

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032827.D
 Acq On : 18 Jul 2024 21:03
 Operator : MA/JU
 Sample : P3177-13DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 23:32:54 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	7.536	152	4146	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.316	136	12601	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.188	164	6734	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.948	188	11918	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	11375	0.400	ng/ul	#-0.01
23) Perylene-d12	23.351	264	14160	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	2516	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	623	0.033	ng/ul	0.00
18) Fluoranthene-d10	18.990	212	1166	0.031	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.365	128	924	0.027	ng/ul#	68
10) Acenaphthylene	13.911	152	1520	0.056	ng/ul#	83
11) Acenaphthene	14.253	153	542	0.024	ng/ul	93
12) Fluorene	15.252	166	672	0.026	ng/ul#	91
15) Phenanthrene	16.991	178	12137	0.374	ng/ul	98
16) Anthracene	17.083	178	3215	0.121	ng/ul#	85
19) Fluoranthene	19.022	202	25948	0.561	ng/ul	99
20) Pyrene	19.385	202	15911	0.332	ng/ul	100
21) Benzo(a)anthracene	21.144	228	18236	0.504	ng/ul#	91
22) Chrysene	21.197	228	16199	0.309	ng/ul#	92
24) Benzo(b)fluoranthene	22.696	252	28238m	0.565	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	9861m	0.162	ng/ul	
26) Benzo(a)pyrene	23.254	252	13106	0.303	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.552	276	12557	0.214	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.552	278	14270	0.314	ng/ul#	59
29) Benzo(g,h,i)perylene	26.233	276	2307	0.047	ng/ul#	23

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

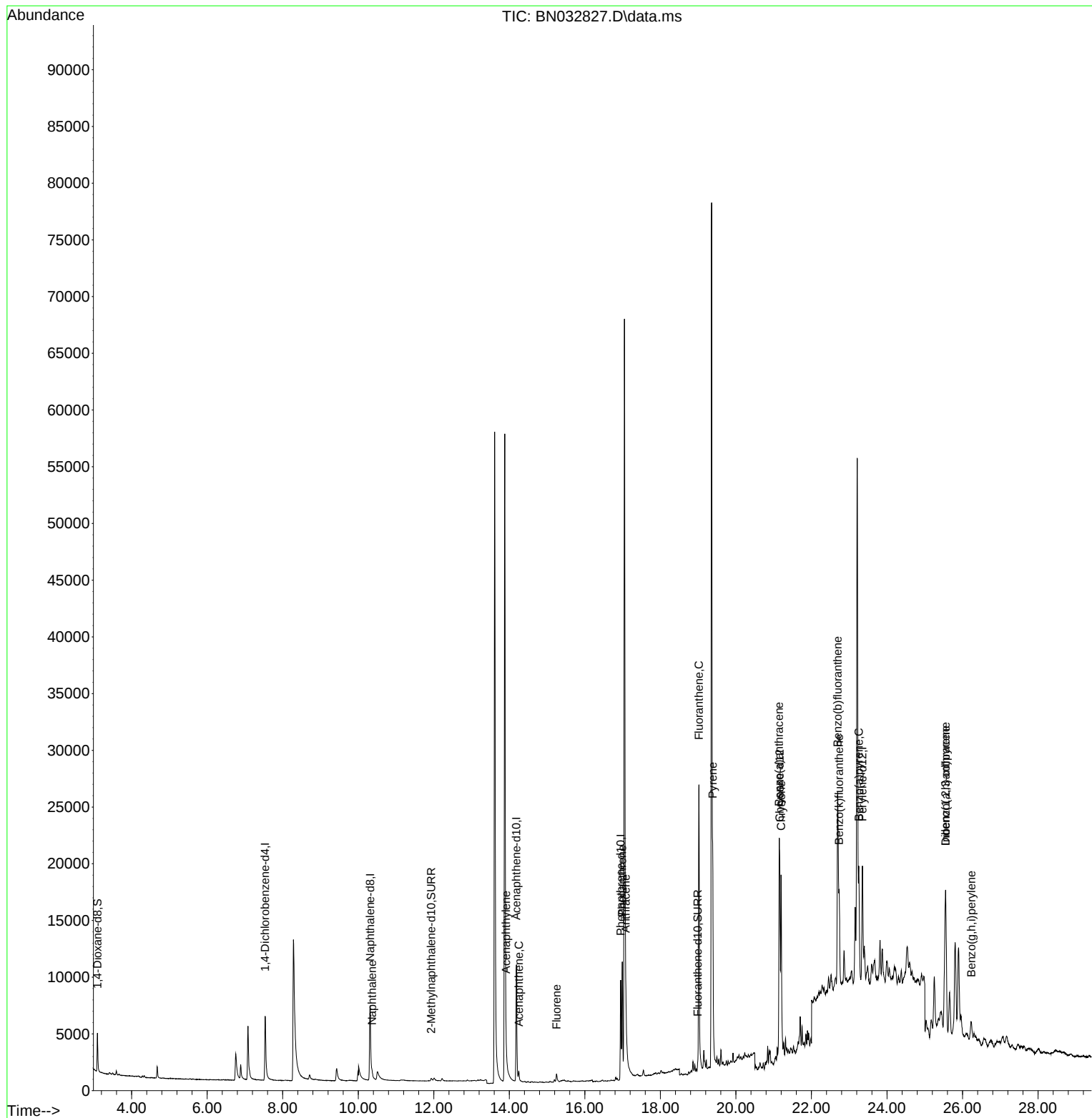
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032827.D
Acq On : 18 Jul 2024 21:03
Operator : MA/JU
Sample : P3177-13DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

