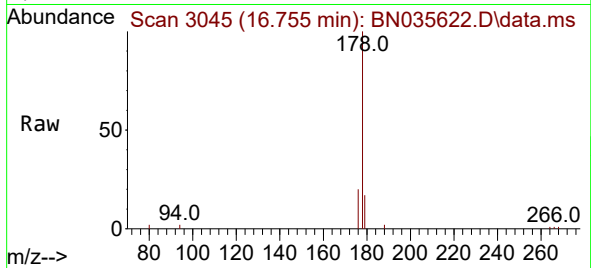




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

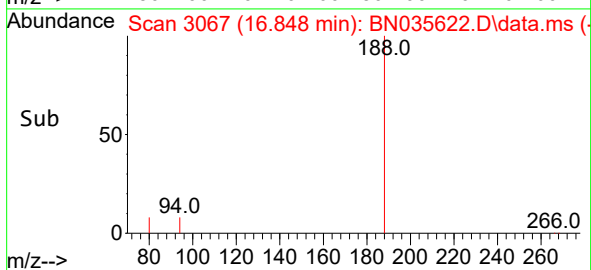
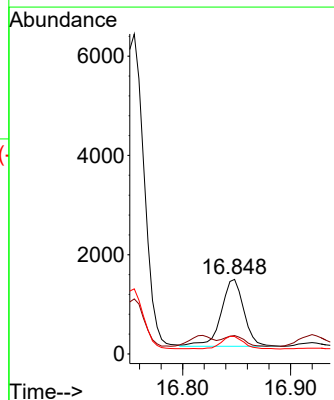
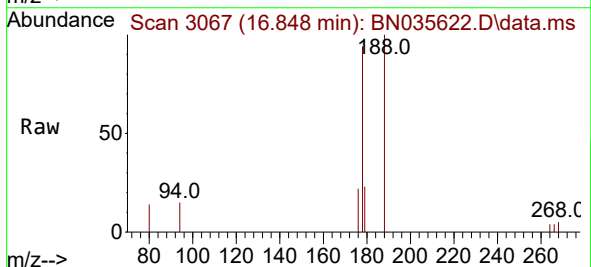
Instrument :
BNA_N
ClientSampleId :
E28R5

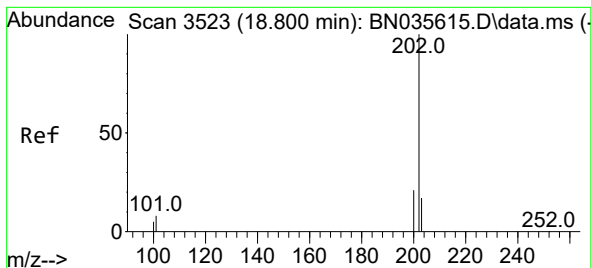
Tgt Ion:178 Resp: 8791
Ion Ratio Lower Upper
178 100
179 17.2 13.3 19.9
176 20.3 15.8 23.8



#16
Anthracene
Concen: 0.076 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

Tgt Ion:178 Resp: 1982
Ion Ratio Lower Upper
178 100
179 24.8 13.4 20.0#
176 23.4 15.4 23.0#





#19

Fluoranthene

Concen: 0.644 ng/ul

RT: 18.795 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN035622.D

Acq: 16 Dec 2024 18:13

Instrument :

BNA_N

ClientSampleId :

