

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032928.D
 Acq On : 24 Jul 2024 02:08
 Operator : MA/JU
 Sample : P3238-14DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BG0DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 02:34:02 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	7.523	152	5681	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.299	136	19282	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	11268	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	18600	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	13768	0.400	ng/ul	-0.01
23) Perylene-d12	23.342	264	15648m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3183	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	882	0.030	ng/ul	-0.02
18) Fluoranthene-d10	18.976	212	1381	0.031	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	1383	0.027	ng/ul#	79
10) Acenaphthylene	13.892	152	1045	0.023	ng/ul#	72
11) Acenaphthene	14.234	153	2388	0.063	ng/ul	98
12) Fluorene	15.238	166	1679	0.039	ng/ul#	97
15) Phenanthrene	16.978	178	25606	0.505	ng/ul	100
16) Anthracene	17.071	178	5511	0.133	ng/ul#	91
19) Fluoranthene	19.008	202	35114	0.627	ng/ul	99
20) Pyrene	19.375	202	26278	0.454	ng/ul	100
21) Benzo(a)anthracene	21.138	228	15198m	0.347	ng/ul	
22) Chrysene	21.191	228	14113	0.223	ng/ul	96
24) Benzo(b)fluoranthene	22.687	252	20421m	0.370	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	7768m	0.115	ng/ul	
26) Benzo(a)pyrene	23.245	252	8833	0.185	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.552	276	8247	0.127	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.545	278	2429	0.048	ng/ul#	20
29) Benzo(g,h,i)perylene	26.233	276	1271	0.024	ng/ul#	21

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

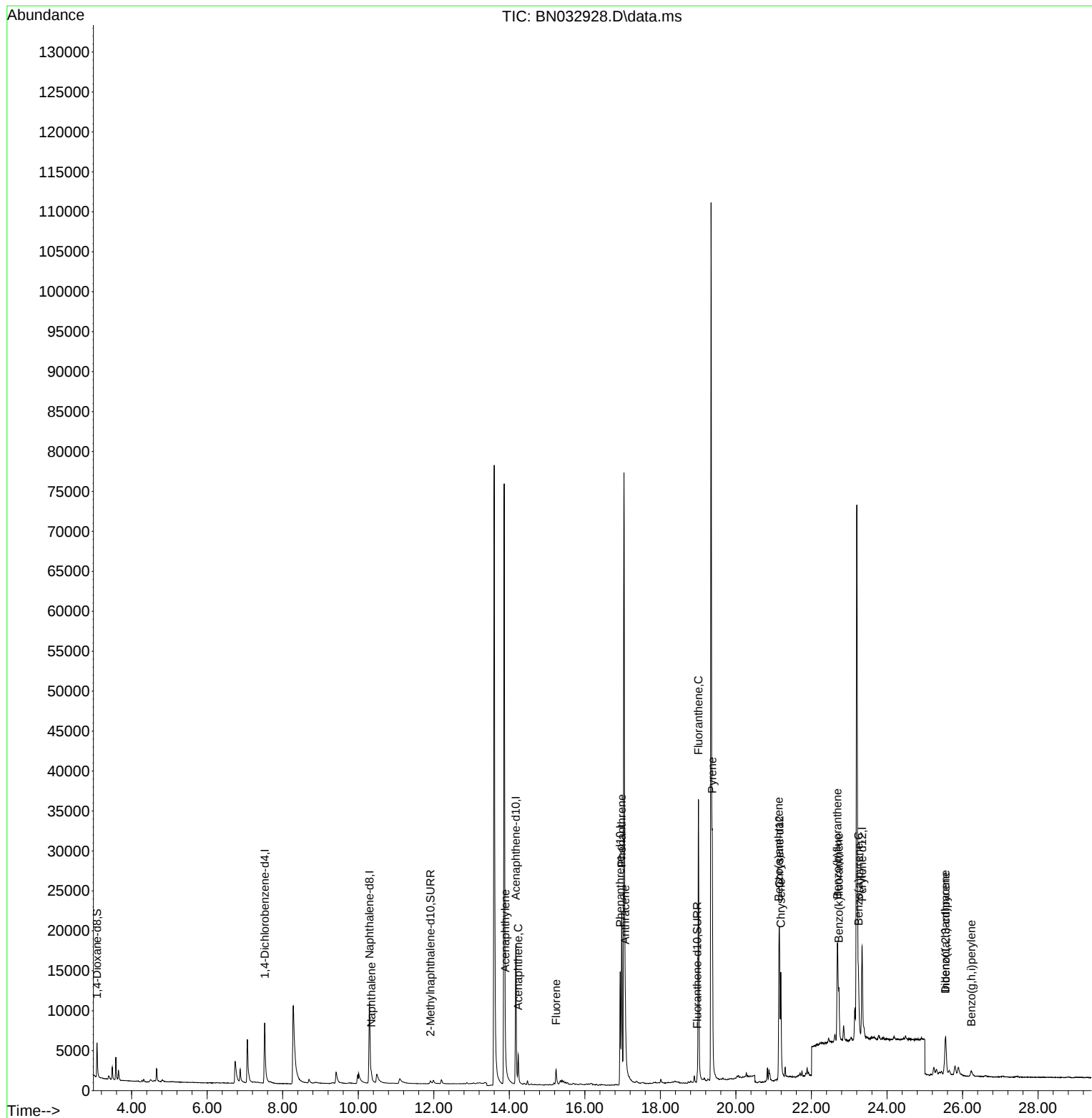
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032928.D
Acq On : 24 Jul 2024 02:08
Operator : MA/JU
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ALS Vial : 38 Sample Multiplier: 1

