

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032459.D
 Acq On : 04 Jul 2024 05:34
 Operator : MA/JU
 Sample : P2963-10DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 05:59:30 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 03 03:26:42 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	7081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	21103	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.244	164	11639	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20526	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	16369	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	20613	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	6355	0.807	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	2026	0.064	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	3625	0.074	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	2465	0.044	ng/ul#	87
7) 2-Methylnaphthalene	12.054	142	913	0.025	ng/ul	97
8) 1-Methylnaphthalene	12.274	142	786	0.020	ng/ul	93
10) Acenaphthylene	13.966	152	7120	0.147	ng/ul	95
11) Acenaphthene	14.309	153	3322	0.088	ng/ul	99
12) Fluorene	15.303	166	3641	0.081	ng/ul#	98
15) Phenanthrene	17.041	178	63511	1.129	ng/ul	100
16) Anthracene	17.134	178	16109	0.321	ng/ul	97
19) Fluoranthene	19.069	202	110226	1.768	ng/ul	98
20) Pyrene	19.431	202	107555	1.651	ng/ul	99
21) Benzo(a)anthracene	21.188	228	54085	0.915	ng/ul	96
22) Chrysene	21.241	228	56815	0.876	ng/ul	96
24) Benzo(b)fluoranthene	22.757	252	79457m	0.887	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	28406m	0.326	ng/ul	
26) Benzo(a)pyrene	23.322	252	60797	0.976	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.653	276	44970	0.461	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.656	278	10339	0.143	ng/ul#	73
29) Benzo(g,h,i)perylene	26.337	276	44152	0.568	ng/ul	98

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

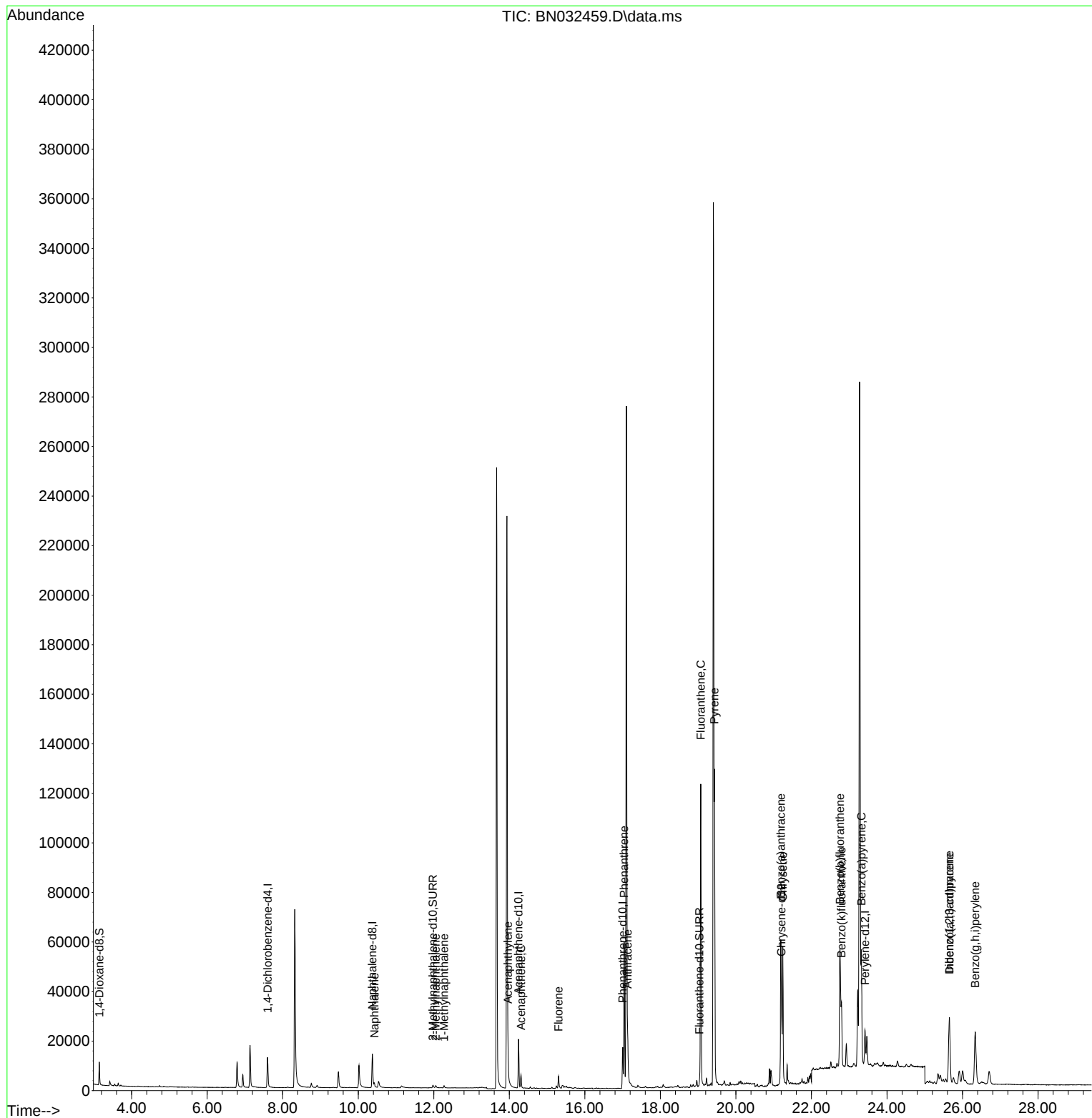
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032459.D
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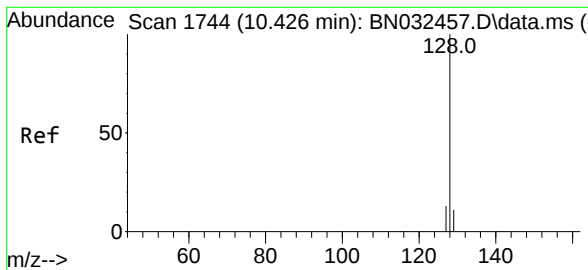
Instrument :
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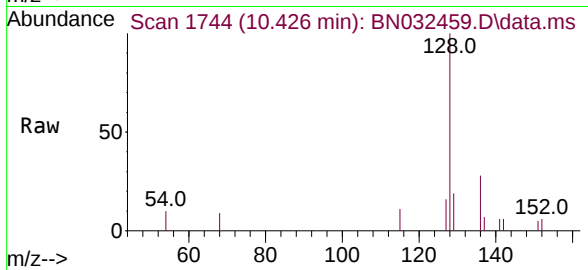
Quant Time: Jul 04 05:59:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

