

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032748.D
 Acq On : 16 Jul 2024 19:30
 Operator : MA/JU
 Sample : P3035-11DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CY1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 16 23:54:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	5325	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	15293	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	6936	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	14841	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	14039	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	15799m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4115	0.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	758	0.033	ng/ul	-0.03
18) Fluoranthene-d10	18.994	212	1927	0.042	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	2870	0.070	ng/ul#	90
7) 2-Methylnaphthalene	12.015	142	690	0.027	ng/ul	96
8) 1-Methylnaphthalene	12.230	142	548	0.021	ng/ul	100
10) Acenaphthylene	13.915	152	5083	0.181	ng/ul	96
11) Acenaphthene	14.258	153	1812	0.078	ng/ul	98
12) Fluorene	15.257	166	2514	0.095	ng/ul#	97
15) Phenanthrene	16.995	178	59149	1.463	ng/ul	99
16) Anthracene	17.092	178	11843	0.359	ng/ul	96
19) Fluoranthene	19.027	202	140019	2.453	ng/ul	97
20) Pyrene	19.394	202	105624	1.788	ng/ul	96
21) Benzo(a)anthracene	21.156	228	70664	1.581	ng/ul	98
22) Chrysene	21.209	228	68013	1.052	ng/ul	98
24) Benzo(b)fluoranthene	22.711	252	109665m	1.967	ng/ul	
25) Benzo(k)fluoranthene	22.749	252	39061m	0.575	ng/ul	
26) Benzo(a)pyrene	23.272	252	40667	0.843	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.579	276	41972	0.643	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.576	278	12787	0.253	ng/ul#	83
29) Benzo(g,h,i)perylene	26.260	276	5958	0.109	ng/ul#	75

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

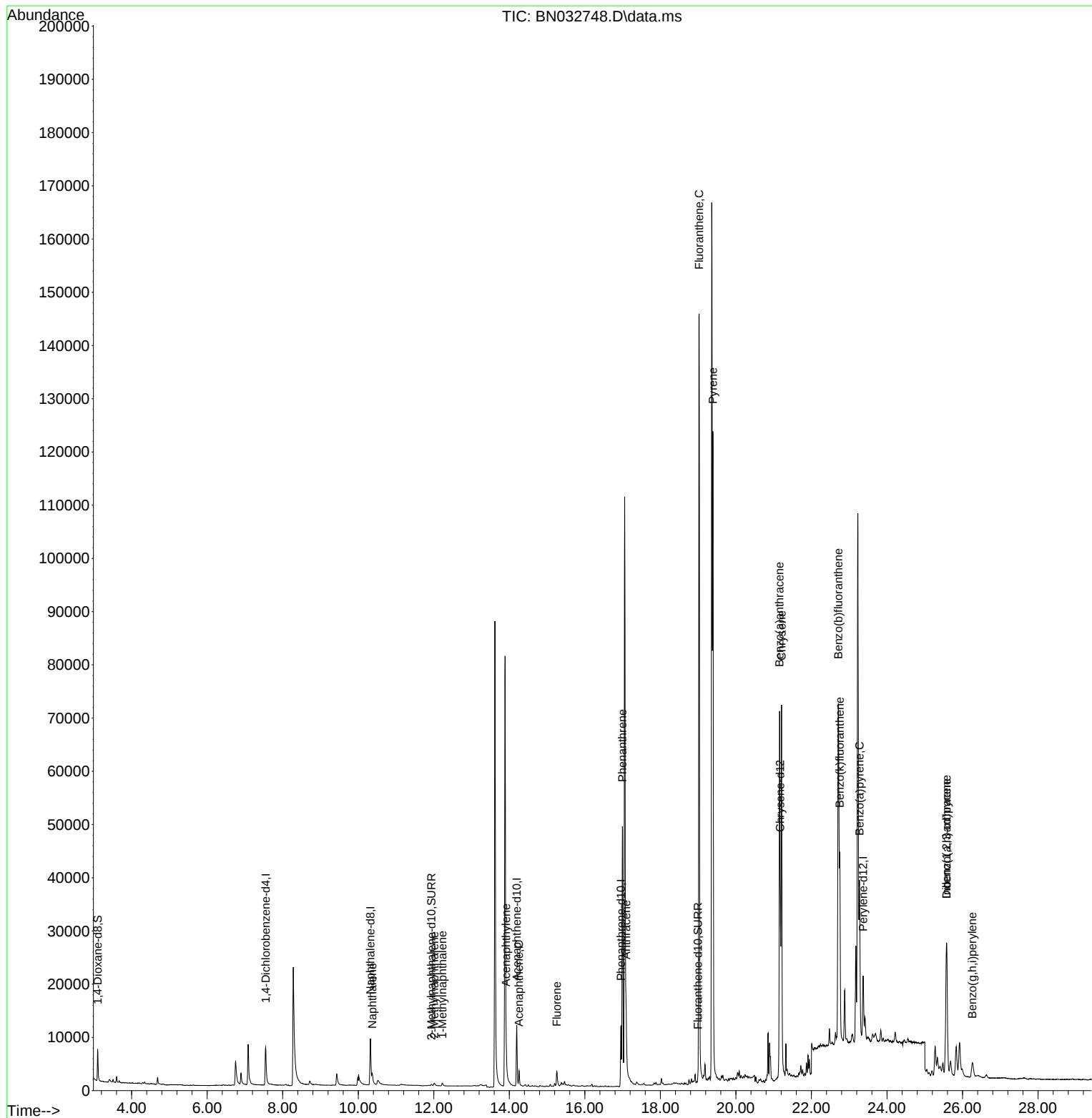
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032748.D
Acq On : 16 Jul 2024 19:30
Operator : MA/JU
Sample : P3035-11DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