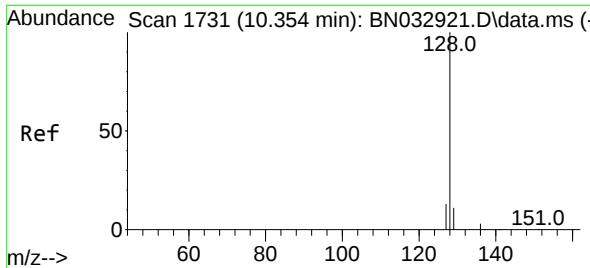
Instrument :
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Supervised By :mohammad ahmed 07/26/2024

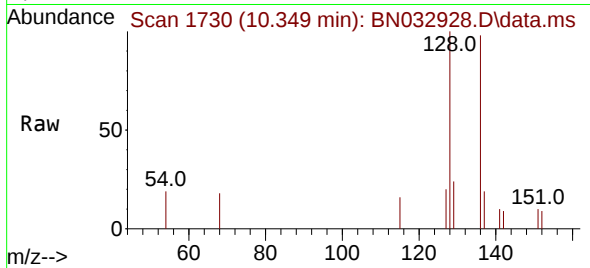
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/u1
RT: 10.349 min Scan# 1730
Delta R.T. -0.015 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

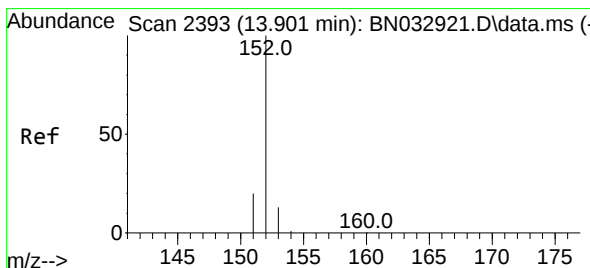
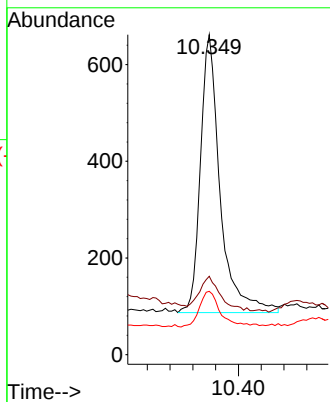
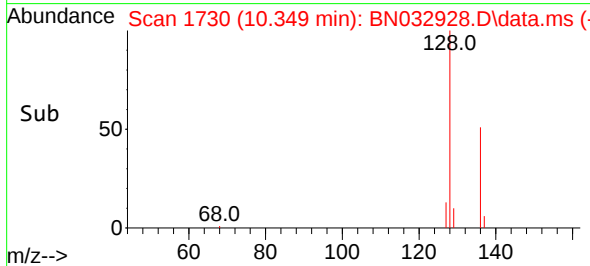
Instrument :
BNA_N
ClientSampleId :
A4BG0DL



Tgt Ion:128 Resp: 138
Ion Ratio Lower Upper
128 100
129 24.5 10.0 15.0#
127 19.8 11.6 17.4#

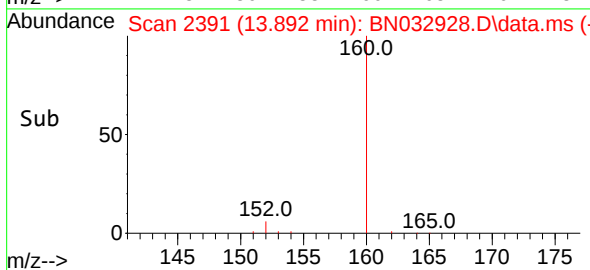
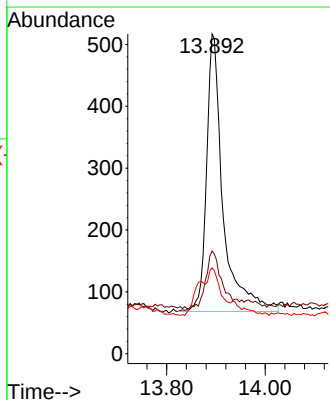
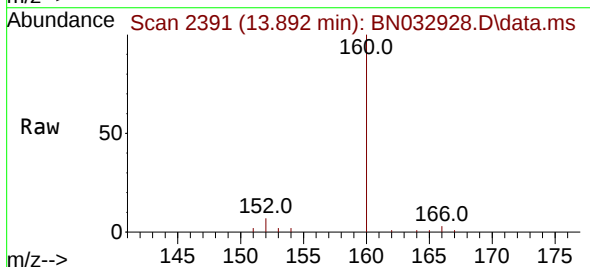
Manual Integrations
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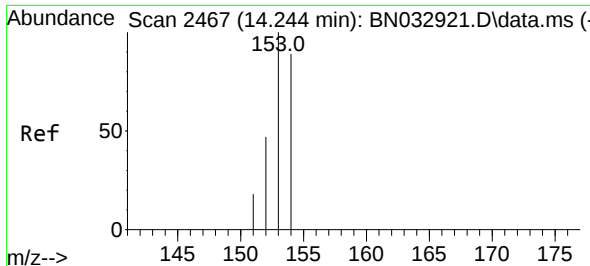
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.023 ng/u1
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