E28R5

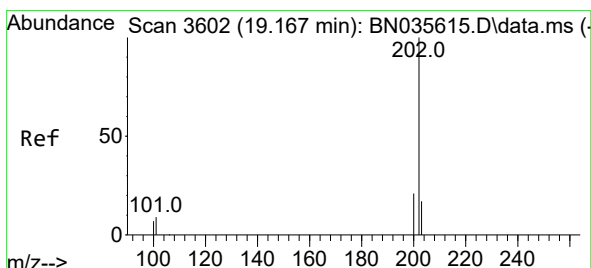
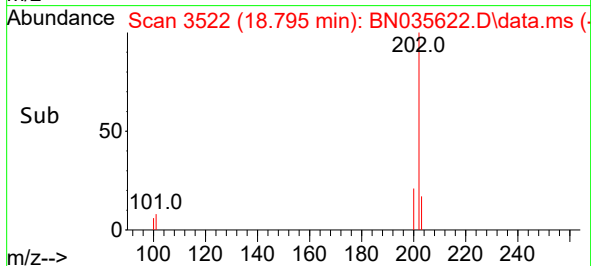
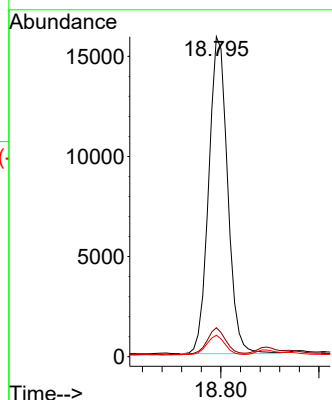
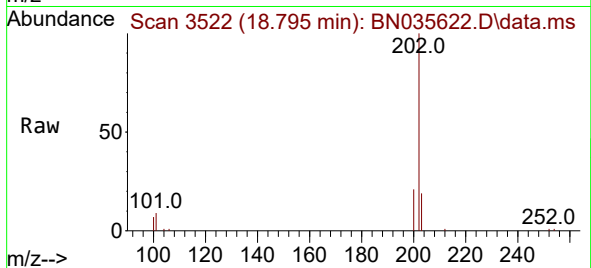
Tgt Ion:202 Resp: 21198

Ion Ratio Lower Upper

202 100

101 9.1 7.3 10.9

100 6.7 5.4 8.0



#20

Pyrene

Concen: 0.599 ng/ul

RT: 19.163 min Scan# 3601

Delta R.T. -0.005 min

Lab File: BN035622.D

Acq: 16 Dec 2024 18:13

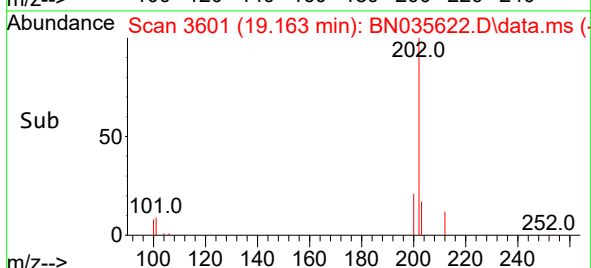
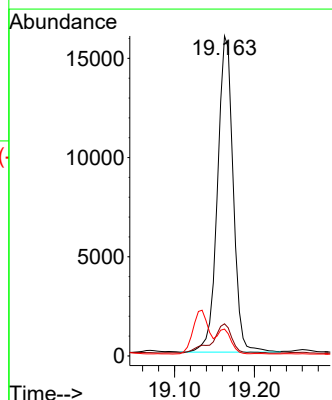
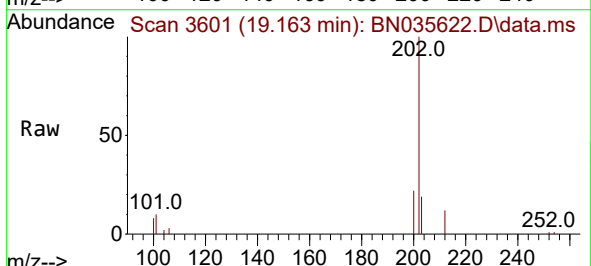
Tgt Ion:202 Resp: 21719

