

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035657.D
 Acq On : 17 Dec 2024 16:36
 Operator : RC/JU
 Sample : P5232-17DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28T1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 17:00:11 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	7.280	152	3033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	9049	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	6423	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	14001	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	11750	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	13806	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1883	0.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	610	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	1426	0.042	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.075	128	6918	0.312	ng/ul	98
7) 2-Methylnaphthalene	11.708	142	10576	0.708	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	3288	0.212	ng/ul	100
10) Acenaphthylene	13.657	152	4585	0.184	ng/ul	98
11) Acenaphthene	14.009	153	2533	0.135	ng/ul	99
12) Fluorene	15.008	166	1537	0.070	ng/ul#	92
15) Phenanthrene	16.755	178	33765	0.964	ng/ul	99
16) Anthracene	16.844	178	9703	0.296	ng/ul	98
19) Fluoranthene	18.795	202	131414	3.127	ng/ul	99
20) Pyrene	19.163	202	154722	3.342	ng/ul	98
21) Benzo(a)anthracene	20.944	228	137248	3.522	ng/ul	99
22) Chrysene	20.996	228	162978	4.031	ng/ul	96
24) Benzo(b)fluoranthene	22.437	252	300267m	7.380	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	117997m	2.622	ng/ul	
26) Benzo(a)pyrene	22.957	252	238856	6.062	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.074	276	186255	3.883	ng/ul#	72
28) Dibenzo(a,h)anthracene	25.084	278	46565	1.271	ng/ul#	92
29) Benzo(g,h,i)perylene	25.691	276	195912	5.089	ng/ul#	90

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

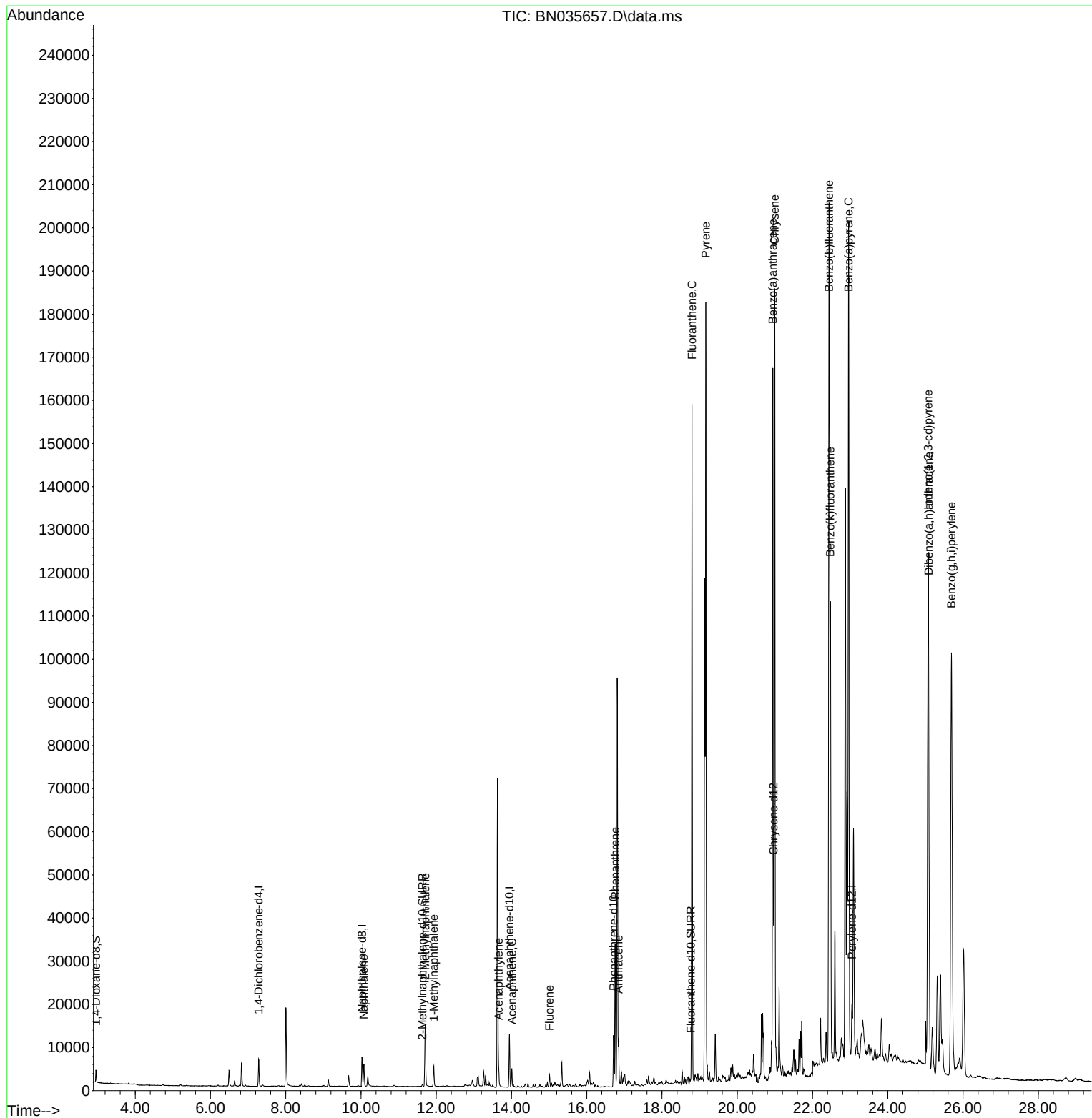
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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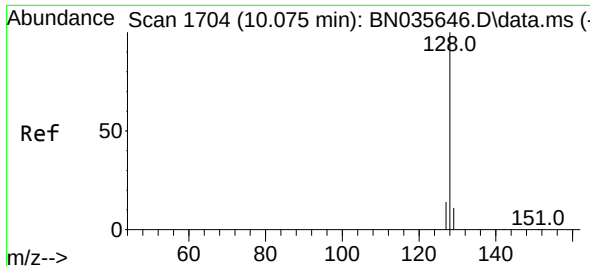
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Quant Time: Dec 17 17:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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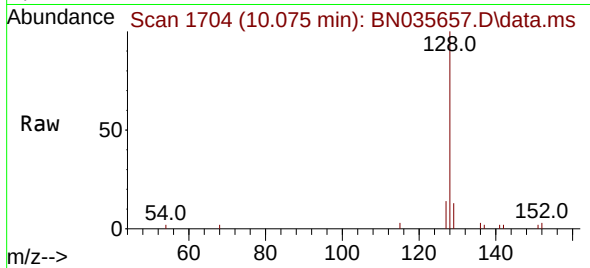
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024