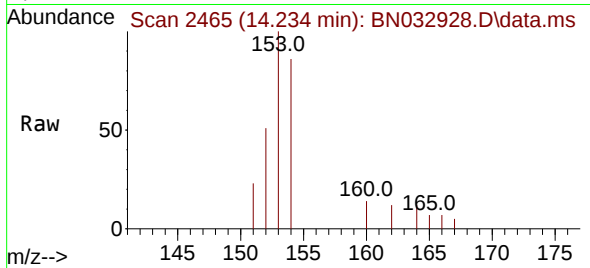
Tgt Ion:152 Resp: 1045
Ion Ratio Lower Upper
152 100
151 32.1 16.3 24.5#
153 26.9 11.3 16.9#





#11
Acenaphthene
Concen: 0.063 ng/u1
RT: 14.234 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

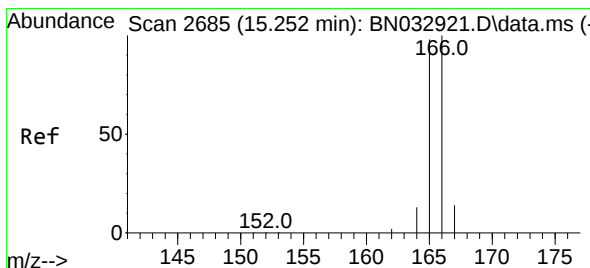
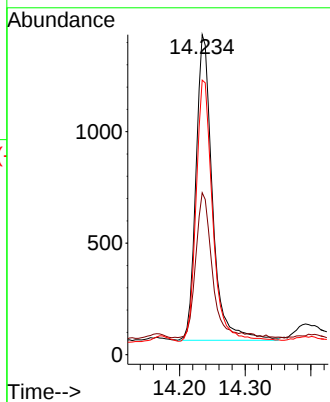
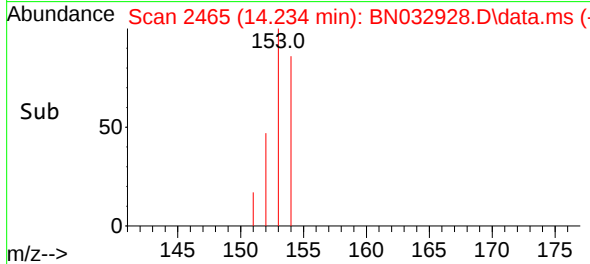
Instrument :
BNA_N
ClientSampleId :
A4BG0DL



Tgt Ion:153 Resp: 238
Ion Ratio Lower Upper
153 100
152 50.6 40.0 60.0
154 85.8 70.2 105.4

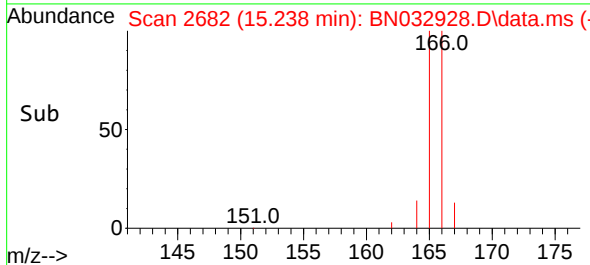
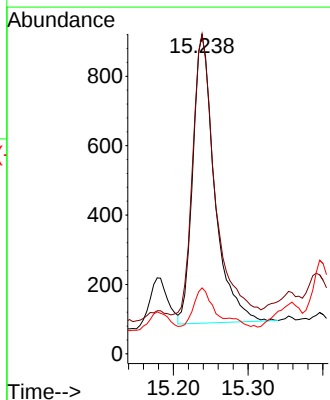
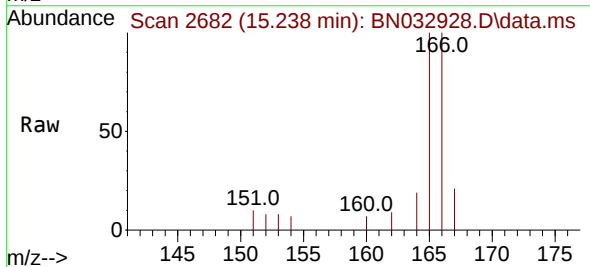
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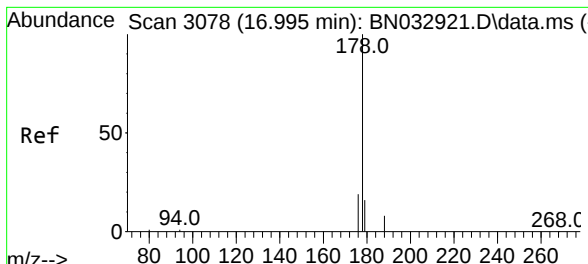
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

