

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035630.D
 Acq On : 16 Dec 2024 23:36
 Operator : RC/JU
 Sample : P5232-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 00:09:42 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	2446	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7286	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5342	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11845m	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9757	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	9911m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	8980	4.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2912	0.281	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	7570	0.265	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	14275	0.799	ng/ul	97
7) 2-Methylnaphthalene	11.708	142	8151	0.677	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	3467	0.278	ng/ul	100
10) Acenaphthylene	13.657	152	3942	0.190	ng/ul#	93
11) Acenaphthene	14.009	153	1072	0.069	ng/ul	95
12) Fluorene	15.008	166	1489	0.082	ng/ul#	91
14) Pentachlorophenol	16.379	266	120	0.040	ng/ul	95
15) Phenanthrene	16.755	178	36281	1.224	ng/ul	99
16) Anthracene	16.844	178	9623	0.347	ng/ul#	94
19) Fluoranthene	18.795	202	66635	1.910	ng/ul	98
20) Pyrene	19.163	202	67461	1.755	ng/ul	99
21) Benzo(a)anthracene	20.944	228	48139	1.487	ng/ul#	93
22) Chrysene	20.993	228	68015	2.026	ng/ul#	95
24) Benzo(b)fluoranthene	22.440	252	111809m	3.828	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	34460m	1.067	ng/ul	
26) Benzo(a)pyrene	22.960	252	78768m	2.785	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.077	276	66649	1.935	ng/ul#	68
28) Dibenzo(a,h)anthracene	25.091	278	16094m	0.612	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	83695m	3.029	ng/ul	

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

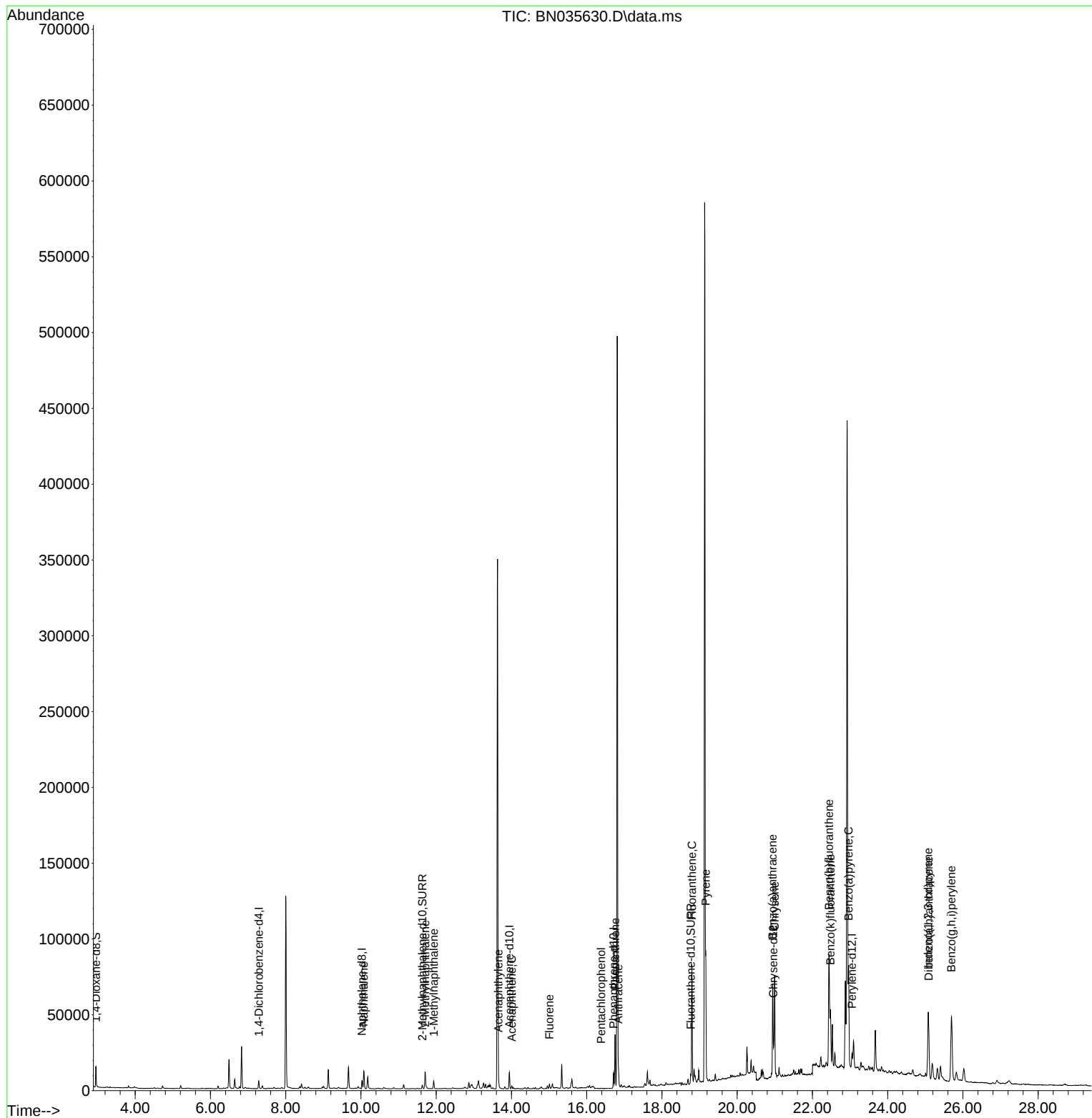
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035630.D
Acq On : 16 Dec 2024 23:36
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ALS Vial : 20 Sample Multiplier: 1

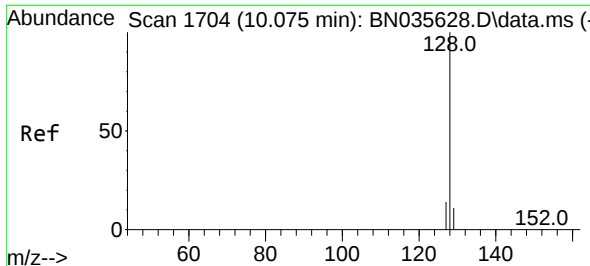
Instrument :
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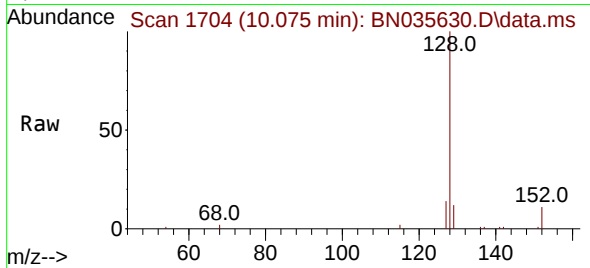
Quant Time: Dec 17 00:09:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.799 ng/ul
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