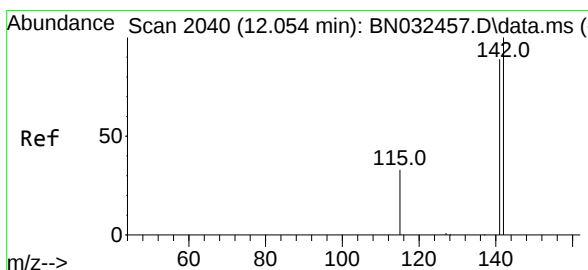
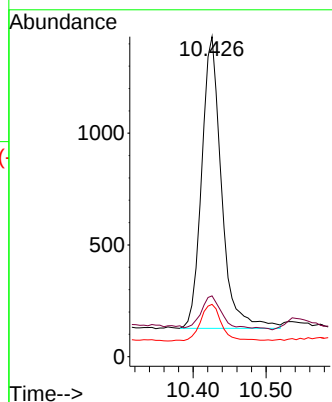
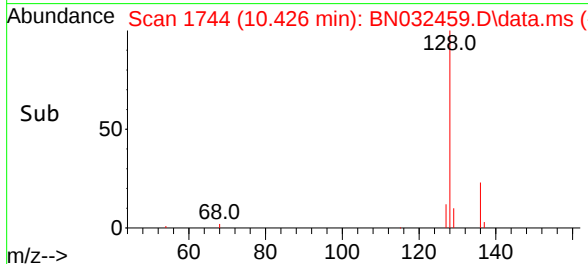
Instrument :
BNA_N
ClientSampleId :
A4CR3DL



Tgt Ion:128 Resp: 246
Ion Ratio Lower Upper
128 100
129 19.0 9.2 13.8
127 16.3 10.8 16.2

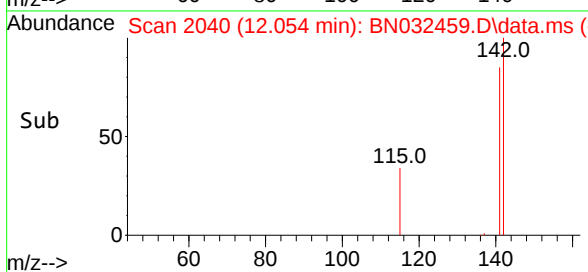
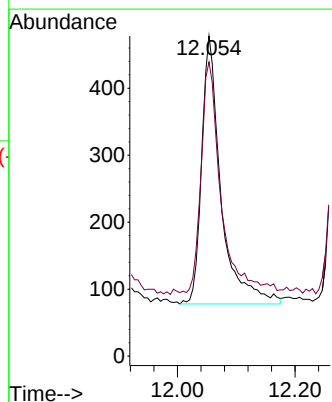
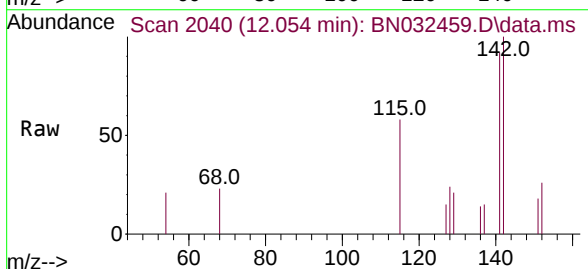
Manual Integrations
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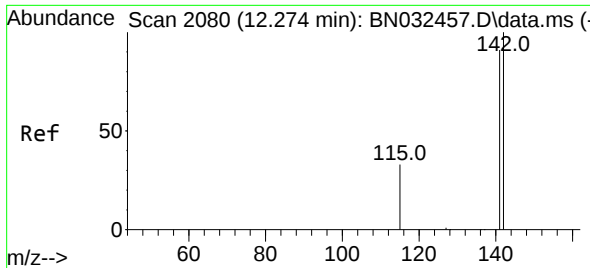
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

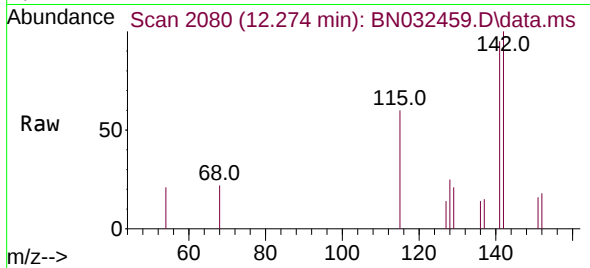
Tgt Ion:142 Resp: 913
Ion Ratio Lower Upper
142 100
141 87.1 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