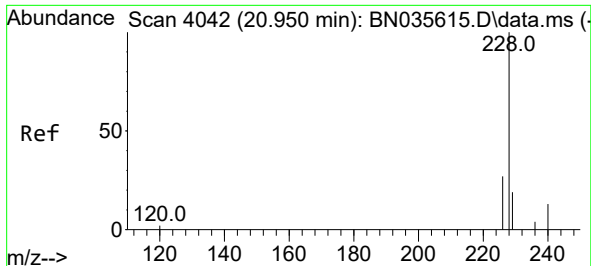
Ion Ratio Lower Upper

202 100

101 10.0 8.5 12.7

100 8.4 6.5 9.7

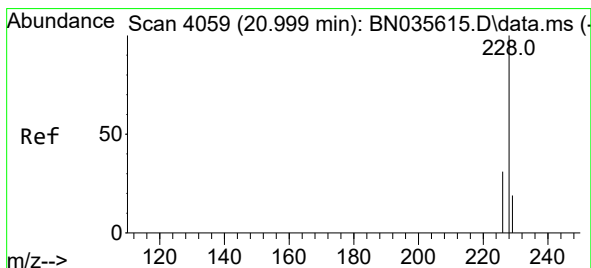
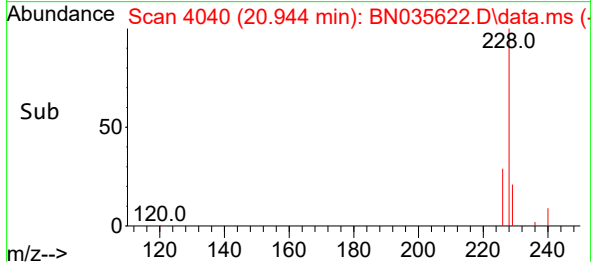
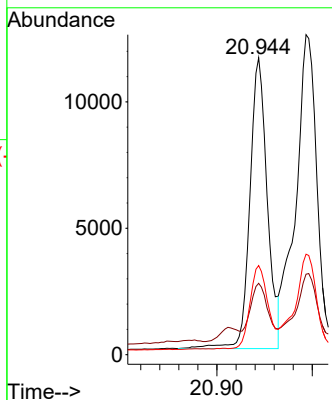
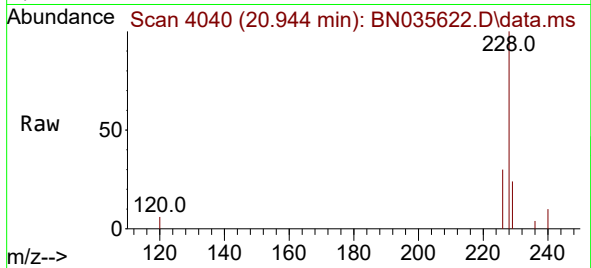




#21
Benzo(a)anthracene
Concen: 0.479 ng/ul
RT: 20.944 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

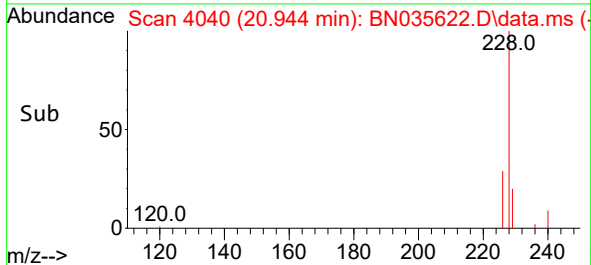
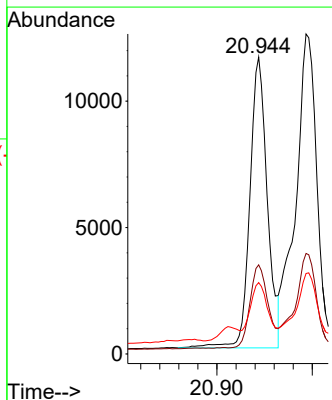
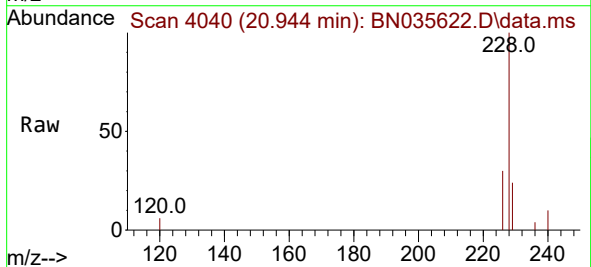
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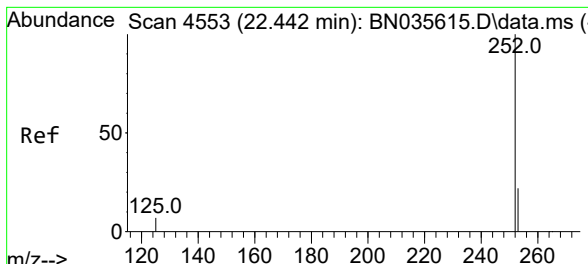
Tgt Ion:228 Resp: 14639
Ion Ratio Lower Upper
228 100
229 24.0 16.6 25.0
226 30.0 22.5 33.7



#22
Chrysene
Concen: 0.462 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.055 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

Tgt Ion:228 Resp: 14639
Ion Ratio Lower Upper
228 100
226 30.0 25.1 37.7
229 24.0 16.6 24.8