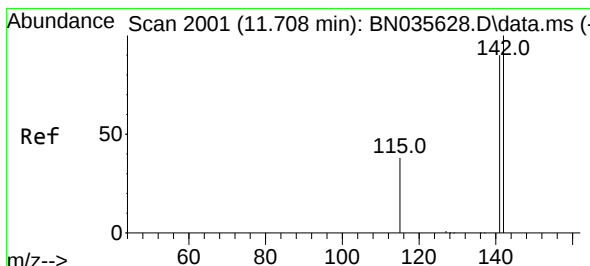
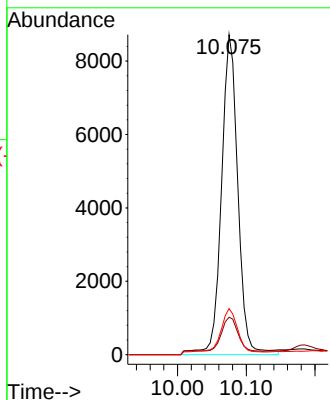
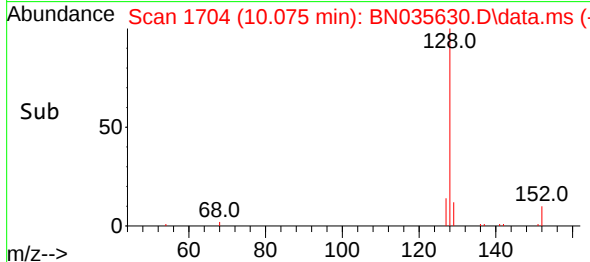
Instrument :
BNA_N
ClientSampleId :
E28R6



Tgt Ion:128 Resp: 14275
Ion Ratio Lower Upper
128 100
129 11.7 10.8 16.2
127 14.4 12.0 18.0

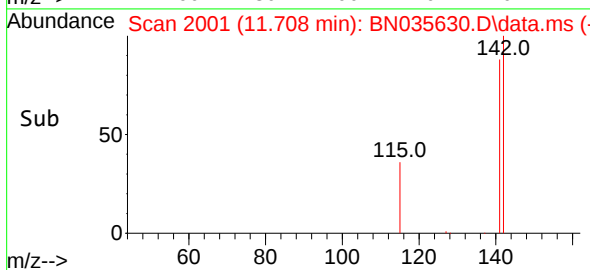
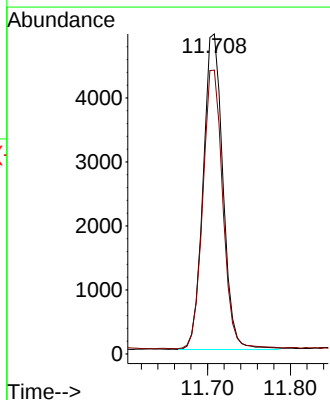
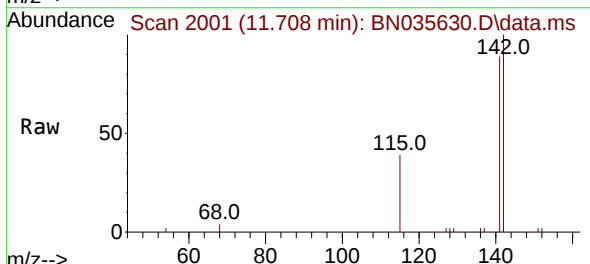
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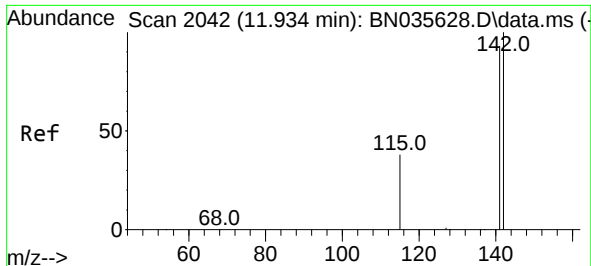
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.677 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

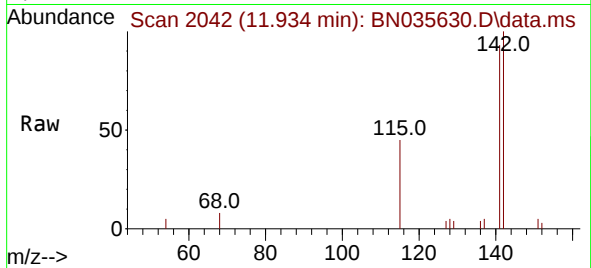
Tgt Ion:142 Resp: 8151
Ion Ratio Lower Upper
142 100
141 89.0 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

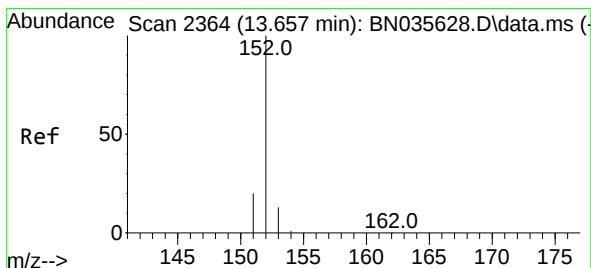
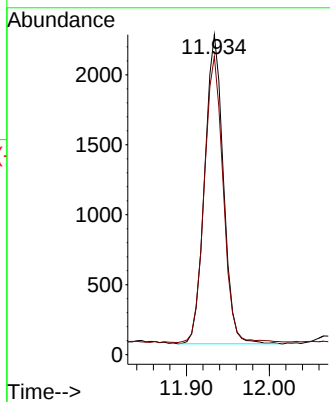
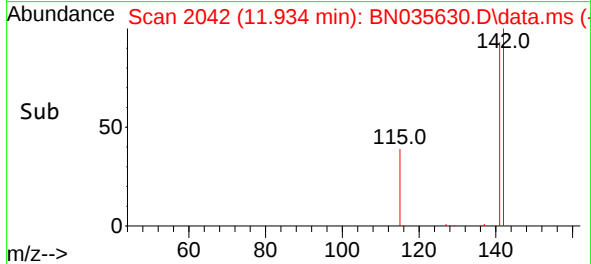
Instrument :
BNA_N
ClientSampleId :
E28R6