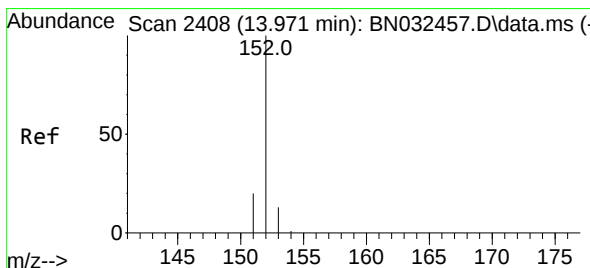
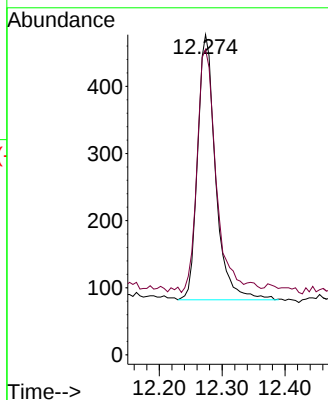
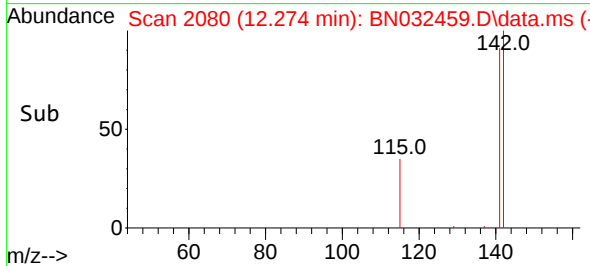
Instrument :
BNA_N
ClientSampleId :
A4CR3DL



Tgt Ion:142 Resp: 780
Ion Ratio Lower Upper
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141 98.0 73.4 110.0

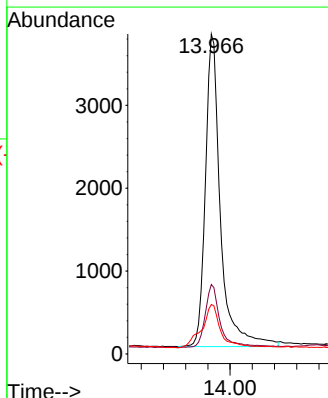
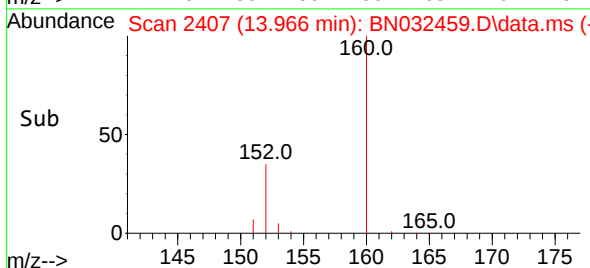
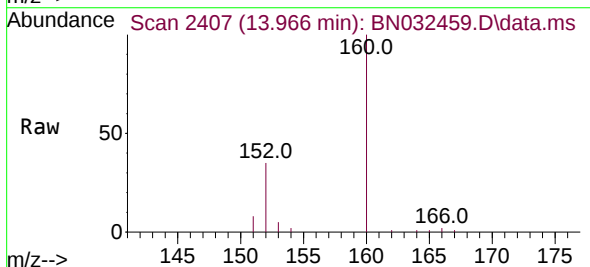
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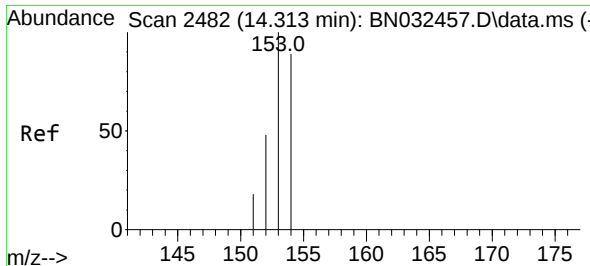
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.147 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

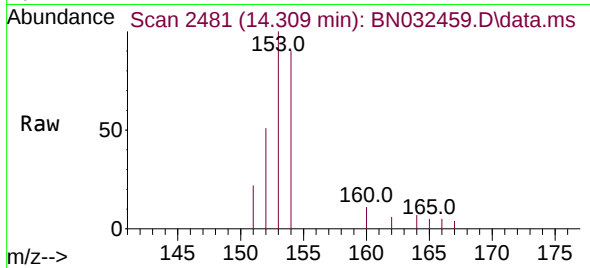
Tgt Ion:152 Resp: 7120
Ion Ratio Lower Upper
152 100
151 21.7 15.7 23.5
153 15.5 10.9 16.3





#11
Acenaphthene
Concen: 0.088 ng/u1
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

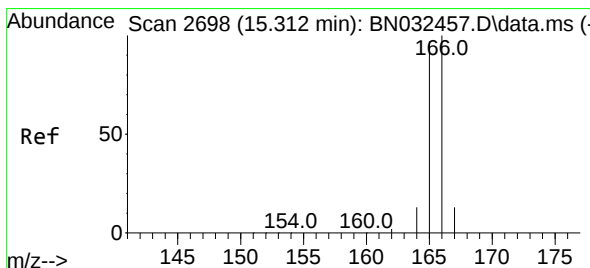
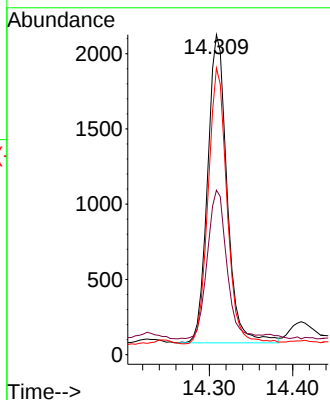
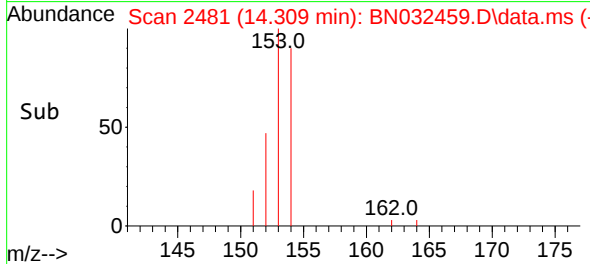
Instrument :
BNA_N
ClientSampleId :
A4CR3DL



