

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032413.D
 Acq On : 02 Jul 2024 22:36
 Operator : MA/JU
 Sample : P2871-09DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C58DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:56:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

07/03/2024
 Supervised By :mohammad
 ahmed

07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7929	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	25443	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14418	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	24837	0.400	ng/ul	-0.02
17) Chrysene-d12	21.208	240	16982	0.400	ng/ul	-0.02
23) Perylene-d12	23.421	264	20587	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6597	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	2137	0.056	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	3324	0.065	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.971	152	2169	0.036	ng/ul#	86
11) Acenaphthene	14.313	153	1173	0.025	ng/ul	98
12) Fluorene	15.308	166	1186	0.021	ng/ul#	93
15) Phenanthrene	17.045	178	26175	0.384	ng/ul	100
16) Anthracene	17.138	178	4329	0.071	ng/ul#	91
19) Fluoranthene	19.073	202	44697	0.691	ng/ul	98
20) Pyrene	19.436	202	36843	0.545	ng/ul	98
21) Benzo(a)anthracene	21.194	228	20070	0.327	ng/ul	95
22) Chrysene	21.244	228	20495	0.305	ng/ul	95
24) Benzo(b)fluoranthene	22.760	252	30531m	0.341	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	10319m	0.119	ng/ul	
26) Benzo(a)pyrene	23.324	252	12413	0.199	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.660	276	12287	0.126	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.663	278	3700	0.051	ng/ul#	1
29) Benzo(g,h,i)perylene	26.344	276	2293	0.030	ng/ul#	17

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

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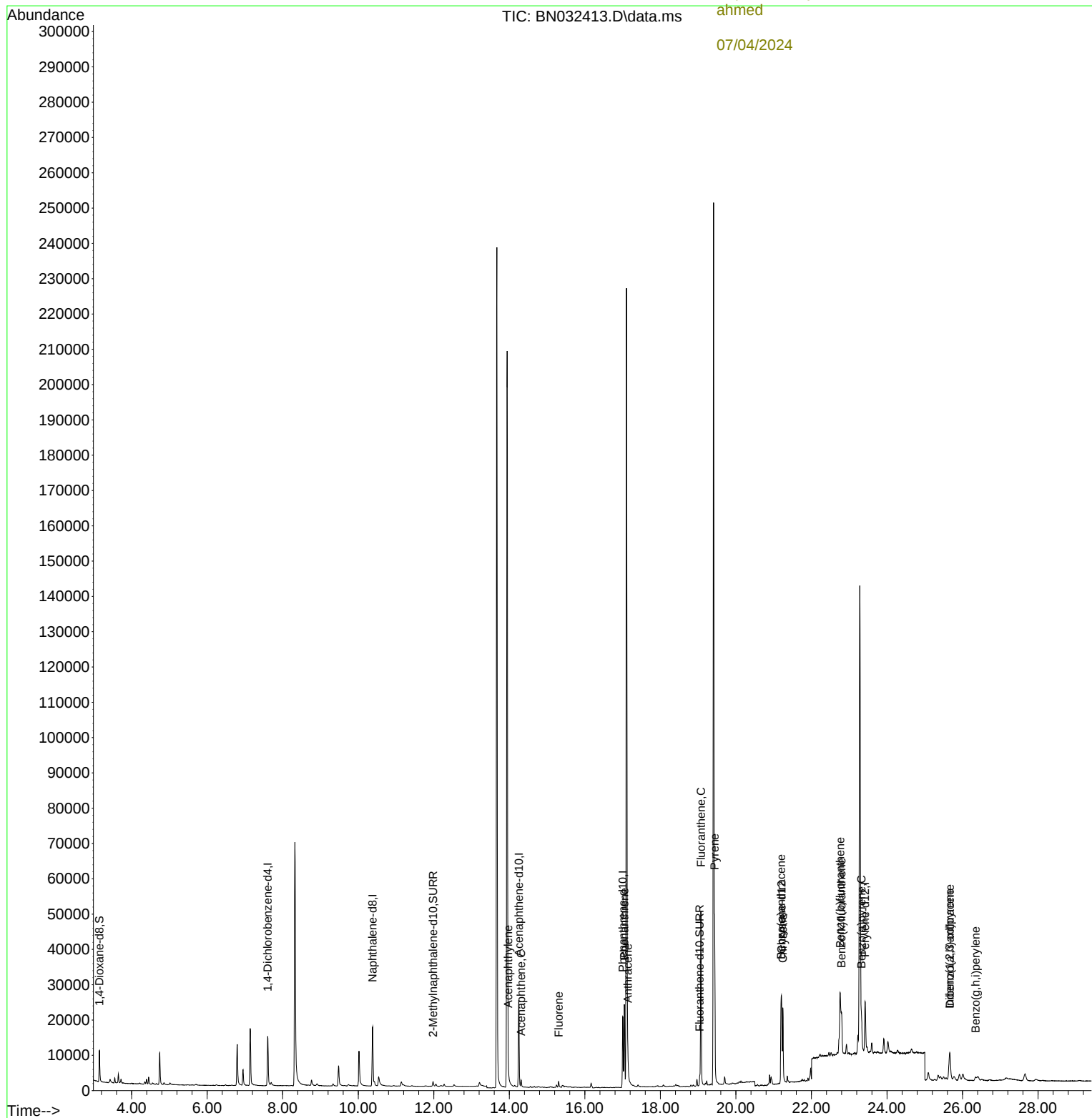
Manual Integrations
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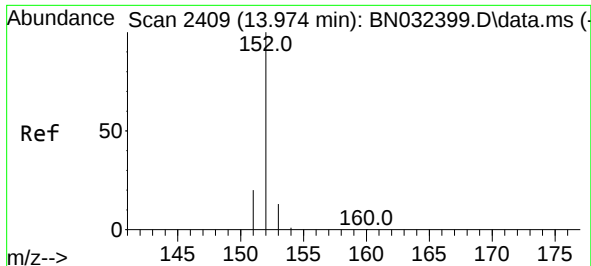
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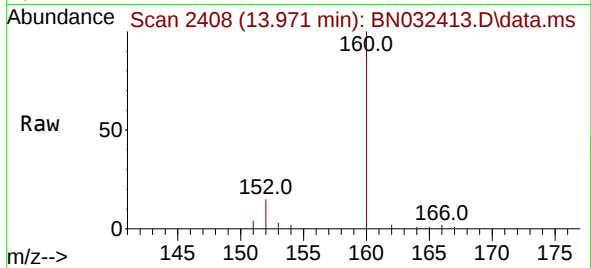
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#10
Acenaphthylene
Concen: 0.036 ng/u1
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