Tgt Ion:142 Resp: 346
Ion Ratio Lower Upper
142 100
141 93.5 74.7 112.1

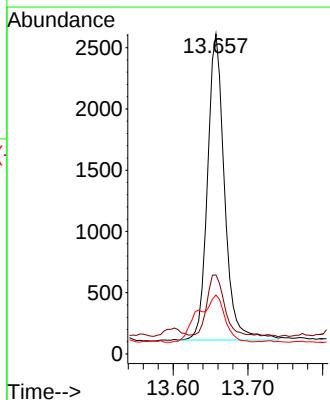
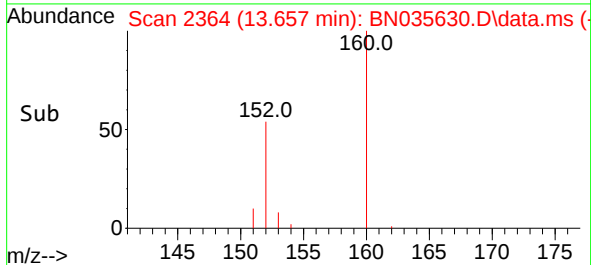
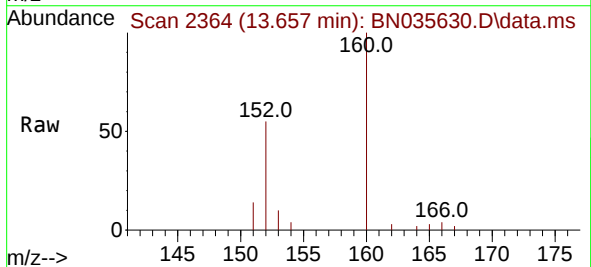
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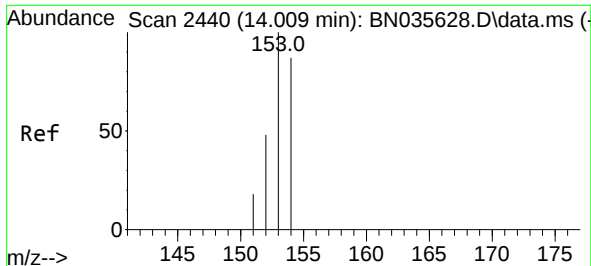
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.190 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

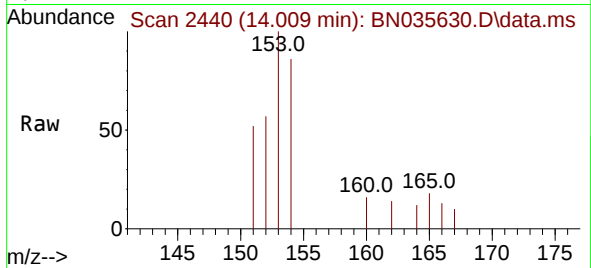
Tgt Ion:152 Resp: 3942
Ion Ratio Lower Upper
152 100
151 24.7 17.6 26.4
153 18.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.069 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

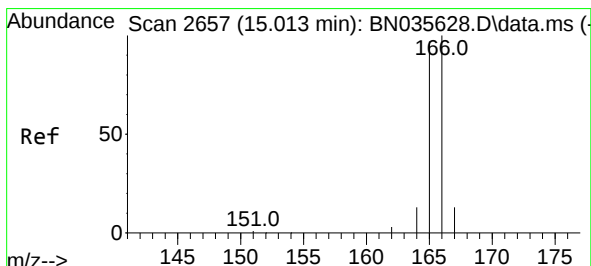
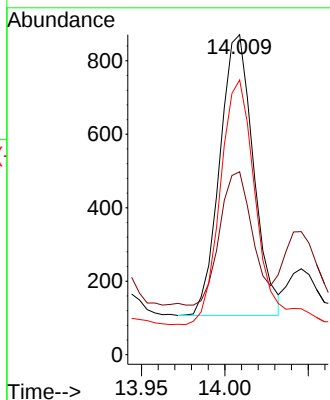
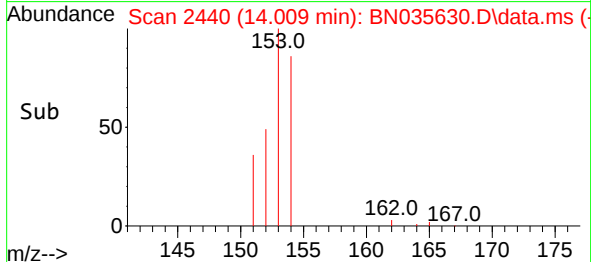
Instrument :
BNA_N
ClientSampleId :
E28R6



Tgt Ion:153 Resp: 1072
Ion Ratio Lower Upper
153 100
152 57.2 39.8 59.6
154 85.9 69.8 104.8