#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

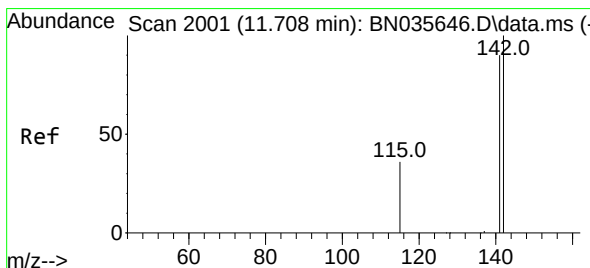
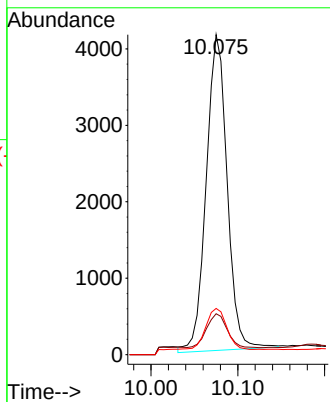
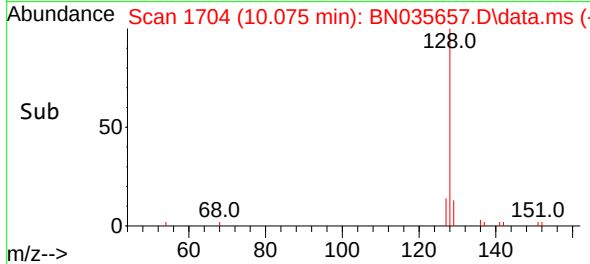
Instrument :
BNA_N
ClientSampleId :
E28T1DL



Tgt Ion:128 Resp: 6918
Ion Ratio Lower Upper
128 100
129 12.8 10.8 16.2
127 14.4 12.0 18.0

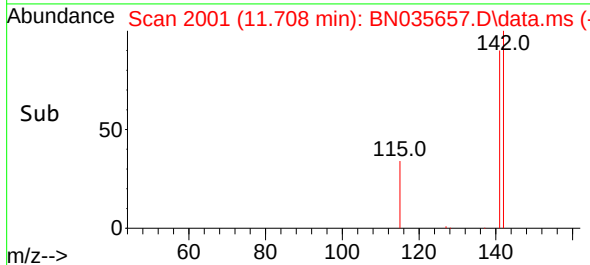
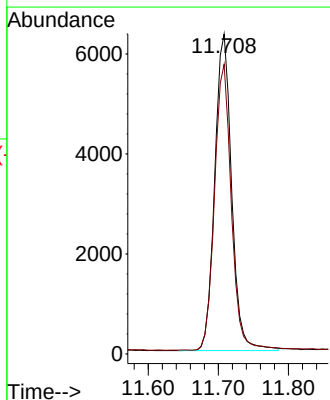
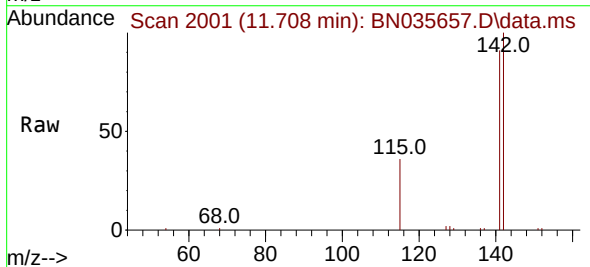
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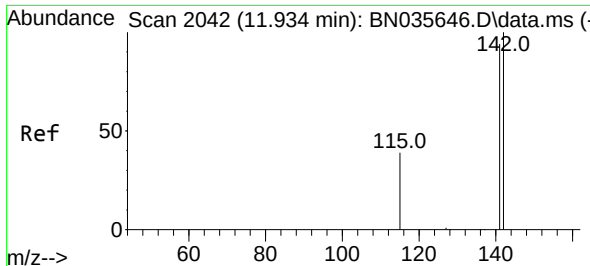
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.708 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

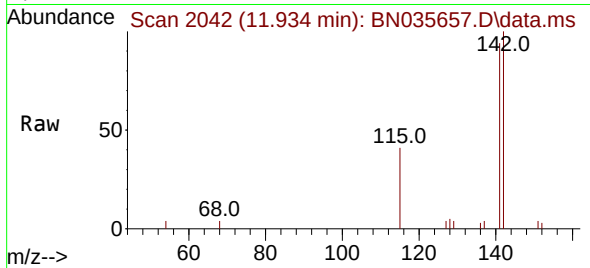
Tgt Ion:142 Resp: 10576
Ion Ratio Lower Upper
142 100
141 89.9 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.212 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