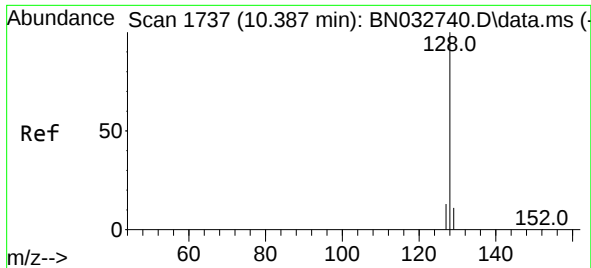
Instrument :
BNA_N
ClientSampleId :
A4CY1DL

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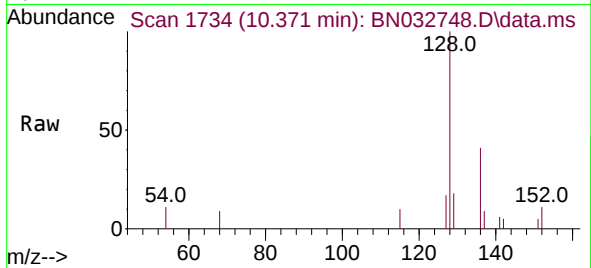
Quant Time: Jul 16 23:54:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.038 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

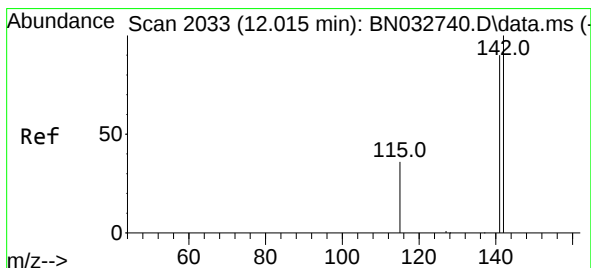
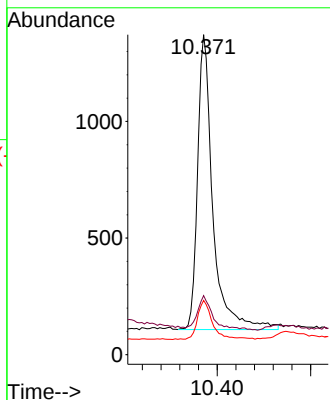
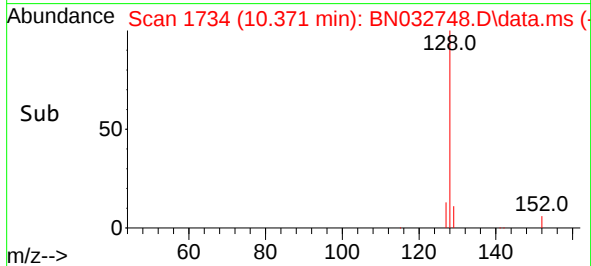
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:128 Resp: 2870
Ion Ratio Lower Upper
128 100
129 18.4 10.0 15.0
127 17.0 11.6 17.4

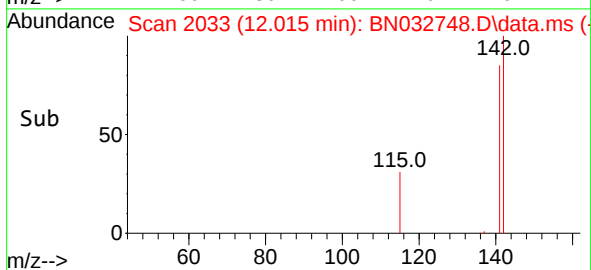
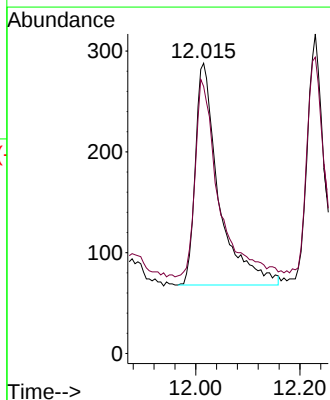
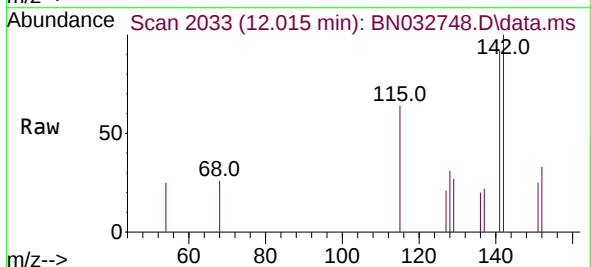
Manual Integrations
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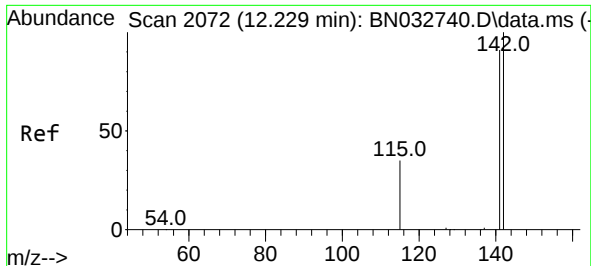
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.015 min Scan# 2033
Delta R.T. -0.033 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

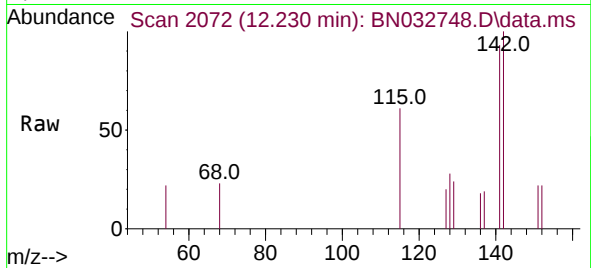
Tgt Ion:142 Resp: 690
Ion Ratio Lower Upper
142 100
141 88.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.230 min Scan# 2072
Delta R.T. -0.016 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

