

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032782.D
 Acq On : 17 Jul 2024 16:38
 Operator : MA/JU
 Sample : P3177-15DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 17:46:11 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	6908	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	16089	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	9232	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	18852	0.400	ng/ul	-0.01
17) Chrysene-d12	21.173	240	17542	0.400	ng/ul	0.00
23) Perylene-d12	23.374	264	21055m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4011	0.484	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	847	0.035	ng/ul	-0.01
18) Fluoranthene-d10	18.994	212	2025	0.035	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.365	128	3982	0.092	ng/ul#	95
7) 2-Methylnaphthalene	11.999	142	1620	0.060	ng/ul	95
8) 1-Methylnaphthalene	12.219	142	1444	0.052	ng/ul	100
10) Acenaphthylene	13.915	152	5372	0.144	ng/ul#	94
11) Acenaphthene	14.258	153	11156	0.362	ng/ul	99
12) Fluorene	15.252	166	15369	0.436	ng/ul	99
15) Phenanthrene	16.995	178	268813	5.236	ng/ul	98
16) Anthracene	17.088	178	56872	1.356	ng/ul	99
19) Fluoranthene	19.027	202	433521	6.078	ng/ul	98
20) Pyrene	19.394	202	227455	3.081	ng/ul	97
21) Benzo(a)anthracene	21.159	228	186154	3.334	ng/ul	99
22) Chrysene	21.208	228	184772	2.287	ng/ul	98
24) Benzo(b)fluoranthene	22.716	252	232107m	3.124	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	93844m	1.037	ng/ul	
26) Benzo(a)pyrene	23.275	252	62087	0.966	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.586	276	62321	0.716	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.582	278	28980	0.429	ng/ul#	86
29) Benzo(g,h,i)perylene	26.263	276	8589	0.118	ng/ul#	65

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

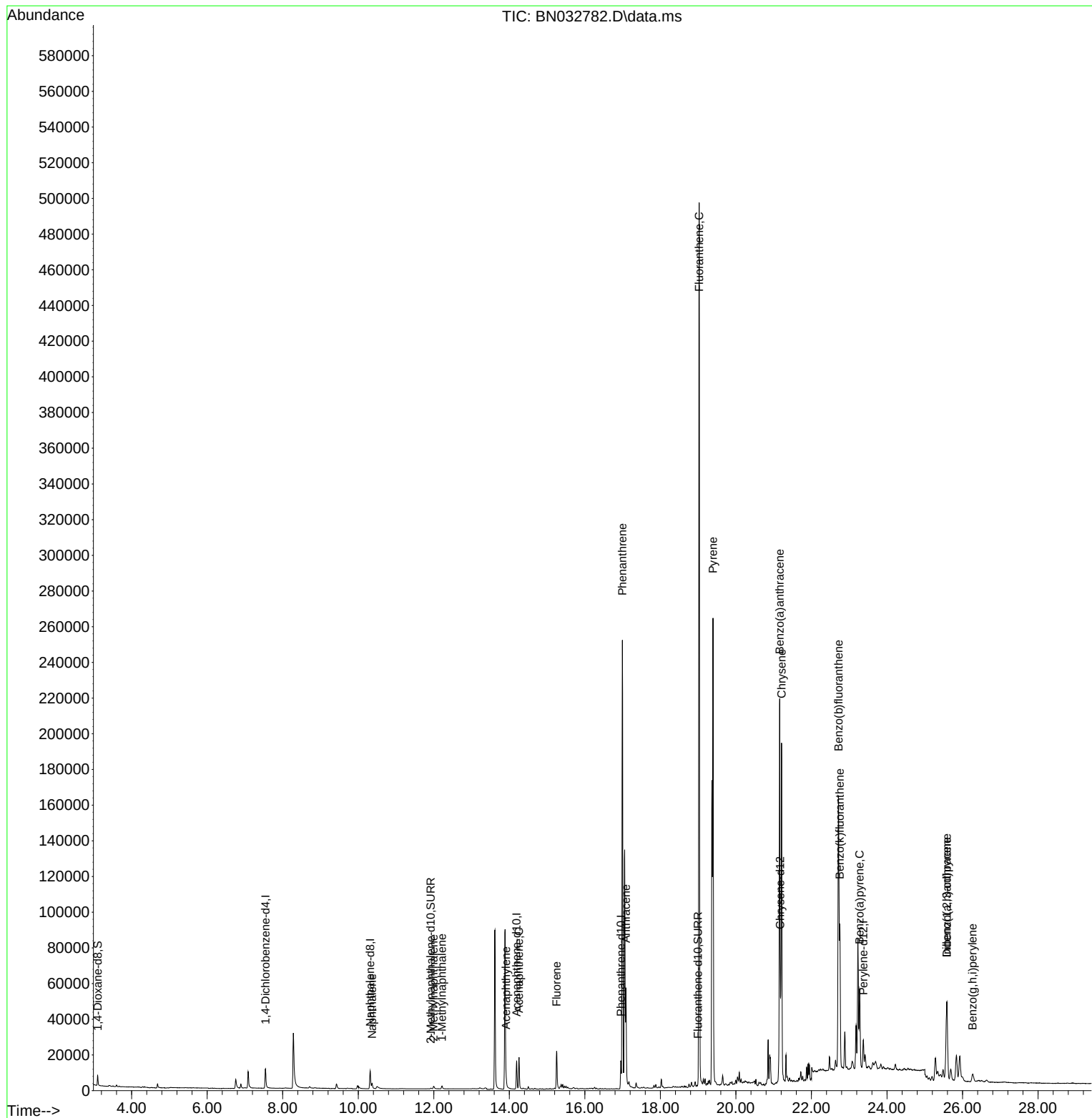
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032782.D
Acq On : 17 Jul 2024 16:38
Operator : MA/JU
Sample : P3177-15DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