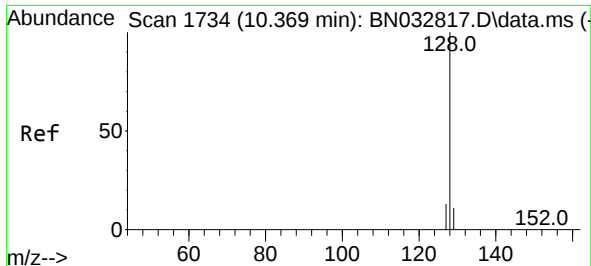
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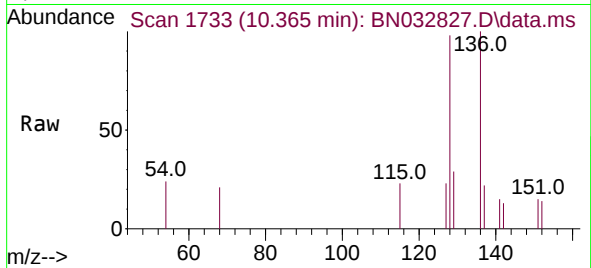
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

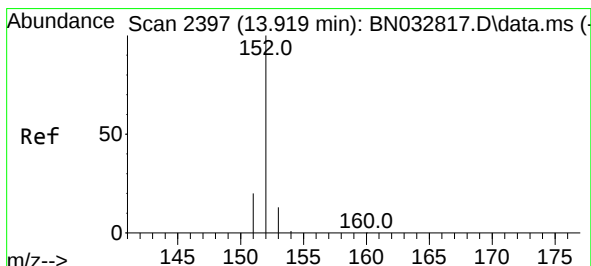
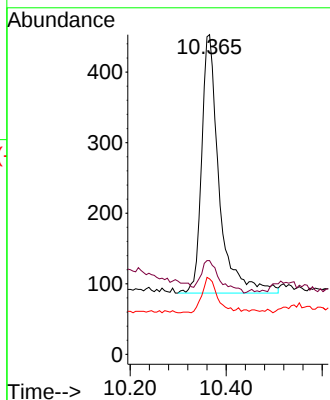
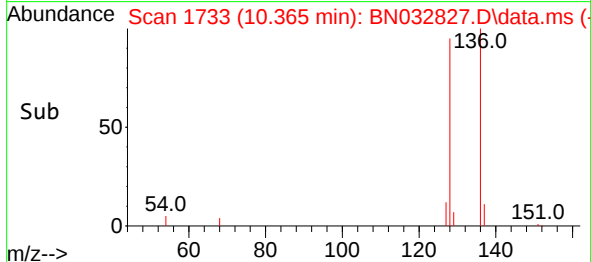
Instrument :
BNA_N
ClientSampleId :
A4BX6DL



Tgt Ion:128 Resp: 924
Ion Ratio Lower Upper
128 100
129 29.4 10.0 15.0#
127 23.6 11.6 17.4#

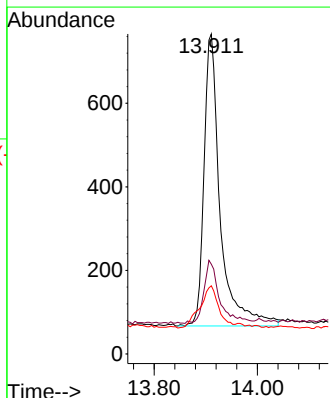
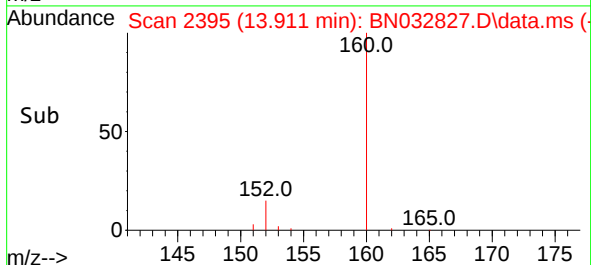
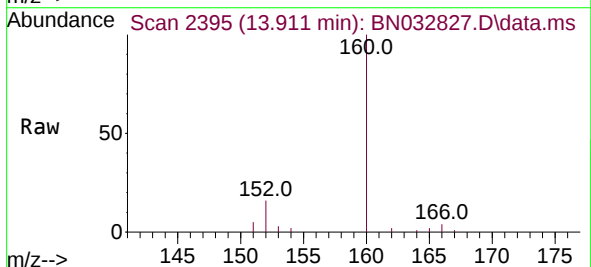
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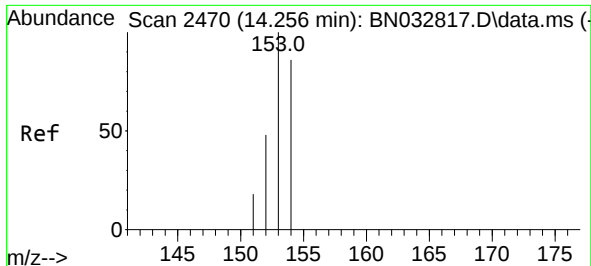
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