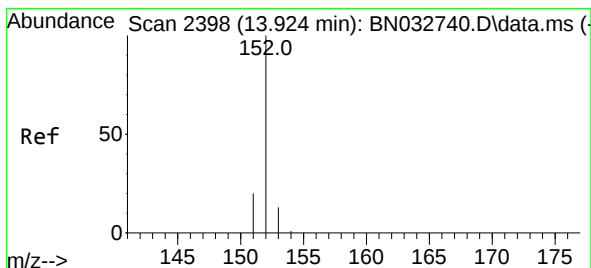
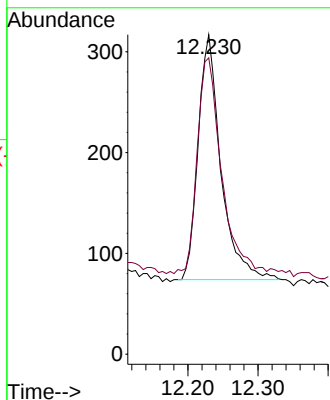
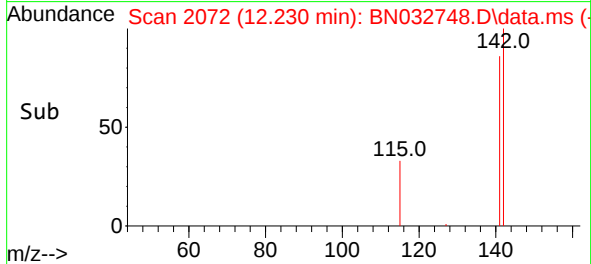
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:142 Resp: 548
Ion Ratio Lower Upper
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141 94.2 75.0 112.4

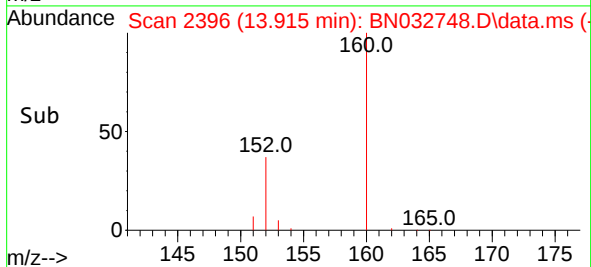
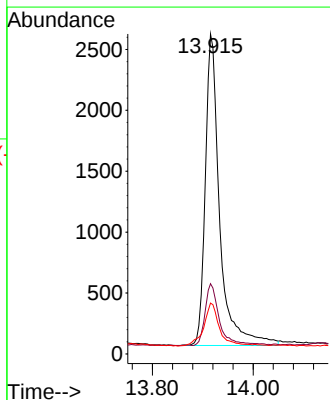
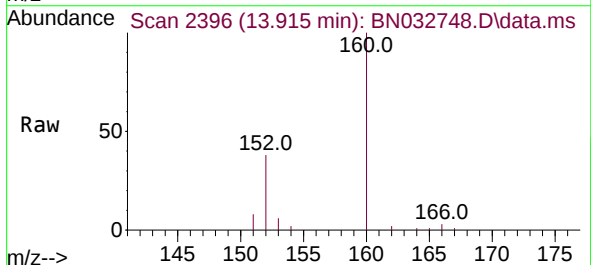
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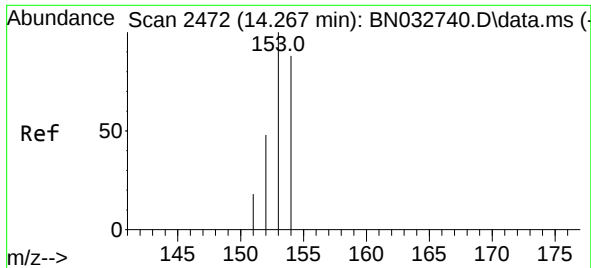
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.181 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.028 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

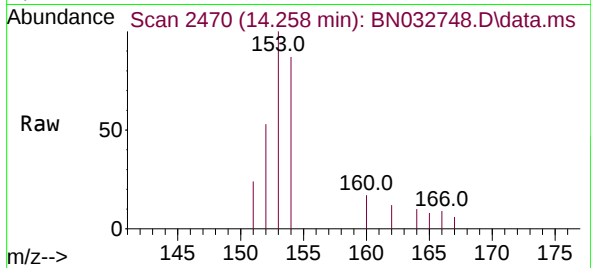
Tgt Ion:152 Resp: 5083
Ion Ratio Lower Upper
152 100
151 22.0 16.3 24.5
153 15.9 11.3 16.9





#11
Acenaphthene
Concen: 0.078 ng/u1
RT: 14.258 min Scan# 2472
Delta R.T. -0.023 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

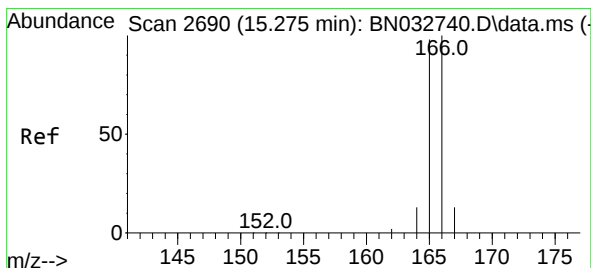
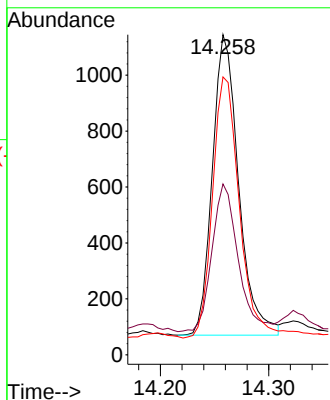
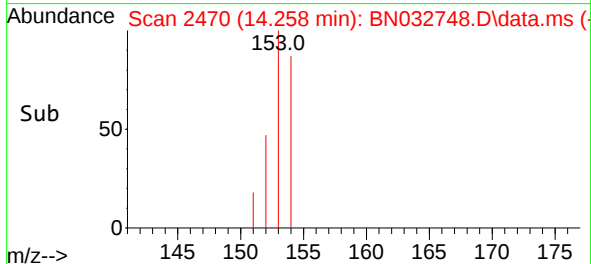
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:153 Resp: 181
Ion Ratio Lower Upper
153 100
152 53.4 40.0 60.0
154 86.8 70.2 105.4