Tgt Ion:153 Resp: 332
Ion Ratio Lower Upper
153 100
152 51.4 39.5 59.3
154 89.6 71.7 107.5

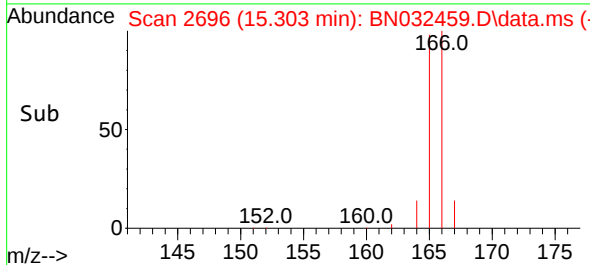
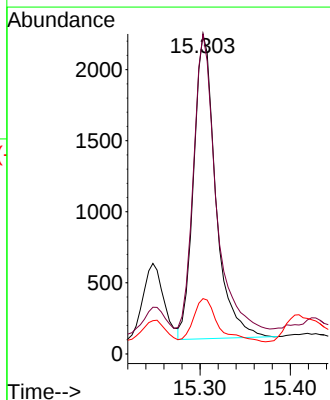
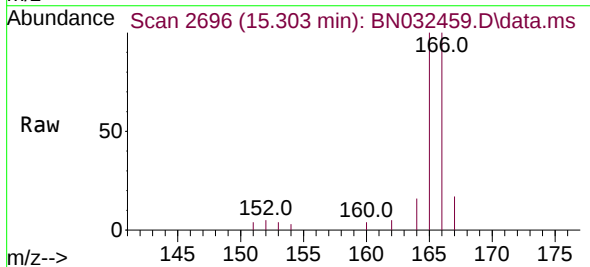
Manual Integrations
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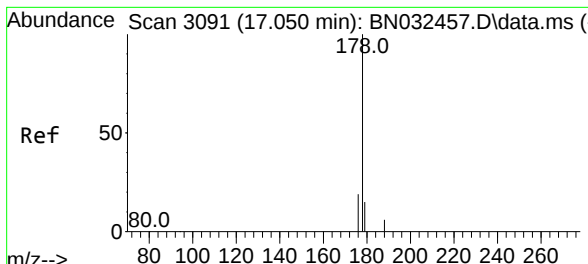
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.081 ng/u1
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

Tgt Ion:166 Resp: 3641
Ion Ratio Lower Upper
166 100
165 99.9 79.0 118.6
167 17.3 11.0 16.6#





#15
 Phenanthrene
 Concen: 1.129 ng/ul
 RT: 17.041 min Scan# 3091
 Delta R.T. -0.008 min
 Lab File: BN032459.D
 Acq: 04 Jul 2024 05:34

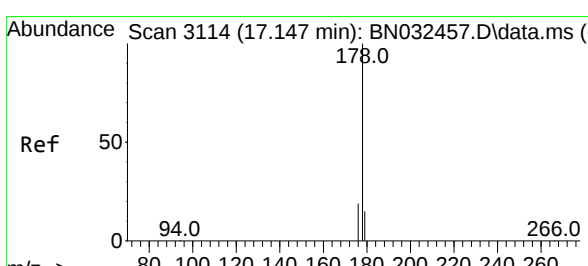
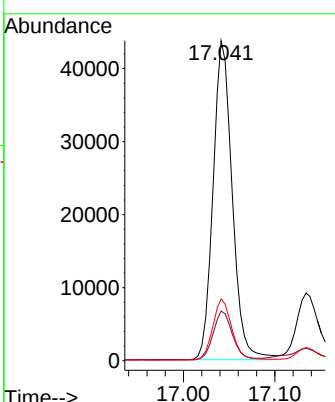
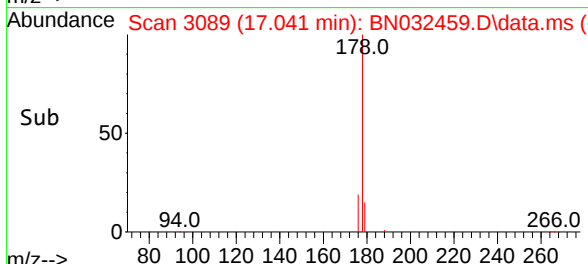
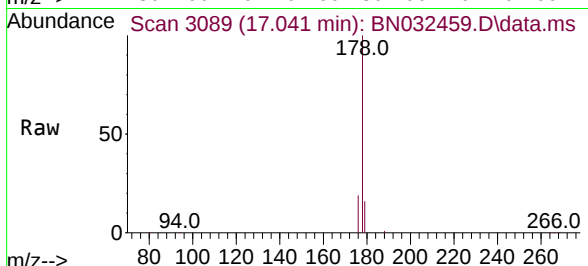
Instrument :
 BNA_N
 ClientSampleId :
 A4CR3DL