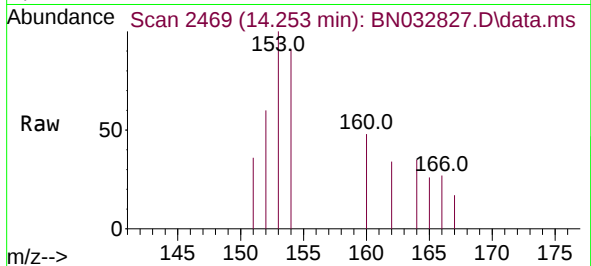
Tgt Ion:152 Resp: 1520
Ion Ratio Lower Upper
152 100
151 28.1 16.3 24.5#
153 21.3 11.3 16.9#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

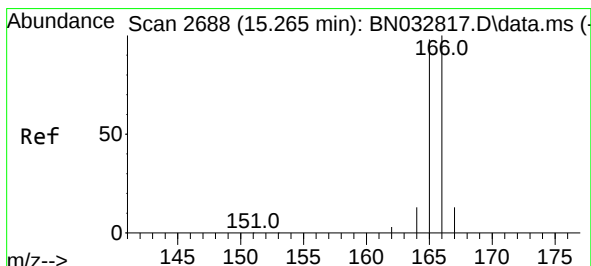
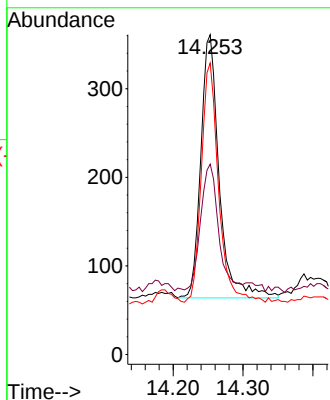
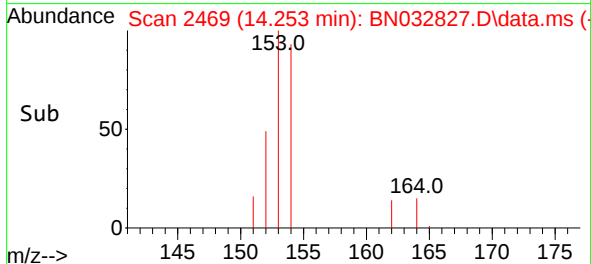
Instrument :
BNA_N
ClientSampleId :
A4BX6DL



Tgt Ion:153 Resp: 542
Ion Ratio Lower Upper
153 100
152 59.6 40.0 60.0
154 91.1 70.2 105.4

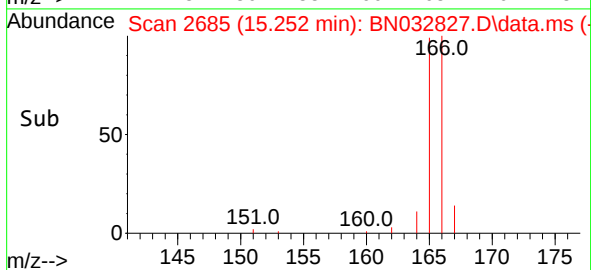
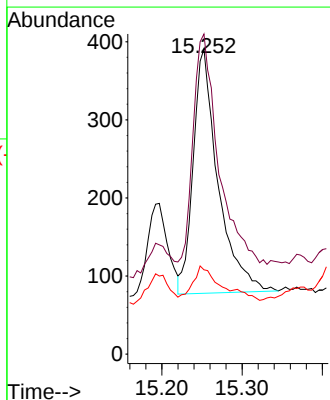
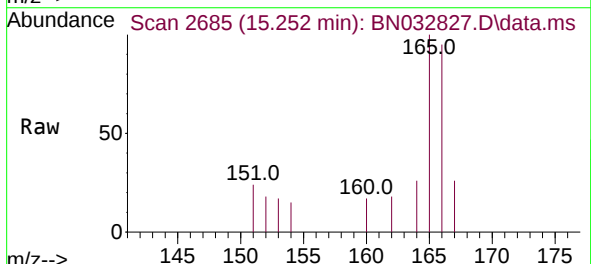
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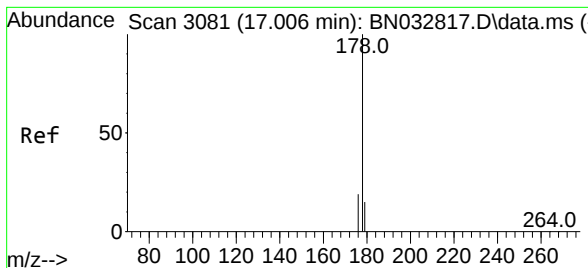
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

Tgt Ion:166 Resp: 672
Ion Ratio Lower Upper
166 100
165 104.9 79.7 119.5
167 27.6 11.4 17.2#





#15

Phenanthrene

Concen: 0.374 ng/u1

RT: 16.991 min Scan# 3077

Delta R.T. -0.017 min

Lab File: BN032827.D

Acq: 18 Jul 2024 21:03

Instrument :

BNA_N

ClientSampleId :