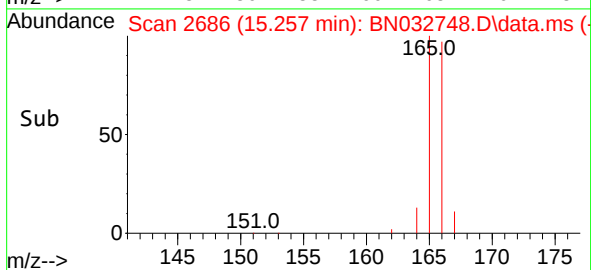
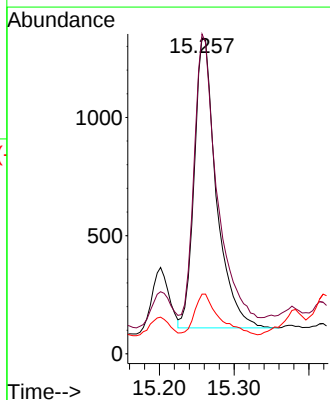
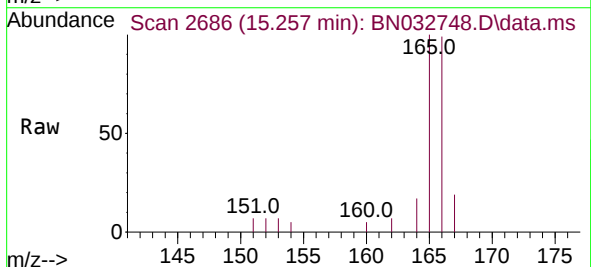
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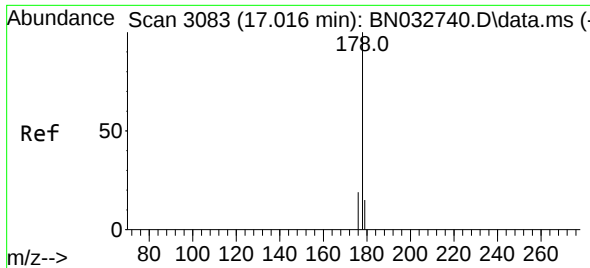
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.095 ng/u1
RT: 15.257 min Scan# 2686
Delta R.T. -0.032 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

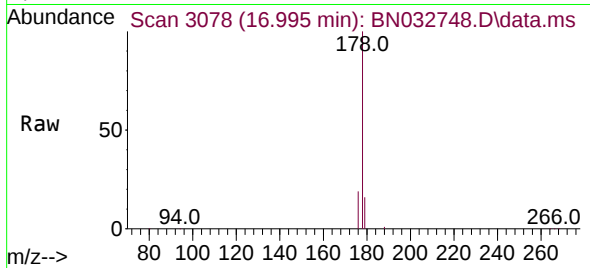
Tgt Ion:166 Resp: 2514
Ion Ratio Lower Upper
166 100
165 101.2 79.7 119.5
167 18.9 11.4 17.2#





#15
Phenanthrene
Concen: 1.463 ng/u1
RT: 16.995 min Scan# 3083
Delta R.T. -0.034 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

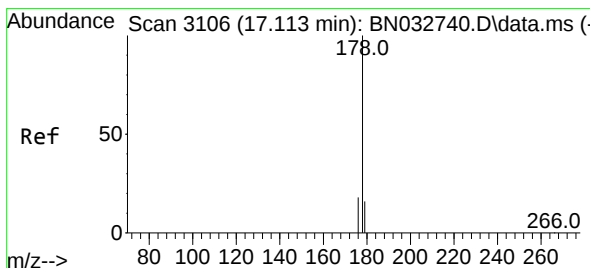
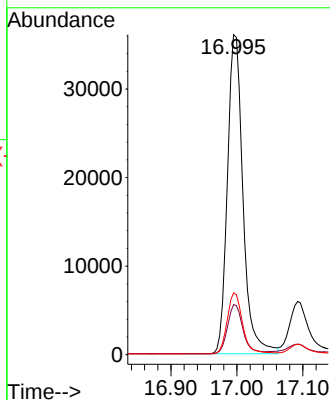
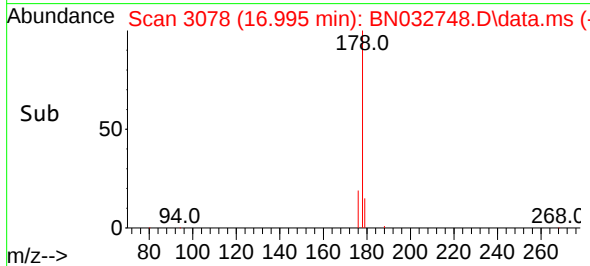
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



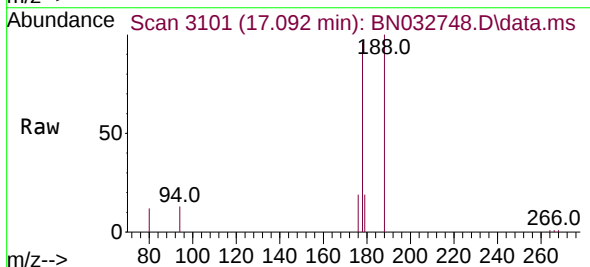
Tgt Ion:178 Resp: 59149
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.3 15.6 23.4