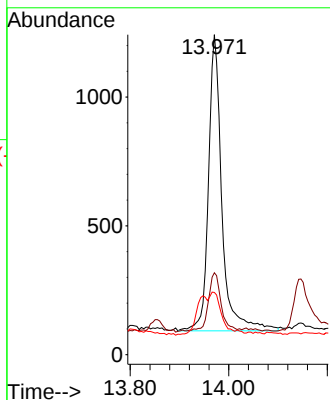
Instrument :
BNA_N
ClientSampleId :
A4C58DL



Tgt Ion:152 Resp: 2169
Ion Ratio Lower Upper
152 100
151 25.6 15.7 23.5
153 19.5 10.9 16.3

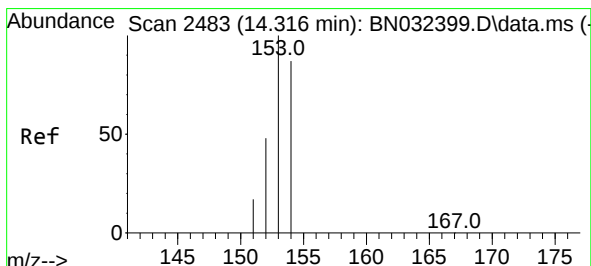
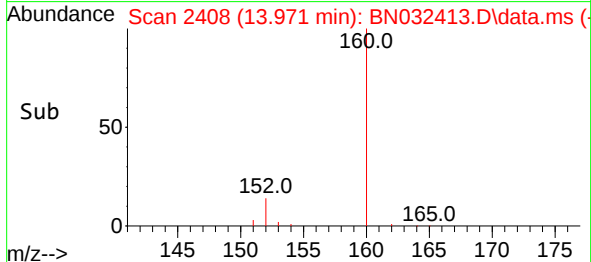
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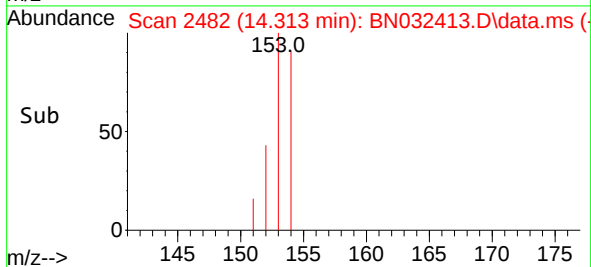
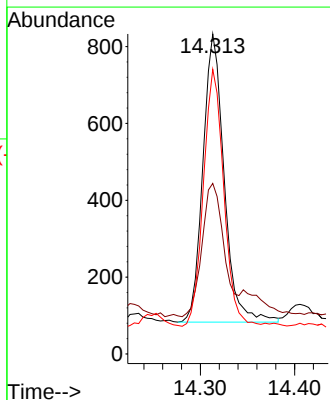
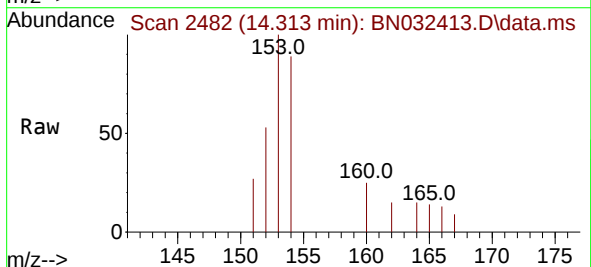
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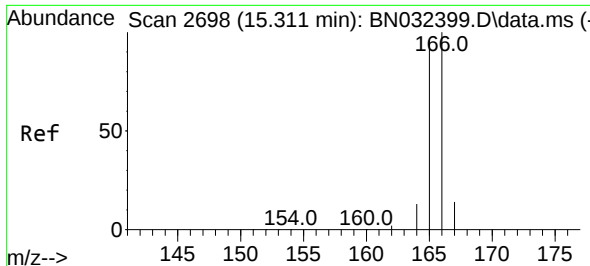
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#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