A4BX6DL

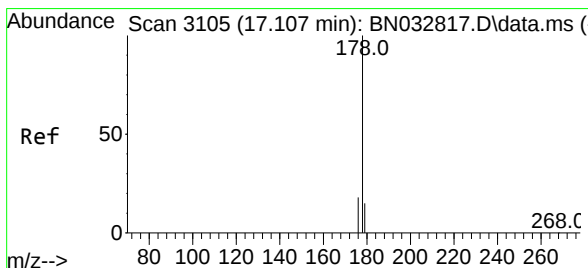
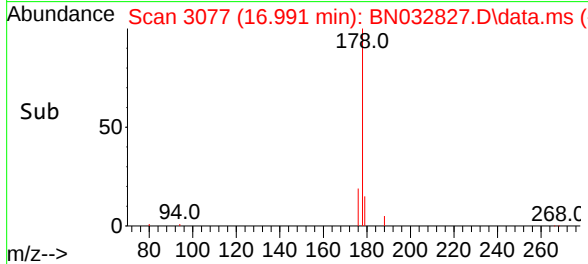
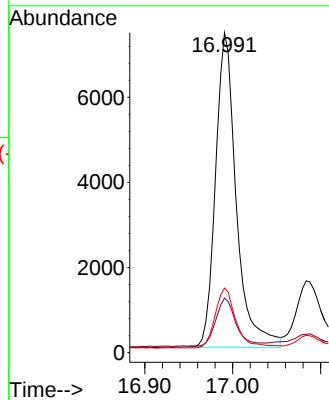
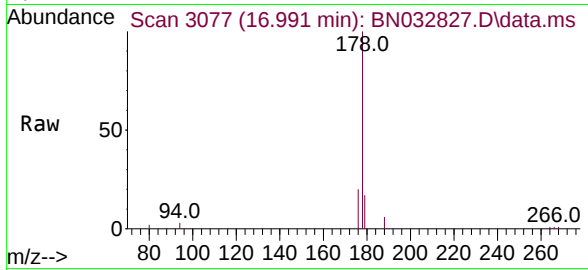
Tgt Ion:	178	Resp:	1213
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.0	19.4
176	20.2	15.6	23.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#16

Anthracene

Concen: 0.121 ng/u1

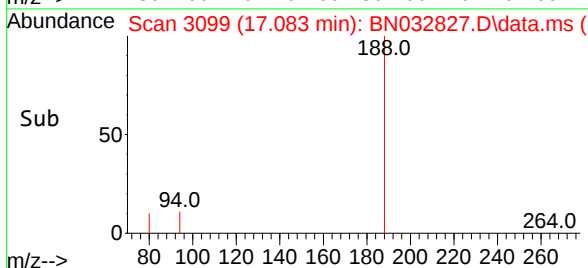
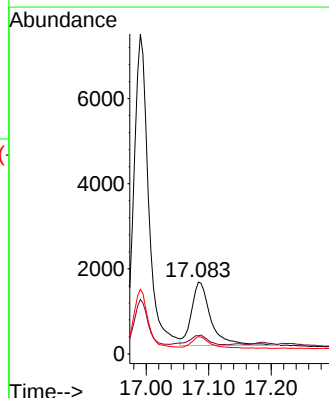
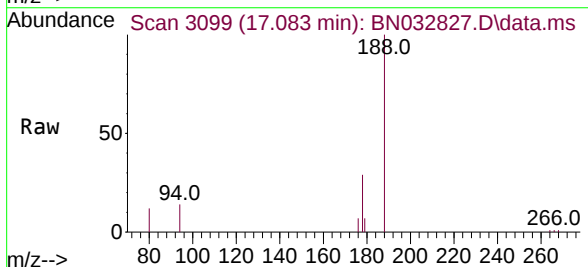
RT: 17.083 min Scan# 3099

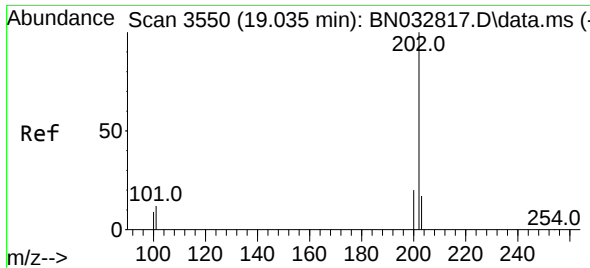
Delta R.T. -0.021 min

Lab File: BN032827.D

Acq: 18 Jul 2024 21:03

Tgt Ion:	178	Resp:	3215
Ion Ratio	Lower	Upper	
178	100		
179	25.5	13.4	20.2#
176	24.1	15.4	23.0#