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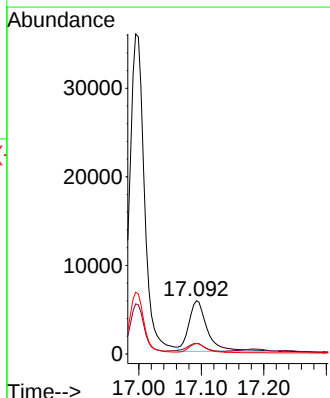
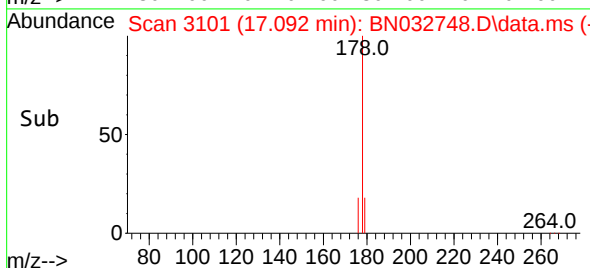
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

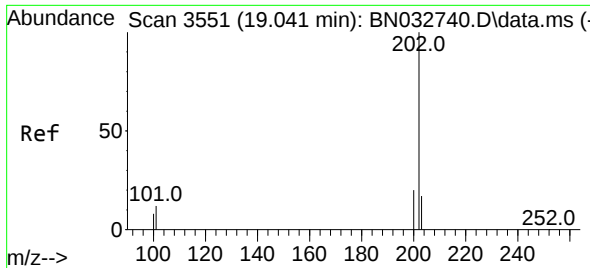


#16
Anthracene
Concen: 0.359 ng/u1
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30



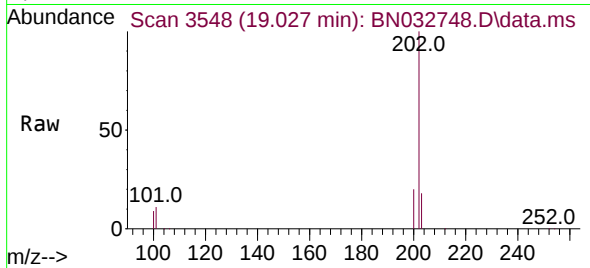
Tgt Ion:178 Resp: 11843
Ion Ratio Lower Upper
178 100
179 19.8 13.4 20.2
176 19.6 15.4 23.0





#19
Fluoranthene
Concen: 2.453 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

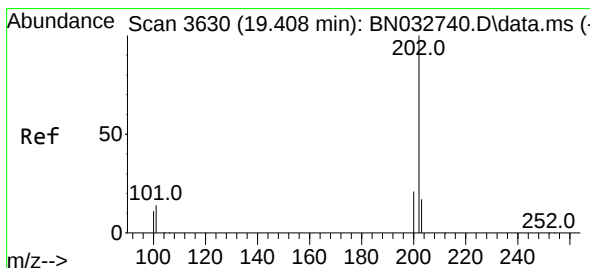
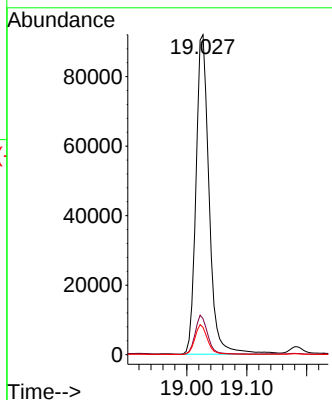
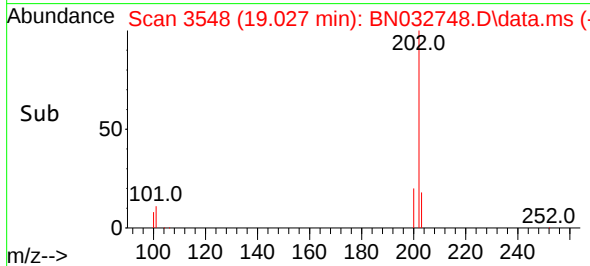
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



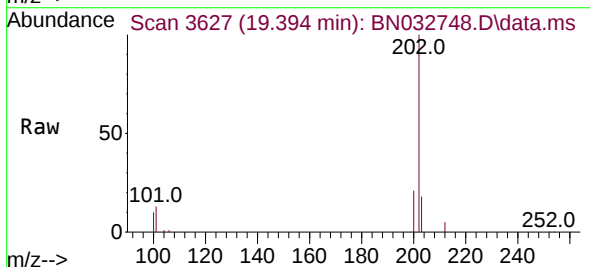
Tgt Ion:202 Resp: 140019
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.8
100 8.6 7.9 11.9

Manual Integrations
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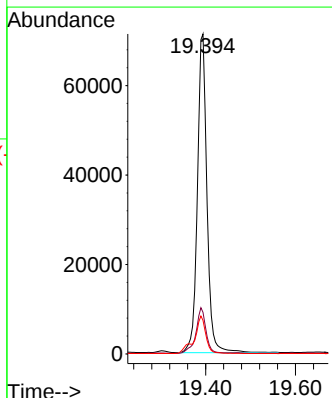
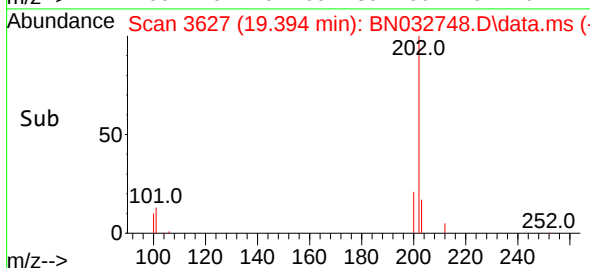
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

