

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032944.D
 Acq On : 24 Jul 2024 12:23
 Operator : MA/JU
 Sample : P3215-01DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BD3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 13:15:37 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	5351	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	18371	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.175	164	9863	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	16059	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	12831	0.400	ng/ul	# 0.00
23) Perylene-d12	23.354	264	15906	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	5713	0.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	1913	0.069	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	2909	0.070	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.338	128	1020	0.021	ng/ul#	73
10) Acenaphthylene	13.892	152	3284	0.082	ng/ul#	92
11) Acenaphthene	14.235	153	1907	0.058	ng/ul	99
12) Fluorene	15.234	166	2324	0.062	ng/ul#	98
15) Phenanthrene	16.978	178	50779	1.161	ng/ul	99
16) Anthracene	17.071	178	10779	0.302	ng/ul#	96
19) Fluoranthene	19.013	202	105916	2.030	ng/ul	98
20) Pyrene	19.380	202	61794	1.144	ng/ul	98
21) Benzo(a)anthracene	21.144	228	49160	1.204	ng/ul	98
22) Chrysene	21.197	228	47393	0.802	ng/ul	98
24) Benzo(b)fluoranthene	22.696	252	72472m	1.291	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	25622m	0.375	ng/ul	
26) Benzo(a)pyrene	23.257	252	19228	0.396	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.566	276	22525	0.343	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.559	278	8542	0.168	ng/ul#	49
29) Benzo(g,h,i)perylene	26.247	276	3138	0.057	ng/ul#	4

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

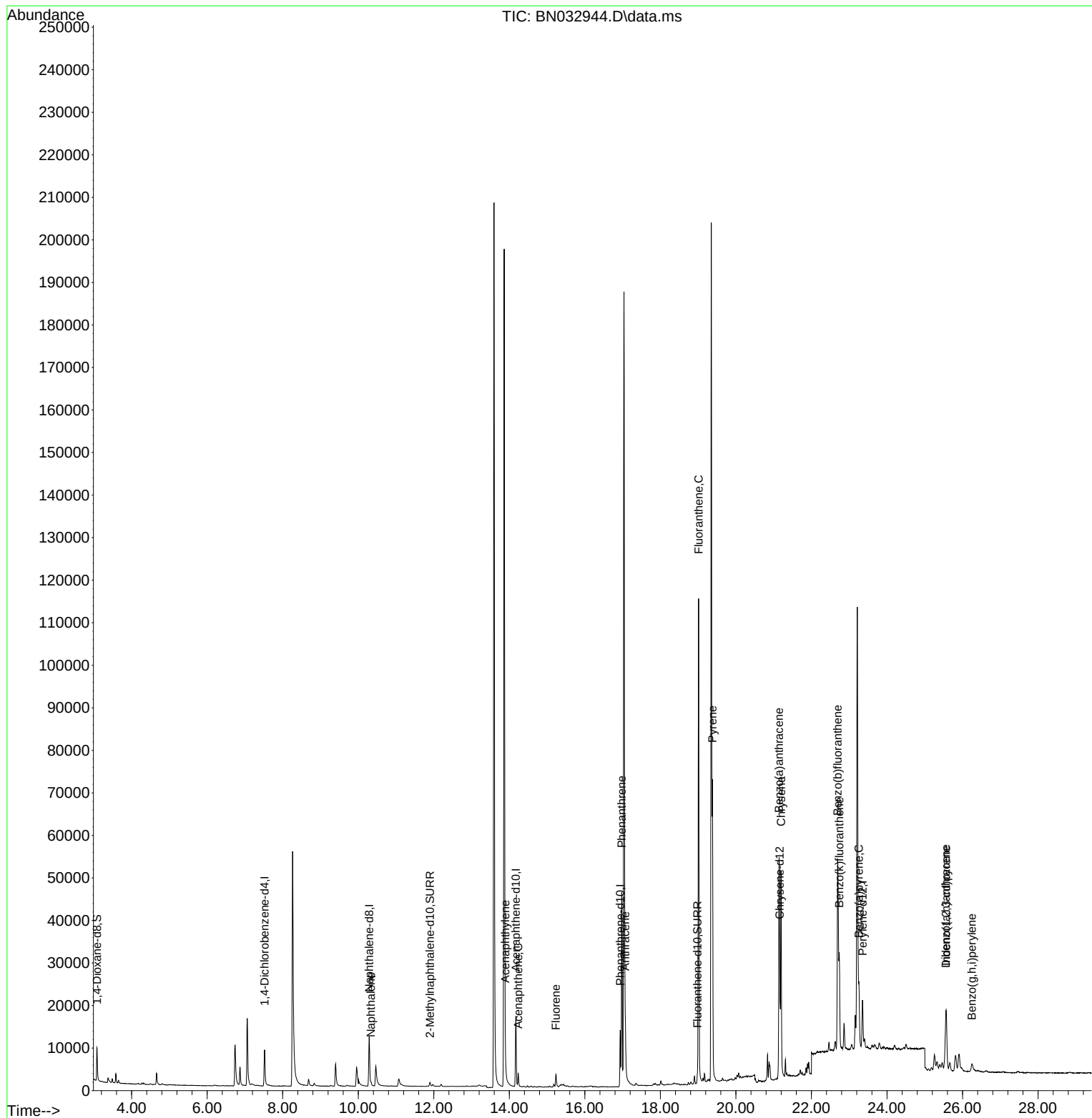
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032944.D
Acq On : 24 Jul 2024 12:23
Operator : MA/JU
Sample : P3215-01DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