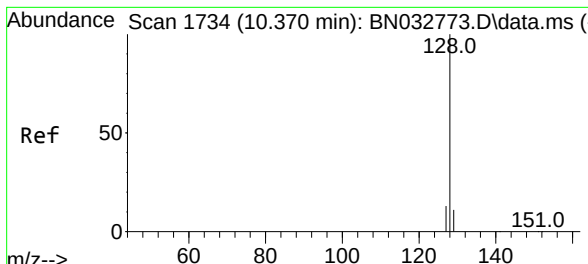
Instrument :
BNA_N
ClientSampleId :
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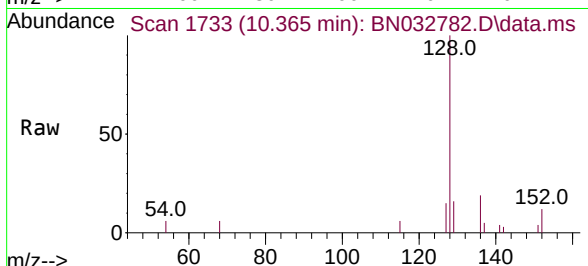
Quant Time: Jul 17 17:46:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

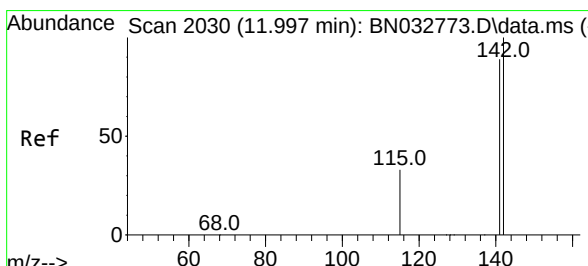
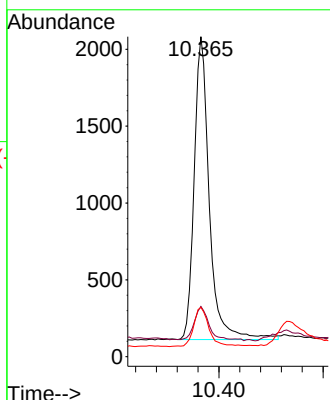
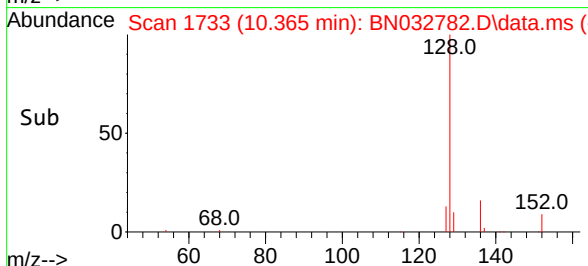
Instrument :
BNA_N
ClientSampleId :
A4BY1DL



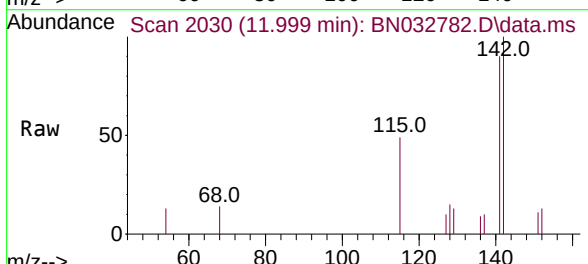
Tgt Ion:128 Resp: 3982
Ion Ratio Lower Upper
128 100
129 15.7 10.0 15.0
127 15.4 11.6 17.4

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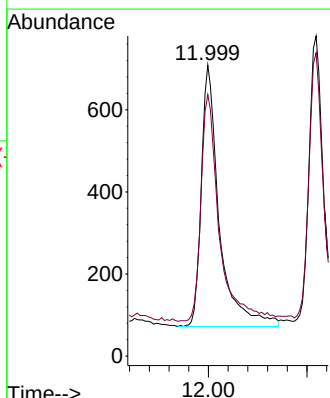
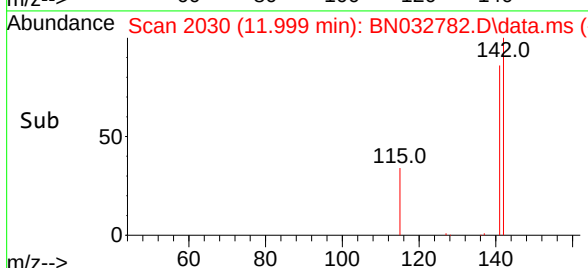
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

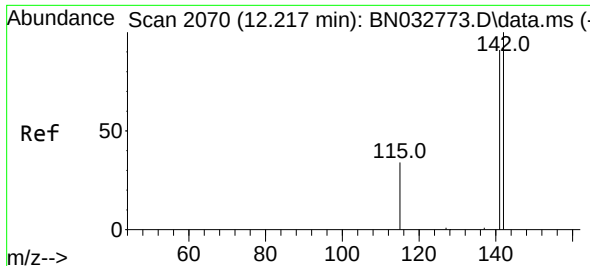


#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38



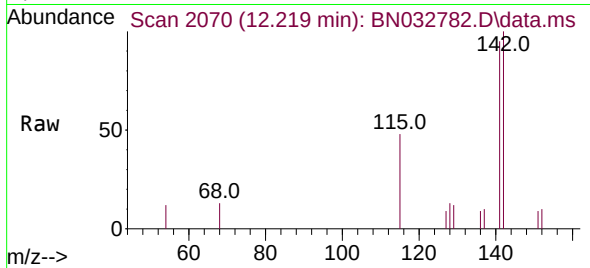
Tgt Ion:142 Resp: 1620
Ion Ratio Lower Upper
142 100
141 87.5 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