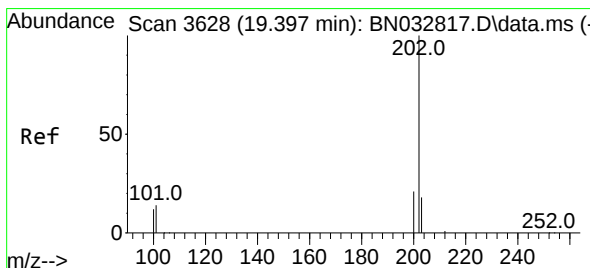
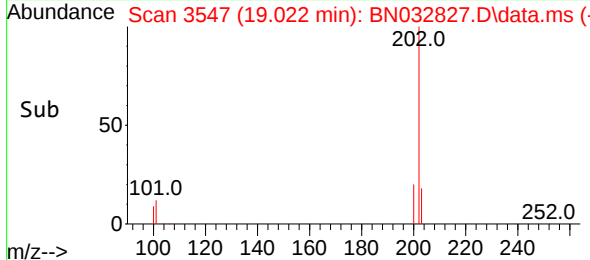
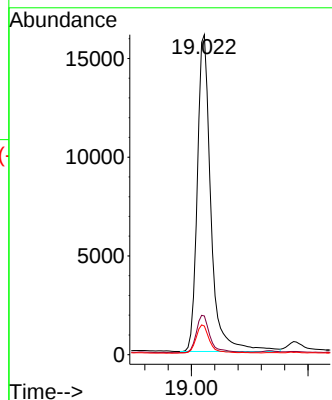
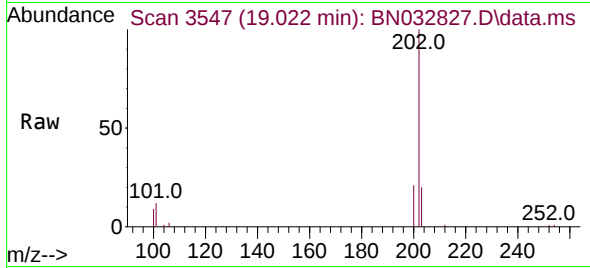
#19
Fluoranthene
Concen: 0.561 ng/u1
RT: 19.022 min Scan# 3547
Delta R.T. -0.009 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

Instrument :
BNA_N
ClientSampleId :
A4BX6DL

Tgt Ion:202 Resp: 2594
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.0 7.9 11.9

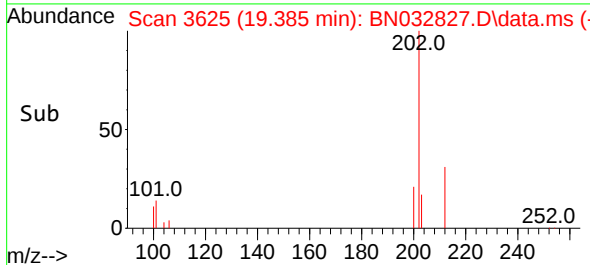
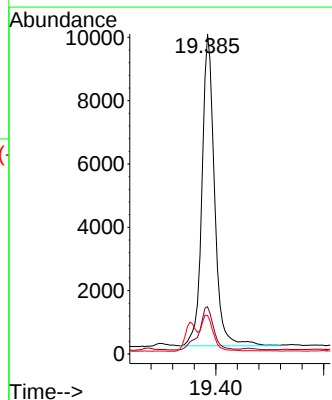
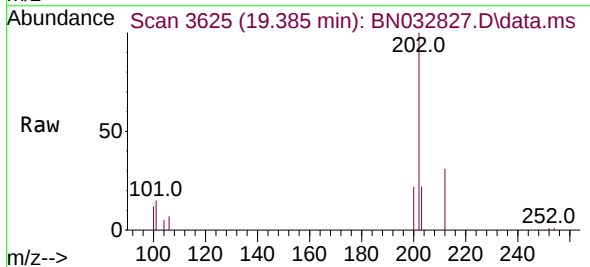
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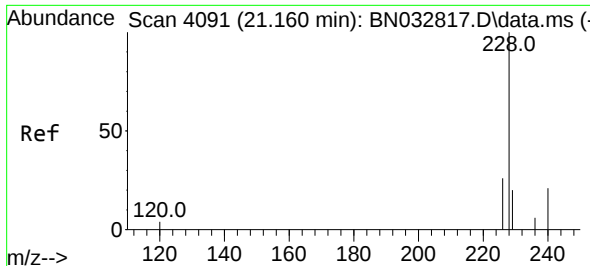
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 0.332 ng/u1
RT: 19.385 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

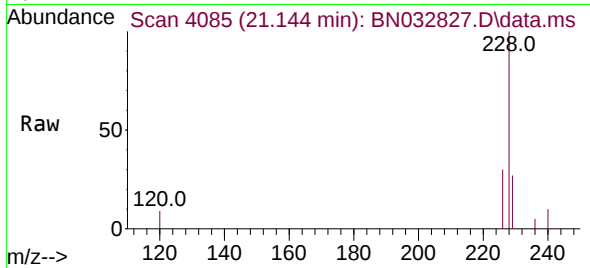
Tgt Ion:202 Resp: 15911
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 12.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.504 ng/u1
RT: 21.144 min Scan# 4085
Delta R.T. -0.015 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