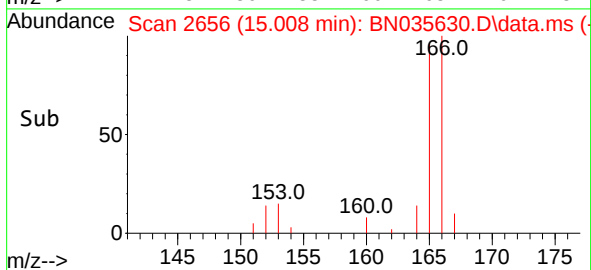
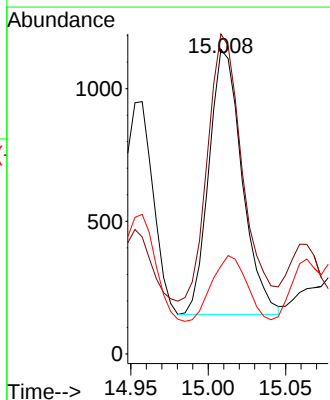
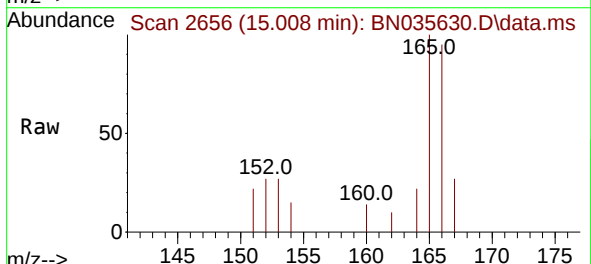
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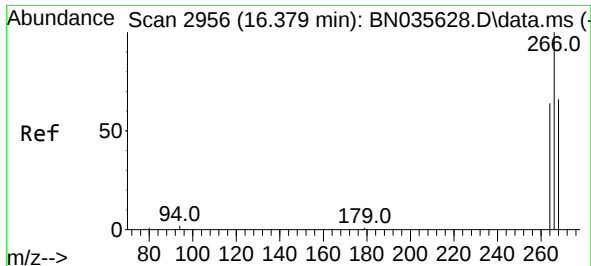
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 0.082 ng/u1
RT: 15.008 min Scan# 2656
Delta R.T. -0.005 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

Tgt Ion:166 Resp: 1489
Ion Ratio Lower Upper
166 100
165 105.1 79.5 119.3
167 28.8 11.8 17.8#





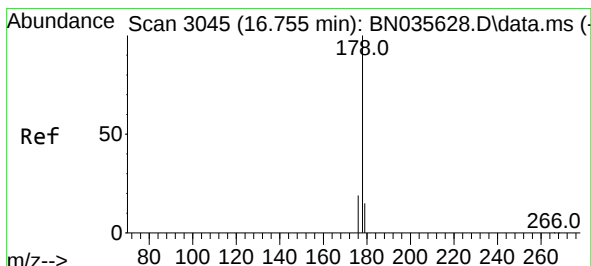
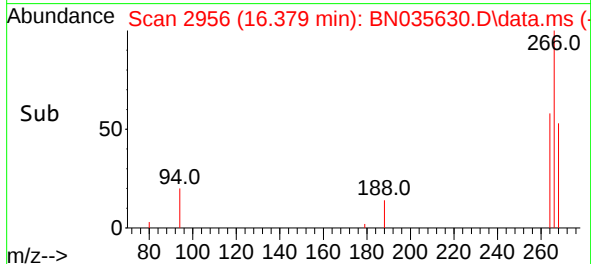
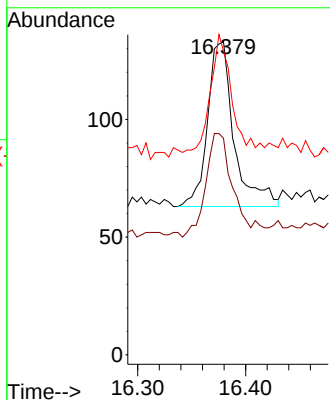
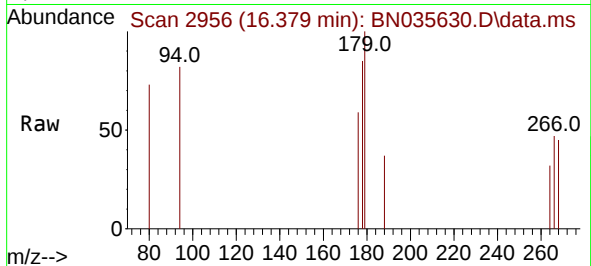
#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.379 min Scan# 2956
Delta R.T. 0.000 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

Instrument :
BNA_N
ClientSampleId :
E28R6

Tgt Ion:266 Resp: 120
Ion Ratio Lower Upper
266 100
264 66.7 49.9 74.9
268 62.5 52.8 79.2

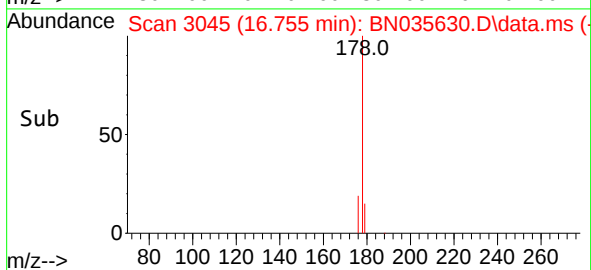
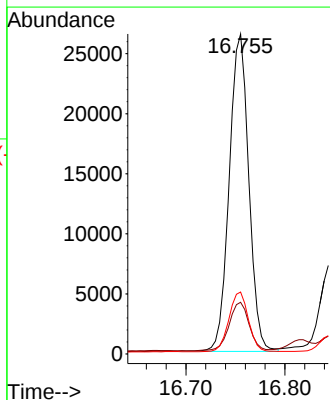
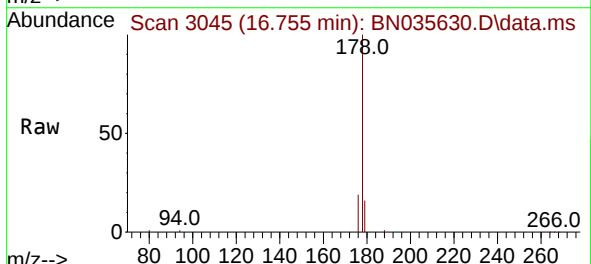
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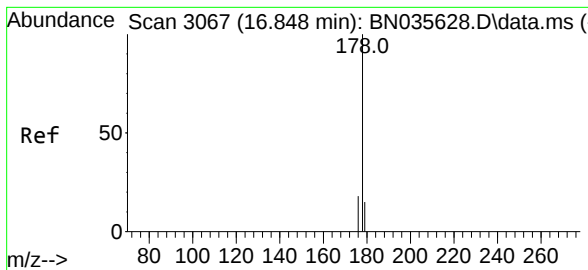
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#15
Phenanthrene
Concen: 1.224 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