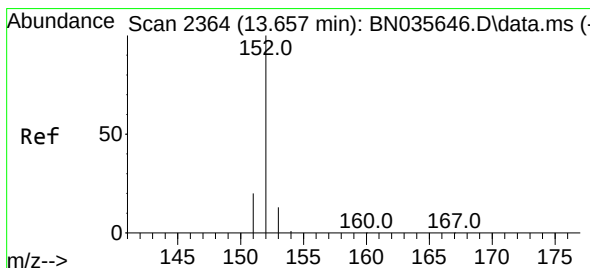
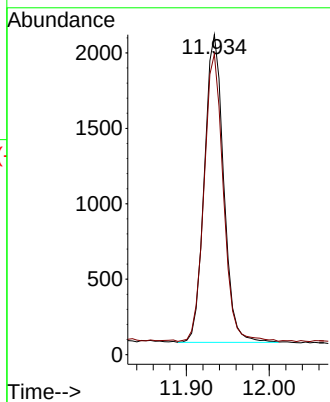
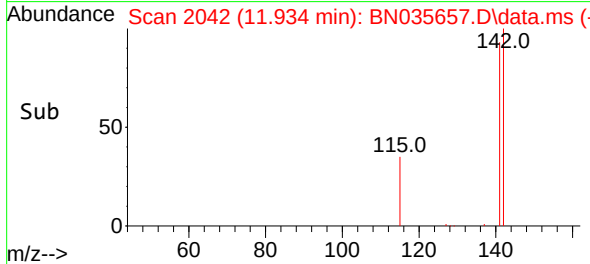
Instrument :
BNA_N
ClientSampleId :
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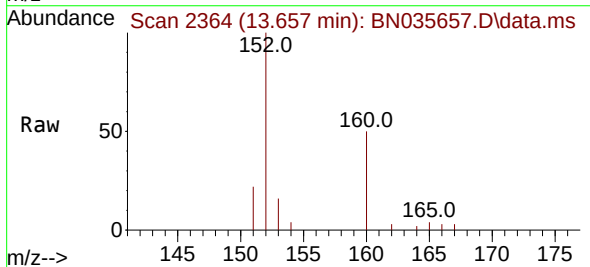
Tgt Ion:142 Resp: 328
Ion Ratio Lower Upper
142 100
141 93.3 74.7 112.1

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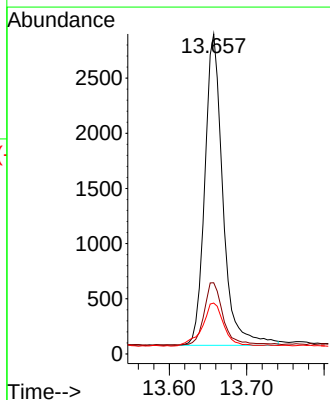
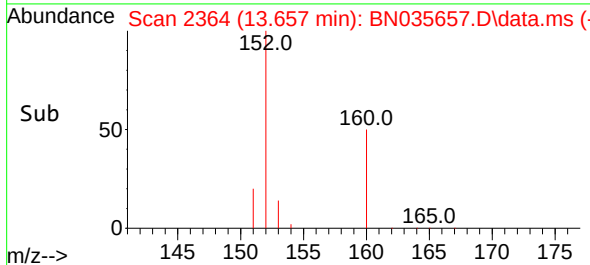
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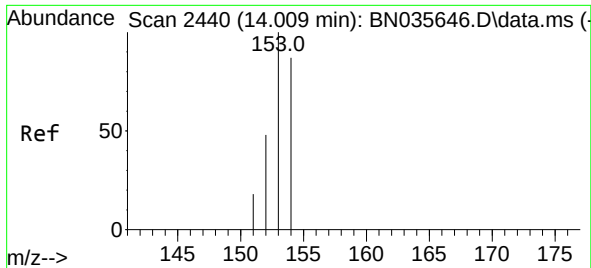


#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36



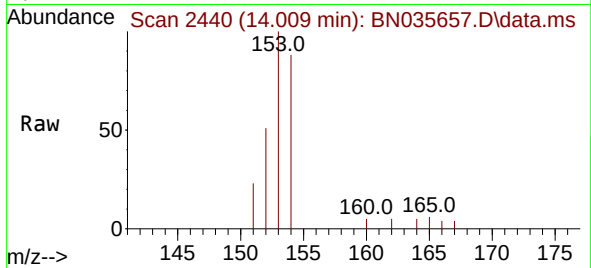
Tgt Ion:152 Resp: 4585
Ion Ratio Lower Upper
152 100
151 22.2 17.6 26.4
153 15.9 11.4 17.2





#11
Acenaphthene
Concen: 0.135 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

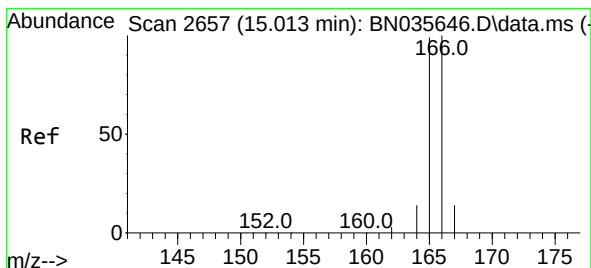
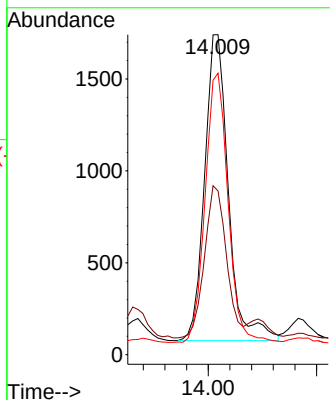
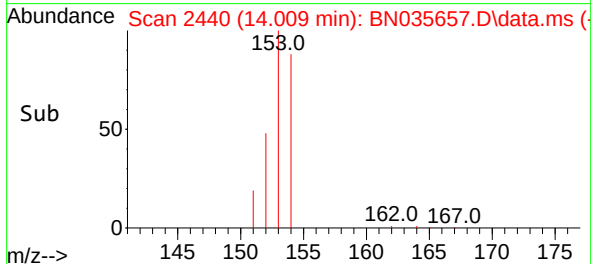
Instrument :
BNA_N
ClientSampleId :
E28T1DL