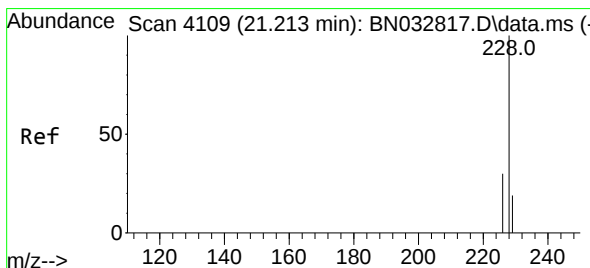
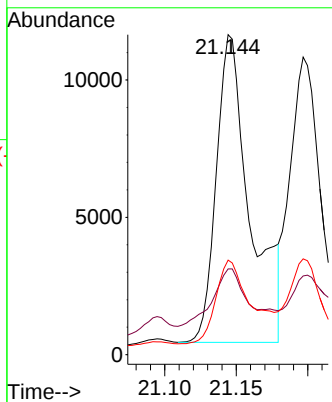
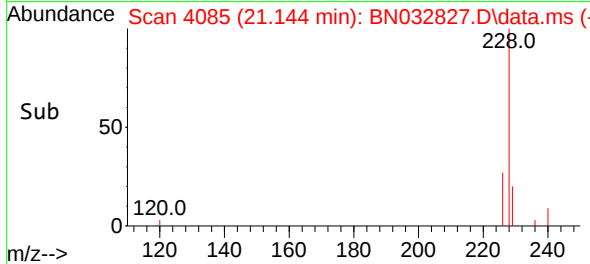
Instrument :
BNA_N
ClientSampleId :
A4BX6DL



Tgt Ion:228 Resp: 18230
Ion Ratio Lower Upper
228 100
229 26.8 16.1 24.1
226 29.6 21.9 32.9

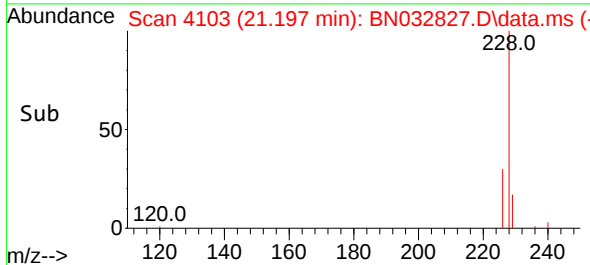
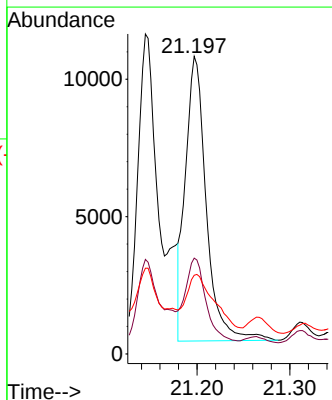
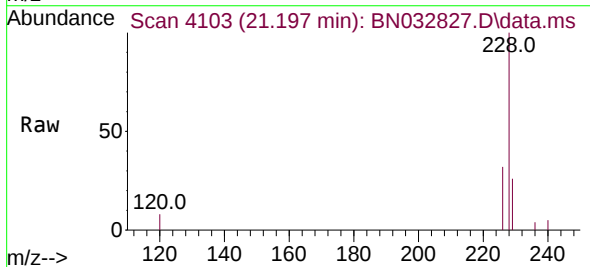
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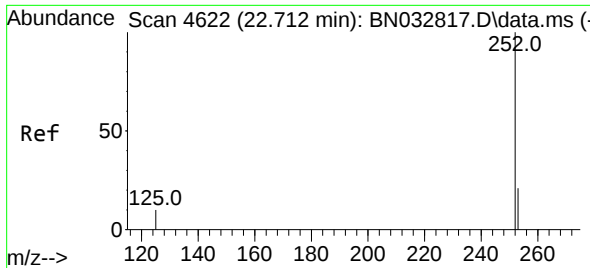
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.309 ng/u1
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

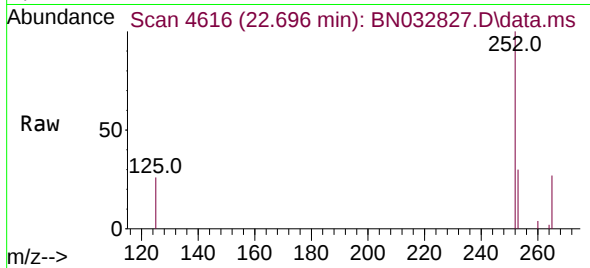
Tgt Ion:228 Resp: 16199
Ion Ratio Lower Upper
228 100
226 32.2 24.0 36.0
229 26.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.565 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.015 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

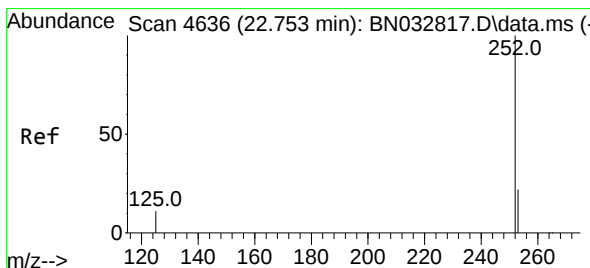
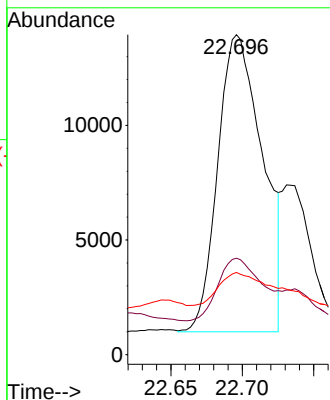
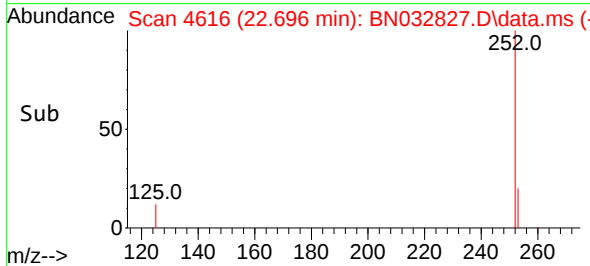
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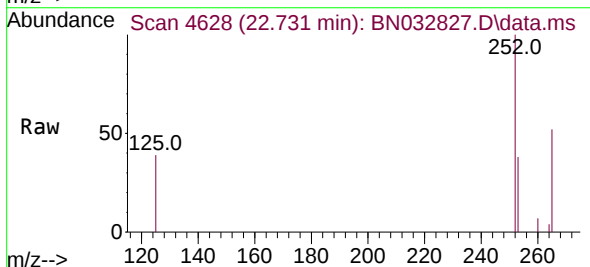
Tgt Ion:252 Resp: 28238
Ion Ratio Lower Upper
252 100
253 30.2 0.0 54.0
125 25.7 0.0 36.0