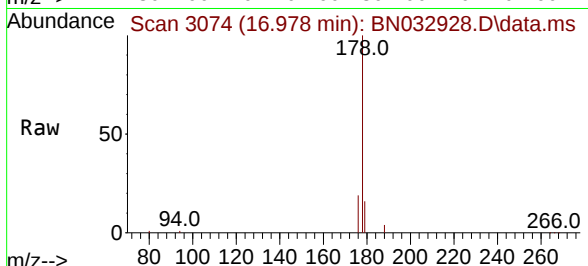
Tgt Ion:166 Resp: 1679
Ion Ratio Lower Upper
166 100
165 100.3 79.7 119.5
167 20.7 11.4 17.2#





#15
 Phenanthrene
 Concen: 0.505 ng/u1
 RT: 16.978 min Scan# 3074
 Delta R.T. -0.024 min
 Lab File: BN032928.D
 Acq: 24 Jul 2024 02:08

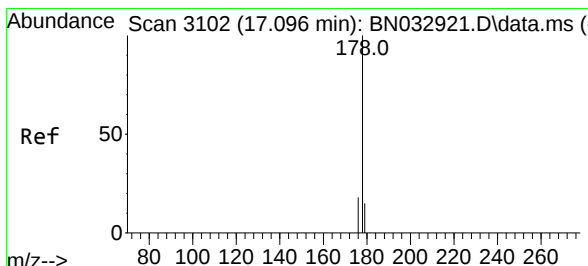
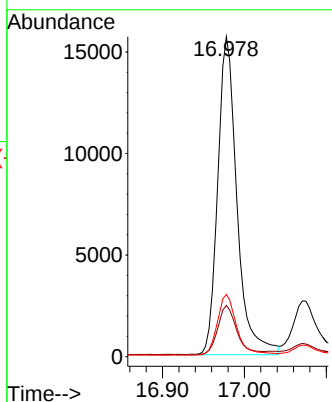
Instrument : BNA_N
 ClientSampleId : A4BG0DL



Tgt Ion:	178	Resp:	25600
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.0	19.4
176	19.5	15.6	23.4

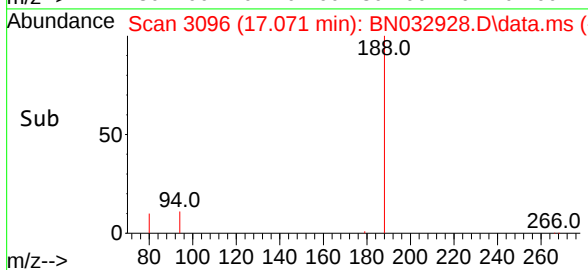
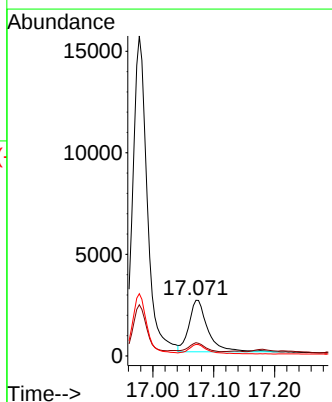
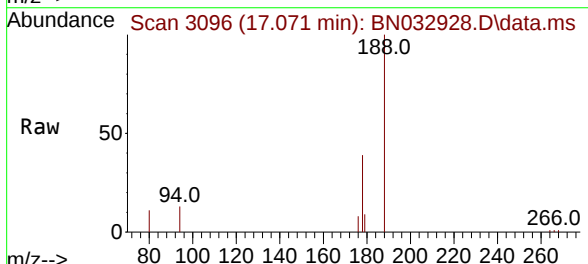
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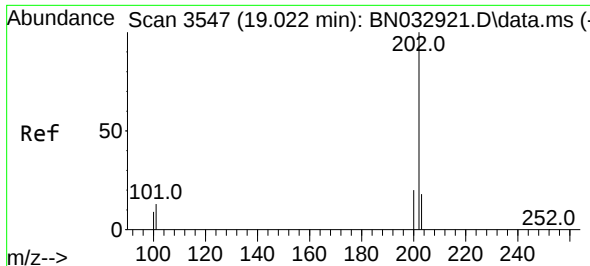
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#16
 Anthracene
 Concen: 0.133 ng/u1
 RT: 17.071 min Scan# 3096
 Delta R.T. -0.028 min
 Lab File: BN032928.D
 Acq: 24 Jul 2024 02:08

Tgt Ion:	178	Resp:	5511
Ion Ratio	Lower	Upper	
178	100		
179	23.8	13.4	20.2
176	20.6	15.4	23.0