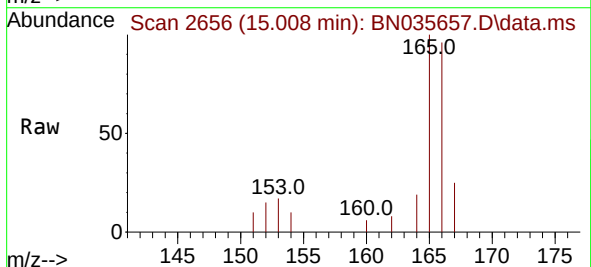
Tgt Ion:153 Resp: 2538
Ion Ratio Lower Upper
153 100
152 51.2 39.8 59.6
154 87.9 69.8 104.8

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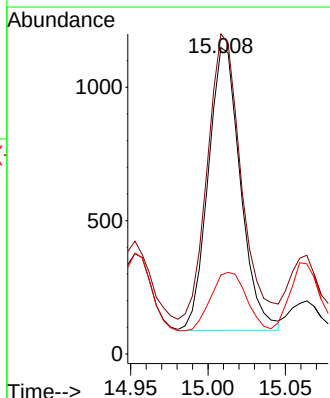
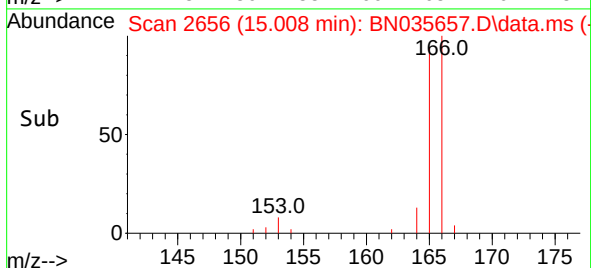
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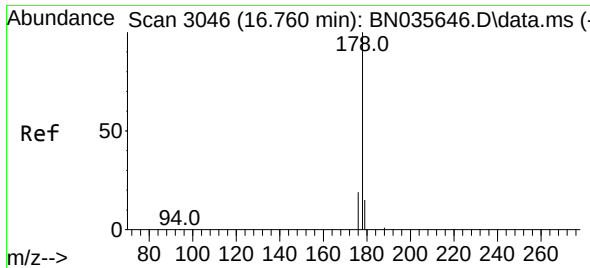


#12
Fluorene
Concen: 0.070 ng/u1
RT: 15.008 min Scan# 2656
Delta R.T. -0.004 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36



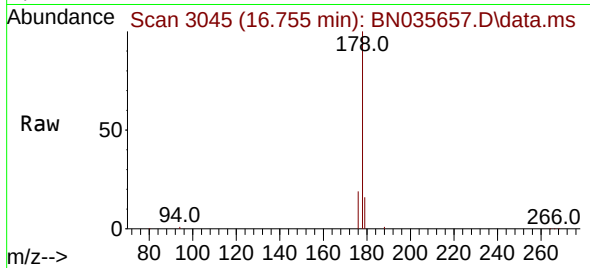
Tgt Ion:166 Resp: 1537
Ion Ratio Lower Upper
166 100
165 104.4 79.5 119.3
167 25.8 11.8 17.8#





#15
Phenanthrene
Concen: 0.964 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

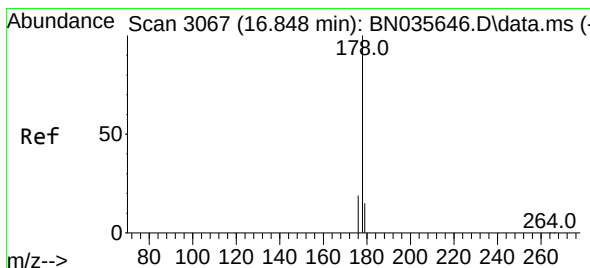
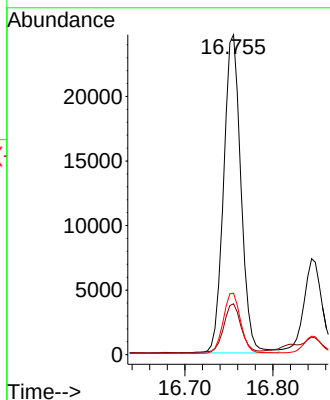
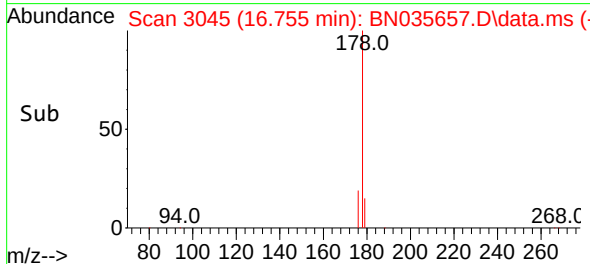
Instrument :
BNA_N
ClientSampleId :
E28T1DL



Tgt Ion:178 Resp: 3376
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.2 15.8 23.8