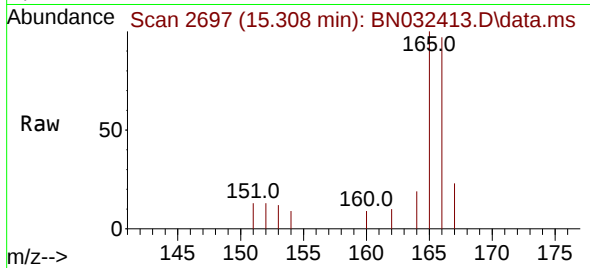
Tgt Ion:153 Resp: 1173
Ion Ratio Lower Upper
153 100
152 53.3 39.5 59.3
154 89.0 71.7 107.5





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

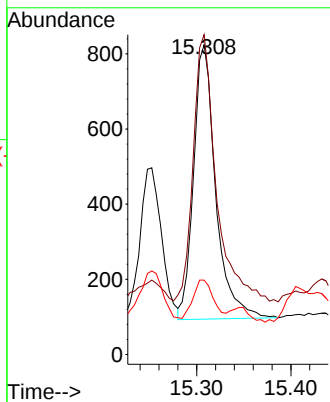
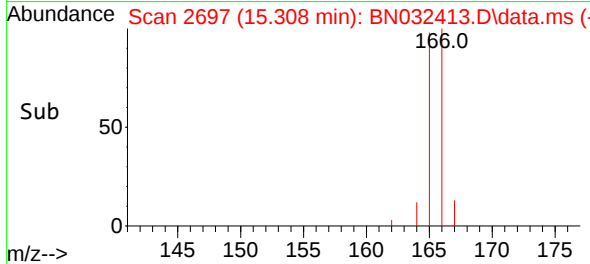
Instrument :
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ClientSampleId :
A4C58DL



Tgt Ion:166 Resp: 1180
Ion Ratio Lower Upper
166 100
165 103.3 79.0 118.6
167 24.0 11.0 16.6

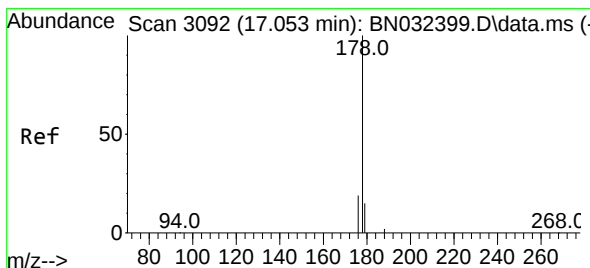
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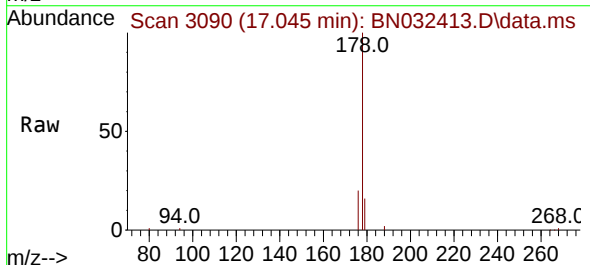


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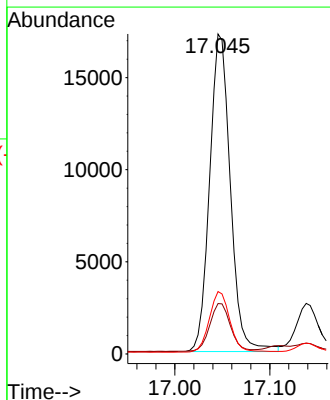
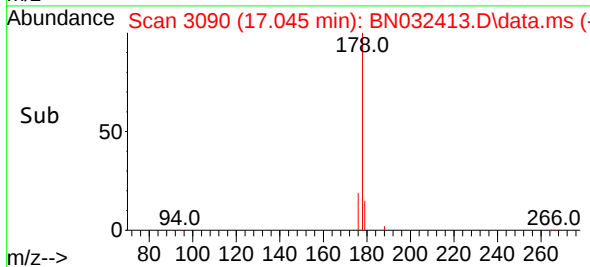
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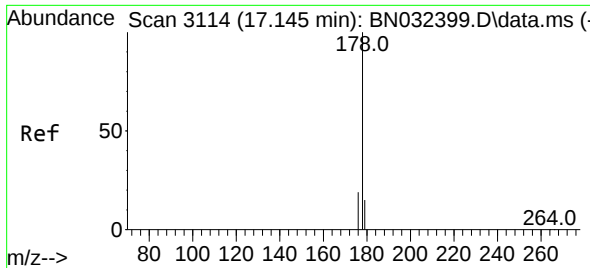


#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.045 min Scan# 3090
Delta R.T. -0.021 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36