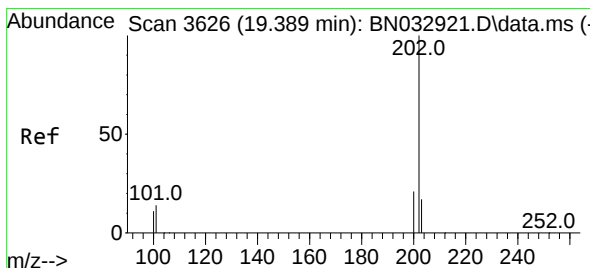
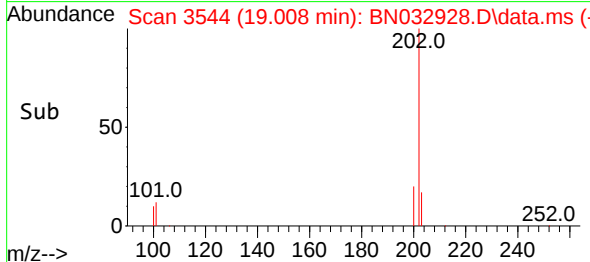
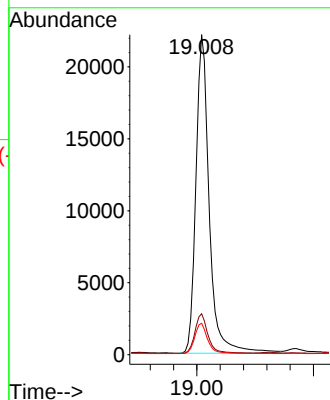
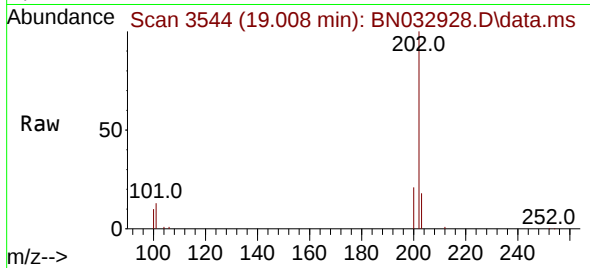
#19
Fluoranthene
Concen: 0.627 ng/u1
RT: 19.008 min Scan# 3514
Delta R.T. -0.017 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

Instrument :
BNA_N
ClientSampleId :
A4BG0DL

Tgt Ion:202 Resp: 35114
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.8
100 9.8 7.9 11.9

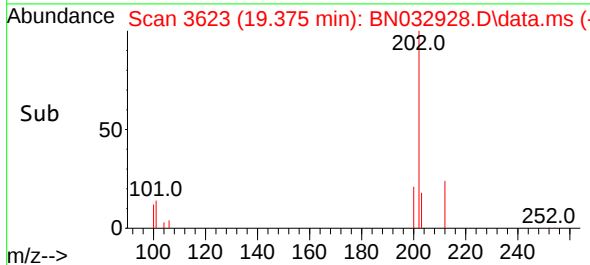
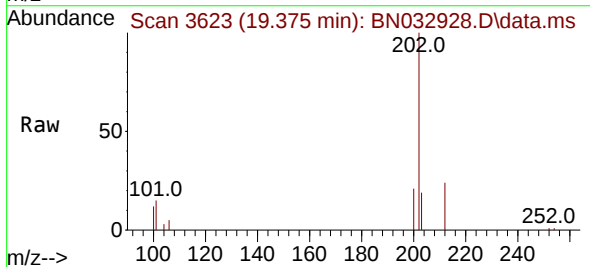
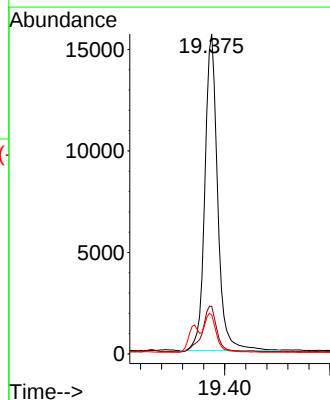
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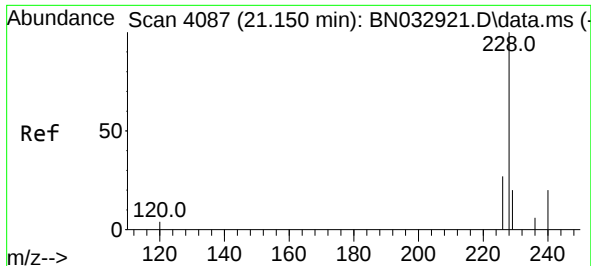
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 0.454 ng/u1
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

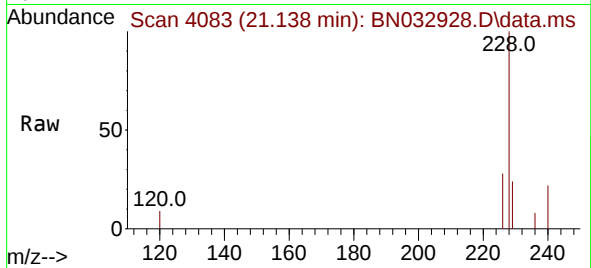
Tgt Ion:202 Resp: 26278
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 12.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.347 ng/ul m
RT: 21.138 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

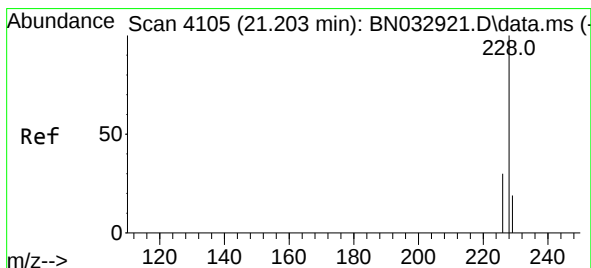
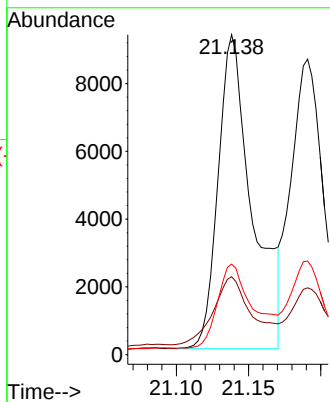
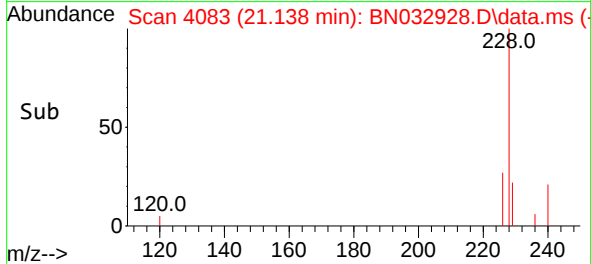
Instrument :
BNA_N
ClientSampleId :
A4BG0DL