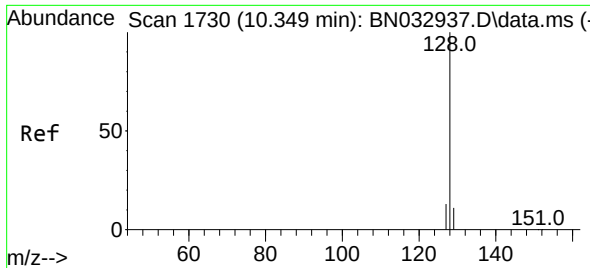
Instrument :
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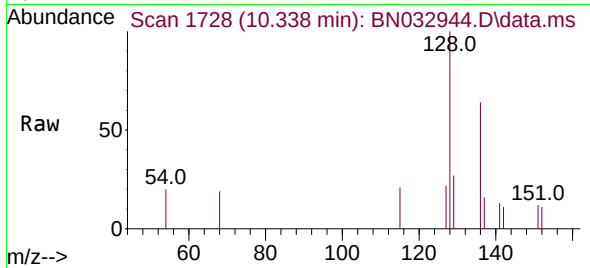
Quant Time: Jul 24 13:15:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/u1
RT: 10.338 min Scan# 1728
Delta R.T. -0.026 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

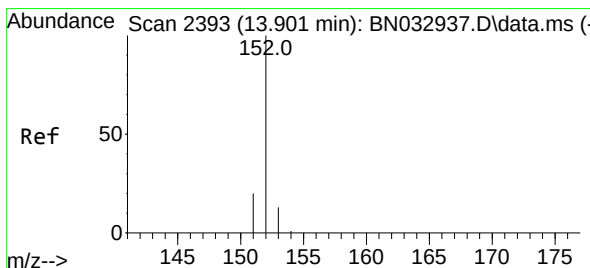
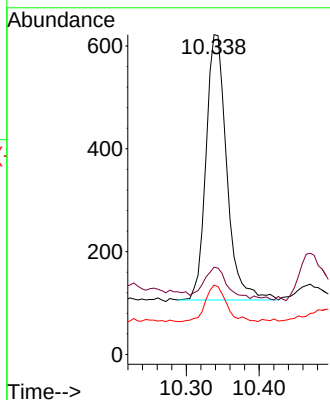
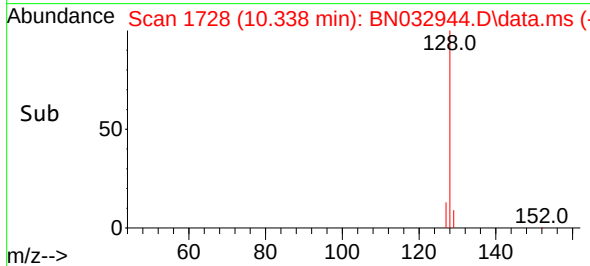
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



Tgt Ion:128 Resp: 1020
Ion Ratio Lower Upper
128 100
129 27.3 10.0 15.0
127 21.7 11.6 17.4

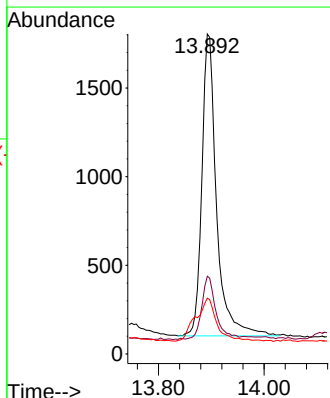
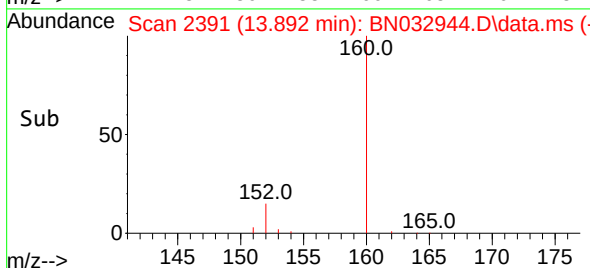
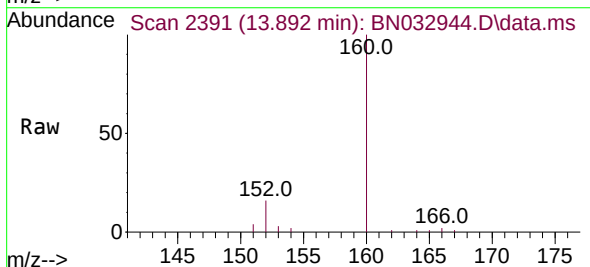
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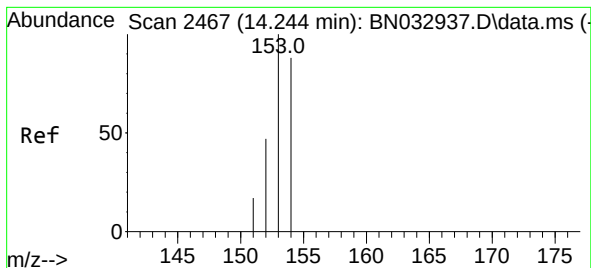
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.082 ng/u1
RT: 13.892 min Scan# 2391
Delta R.T. -0.021 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