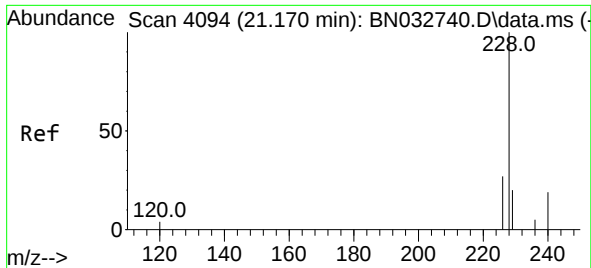


#20
Pyrene
Concen: 1.788 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30



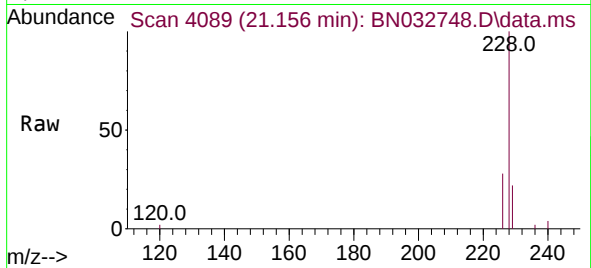
Tgt Ion:202 Resp: 105624
Ion Ratio Lower Upper
202 100
101 13.0 11.8 17.6
100 10.5 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.581 ng/ul
RT: 21.156 min Scan# 4094
Delta R.T. -0.026 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

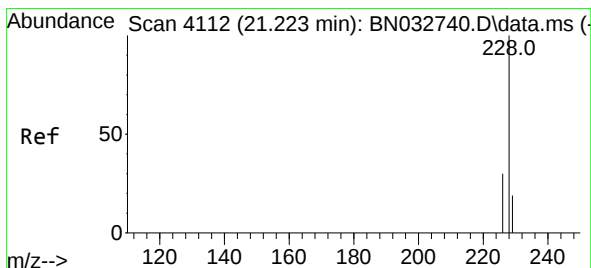
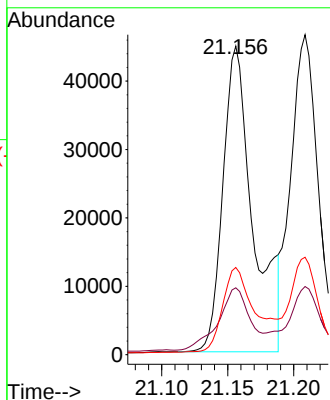
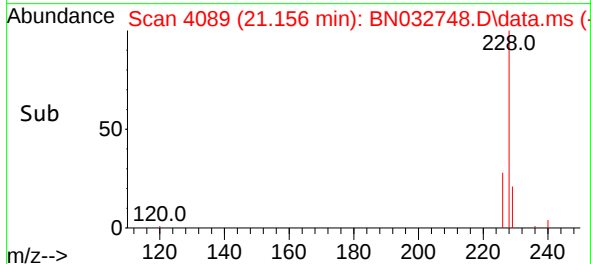
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:228 Resp: 70664
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 28.3 21.9 32.9

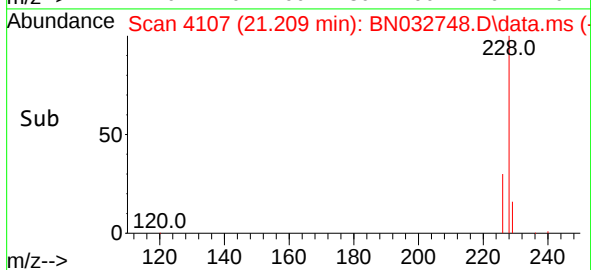
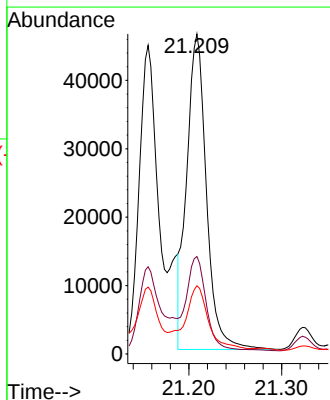
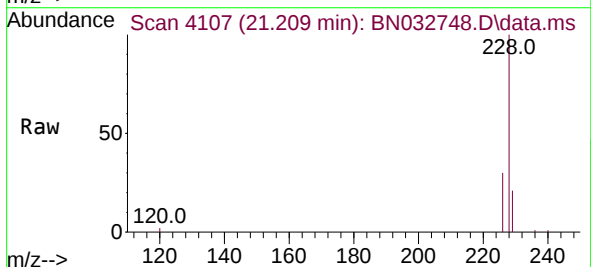
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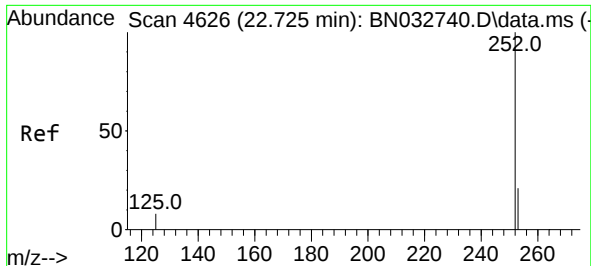
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.052 ng/ul
RT: 21.209 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

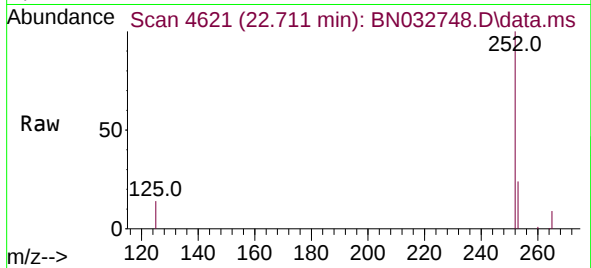
Tgt Ion:228 Resp: 68013
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.967 ng/ul m
RT: 22.711 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