Tgt Ion:228 Resp: 15198
Ion Ratio Lower Upper
228 100
229 24.4 16.1 24.1
226 28.3 21.9 32.9

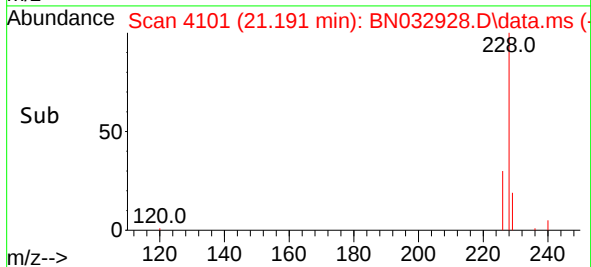
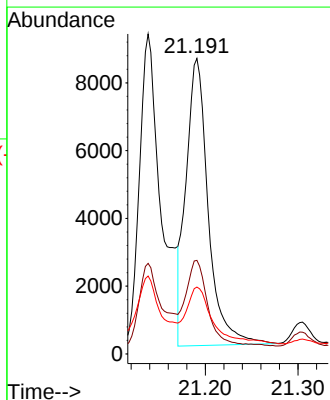
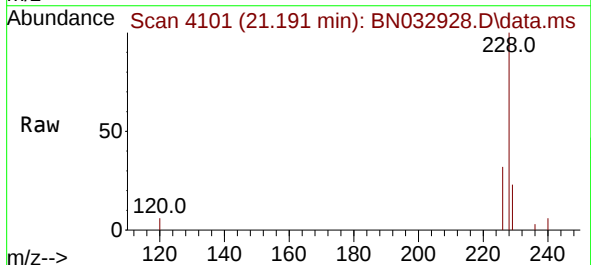
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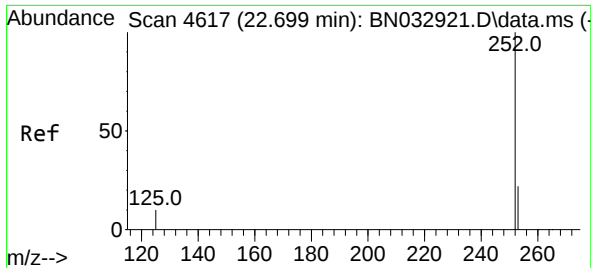
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.223 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

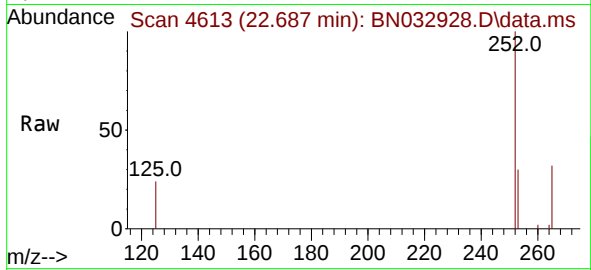
Tgt Ion:228 Resp: 14113
Ion Ratio Lower Upper
228 100
226 31.7 24.0 36.0
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul m
RT: 22.687 min Scan# 4613
Delta R.T. -0.012 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

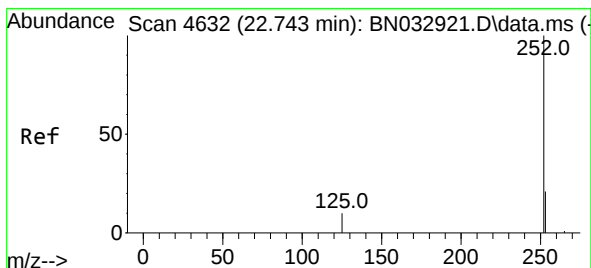
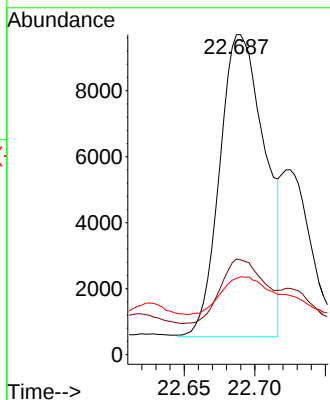
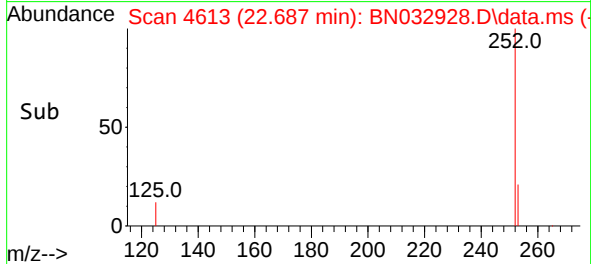
Instrument :
BNA_N
ClientSampleId :
A4BG0DL