Tgt Ion:152 Resp: 3284
Ion Ratio Lower Upper
152 100
151 24.3 16.3 24.5
153 17.5 11.3 16.9





#11

Acenaphthene

Concen: 0.058 ng/ul

RT: 14.235 min Scan# 2465

Delta R.T. -0.017 min

Lab File: BN032944.D

Acq: 24 Jul 2024 12:23

Instrument :

BNA_N

ClientSampleId :

A4BD3DL

Tgt Ion:153 Resp: 190

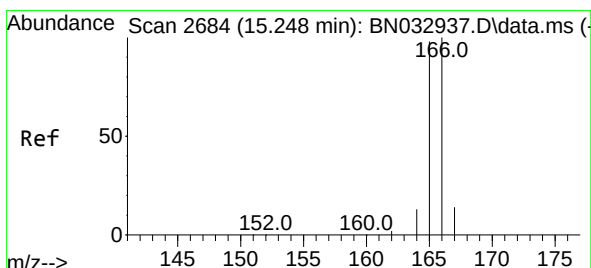
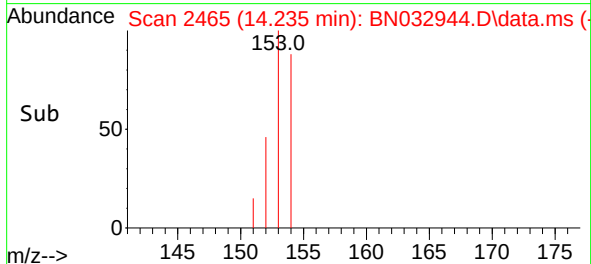
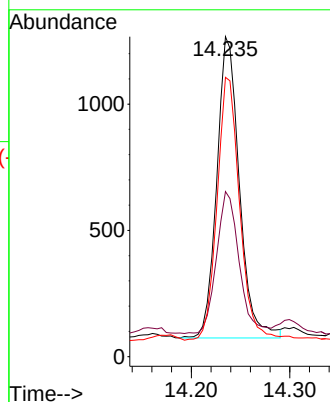
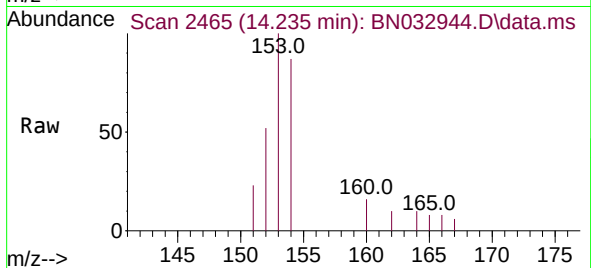
Ion	Ratio	Lower	Upper
153	100		
152	51.6	40.0	60.0
154	87.3	70.2	105.4

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#12

Fluorene

Concen: 0.062 ng/ul

RT: 15.234 min Scan# 2681

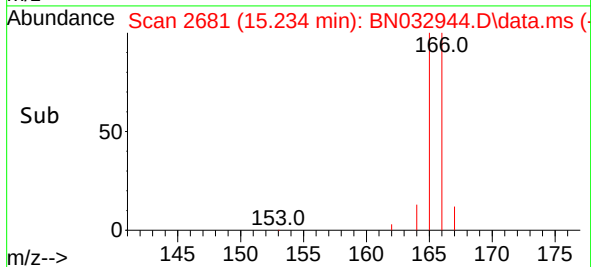
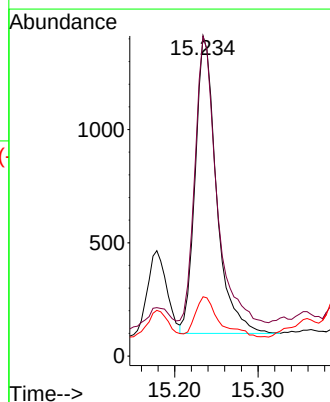
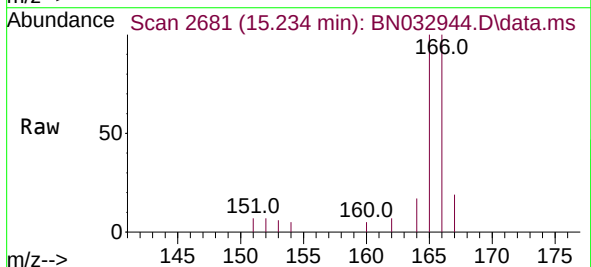
Delta R.T. -0.026 min

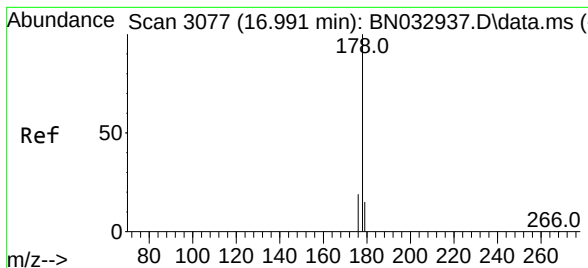
Lab File: BN032944.D

Acq: 24 Jul 2024 12:23

Tgt Ion:166 Resp: 2324

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.7	119.5
167	18.5	11.4	17.2





#15

Phenanthrene

Concen: 1.161 ng/ul

RT: 16.978 min Scan# 3077

Delta R.T. -0.024 min

Lab File: BN032944.D

Acq: 24 Jul 2024 12:23

Instrument :