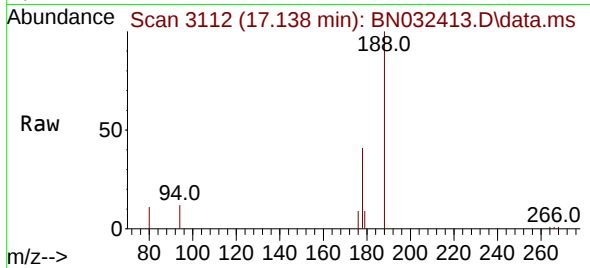
Tgt Ion:178 Resp: 26175
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.6 23.4





#16
 Anthracene
 Concen: 0.071 ng/ul
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.021 min
 Lab File: BN032413.D
 Acq: 02 Jul 2024 22:36

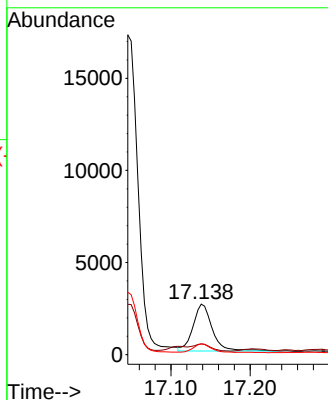
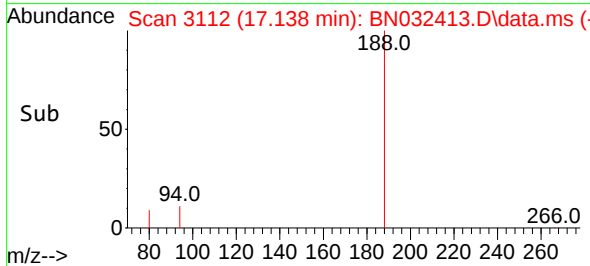
Instrument :
 BNA_N
 ClientSampleId :
 A4C58DL



Tgt Ion:178 Resp: 4329
 Ion Ratio Lower Upper
 178 100
 179 21.2 12.5 18.7
 176 21.5 15.0 22.6

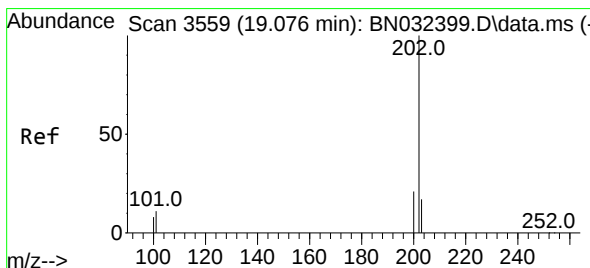
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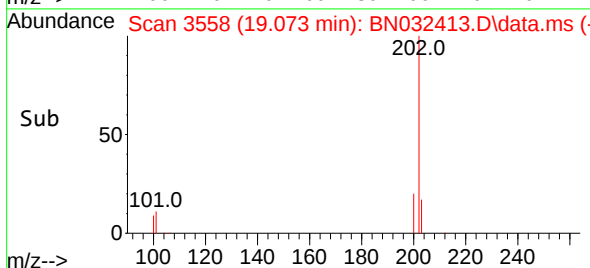
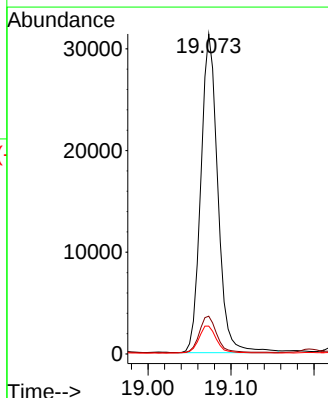
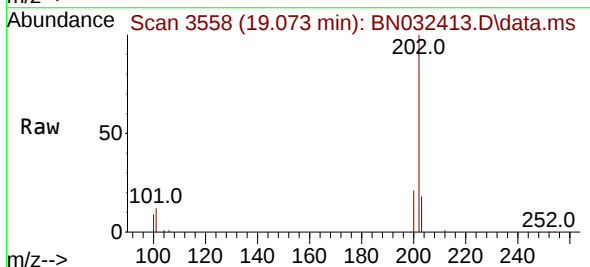
07/03/2024
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 ahmed

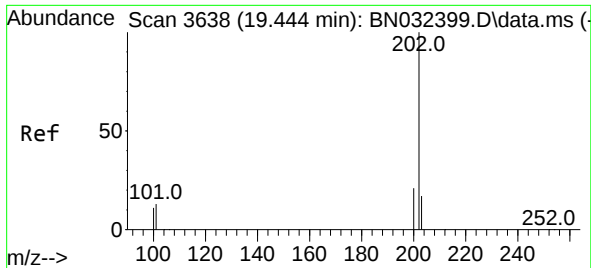
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#19
 Fluoranthene
 Concen: 0.691 ng/ul
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032413.D
 Acq: 02 Jul 2024 22:36

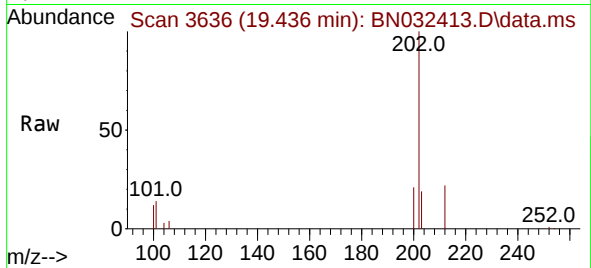
Tgt Ion:202 Resp: 44697
 Ion Ratio Lower Upper
 202 100
 101 11.8 8.8 13.2
 100 8.7 6.4 9.6