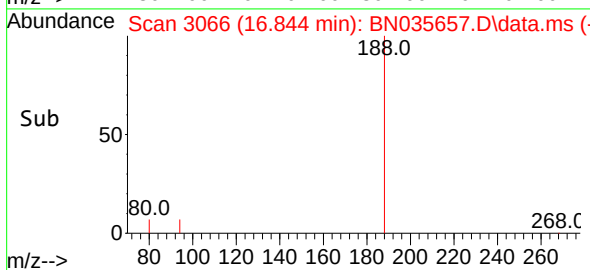
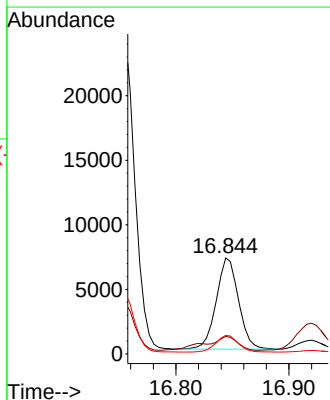
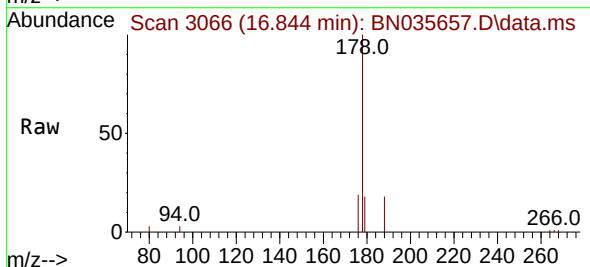
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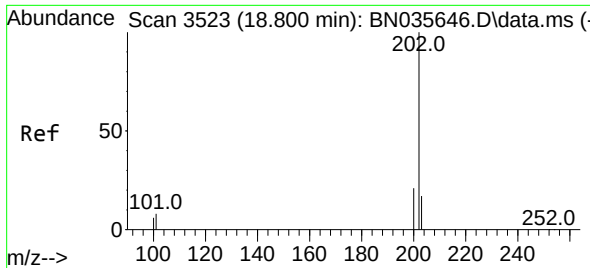
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.296 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

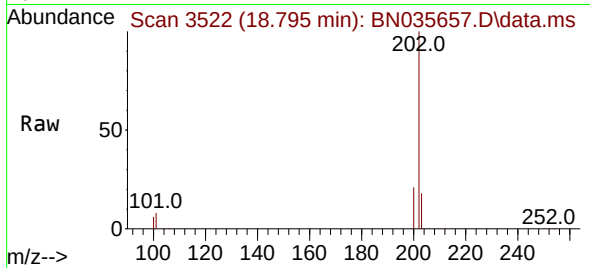
Tgt Ion:178 Resp: 9703
Ion Ratio Lower Upper
178 100
179 18.3 13.4 20.0
176 19.4 15.4 23.0





#19
Fluoranthene
Concen: 3.127 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.004 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

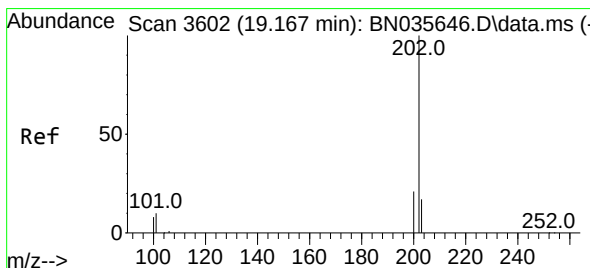
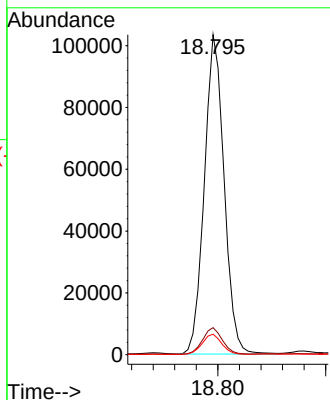
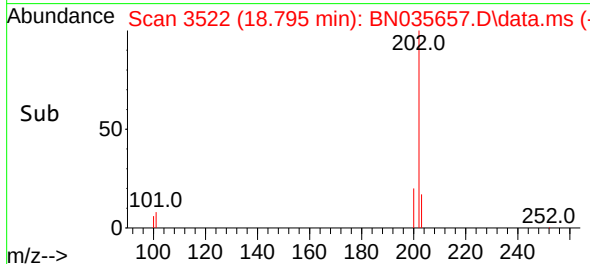
Instrument :
BNA_N
ClientSampleId :
E28T1DL



Tgt Ion:202 Resp: 131414
Ion Ratio Lower Upper
202 100
101 8.4 7.3 10.9
100 6.4 5.4 8.0

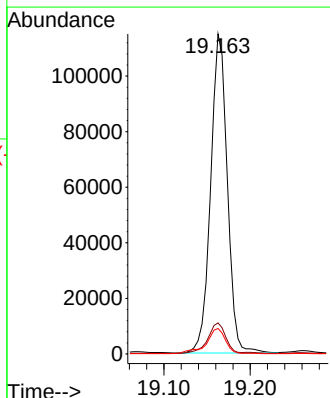
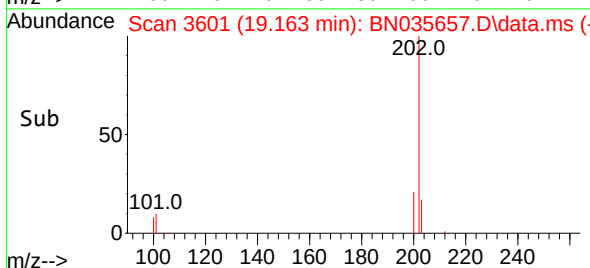
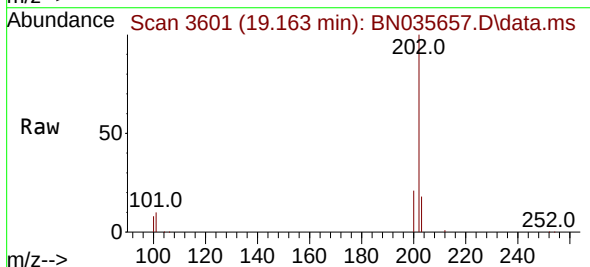
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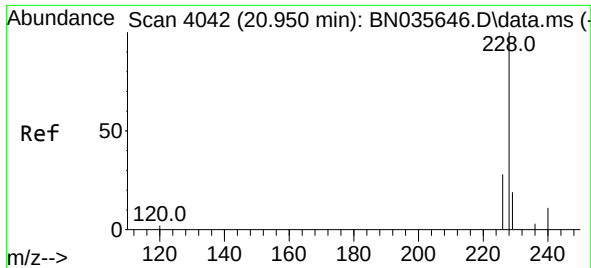
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 3.342 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