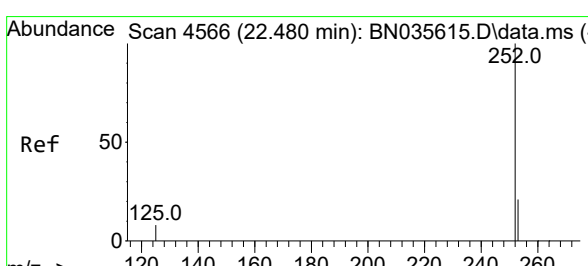
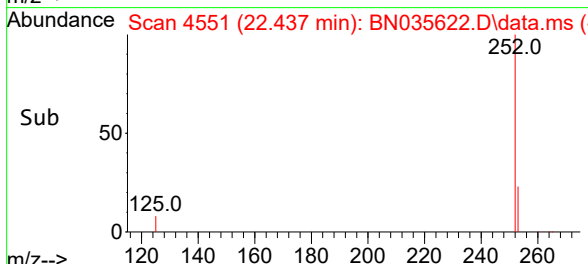
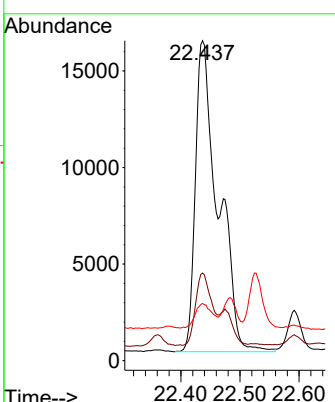
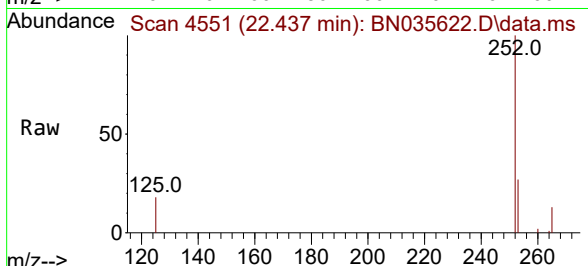




#24
 Benzo(b)fluoranthene
 Concen: 1.402 ng/ul
 RT: 22.437 min Scan# 4551
 Delta R.T. -0.006 min
 Lab File: BN035622.D
 Acq: 16 Dec 2024 18:13

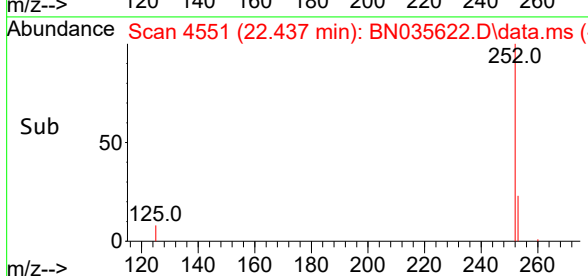
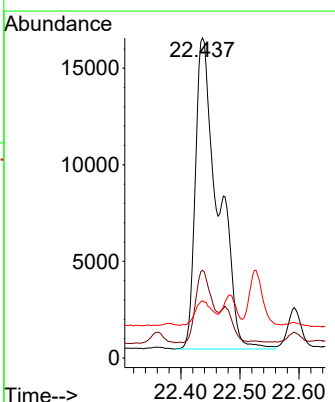
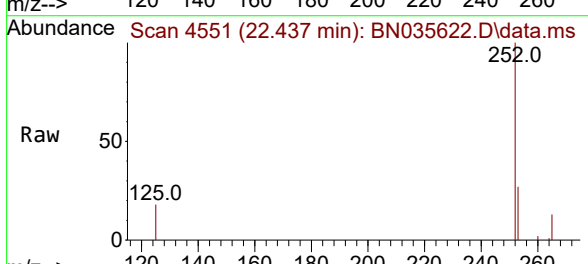
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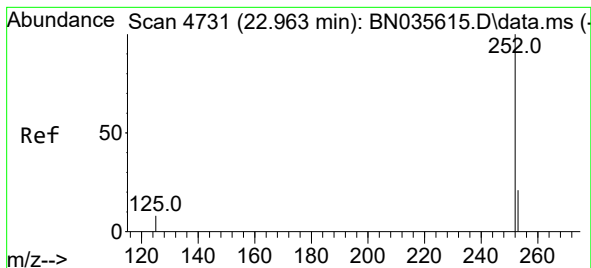
Tgt Ion:	252	Resp:	43003
Ion Ratio	Lower	Upper	
252	100		
253	27.4	0.0	56.4
125	17.9	0.0	37.6