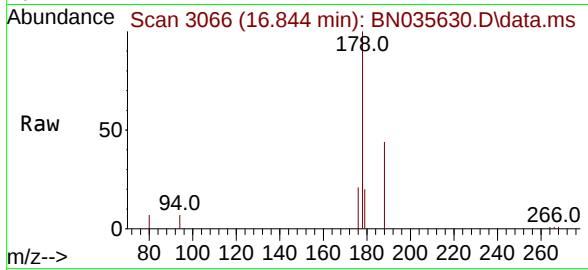
Tgt Ion:178 Resp: 36281
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.4 15.8 23.8





#16
Anthracene
Concen: 0.347 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

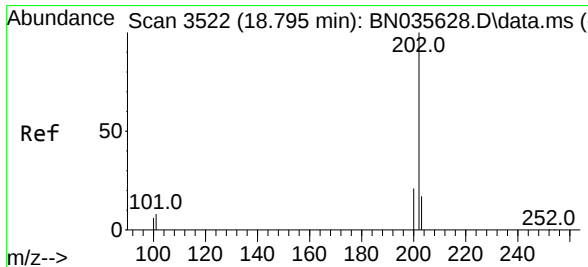
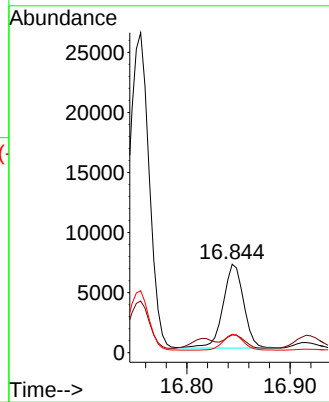
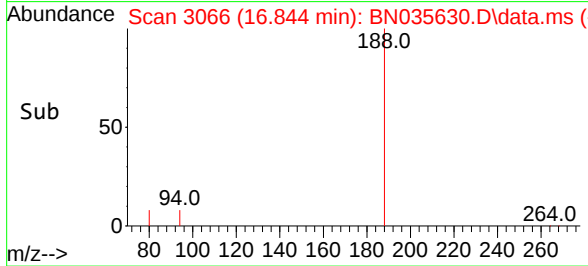
Instrument :
BNA_N
ClientSampleId :
E28R6



Tgt Ion:178 Resp: 9623
Ion Ratio Lower Upper
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179 20.2 13.4 20.0
176 20.7 15.4 23.0

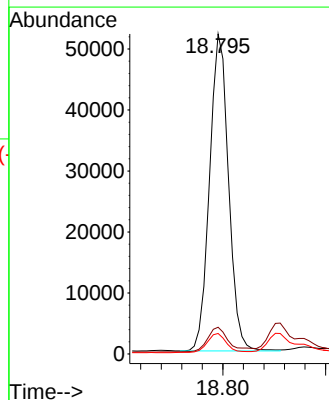
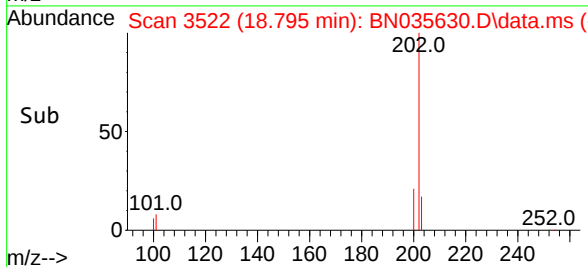
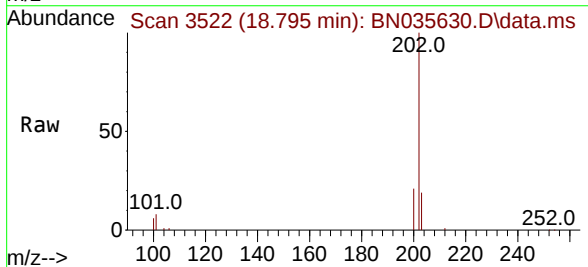
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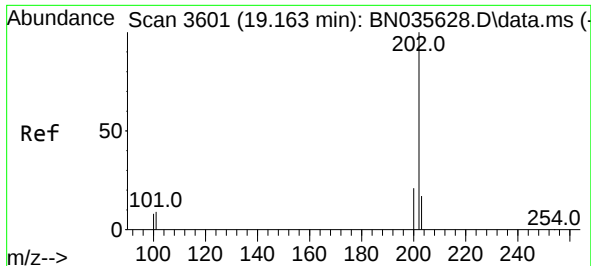
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#19
Fluoranthene
Concen: 1.910 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

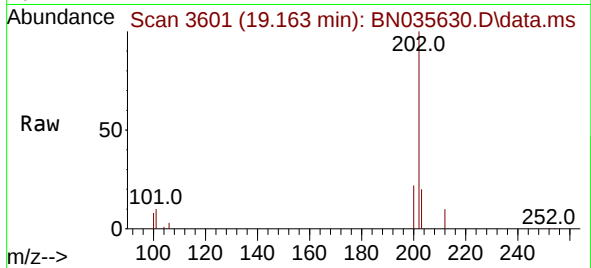
Tgt Ion:202 Resp: 66635
Ion Ratio Lower Upper
202 100
101 8.4 7.3 10.9
100 6.4 5.4 8.0





#20
Pyrene
Concen: 1.755 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

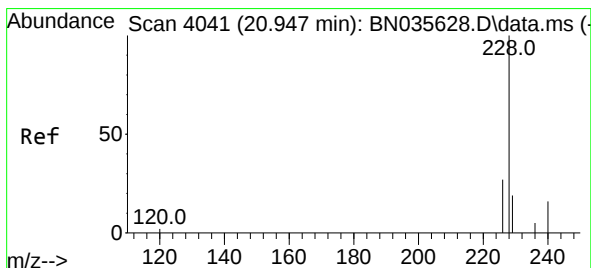
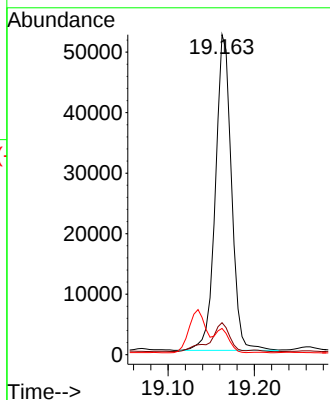
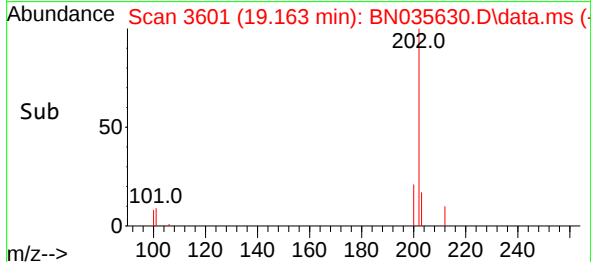
Instrument :
BNA_N
ClientSampleId :
E28R6