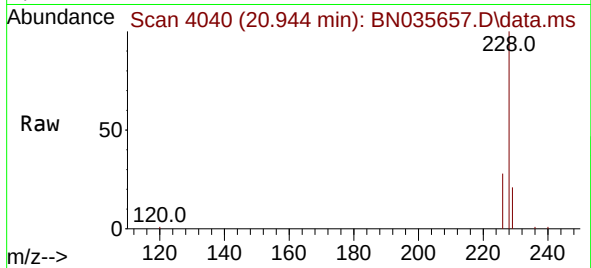
Tgt Ion:202 Resp: 154722
Ion Ratio Lower Upper
202 100
101 9.7 8.5 12.7
100 7.9 6.5 9.7





#21
Benzo(a)anthracene
Concen: 3.522 ng/ul
RT: 20.944 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

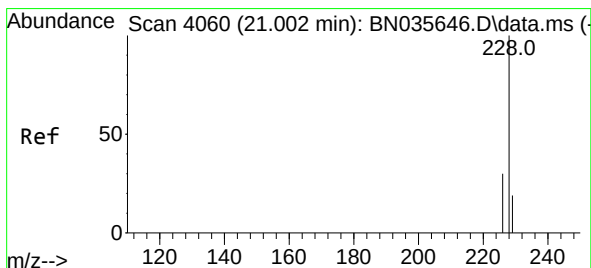
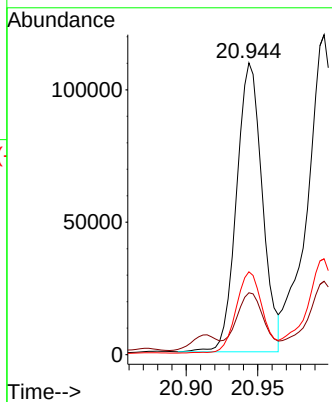
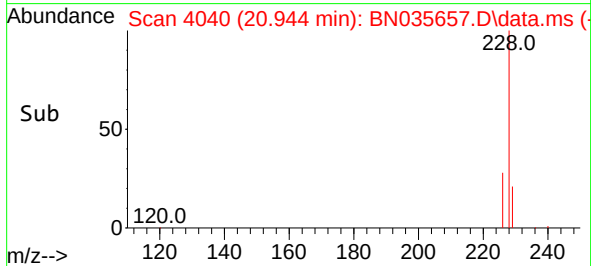
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Tgt Ion:228 Resp: 137248
Ion Ratio Lower Upper
228 100
229 21.2 16.6 25.0
226 28.4 22.5 33.7

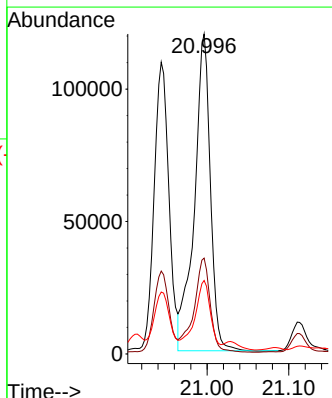
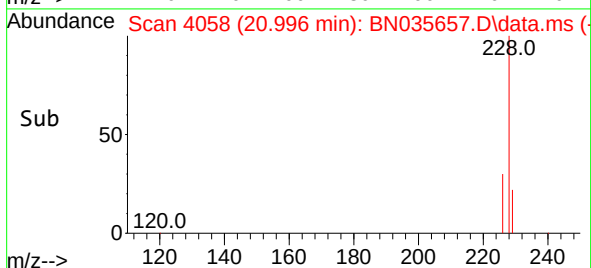
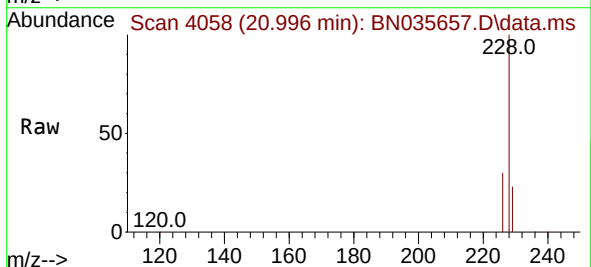
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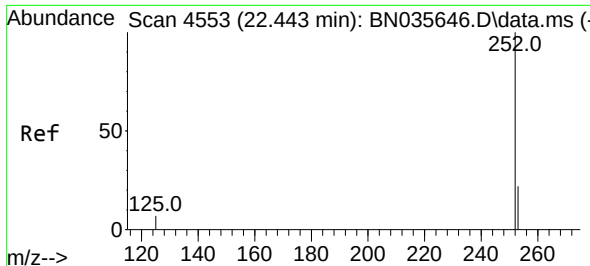
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 4.031 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

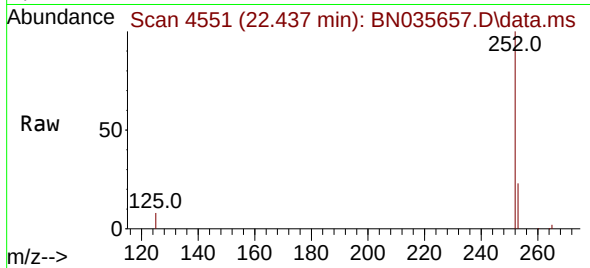
Tgt Ion:228 Resp: 162978
Ion Ratio Lower Upper
228 100
226 29.9 25.1 37.7
229 23.0 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 7.380 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