Tgt Ion:178 Resp: 6351

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.3	15.6	23.4

Manual Integrations
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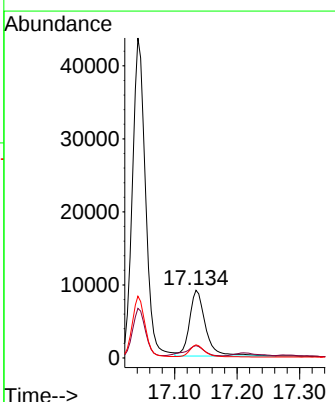
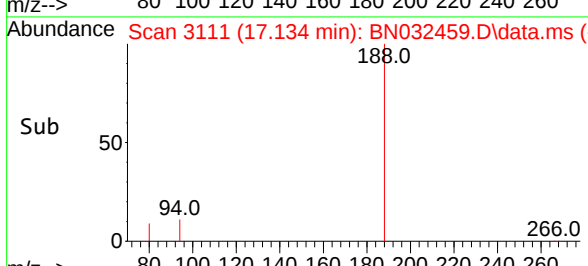
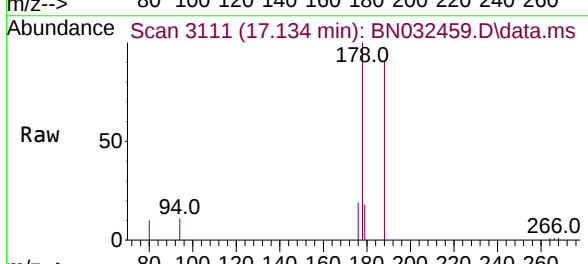
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

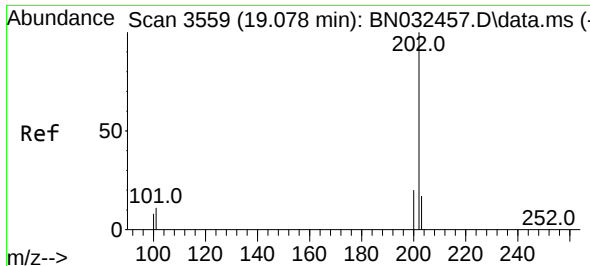


#16
 Anthracene
 Concen: 0.321 ng/ul
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.008 min
 Lab File: BN032459.D
 Acq: 04 Jul 2024 05:34

Tgt Ion:178 Resp: 16109

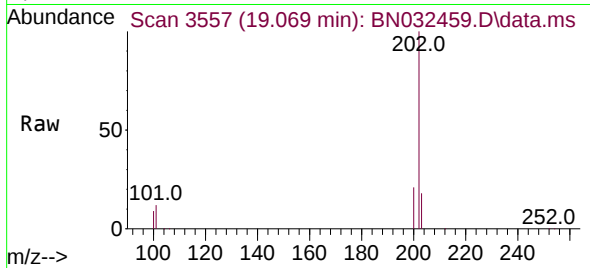
Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.5	18.7
176	19.3	15.0	22.6





#19
Fluoranthene
Concen: 1.768 ng/ul
RT: 19.069 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

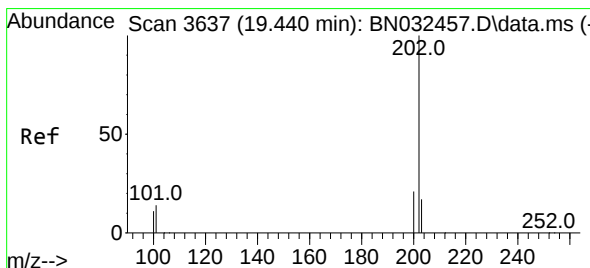
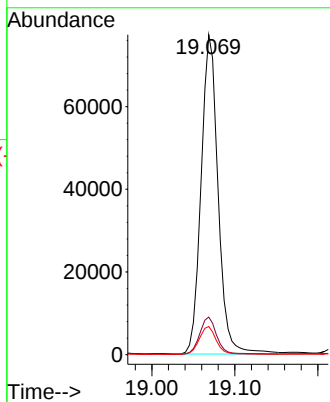
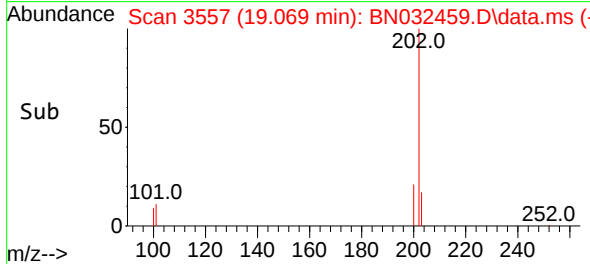
Instrument :
BNA_N
ClientSampleId :
A4CR3DL



Tgt Ion:202 Resp: 110220
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 8.8 6.4 9.6

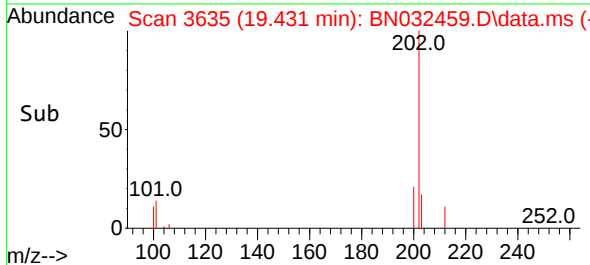
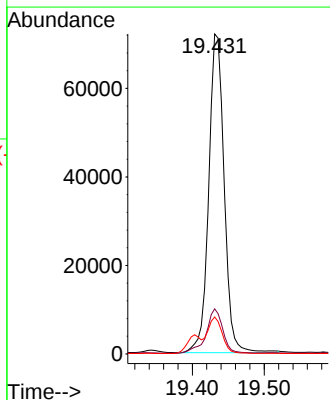
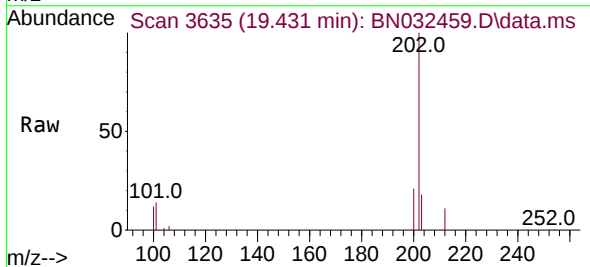
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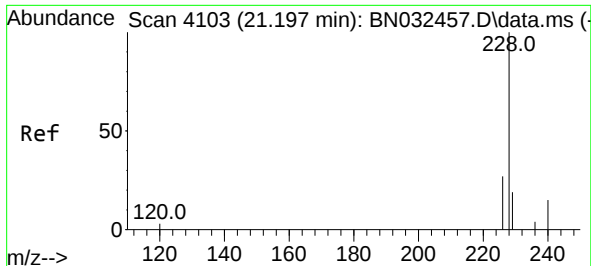
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 1.651 ng/ul
RT: 19.431 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