#20
Pyrene
Concen: 0.545 ng/ul
RT: 19.436 min Scan# 30
Delta R.T. -0.019 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Instrument :
BNA_N
ClientSampleId :
A4C58DL



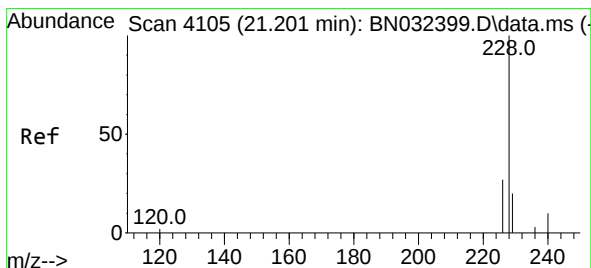
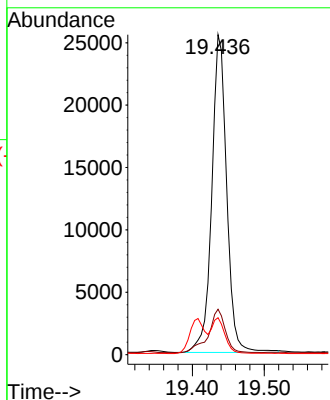
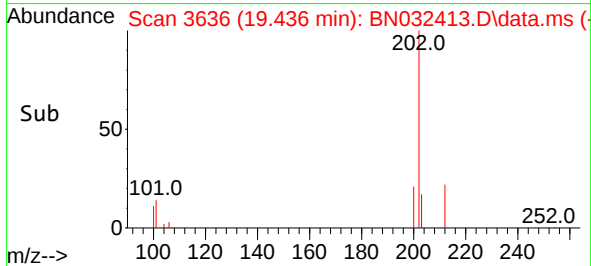
Tgt Ion:202 Resp: 3684
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 11.6 8.7 13.1

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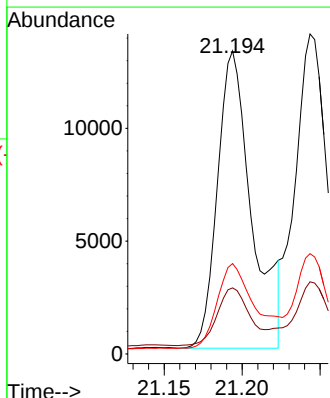
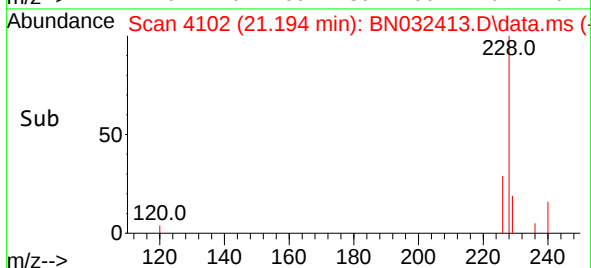
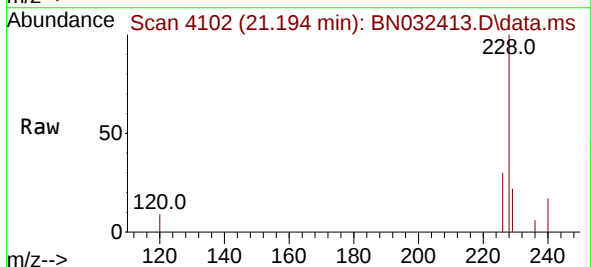
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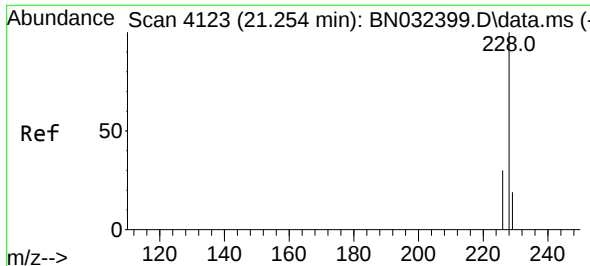
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#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.021 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

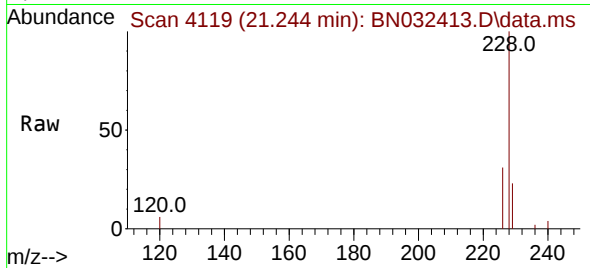
Tgt Ion:228 Resp: 20070
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 29.8 21.8 32.8





#22
Chrysene
Concen: 0.305 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. -0.024 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Instrument :
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ClientSampleId :
A4C58DL