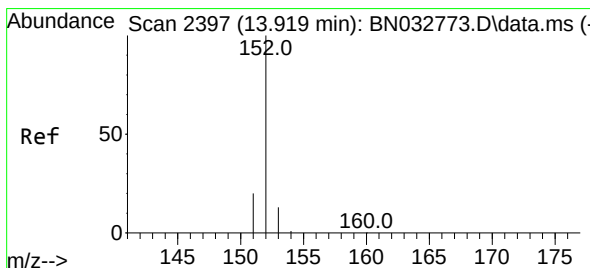
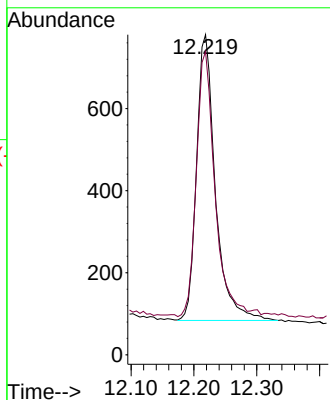
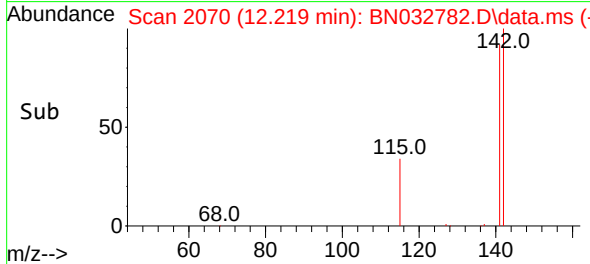
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
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141 93.4 75.0 112.4

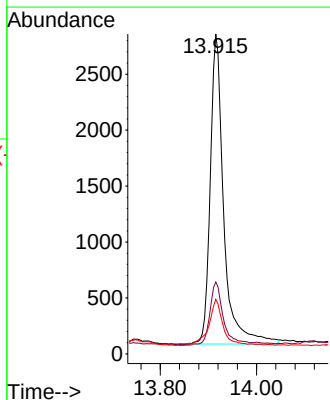
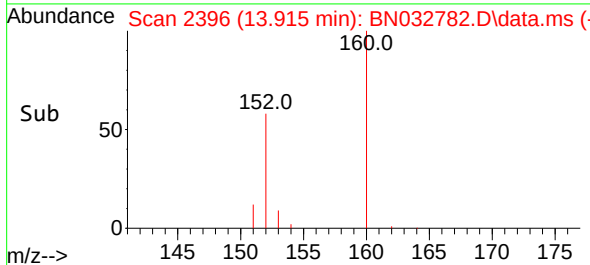
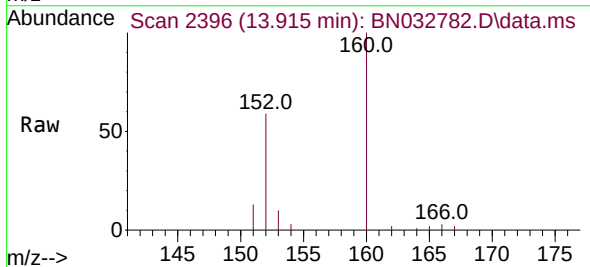
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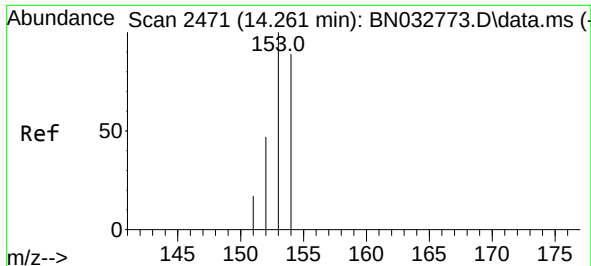
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

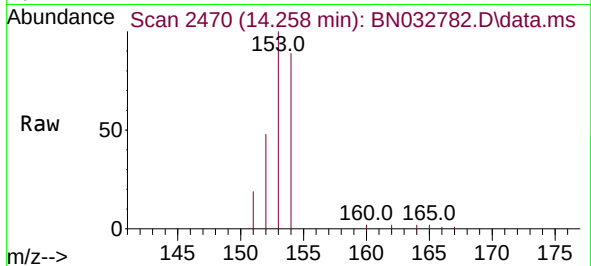
Tgt Ion:152 Resp: 5372
Ion Ratio Lower Upper
152 100
151 22.5 16.3 24.5
153 17.1 11.3 16.9#





#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

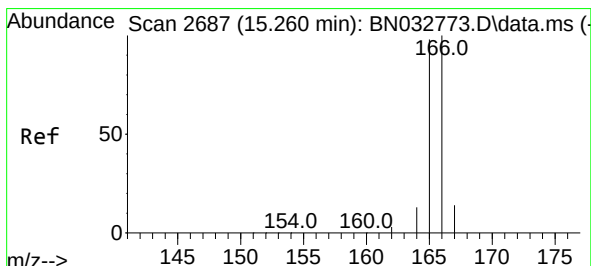
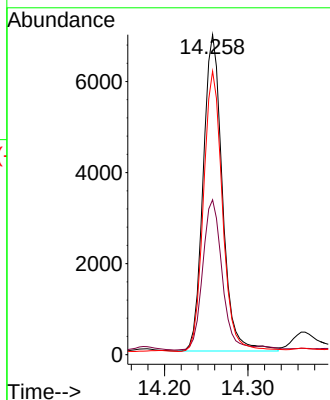
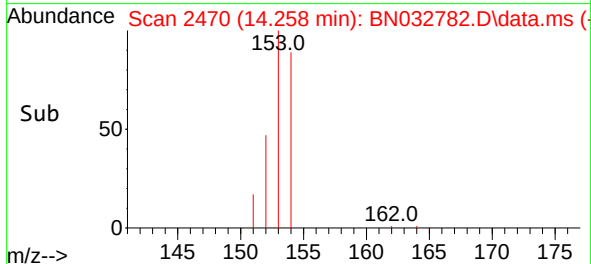
Instrument :
BNA_N
ClientSampleId :
A4BY1DL