Tgt Ion:202 Resp: 6746
Ion Ratio Lower Upper
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101 10.0 8.5 12.7
100 8.2 6.5 9.7

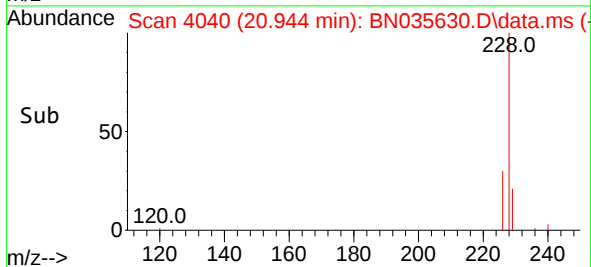
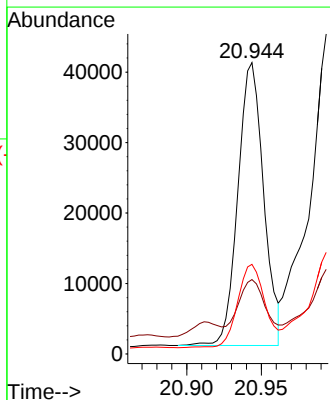
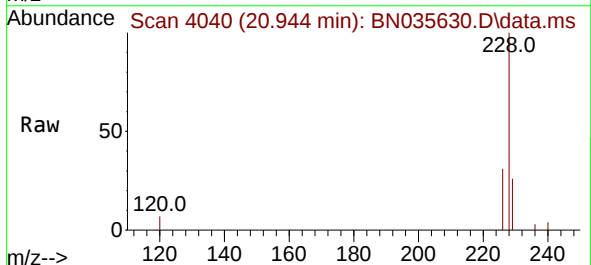
Manual Integrations
APPROVED

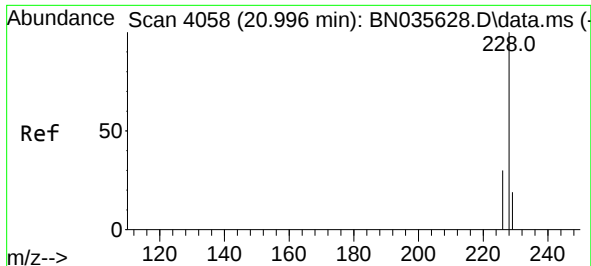
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#21
Benzo(a)anthracene
Concen: 1.487 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

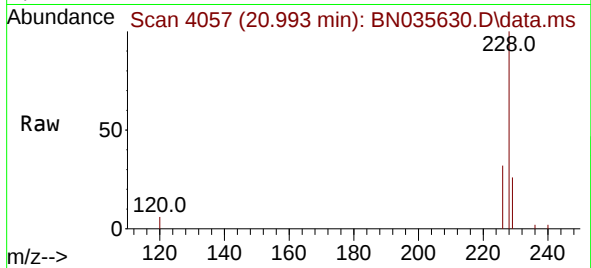
Tgt Ion:228 Resp: 48139
Ion Ratio Lower Upper
228 100
229 25.5 16.6 25.0#
226 30.8 22.5 33.7





#22
Chrysene
Concen: 2.026 ng/ul
RT: 20.993 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

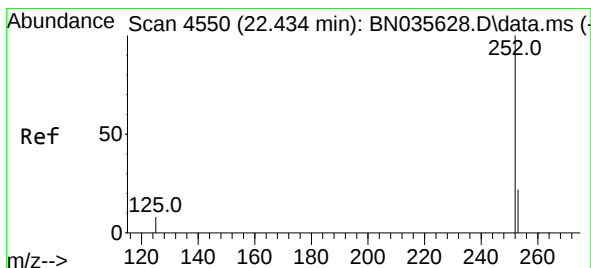
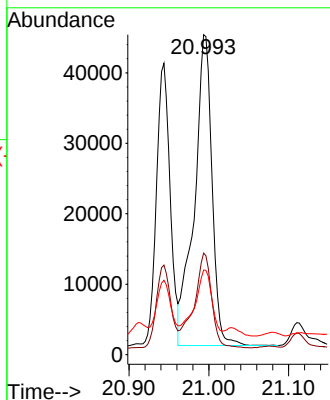
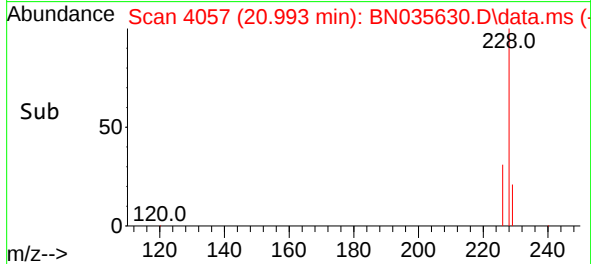
Instrument :
BNA_N
ClientSampleId :
E28R6



Tgt Ion:228 Resp: 68015
Ion Ratio Lower Upper
228 100
226 31.7 25.1 37.7
229 26.5 16.6 24.8