#25
 Benzo(k)fluoranthene
 Concen: 1.268 ng/ul
 RT: 22.437 min Scan# 4551
 Delta R.T. -0.044 min
 Lab File: BN035622.D
 Acq: 16 Dec 2024 18:13

Tgt Ion:	252	Resp:	43003
Ion Ratio	Lower	Upper	
252	100		
253	27.4	22.1	33.1
125	17.9	15.3	22.9





#26

Benzo(a)pyrene

Concen: 0.687 ng/ul

RT: 22.869 min Scan# 4699

Delta R.T. -0.093 min

Lab File: BN035622.D

Acq: 16 Dec 2024 18:13

Instrument :

BNA_N

ClientSampleId :

E28R5

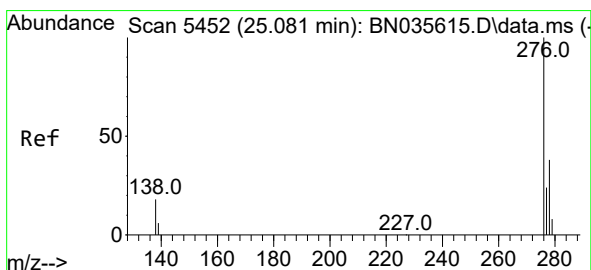
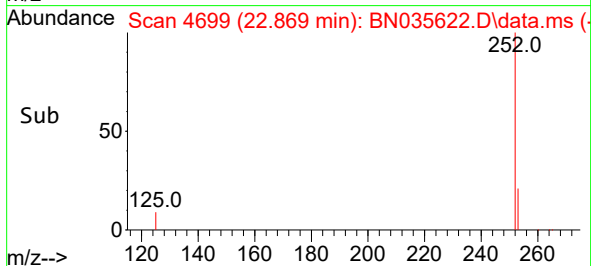
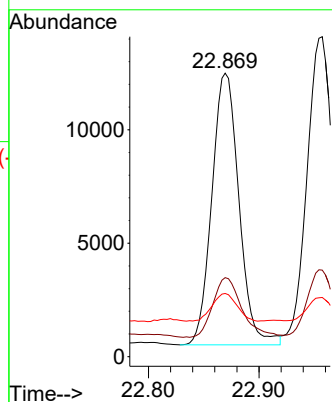
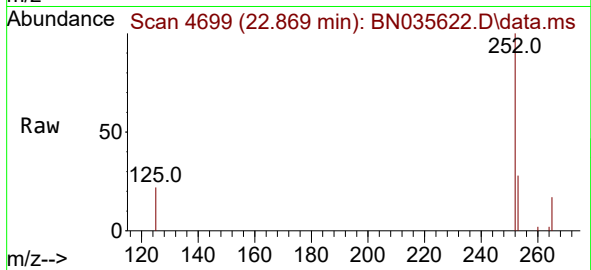
Tgt Ion:252 Resp: 20417

Ion Ratio Lower Upper

252 100

253 27.9 24.1 36.1

125 22.3 19.1 28.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.567 ng/ul

RT: 25.074 min Scan# 5450

Delta R.T. -0.007 min

Lab File: BN035622.D

Acq: 16 Dec 2024 18:13

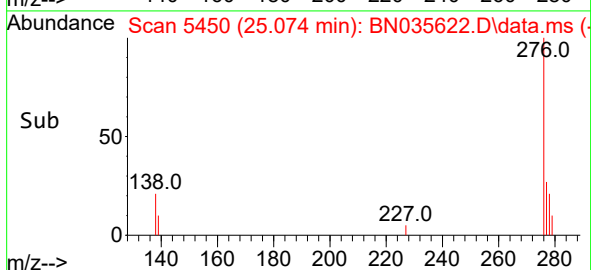
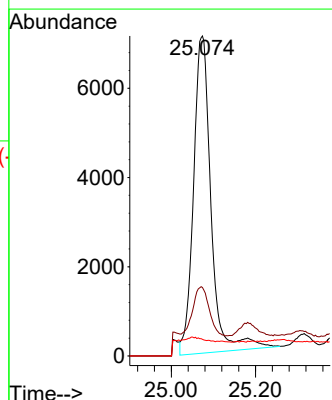
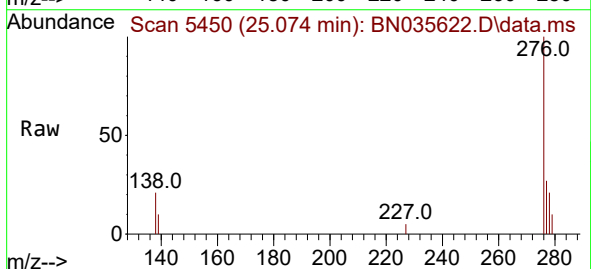
Tgt Ion:276 Resp: 20492