Tgt Ion:153 Resp: 11150
Ion Ratio Lower Upper
153 100
152 48.4 40.0 60.0
154 88.6 70.2 105.4

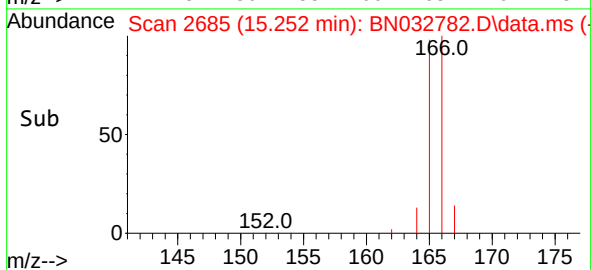
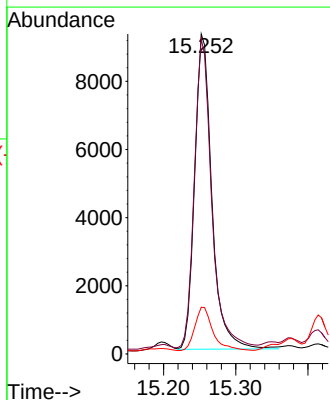
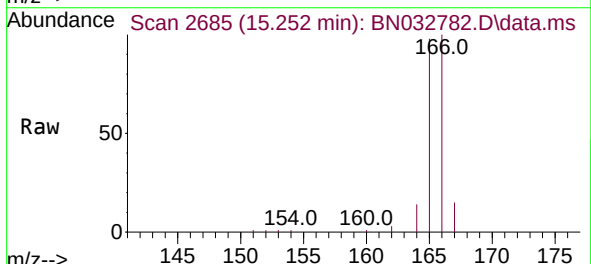
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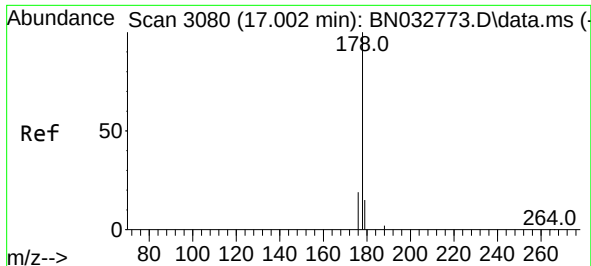
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.436 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

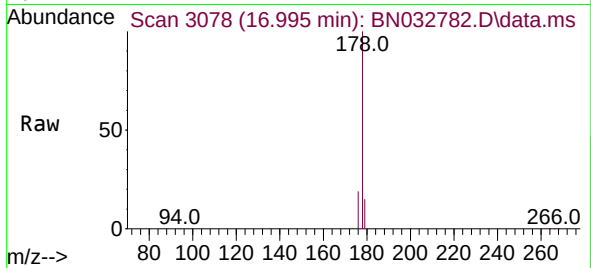
Tgt Ion:166 Resp: 15369
Ion Ratio Lower Upper
166 100
165 98.5 79.7 119.5
167 14.6 11.4 17.2





#15
Phenanthrene
Concen: 5.236 ng/ul
RT: 16.995 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

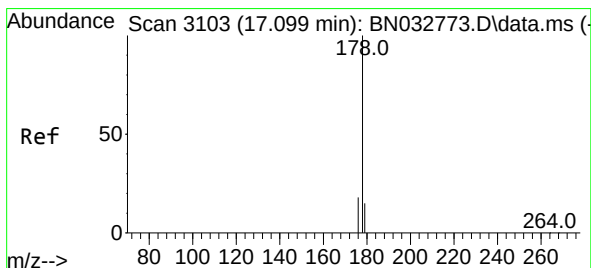
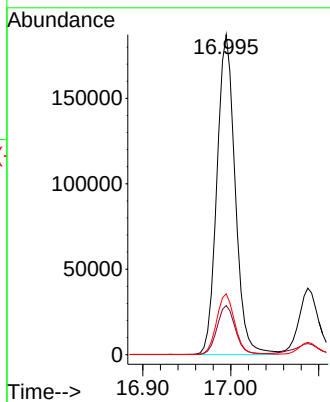
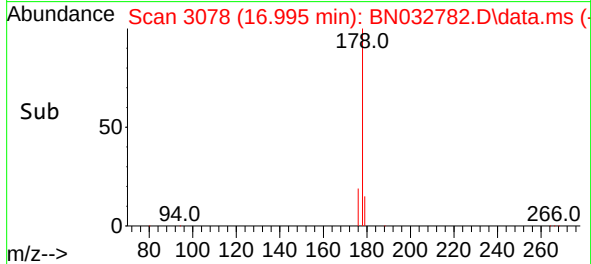
Instrument :
BNA_N
ClientSampleId :
A4BY1DL



Tgt Ion:178 Resp: 26881
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.0 15.6 23.4