BNA_N

ClientSampleId :

A4BD3DL

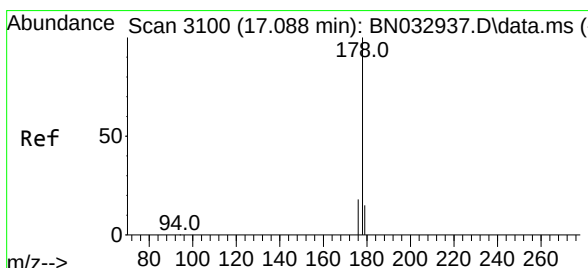
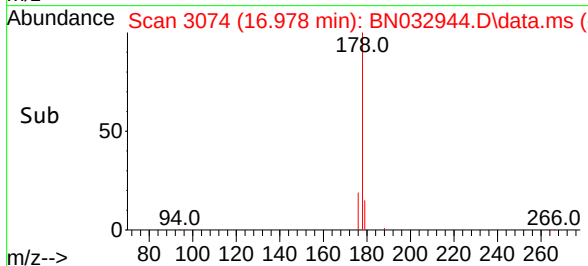
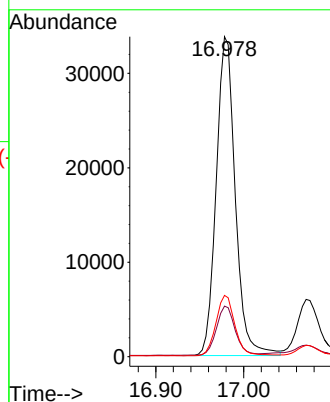
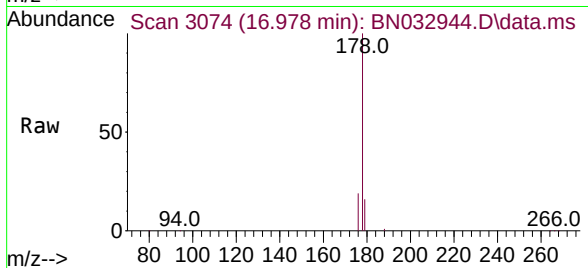
Tgt Ion:	178	Resp:	50779
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.4
176	19.1	15.6	23.4

Manual Integrations

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#16

Anthracene

Concen: 0.302 ng/ul

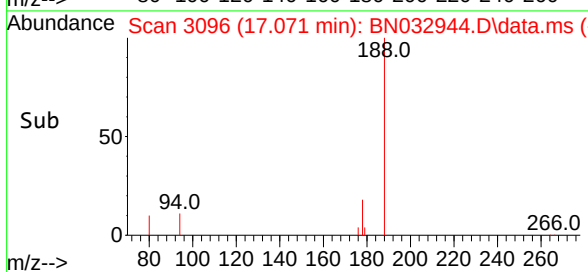
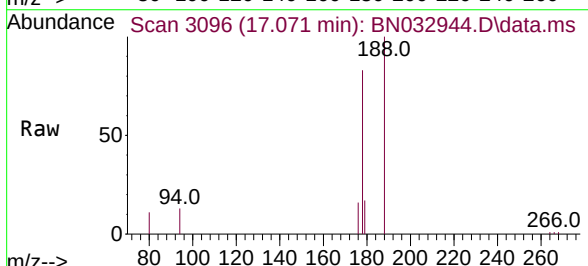
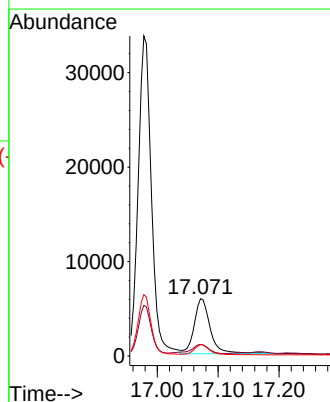
RT: 17.071 min Scan# 3096

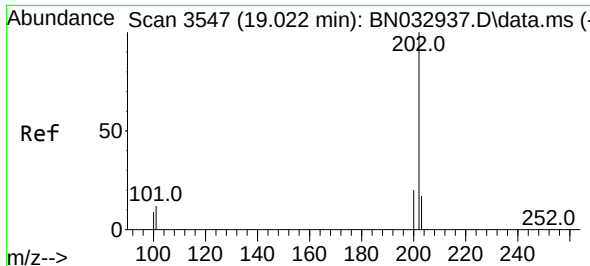
Delta R.T. -0.028 min

Lab File: BN032944.D

Acq: 24 Jul 2024 12:23

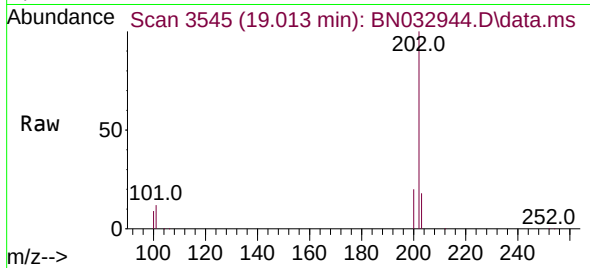
Tgt Ion:	178	Resp:	10779
Ion Ratio	Lower	Upper	
178	100		
179	20.2	13.4	20.2#
176	19.8	15.4	23.0