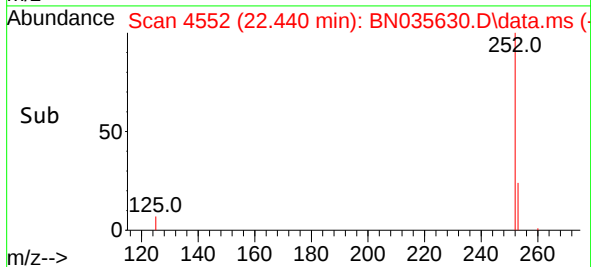
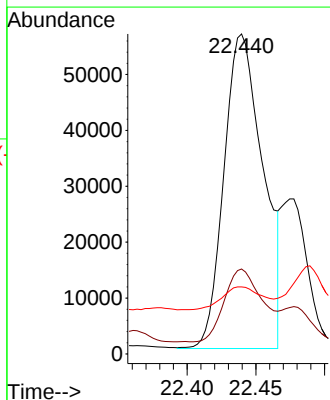
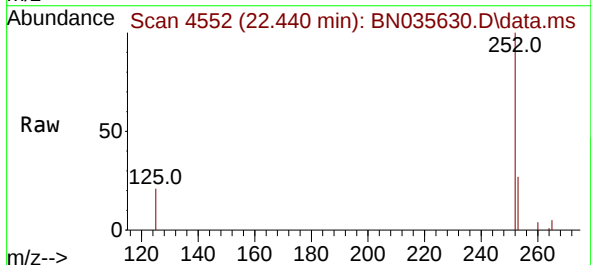
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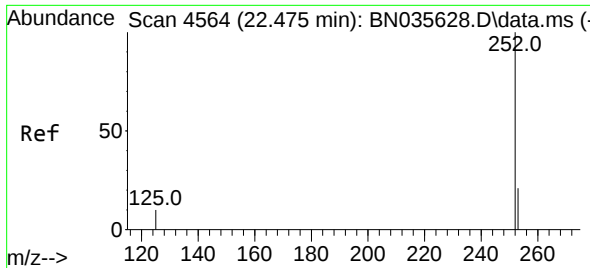
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#24
Benzo(b)fluoranthene
Concen: 3.828 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

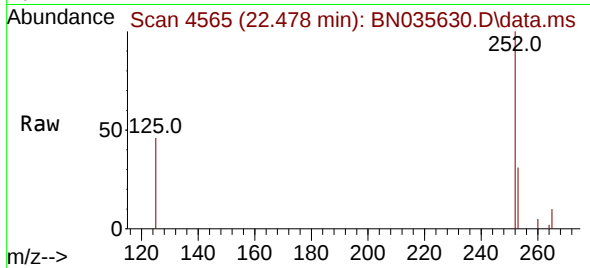
Tgt Ion:252 Resp: 111809
Ion Ratio Lower Upper
252 100
253 26.5 0.0 56.4
125 21.0 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 1.067 ng/ul m
RT: 22.478 min Scan# 4564
Delta R.T. -0.003 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

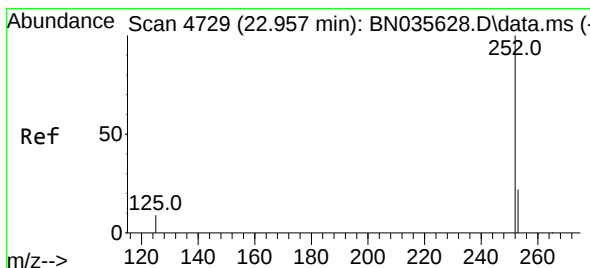
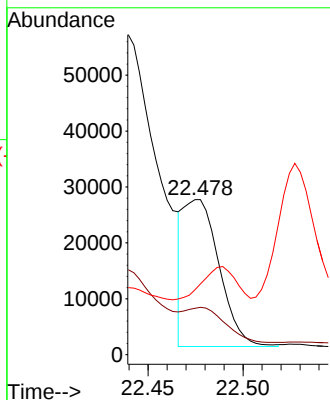
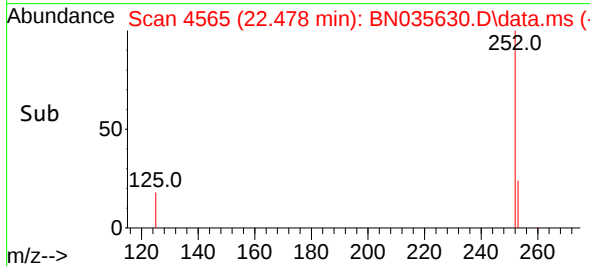
Instrument :
BNA_N
ClientSampleId :
E28R6



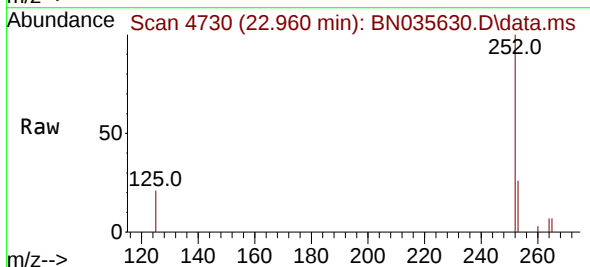
Tgt Ion:252 Resp: 34460
Ion Ratio Lower Upper
252 100
253 30.5 22.1 33.1
125 45.6 15.3 22.9

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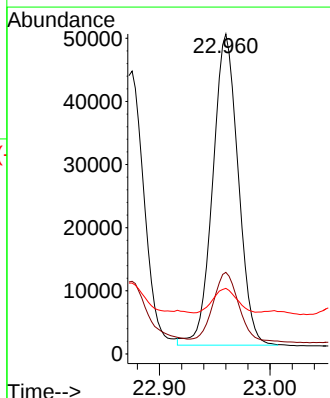
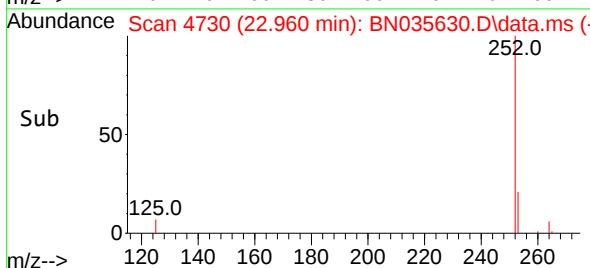
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

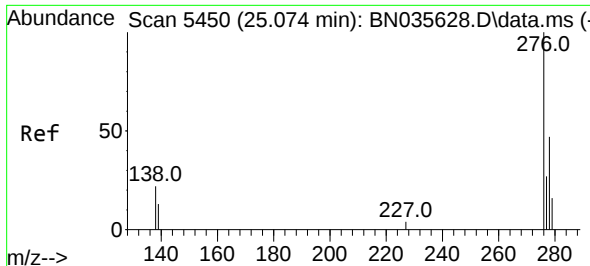


#26
Benzo(a)pyrene
Concen: 2.785 ng/ul m
RT: 22.960 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36