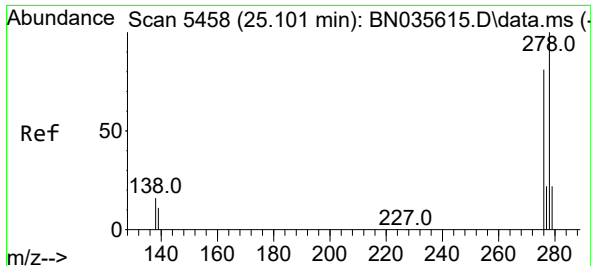
Ion Ratio Lower Upper

276 100

138 17.4 14.7 22.1

227 0.0 21.6 32.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.194 ng/ul

RT: 25.084 min Scan# 54

Delta R.T. -0.017 min

Lab File: BN035622.D

Acq: 16 Dec 2024 18:13

Instrument :

BNA_N

ClientSampleId :

E28R5

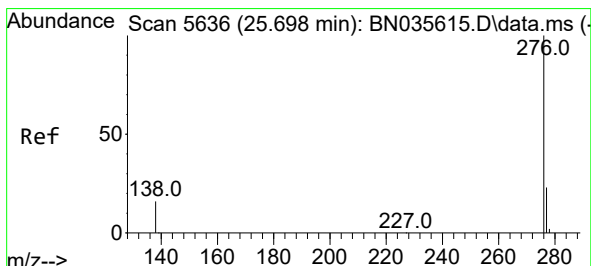
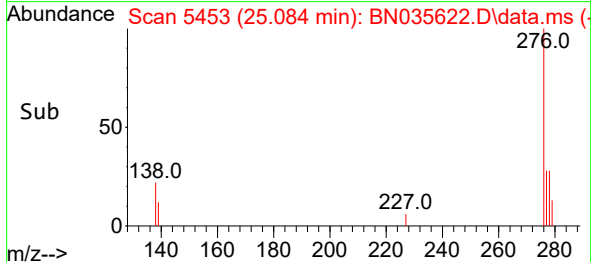
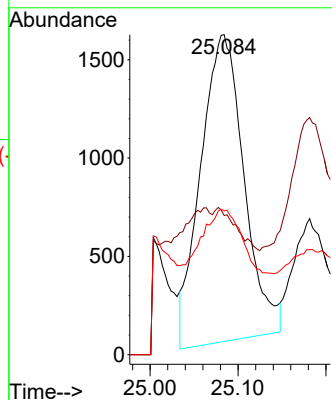
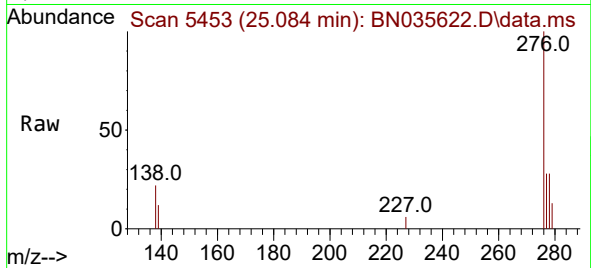
Tgt Ion:278 Resp: 5355

Ion Ratio Lower Upper

278 100

139 43.5 19.8 29.8#

279 45.0 24.0 36.0#



#29

Benzo(g,h,i)perylene

Concen: 0.781 ng/ul

RT: 25.688 min Scan# 5633

Delta R.T. -0.010 min

Lab File: BN035622.D

Acq: 16 Dec 2024 18:13

Tgt Ion:276 Resp: 22659

Ion Ratio Lower Upper

276 100

138 20.5 19.6 29.4

277 25.8 21.6 32.4