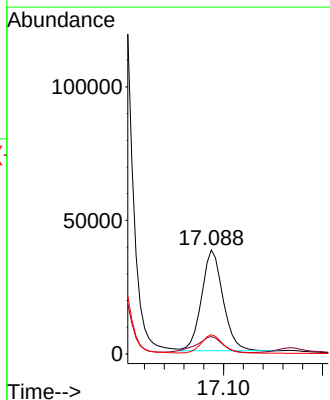
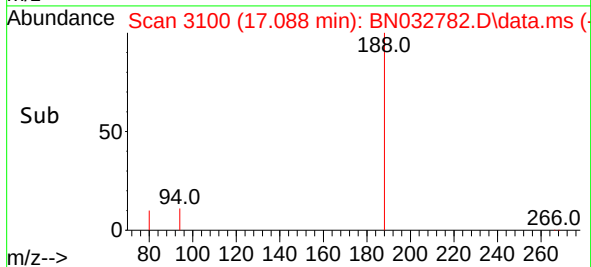
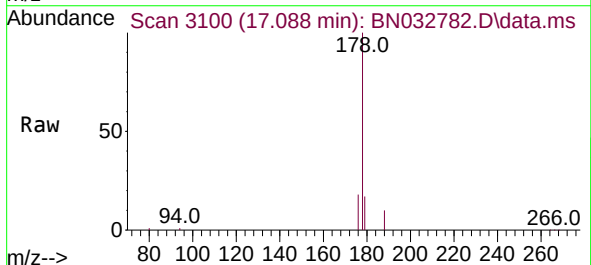
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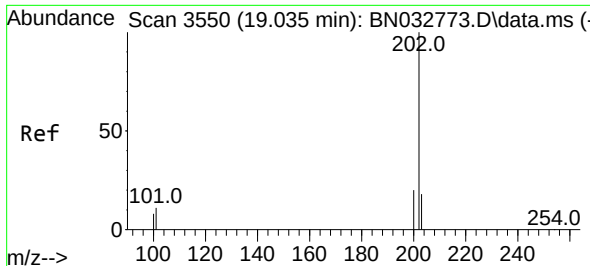
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 1.356 ng/ul
RT: 17.088 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

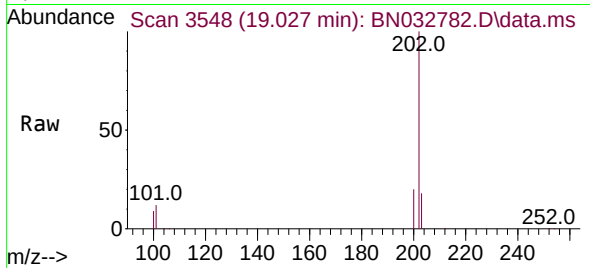
Tgt Ion:178 Resp: 56872
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.2
176 18.5 15.4 23.0





#19
Fluoranthene
Concen: 6.078 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

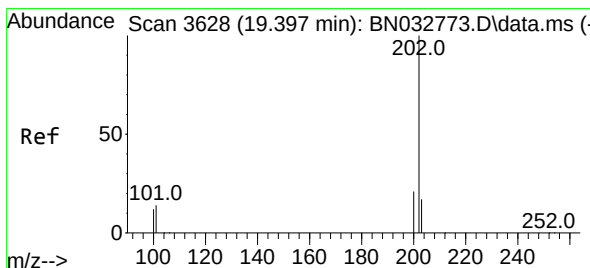
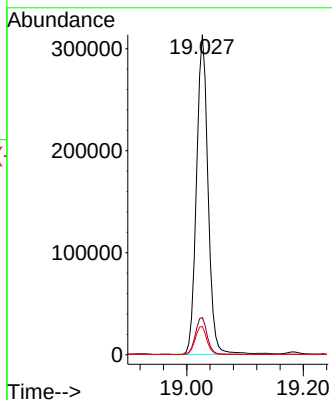
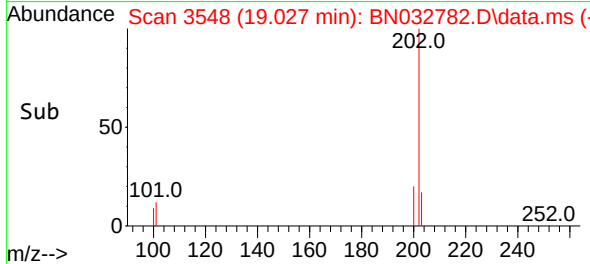
Instrument :
BNA_N
ClientSampleId :
A4BY1DL



Tgt Ion:202 Resp: 43352
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.8 7.9 11.9

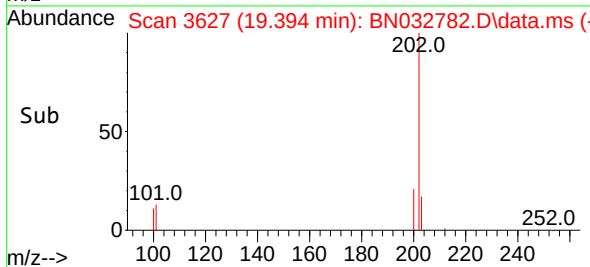
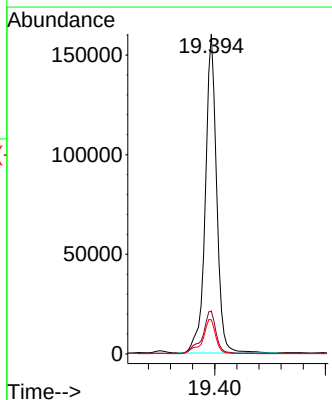
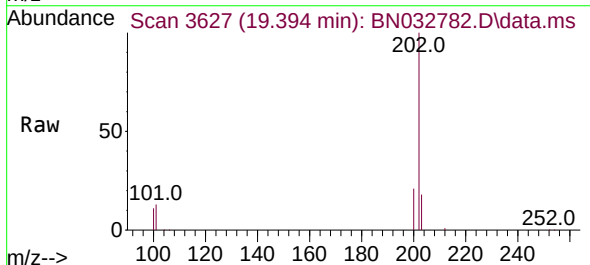
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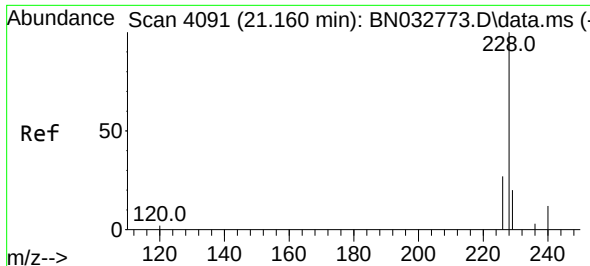
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 3.081 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