#19
Fluoranthene
Concen: 2.030 ng/ul
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

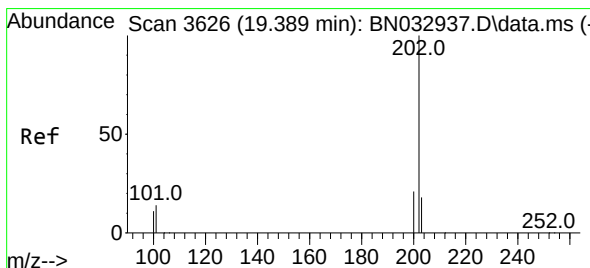
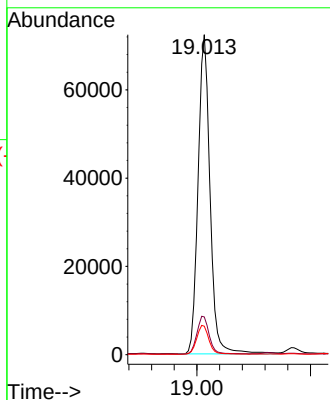
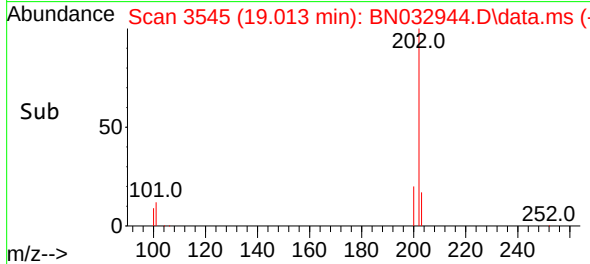
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



Tgt Ion:202 Resp: 105910
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.9 7.9 11.9

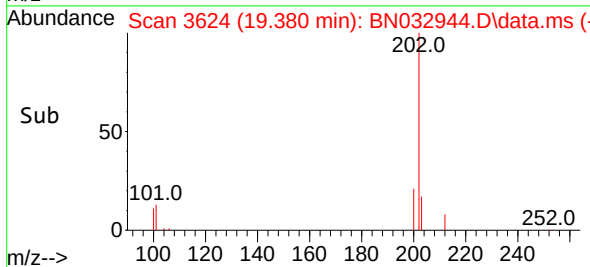
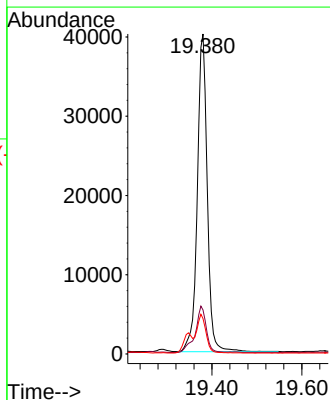
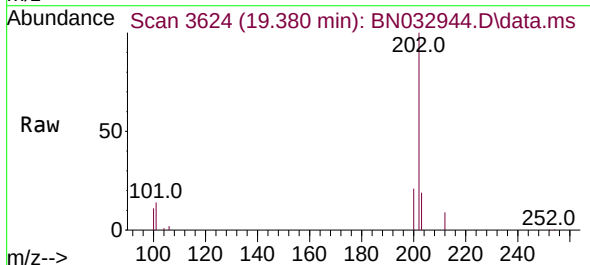
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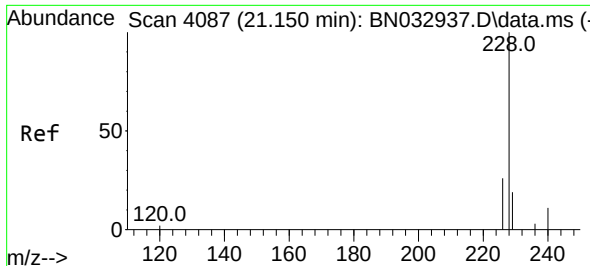
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 1.144 ng/ul
RT: 19.380 min Scan# 3624
Delta R.T. -0.012 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

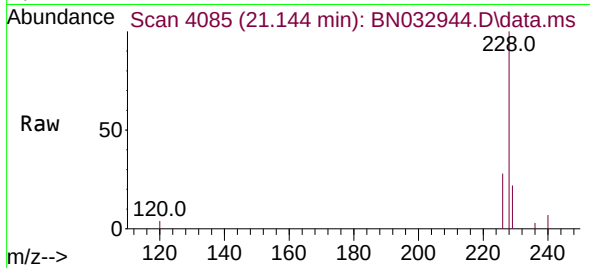
Tgt Ion:202 Resp: 61794
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.204 ng/u1
RT: 21.144 min Scan# 4087
Delta R.T. -0.006 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