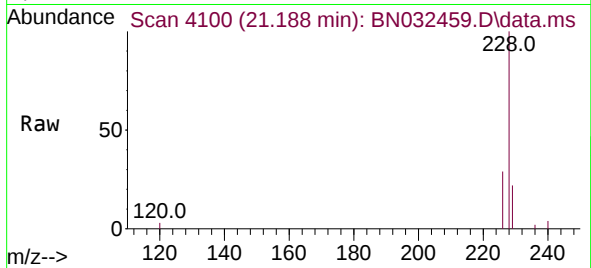
Tgt Ion:202 Resp: 107555
Ion Ratio Lower Upper
202 100
101 14.1 11.0 16.4
100 11.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.915 ng/ul
RT: 21.188 min Scan# 4110
Delta R.T. -0.003 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

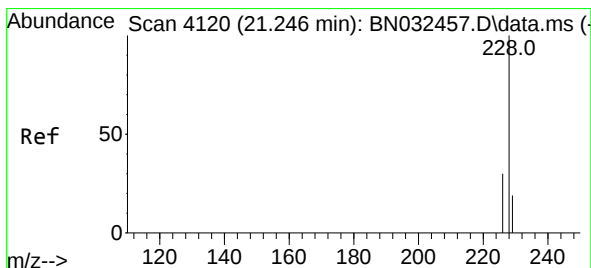
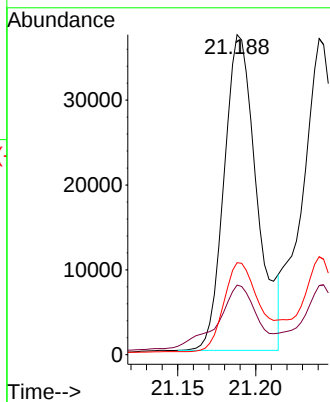
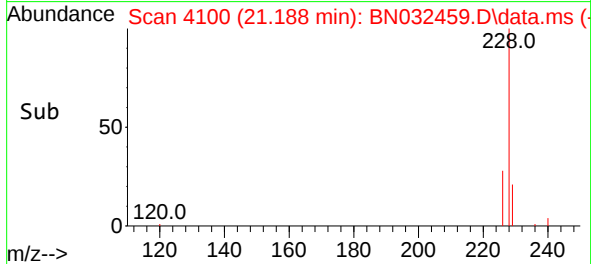
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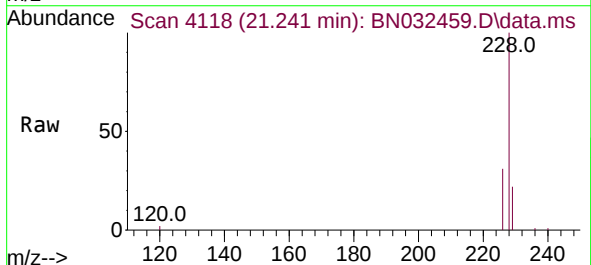
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Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 28.7 21.8 32.8

Manual Integrations
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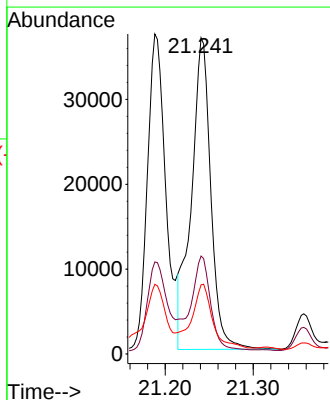
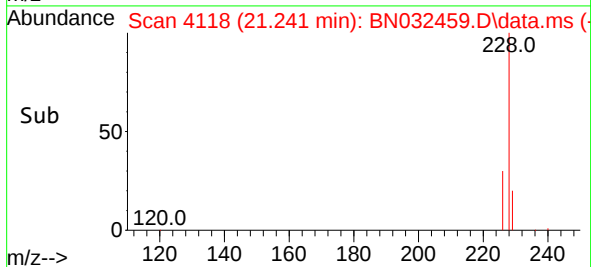
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

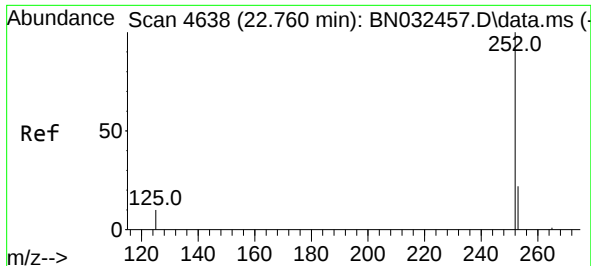


#22
Chrysene
Concen: 0.876 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34



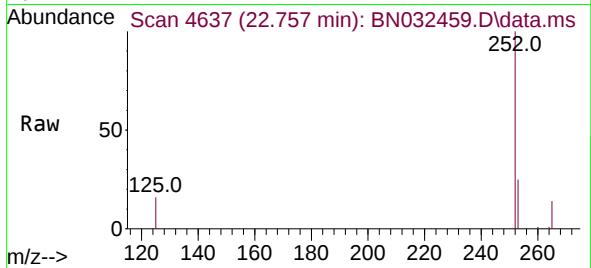
Tgt Ion:228 Resp: 56815
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.887 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