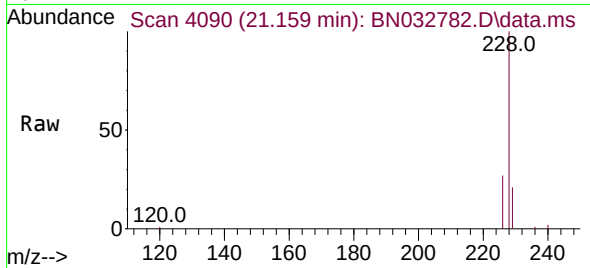
Tgt Ion:202 Resp: 227455
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.334 ng/u1
RT: 21.159 min Scan# 4091
Delta R.T. -0.000 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

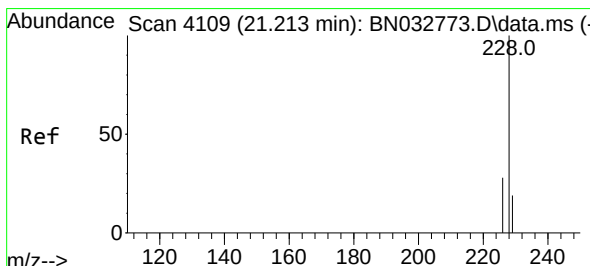
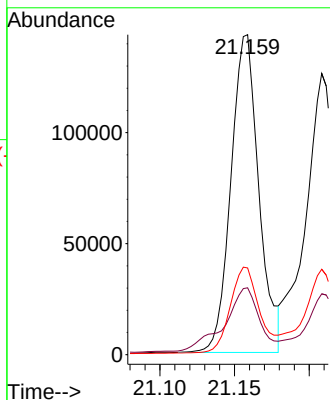
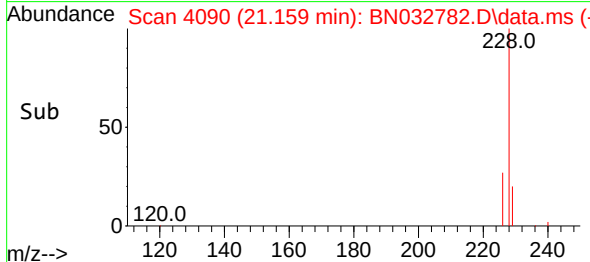
Instrument :
BNA_N
ClientSampleId :
A4BY1DL



Tgt Ion:228 Resp: 186154
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.1 21.9 32.9

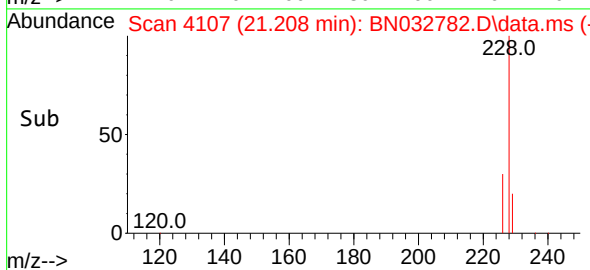
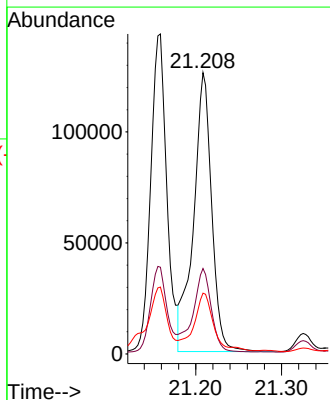
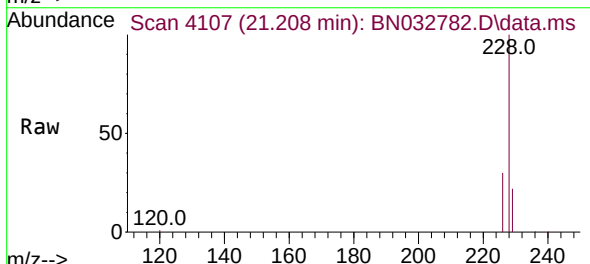
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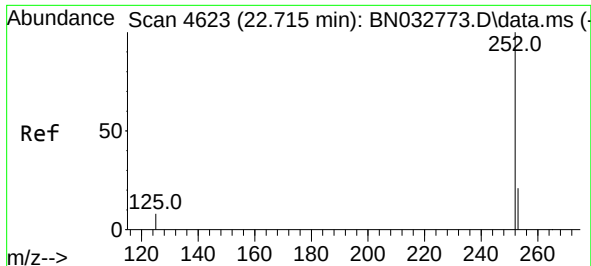
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 2.287 ng/u1
RT: 21.208 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

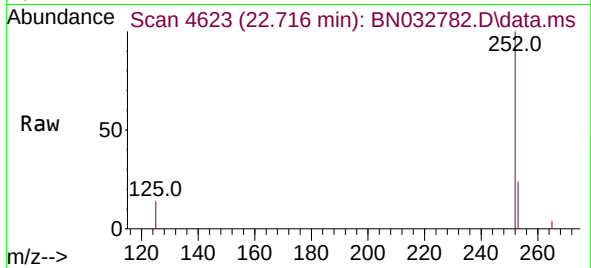
Tgt Ion:228 Resp: 184772
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.124 ng/ul m
RT: 22.716 min Scan# 4623
Delta R.T. 0.006 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