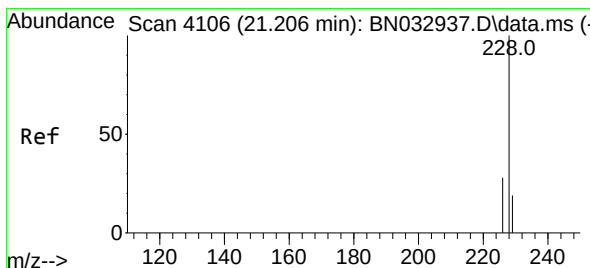
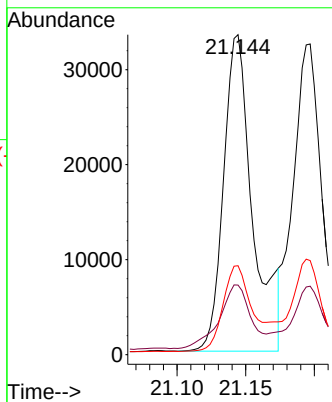
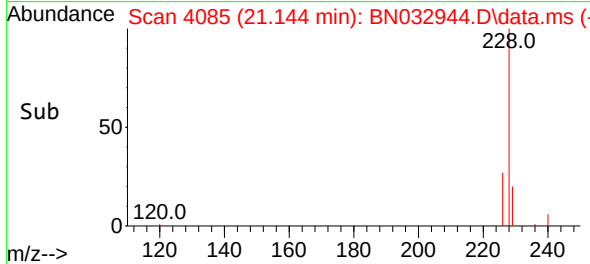
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



Tgt Ion:228 Resp: 49160
Ion Ratio Lower Upper
228 100
229 21.8 16.1 24.1
226 27.8 21.9 32.9

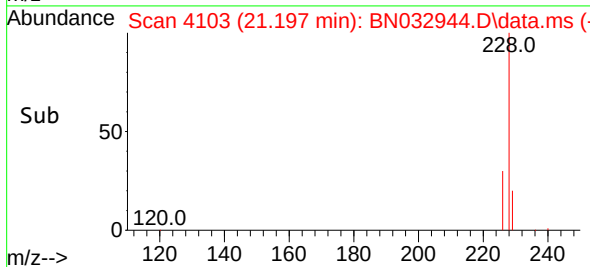
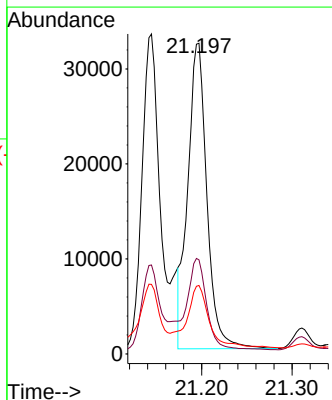
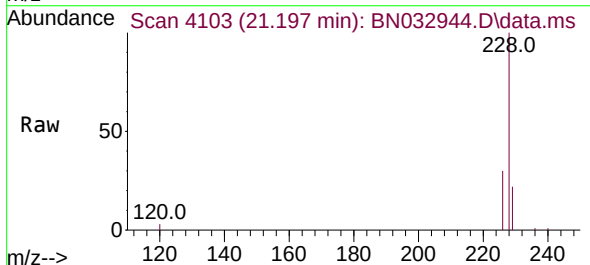
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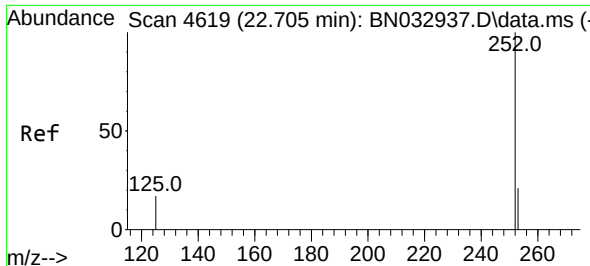
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.802 ng/u1
RT: 21.197 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

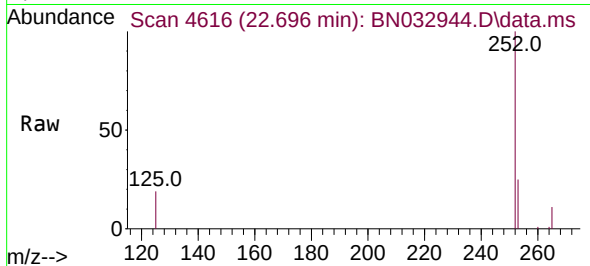
Tgt Ion:228 Resp: 47393
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.291 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.003 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

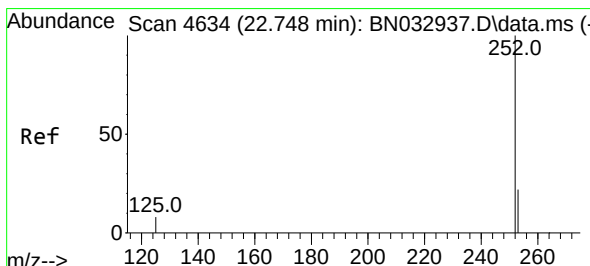
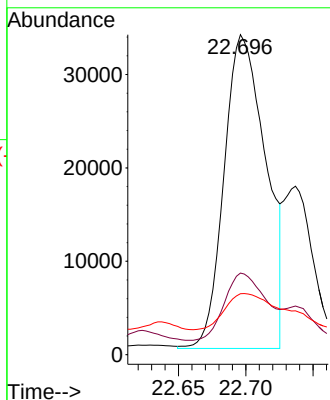
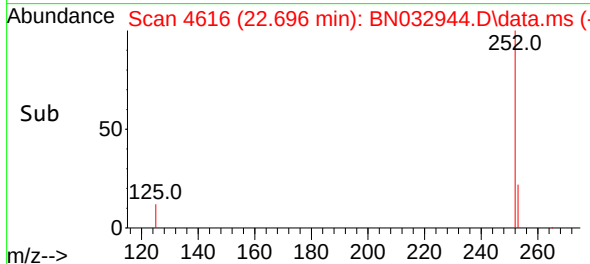
Instrument :
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ClientSampleId :
A4BD3DL