Tgt Ion:252 Resp: 2042
Ion Ratio Lower Upper
252 100
253 29.9 0.0 54.0
125 23.9 0.0 36.0

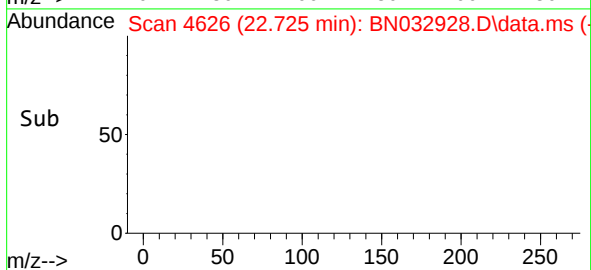
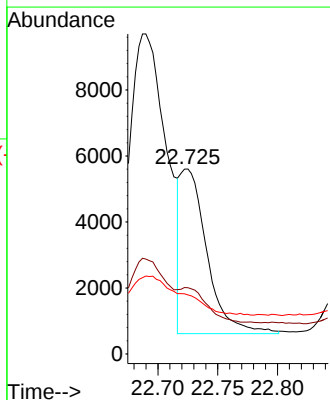
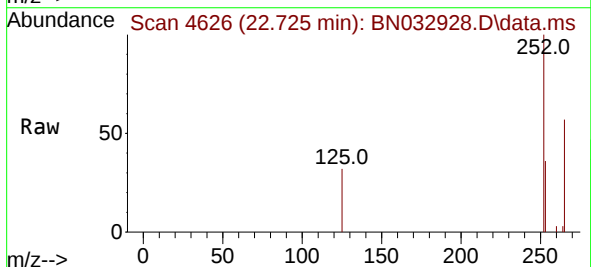
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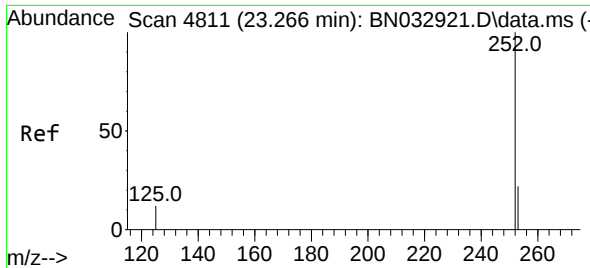
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.115 ng/ul m
RT: 22.725 min Scan# 4626
Delta R.T. -0.015 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

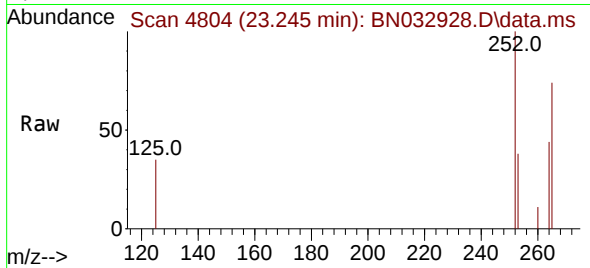
Tgt Ion:252 Resp: 7768
Ion Ratio Lower Upper
252 100
253 35.8 21.2 31.8#
125 31.9 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.185 ng/ul
RT: 23.245 min Scan# 4811
Delta R.T. -0.018 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

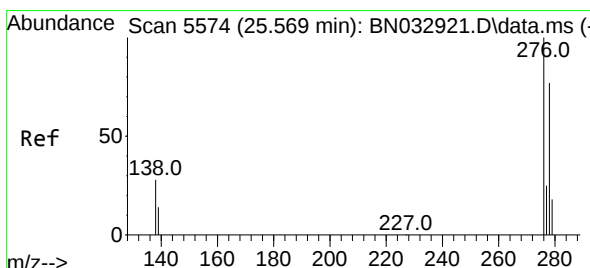
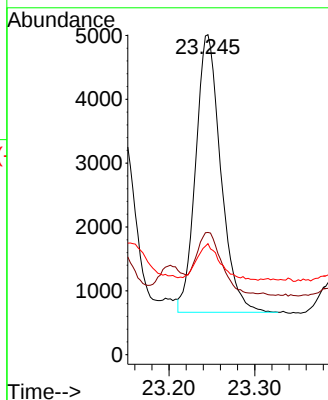
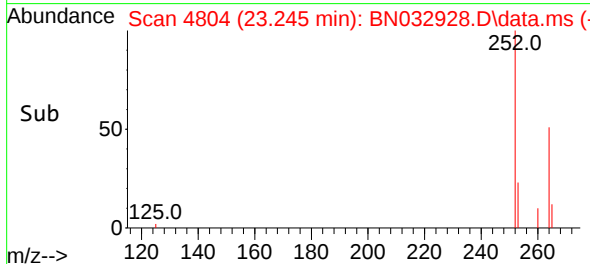
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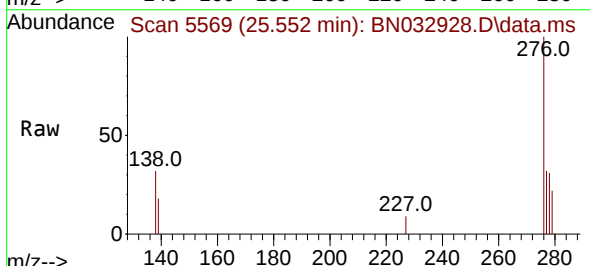
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Ion Ratio Lower Upper
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125 34.7 20.6 30.8