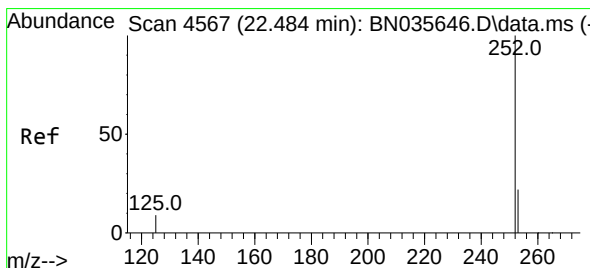
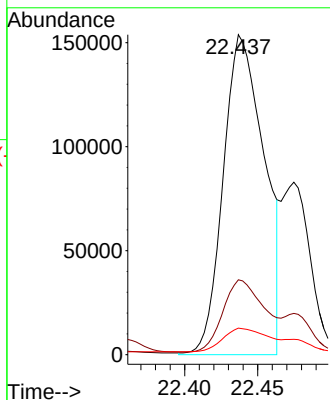
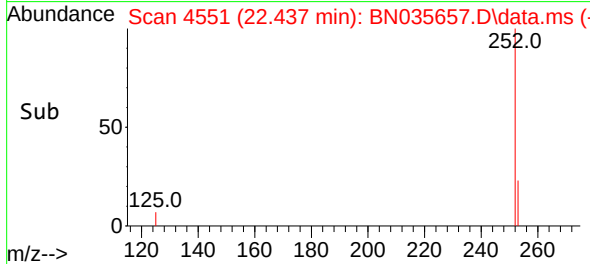
Instrument :
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Tgt Ion:252 Resp: 30026
Ion Ratio Lower Upper
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253 23.4 0.0 56.4
125 8.3 0.0 37.6

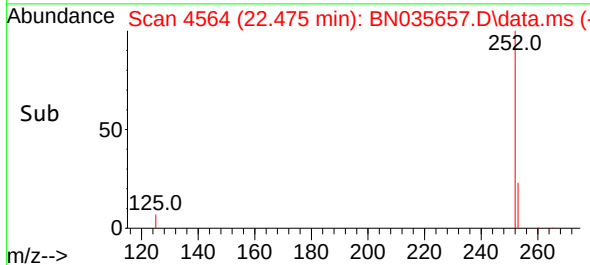
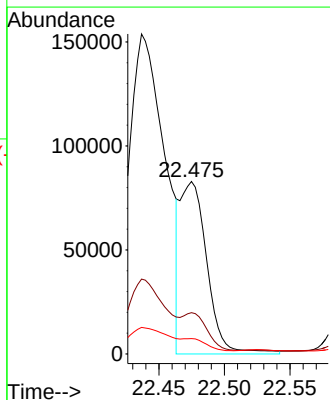
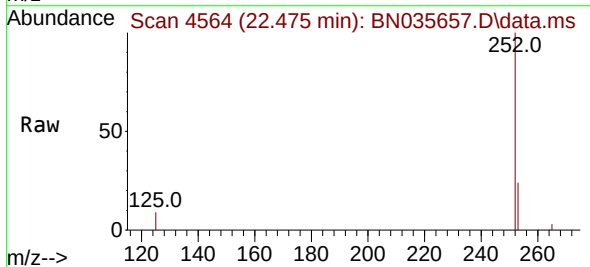
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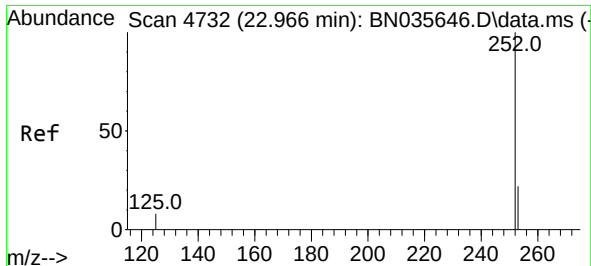
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 2.622 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

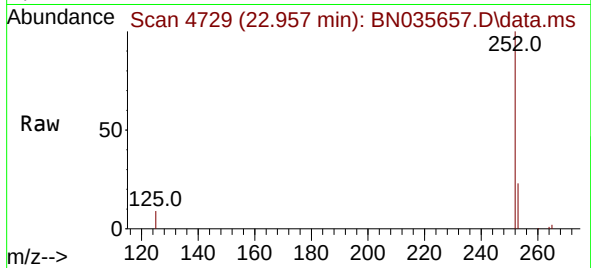
Tgt Ion:252 Resp: 117997
Ion Ratio Lower Upper
252 100
253 23.9 22.1 33.1
125 8.9 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 6.062 ng/ul
RT: 22.957 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

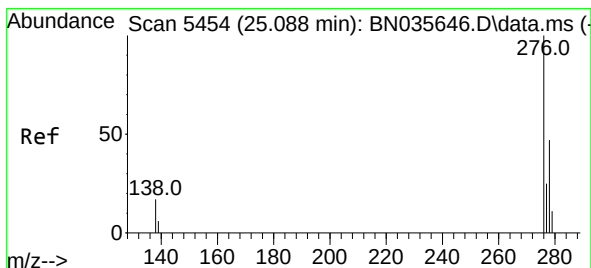
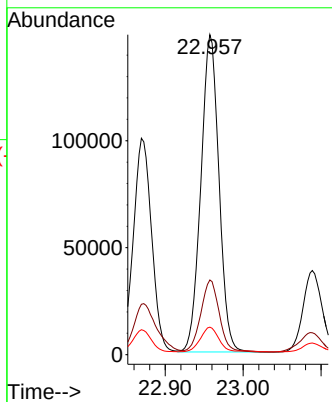
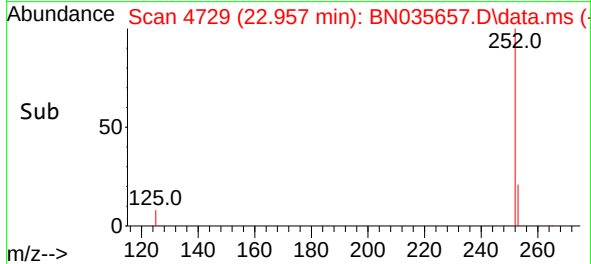
Instrument :
BNA_N
ClientSampleId :
E28T1DL