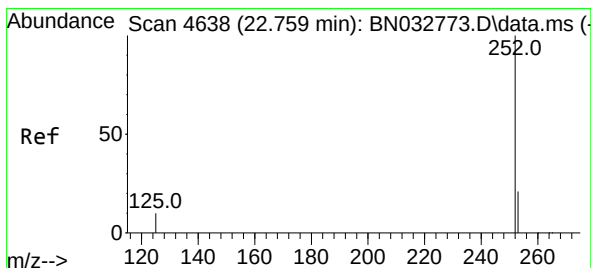
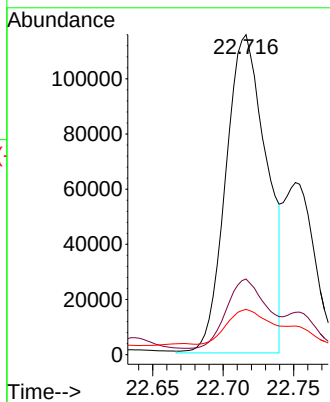
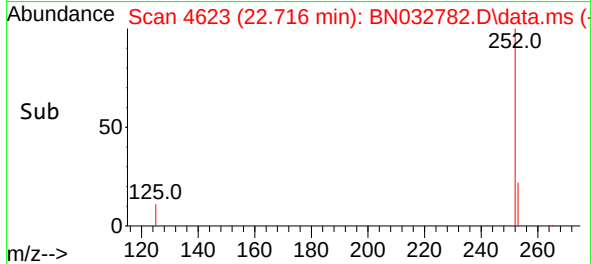
Instrument :
BNA_N
ClientSampleId :
A4BY1DL



Tgt Ion:252 Resp: 23210
Ion Ratio Lower Upper
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253 23.7 0.0 54.0
125 14.1 0.0 36.0

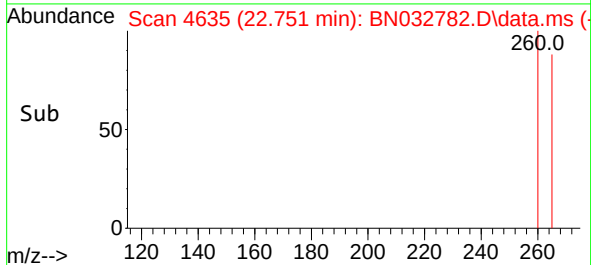
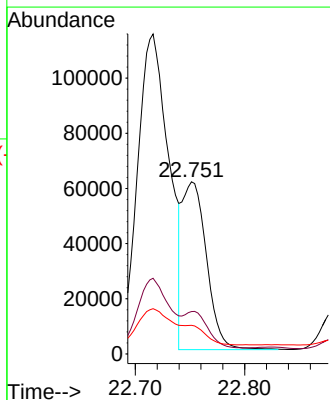
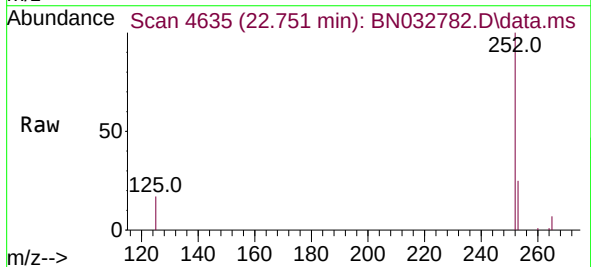
Manual Integrations
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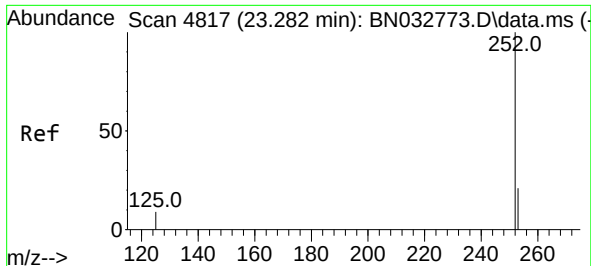
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 1.037 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

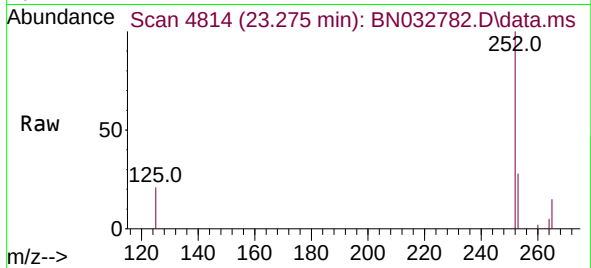
Tgt Ion:252 Resp: 93844
Ion Ratio Lower Upper
252 100
253 24.6 21.2 31.8
125 16.7 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.966 ng/ul
RT: 23.275 min Scan# 4817
Delta R.T. -0.003 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

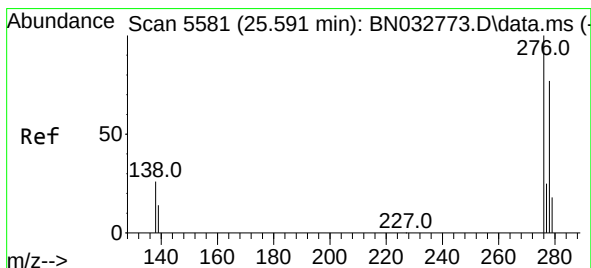
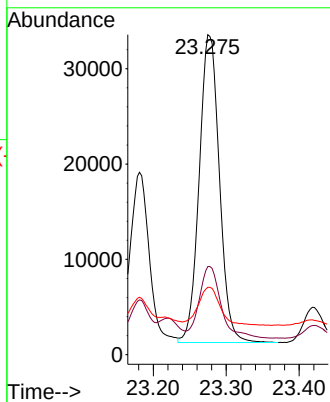
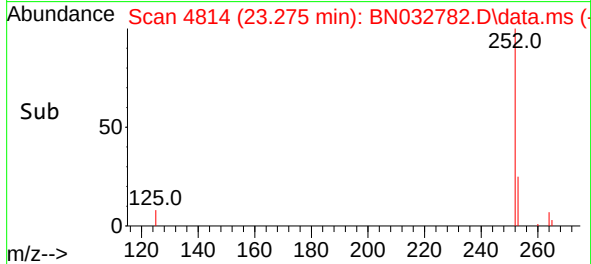
Instrument :
BNA_N
ClientSampleId :
A4BY1DL