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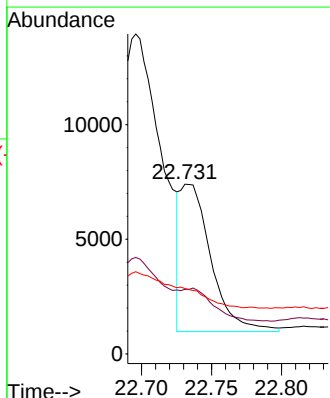
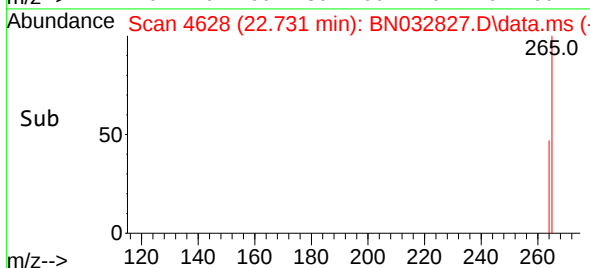
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

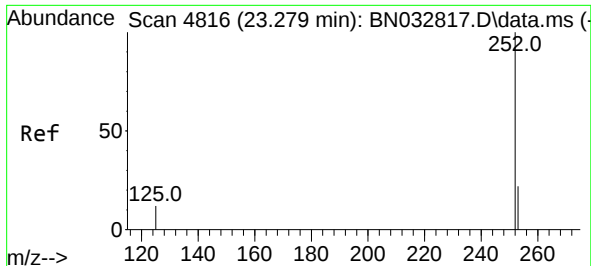


#25
Benzo(k)fluoranthene
Concen: 0.162 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.024 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03



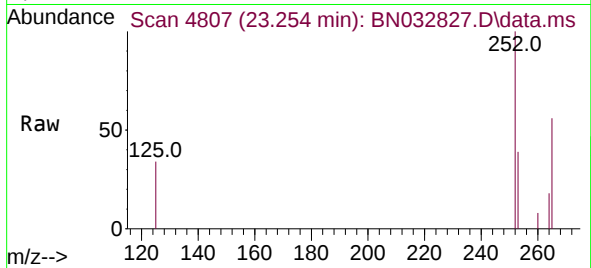
Tgt Ion:252 Resp: 9861
Ion Ratio Lower Upper
252 100
253 38.1 21.2 31.8#
125 38.6 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.024 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

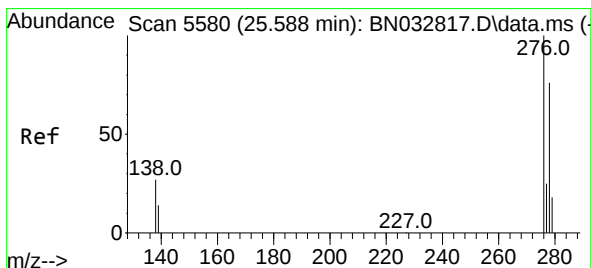
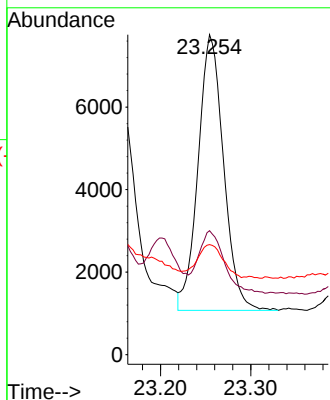
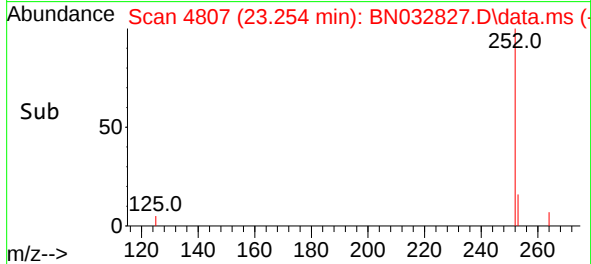
Instrument :
BNA_N
ClientSampleId :
A4BX6DL



Tgt Ion:252 Resp: 13100
Ion Ratio Lower Upper
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125 34.4 20.6 30.8#