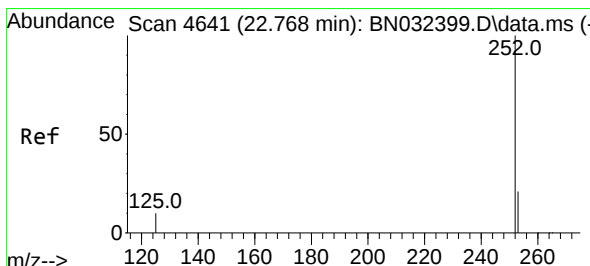
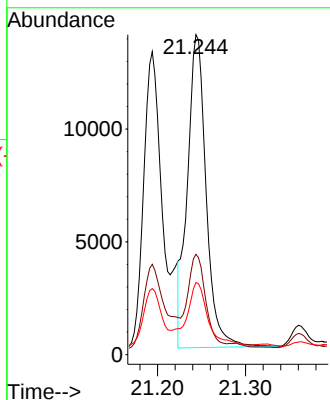
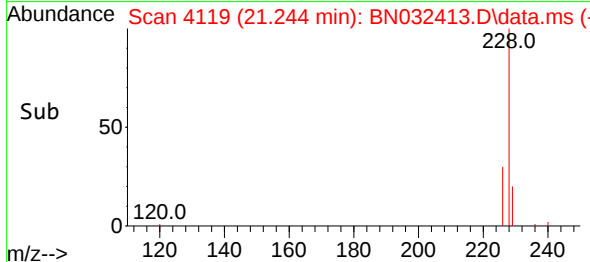
Tgt Ion:228 Resp: 20495
Ion Ratio Lower Upper
228 100
226 31.3 23.6 35.4
229 22.5 15.7 23.5

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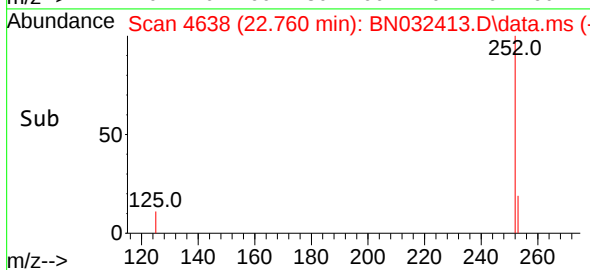
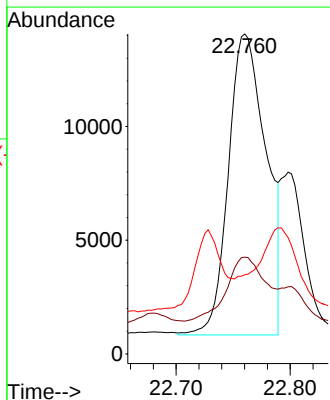
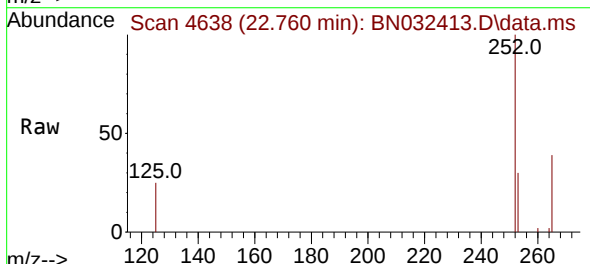
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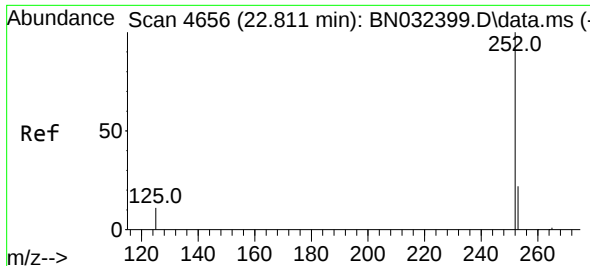
07/04/2024



#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. -0.024 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

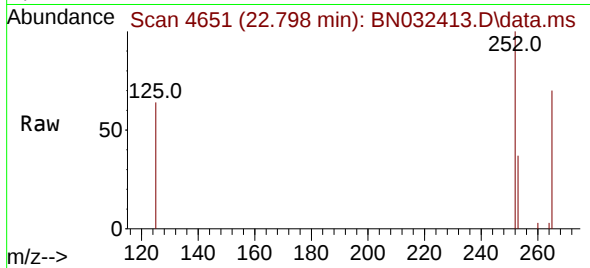
Tgt Ion:252 Resp: 30531
Ion Ratio Lower Upper
252 100
253 30.3 0.0 50.2
125 24.8 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.029 min
Lab File: BN032413.D
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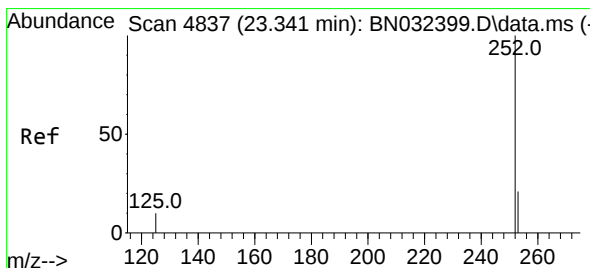
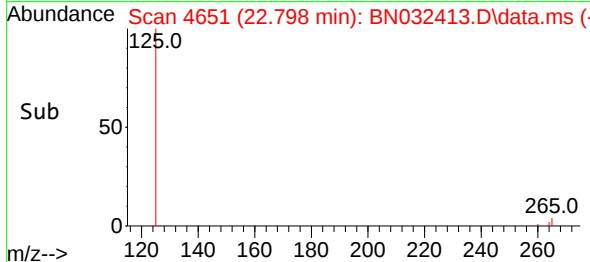
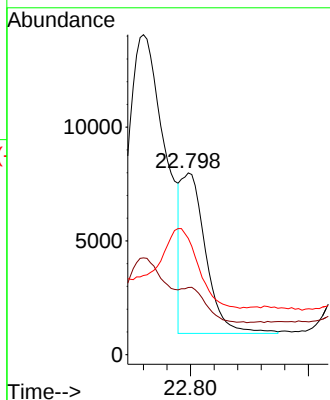
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Ion Ratio Lower Upper
252 100
253 36.9 20.3 30.5#
125 64.0 12.8 19.2#