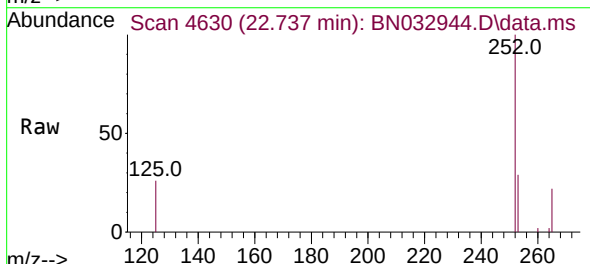
Tgt Ion:252 Resp: 72472
Ion Ratio Lower Upper
252 100
253 25.5 0.0 54.0
125 19.1 0.0 36.0

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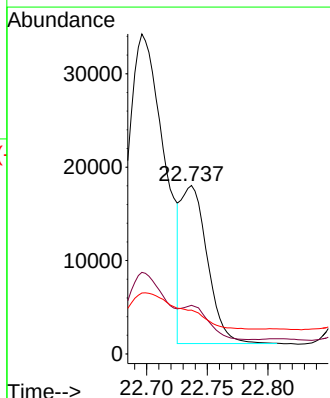
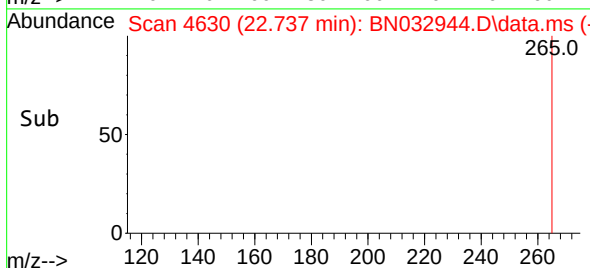
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

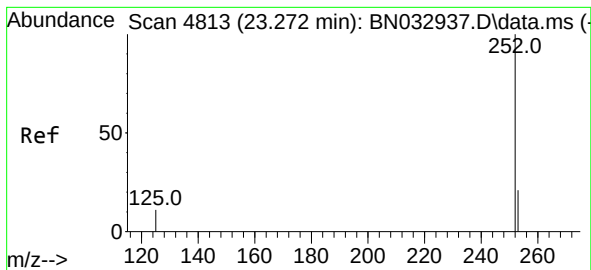


#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul m
RT: 22.737 min Scan# 4630
Delta R.T. -0.003 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23



Tgt Ion:252 Resp: 25622
Ion Ratio Lower Upper
252 100
253 28.9 21.2 31.8
125 26.1 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.257 min Scan# 4808

Delta R.T. -0.006 min

Lab File: BN032944.D

Acq: 24 Jul 2024 12:23

Instrument :

BNA_N

ClientSampleId :

A4BD3DL

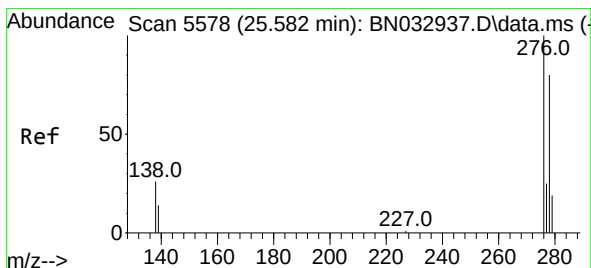
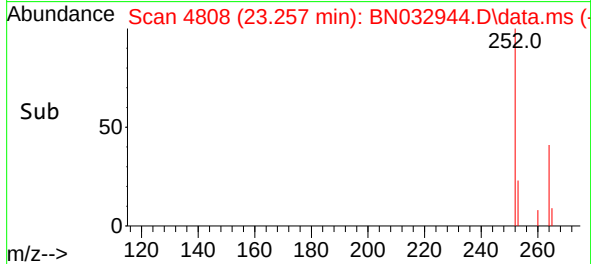
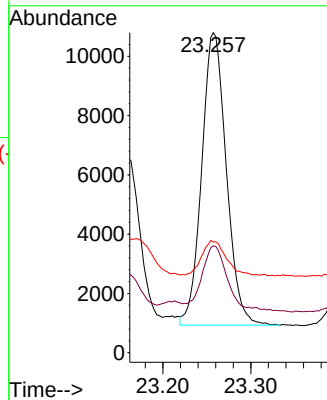
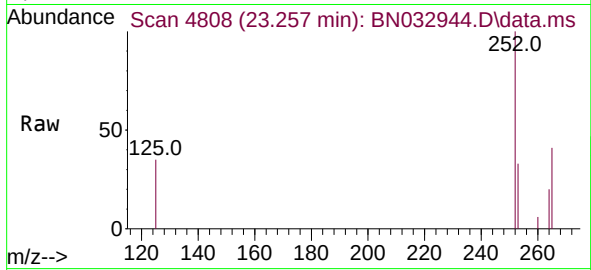
Tgt Ion:	252	Resp:	19228
Ion Ratio	Lower	Upper	
252	100		
253	33.4	25.4	38.0
125	34.6	20.6	30.8