Tgt Ion:252 Resp: 6208
Ion Ratio Lower Upper
252 100
253 27.5 25.4 38.0
125 21.1 20.6 30.8

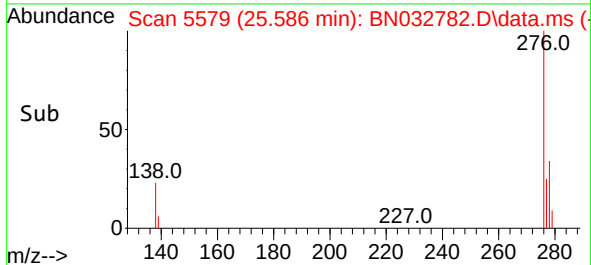
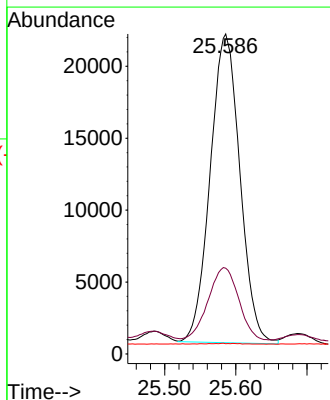
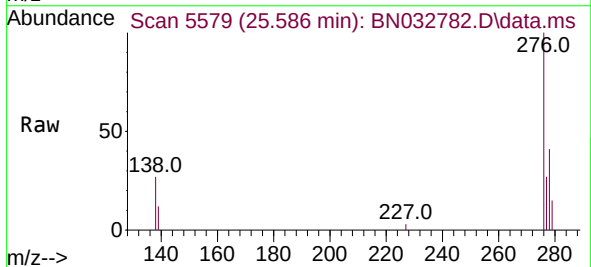
Manual Integrations
APPROVED

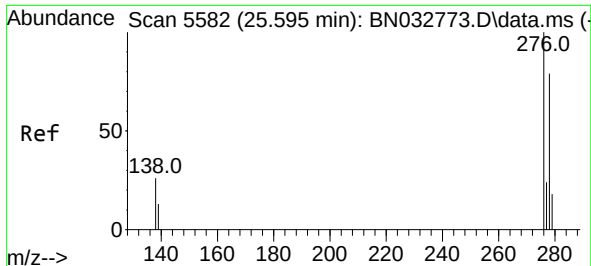
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.716 ng/ul
RT: 25.586 min Scan# 5579
Delta R.T. 0.003 min
Lab File: BN032782.D
Acq: 17 Jul 2024 16:38

Tgt Ion:276 Resp: 62321
Ion Ratio Lower Upper
276 100
138 24.3 21.6 32.4
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.429 ng/ul

RT: 25.582 min Scan# 5578

Delta R.T. -0.007 min

Lab File: BN032782.D

Acq: 17 Jul 2024 16:38

Instrument :

BNA_N

ClientSampleId :

A4BY1DL

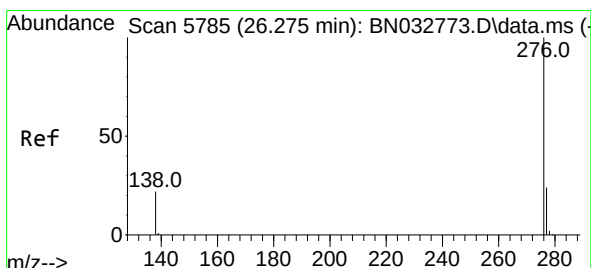
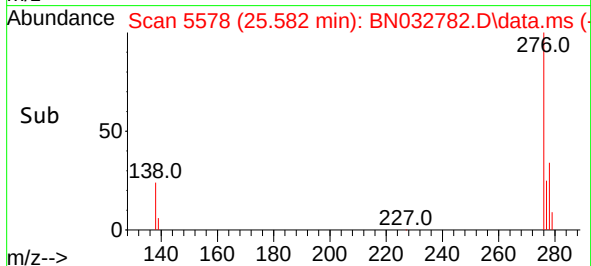
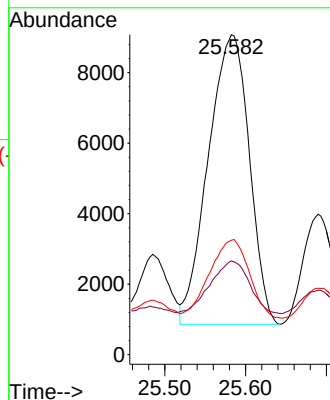
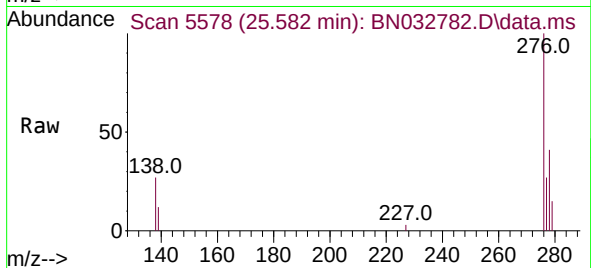
Tgt Ion:278 Resp: 28980
 Ion Ratio Lower Upper
 278 100
 139 29.3 16.6 24.8#
 279 35.8 23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29

Benzo(g,h,i)perylene

Concen: 0.118 ng/ul

RT: 26.263 min Scan# 5781

Delta R.T. 0.003 min

Lab File: BN032782.D

Acq: 17 Jul 2024 16:38

Tgt Ion:276 Resp: 8589
 Ion Ratio Lower Upper
 276 100
 138 46.1 21.0 31.4#
 277 41.9 20.6 31.0#