Tgt Ion:252 Resp: 238850
Ion Ratio Lower Upper
252 100
253 23.3 24.1 36.1
125 8.6 19.1 28.7

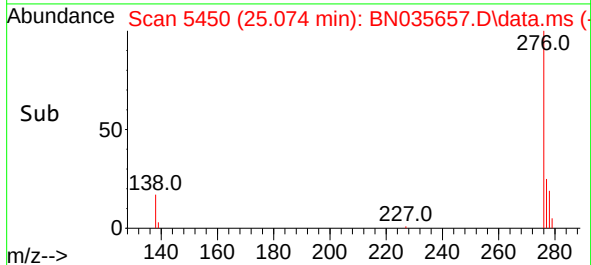
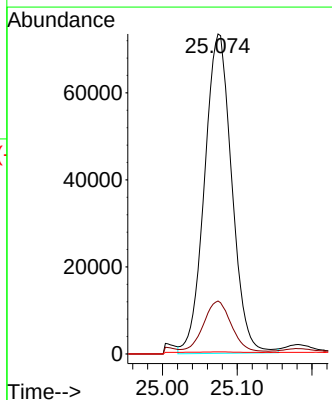
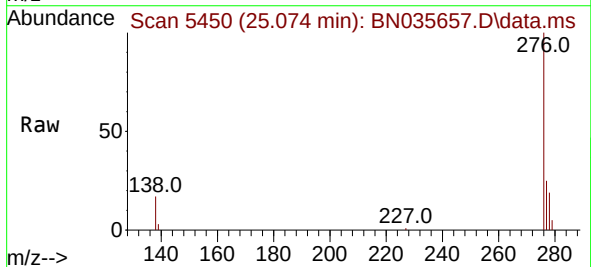
Manual Integrations
APPROVED

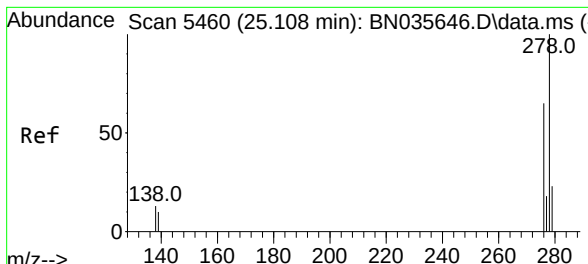
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.883 ng/ul
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035657.D
Acq: 17 Dec 2024 16:36

Tgt Ion:276 Resp: 186255
Ion Ratio Lower Upper
276 100
138 17.4 14.7 22.1
227 3.3 21.6 32.4





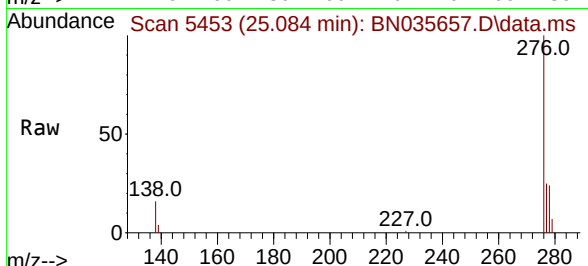
#28
 Dibenzo(a,h)anthracene
 Concen: 1.271 ng/ul
 RT: 25.084 min Scan# 5460
 Delta R.T. -0.017 min
 Lab File: BN035657.D
 Acq: 17 Dec 2024 16:36

Instrument :

BNA_N

ClientSampleId :

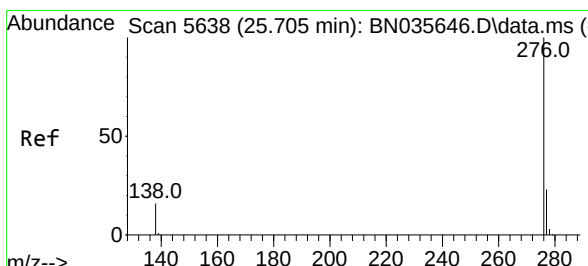
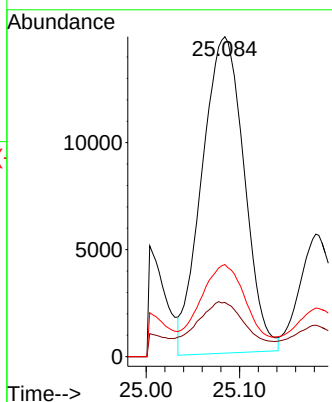
E28T1DL



Tgt Ion:278 Resp: 4656
 Ion Ratio Lower Upper
 278 100
 139 17.0 19.8 29.8
 279 28.8 24.0 36.0

Manual Integrations
 APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 5.089 ng/ul
 RT: 25.691 min Scan# 5634
 Delta R.T. -0.007 min
 Lab File: BN035657.D
 Acq: 17 Dec 2024 16:36

Tgt Ion:276 Resp: 195912
 Ion Ratio Lower Upper
 276 100
 138 16.8 19.6 29.4
 277 24.0 21.6 32.4