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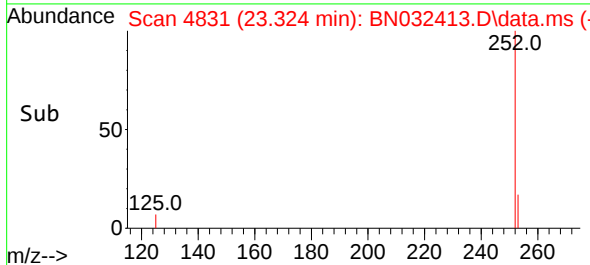
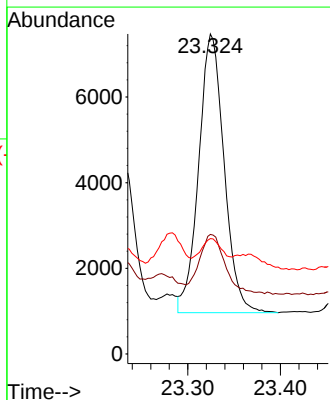
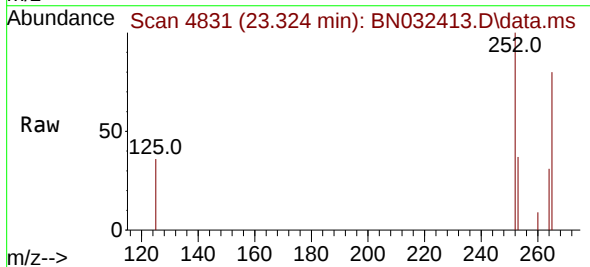
07/03/2024
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ahmed

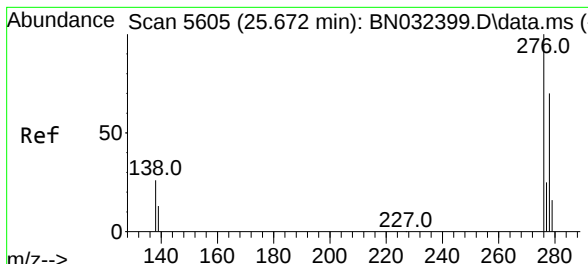
07/04/2024



#26
Benzo(a)pyrene
Concen: 0.199 ng/ul
RT: 23.324 min Scan# 4831
Delta R.T. -0.035 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

Tgt Ion:252 Resp: 12413
Ion Ratio Lower Upper
252 100
253 37.3 22.2 33.2#
125 36.1 16.4 24.6#





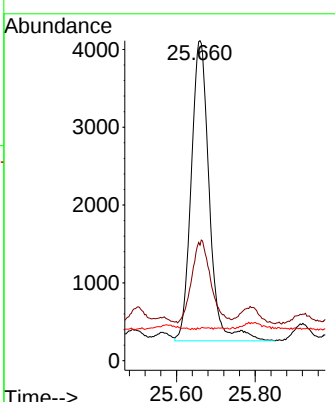
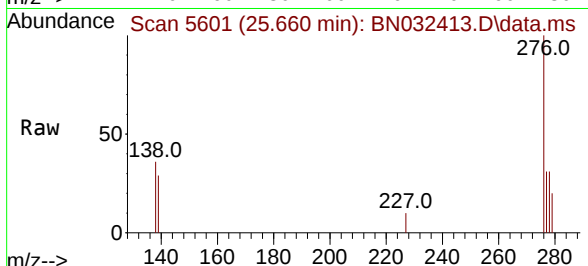
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.126 ng/ul
 RT: 25.660 min Scan# 5601
 Delta R.T. -0.040 min
 Lab File: BN032413.D
 Acq: 02 Jul 2024 22:36

Instrument : BNA_N
 ClientSampleId : A4C58DL

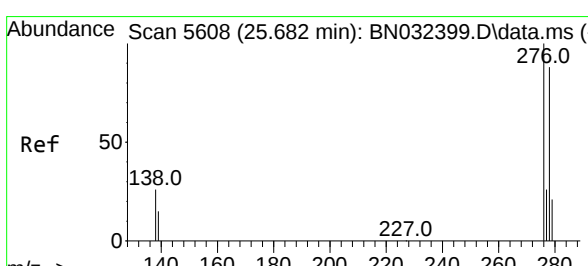
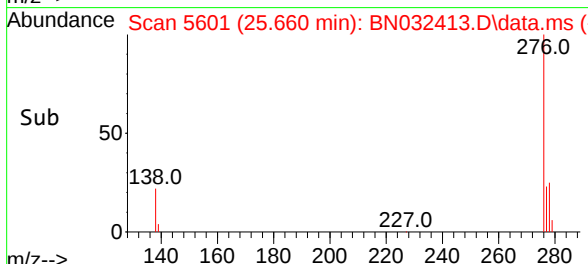
Tgt Ion: 276 Resp: 1228