Manual Integrations

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Supervised By :mohammad ahmed 07/26/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.343 ng/ul

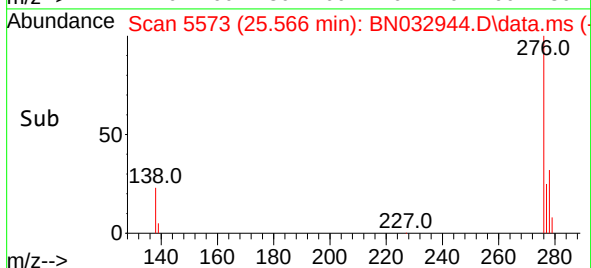
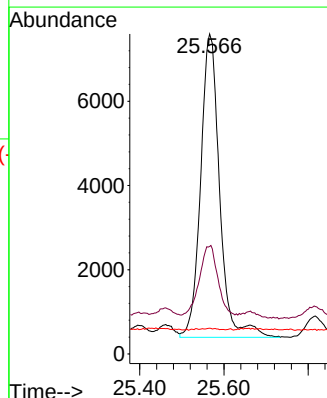
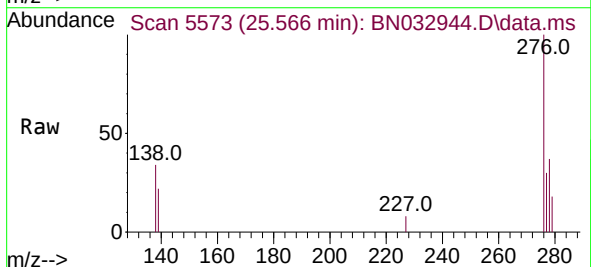
RT: 25.566 min Scan# 5573

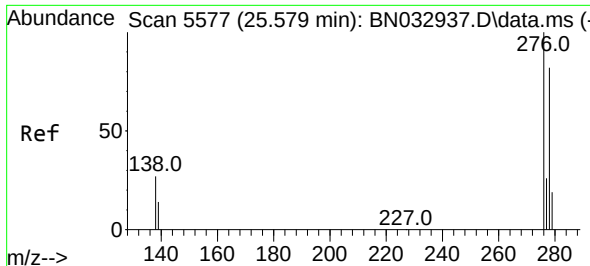
Delta R.T. -0.003 min

Lab File: BN032944.D

Acq: 24 Jul 2024 12:23

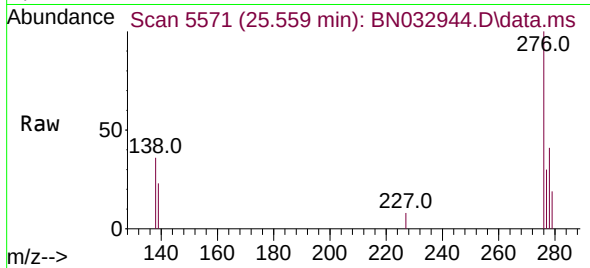
Tgt Ion:	276	Resp:	22525
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.6	32.4
227	0.3	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.168 ng/ul
RT: 25.559 min Scan# 5577
Delta R.T. -0.010 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

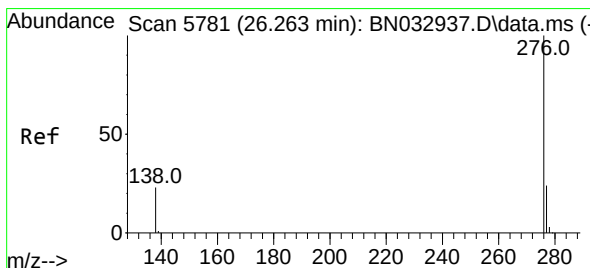
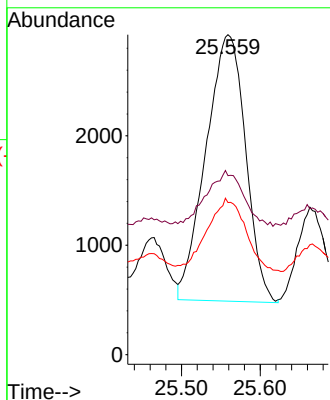
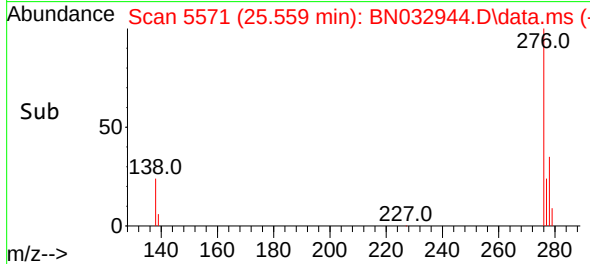
Instrument :
BNA_N
ClientSampleId :
A4BD3DL



Tgt Ion:278 Resp: 854
Ion Ratio Lower Upper
278 100
139 56.0 16.6 24.8
279 47.6 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 26.247 min Scan# 5776
Delta R.T. -0.003 min
Lab File: BN032944.D
Acq: 24 Jul 2024 12:23

Tgt Ion:276 Resp: 3138
Ion Ratio Lower Upper
276 100
138 90.3 21.0 31.4#
277 59.9 20.6 31.0#