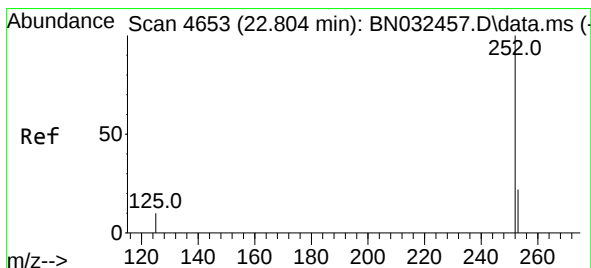
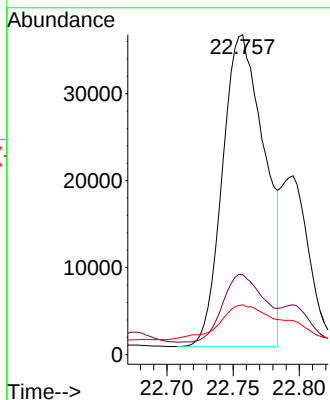
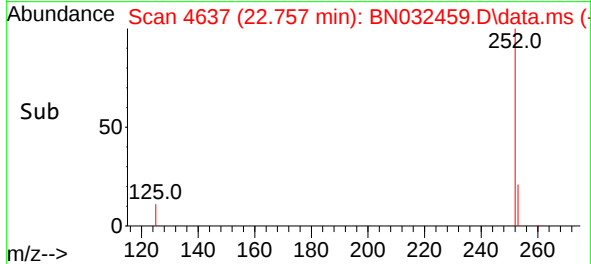
Instrument :
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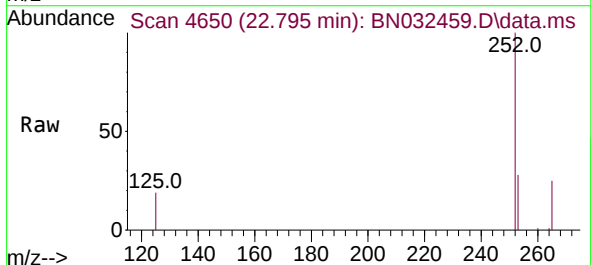
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Ion Ratio Lower Upper
252 100
253 25.1 0.0 50.2
125 15.6 0.0 32.0

Manual Integrations
APPROVED

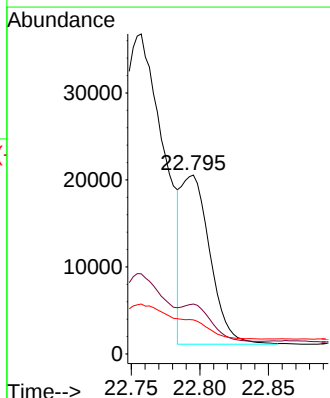
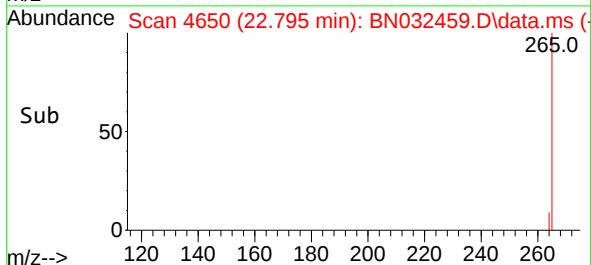
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

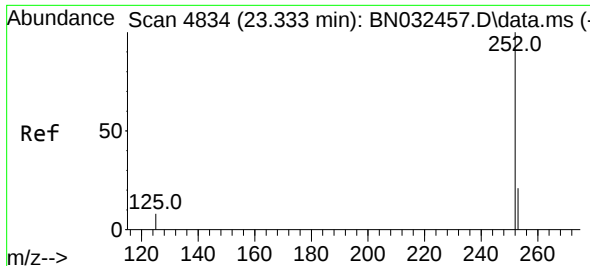


#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34



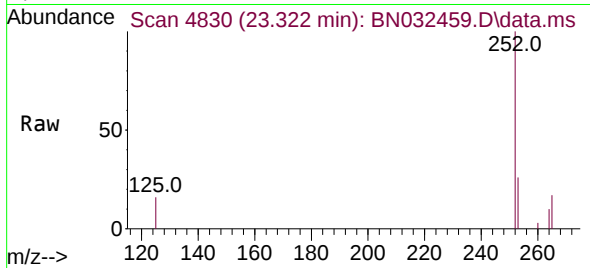
Tgt Ion:252 Resp: 28406
Ion Ratio Lower Upper
252 100
253 27.9 20.3 30.5
125 19.1 12.8 19.2





#26
Benzo(a)pyrene
Concen: 0.976 ng/ul
RT: 23.322 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

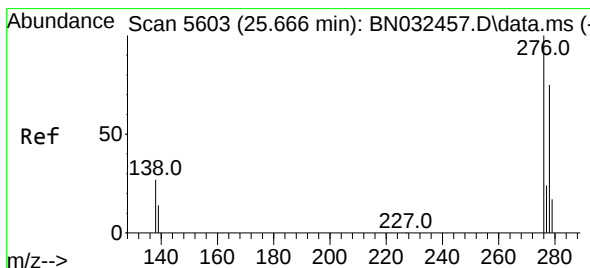
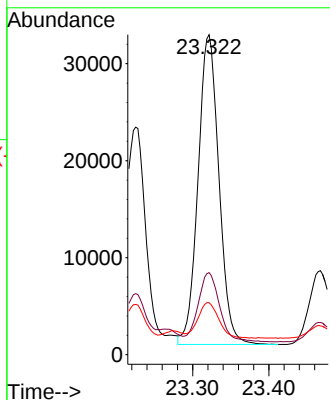
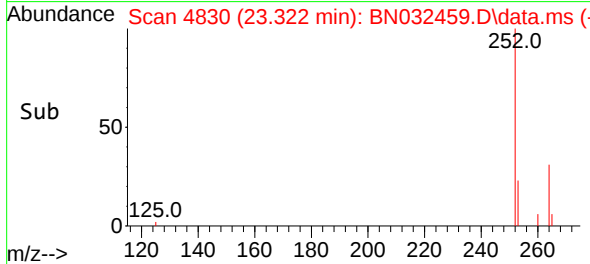
Instrument :
BNA_N
ClientSampleId :
A4CR3DL