Ion	Ratio	Lower	Upper
276	100		
138	29.1	21.3	31.9
227	0.4	0.1	0.1

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 Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



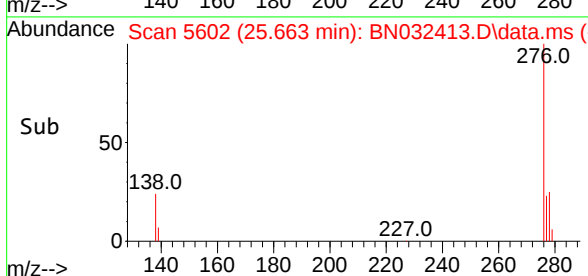
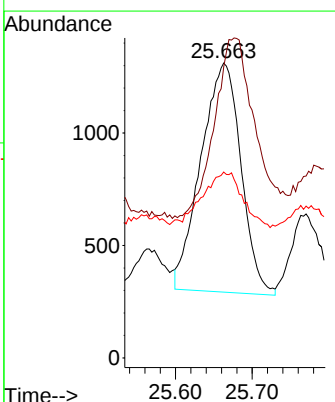
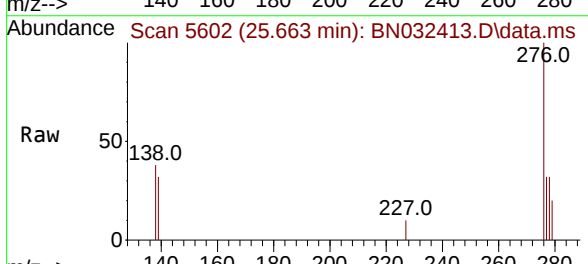
07/03/2024
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 07/04/2024

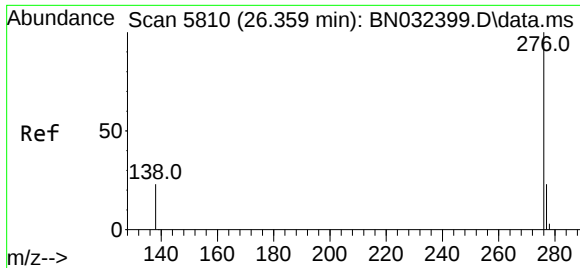


#28
 Dibenzo(a,h)anthracene
 Concen: 0.051 ng/ul
 RT: 25.663 min Scan# 5602
 Delta R.T. -0.047 min
 Lab File: BN032413.D
 Acq: 02 Jul 2024 22:36

Tgt Ion: 278 Resp: 3700

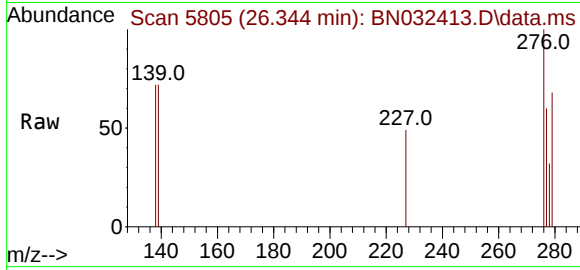
Ion	Ratio	Lower	Upper
278	100		
139	98.6	15.9	23.9
279	63.1	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 26.344 min Scan# 5805
Delta R.T. -0.037 min
Lab File: BN032413.D
Acq: 02 Jul 2024 22:36

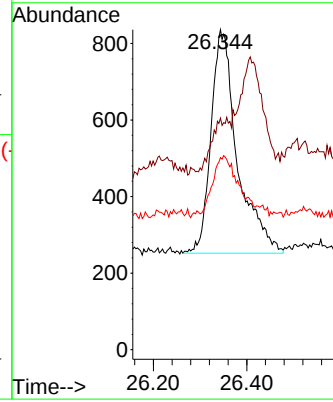
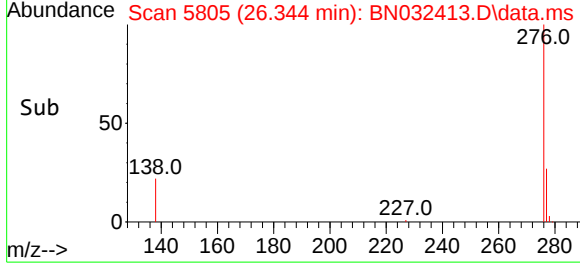
Instrument :
BNA_N
ClientSampleId :
A4C58DL



Tgt Ion: 276 Resp: 229
Ion Ratio Lower Upper
276 100
138 72.4 19.8 29.6
277 60.0 19.8 29.6

Manual Integrations
APPROVED

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Supervised By : mohammad ahmed 07/04/2024



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07/04/2024