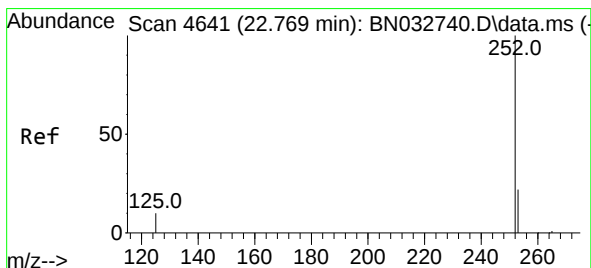
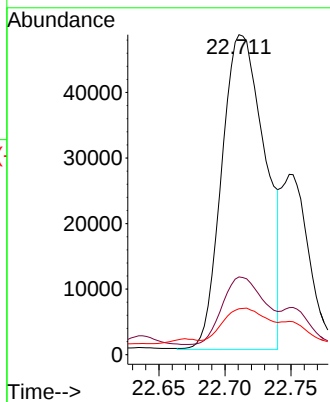
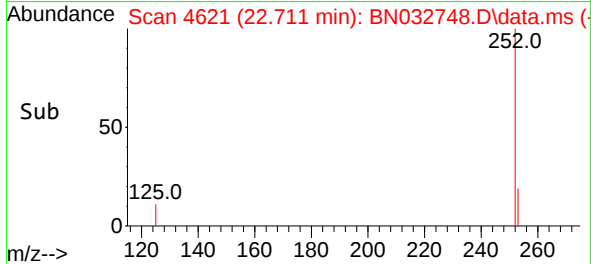
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:252 Resp: 10966
Ion Ratio Lower Upper
252 100
253 24.3 0.0 54.0
125 14.3 0.0 36.0

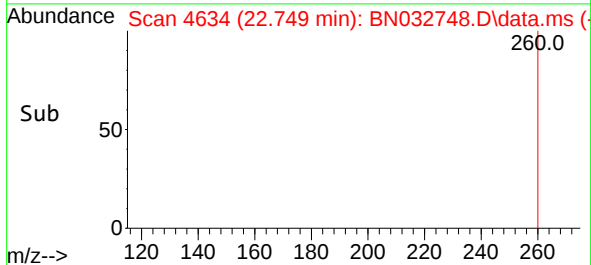
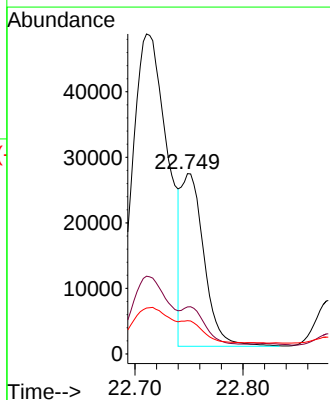
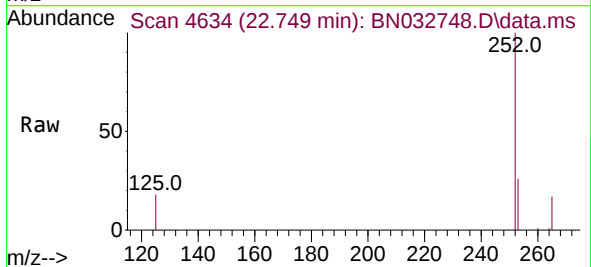
Manual Integrations
APPROVED

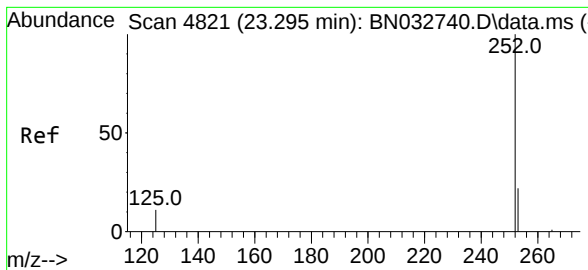
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.575 ng/ul m
RT: 22.749 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

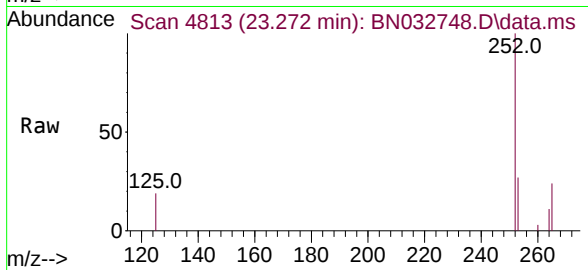
Tgt Ion:252 Resp: 39061
Ion Ratio Lower Upper
252 100
253 26.0 21.2 31.8
125 18.4 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.843 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

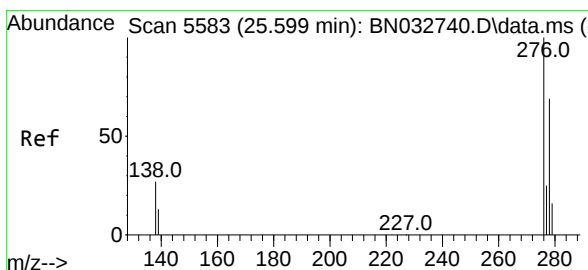
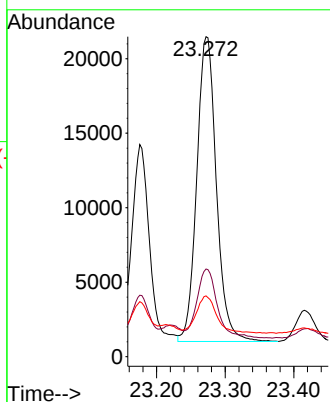
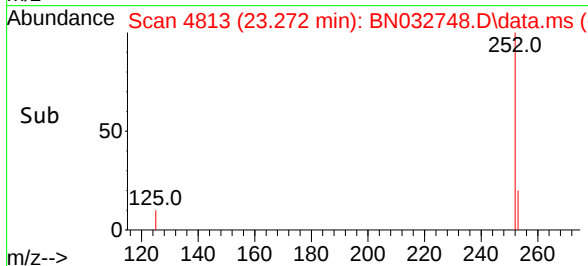
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:252 Resp: 4066
Ion Ratio Lower Upper
252 100
253 27.4 25.4 38.0
125 19.0 20.6 30.8