Tgt Ion:252 Resp: 6079
Ion Ratio Lower Upper
252 100
253 25.6 22.2 33.2
125 16.2 16.4 24.6

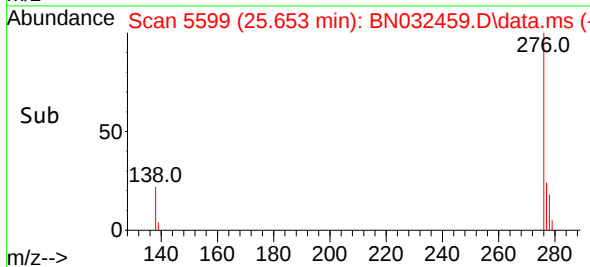
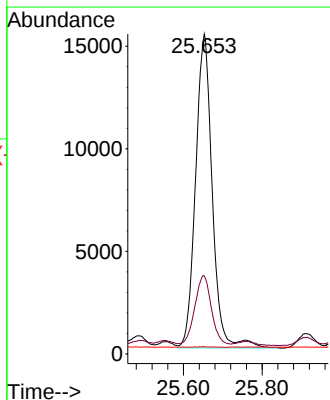
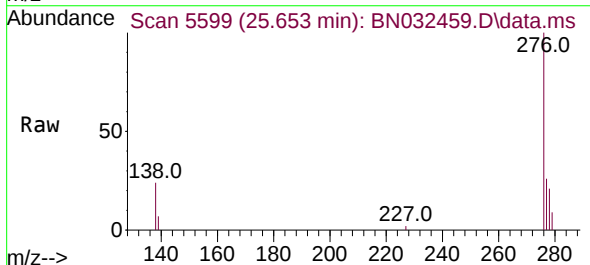
Manual Integrations
APPROVED

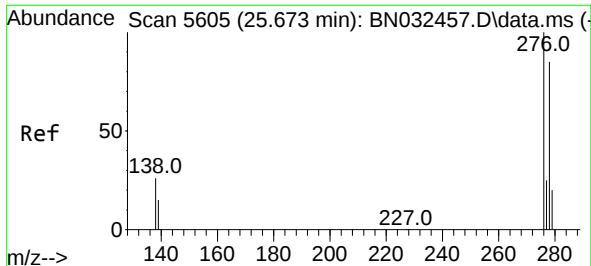
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.461 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

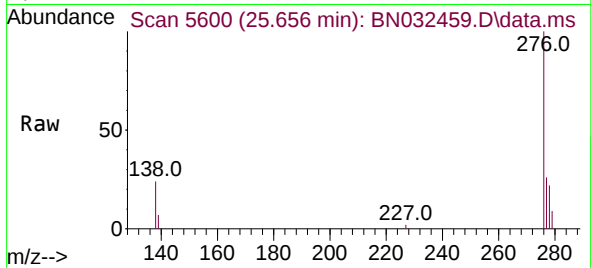
Tgt Ion:276 Resp: 44970
Ion Ratio Lower Upper
276 100
138 21.6 21.3 31.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul
RT: 25.656 min Scan# 5033
Delta R.T. -0.010 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

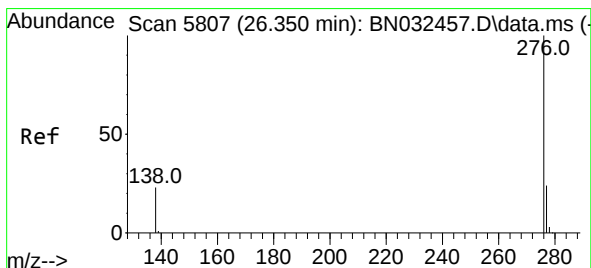
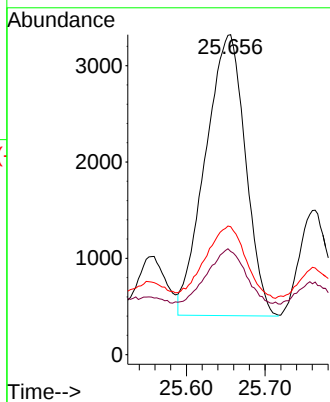
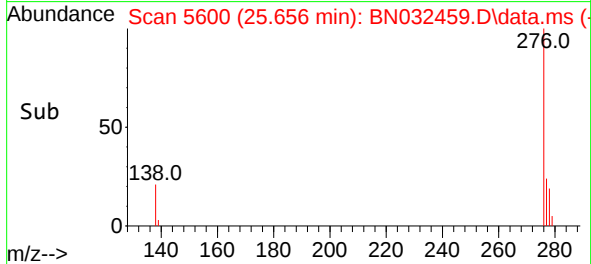
Instrument :
BNA_N
ClientSampleId :
A4CR3DL



Tgt Ion:278 Resp: 10339
Ion Ratio Lower Upper
278 100
139 32.3 15.9 23.9
279 40.0 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.568 ng/ul
RT: 26.337 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BN032459.D
Acq: 04 Jul 2024 05:34

Tgt Ion:276 Resp: 44152
Ion Ratio Lower Upper
276 100
138 25.3 19.8 29.6
277 25.8 19.8 29.6