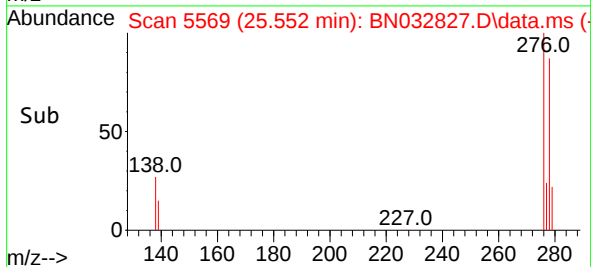
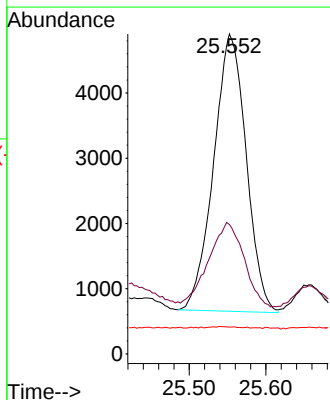
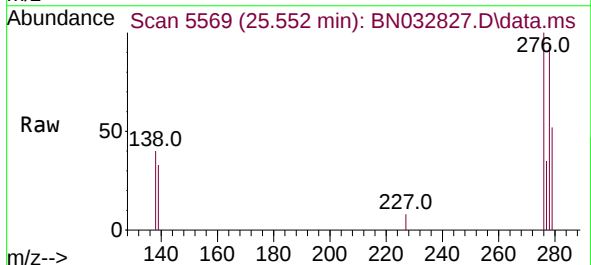
Manual Integrations
APPROVED

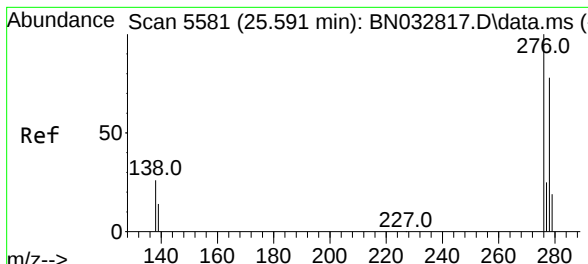
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.214 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.030 min
Lab File: BN032827.D
Acq: 18 Jul 2024 21:03

Tgt Ion:276 Resp: 12557
Ion Ratio Lower Upper
276 100
138 32.9 21.6 32.4#
227 0.7 0.0 0.0#





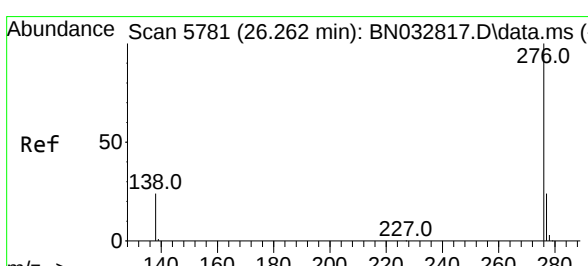
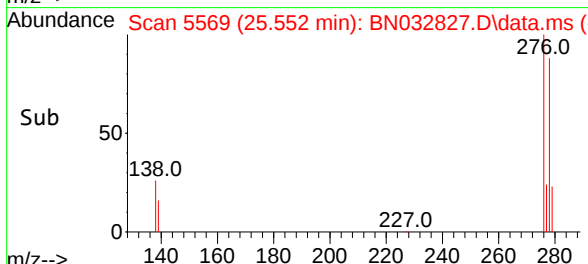
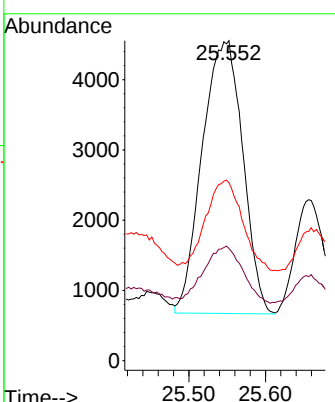
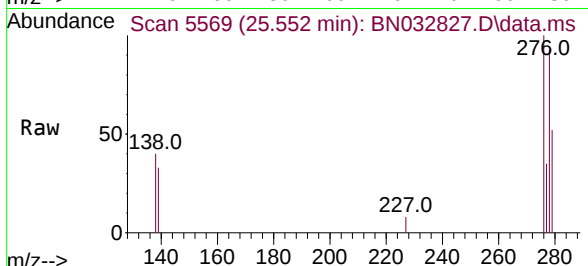
#28
 Dibenzo(a,h)anthracene
 Concen: 0.314 ng/ul
 RT: 25.552 min Scan# 51
 Delta R.T. -0.037 min
 Lab File: BN032827.D
 Acq: 18 Jul 2024 21:03

Instrument : BNA_N
 ClientSampleId : A4BX6DL

Tgt Ion: 278 Resp: 14270

Ion	Ratio	Lower	Upper
278	100		
139	35.1	16.6	24.8
279	55.6	23.7	35.5

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.047 ng/ul
 RT: 26.233 min Scan# 5772
 Delta R.T. -0.027 min
 Lab File: BN032827.D
 Acq: 18 Jul 2024 21:03

Tgt Ion: 276 Resp: 2307

Ion	Ratio	Lower	Upper
276	100		
138	68.2	21.0	31.4
277	62.6	20.6	31.0