Manual Integrations
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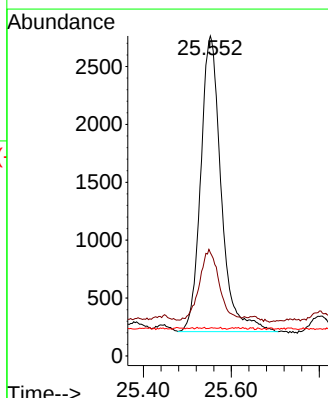
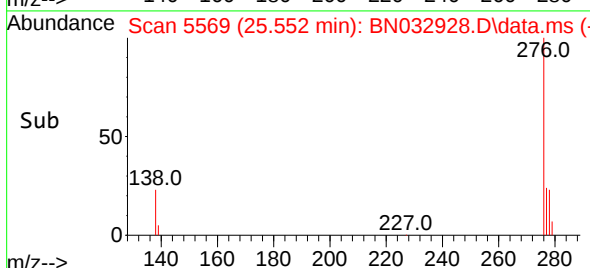
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

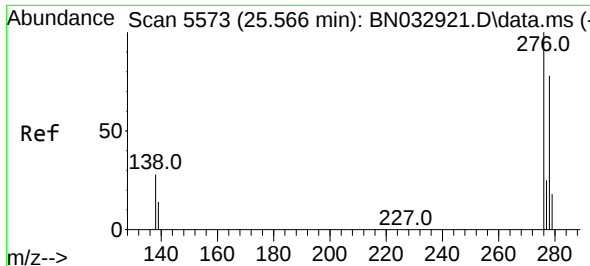


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08



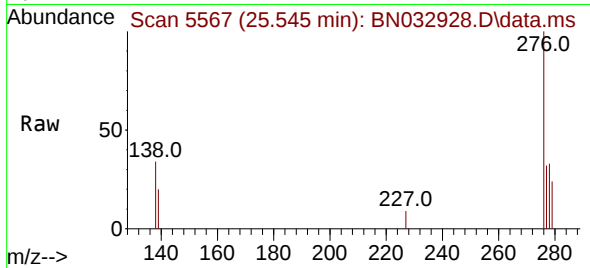
Tgt Ion:276 Resp: 8247
Ion Ratio Lower Upper
276 100
138 23.5 21.6 32.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.545 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08

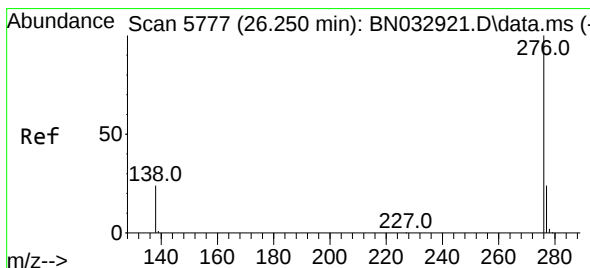
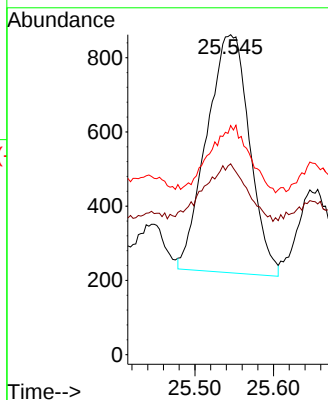
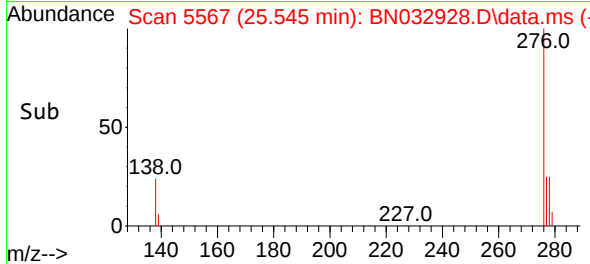
Instrument :
BNA_N
ClientSampleId :
A4BG0DL



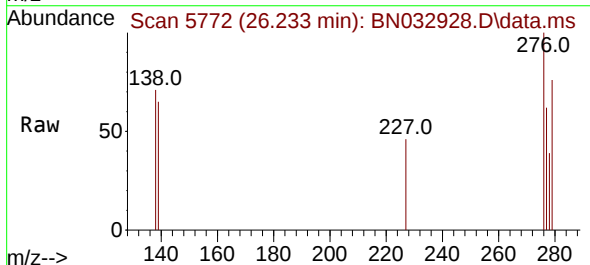
Tgt Ion: 278 Resp: 2429
Ion Ratio Lower Upper
278 100
139 59.6 16.6 24.8#
279 71.6 23.7 35.5#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032928.D
Acq: 24 Jul 2024 02:08



Tgt Ion: 276 Resp: 1271
Ion Ratio Lower Upper
276 100
138 71.1 21.0 31.4#
277 61.9 20.6 31.0#