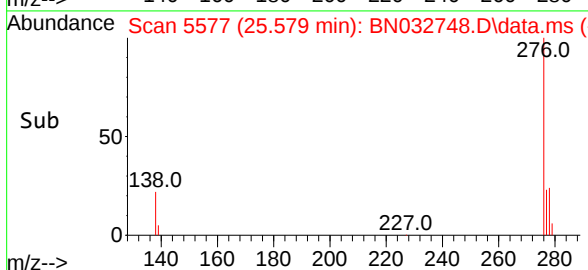
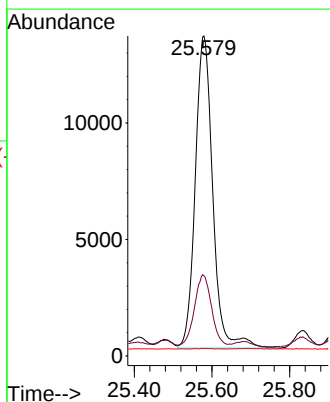
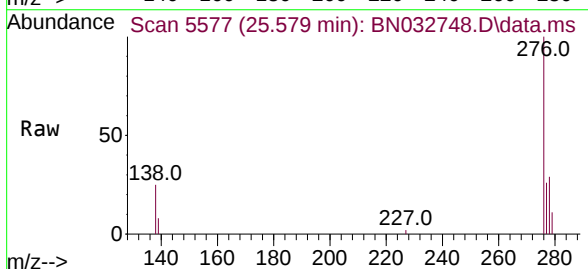
Manual Integrations
APPROVED

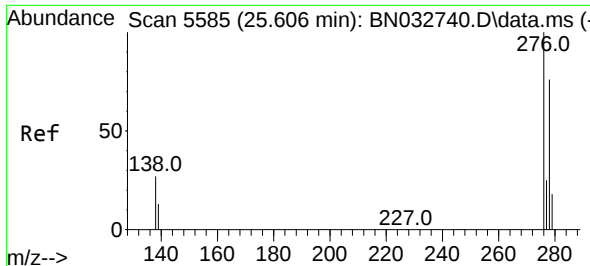
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.643 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

Tgt Ion:276 Resp: 41972
Ion Ratio Lower Upper
276 100
138 22.1 21.6 32.4
227 0.1 0.0 0.0





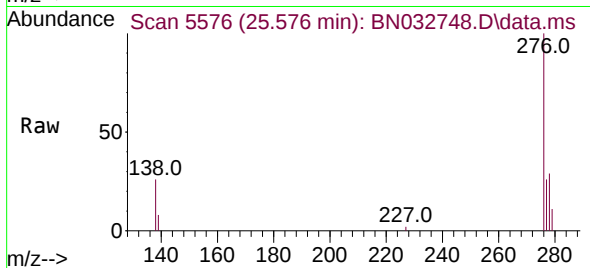
#28
Dibenzo(a,h)anthracene
Concen: 0.253 ng/ul
RT: 25.576 min Scan# 51
Delta R.T. -0.064 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30

Instrument :

BNA_N

ClientSampleId :

A4CY1DL



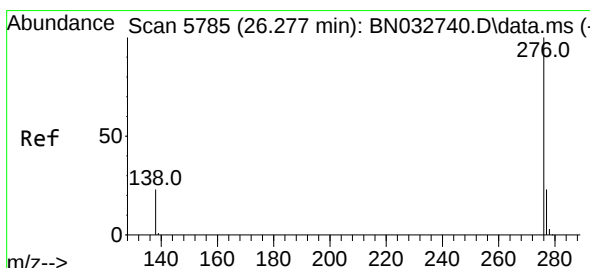
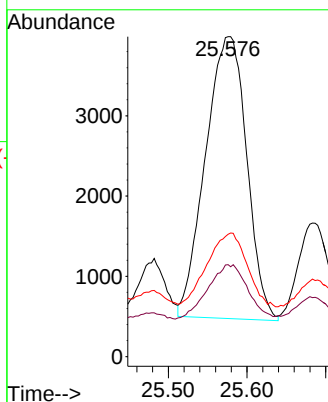
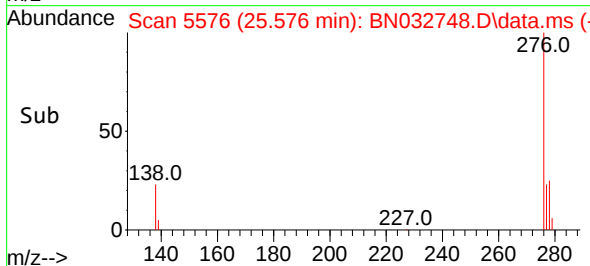
Tgt Ion:278 Resp: 1278
Ion Ratio Lower Upper
278 100
139 28.7 16.6 24.8
279 38.3 23.7 35.5

Manual Integrations

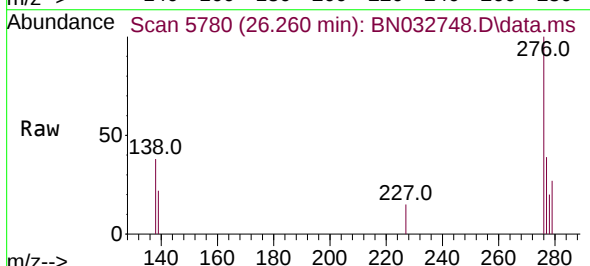
APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 26.260 min Scan# 5780
Delta R.T. -0.040 min
Lab File: BN032748.D
Acq: 16 Jul 2024 19:30



Tgt Ion:276 Resp: 5958
Ion Ratio Lower Upper
276 100
138 38.3 21.0 31.4#
277 38.9 20.6 31.0#