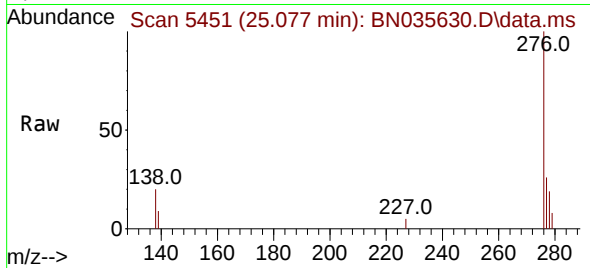
Tgt Ion:252 Resp: 78768
Ion Ratio Lower Upper
252 100
253 25.5 24.1 36.1
125 20.5 19.1 28.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.935 ng/ul
RT: 25.077 min Scan# 5450
Delta R.T. -0.003 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

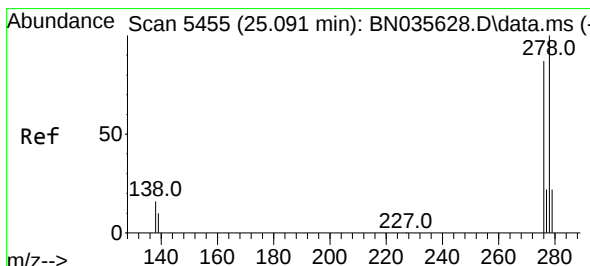
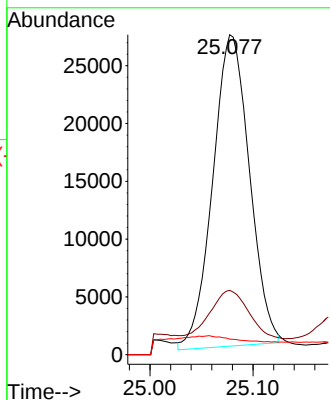
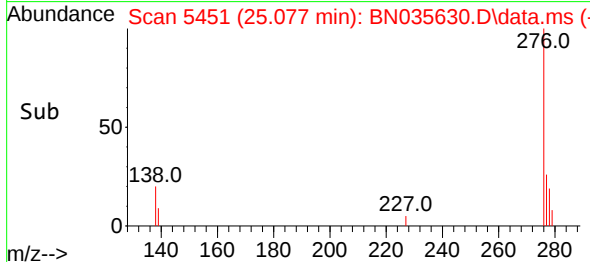
Instrument :
BNA_N
ClientSampleId :
E28R6



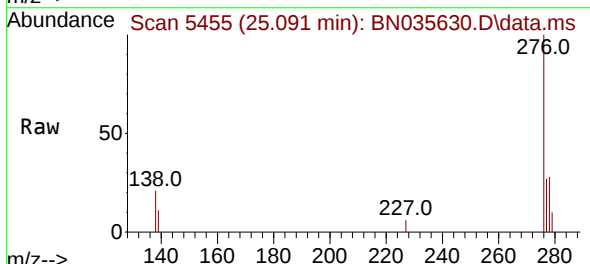
Tgt Ion:276 Resp: 66649
Ion Ratio Lower Upper
276 100
138 19.2 14.7 22.1
227 0.0 21.6 32.4

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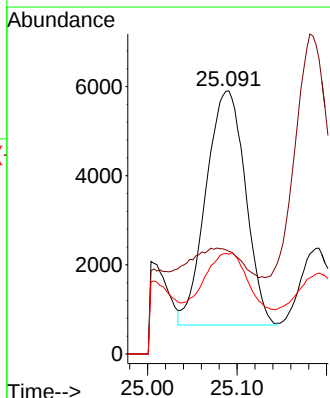
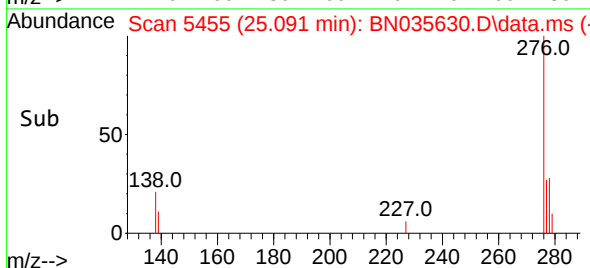
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

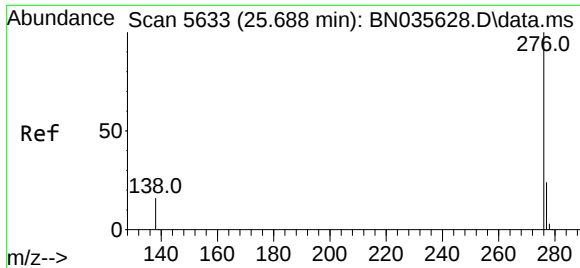


#28
Dibenzo(a,h)anthracene
Concen: 0.612 ng/ul m
RT: 25.091 min Scan# 5455
Delta R.T. -0.010 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36



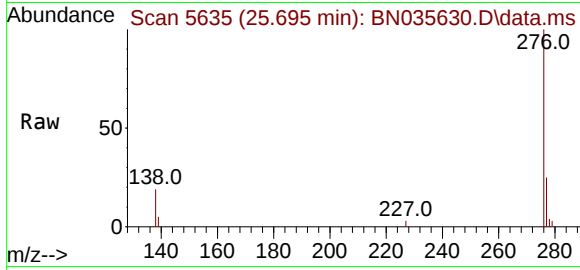
Tgt Ion:278 Resp: 16094
Ion Ratio Lower Upper
278 100
139 39.0 19.8 29.8#
279 37.9 24.0 36.0#





#29
Benzo(g,h,i)perylene
Concen: 3.029 ng/ul m
RT: 25.695 min Scan# 50
Delta R.T. -0.003 min
Lab File: BN035630.D
Acq: 16 Dec 2024 23:36

Instrument :
BNA_N
ClientSampleId :
E28R6



Tgt Ion:276 Resp: 8369
Ion Ratio Lower Upper
276 100
138 19.4 19.6 29.4
277 25.2 21.6 32.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

