

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029745.D
 Acq On : 13 Feb 2024 23:04
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FN3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 14 00:15:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	208669	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	809395	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	377870	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	685296	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	630098	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	766843	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	31516	4.968	ng/uL	0.00
4) Pyridine-d5	3.734	84	235590	13.925	ng/u1	0.00
7) Phenol-d5	7.040	99	473558	24.263	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	343911	26.402	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	390663	27.621	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	248776	17.091	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	182534	29.057	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	173920	31.789	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	291537	26.996	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	386042	20.954	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	796006	28.295	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	983686	29.443	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	80615	15.098	ng/u1	0.00
60) Fluorene-d10	15.510	176	693495	28.977	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	60233	18.038	ng/u1	0.00
73) Anthracene-d10	17.363	188	869758	27.081	ng/u1	0.00
81) Pyrene-d10	19.663	212	983413	26.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	819074	21.346	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.699	105	37269	1.609	ng/u1	96
52) Acenaphthene	14.575	153	28191	1.064	ng/u1	95
72) Phenanthrene	17.310	178	866229	21.852	ng/u1	99
74) Anthracene	17.398	178	155771	3.915	ng/u1	97
77) Carbazole	17.675	167	84468	2.325	ng/u1	97
80) Fluoranthene	19.333	202	3032102	66.012	ng/u1	99
82) Pyrene	19.692	202	2446013	50.337	ng/u1	99
85) Benzo(a)anthracene	21.451	228	1669187	36.061	ng/u1	96
87) Chrysene	21.504	228	1631303	37.606	ng/u1	99
90) Benzo(b)fluoranthene	23.121	252	2143276	44.373	ng/u1	100
91) Benzo(k)fluoranthene	23.163	252	1021304m	20.658	ng/u1	
93) Benzo(a)pyrene	23.733	252	911831	19.685	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.280	276	707700	12.547	ng/u1	98
95) Dibenzo(a,h)anthracene	26.304	278	239106	5.192	ng/u1	95
96) Benzo(g,h,i)perylene	27.027	276	56674m	1.201	ng/u1	

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

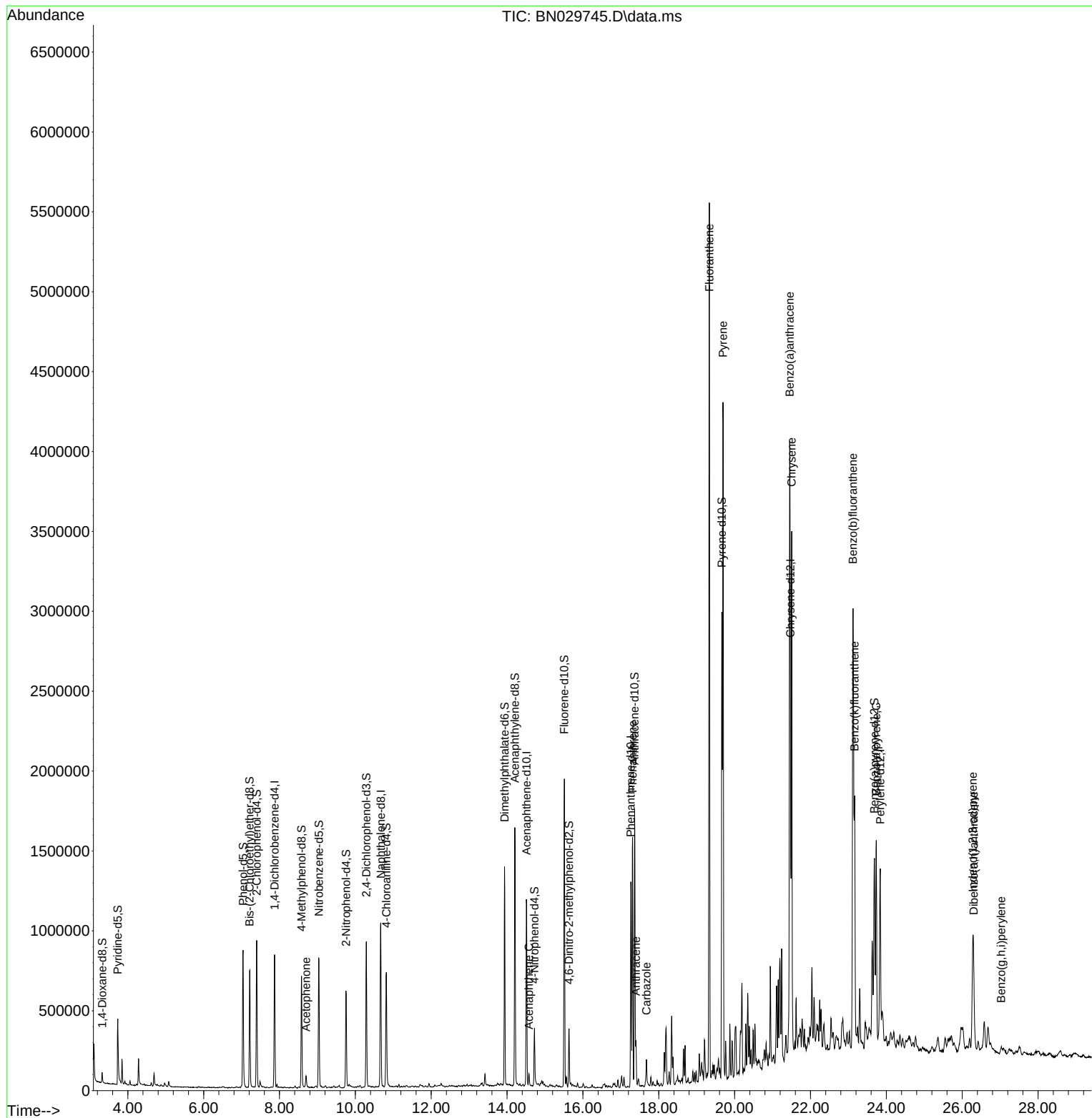
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

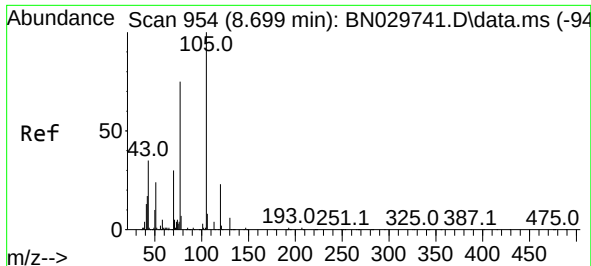
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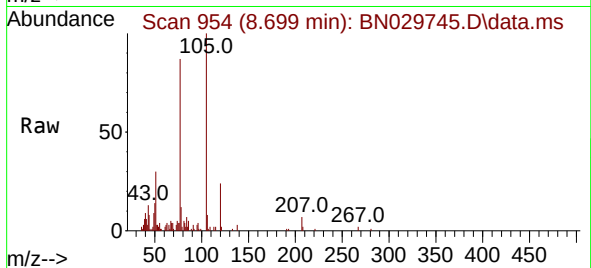
Quant Time: Feb 14 00:15:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 13 22:50:45 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.609 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029745.D
Acq: 13 Feb 2024 23:04

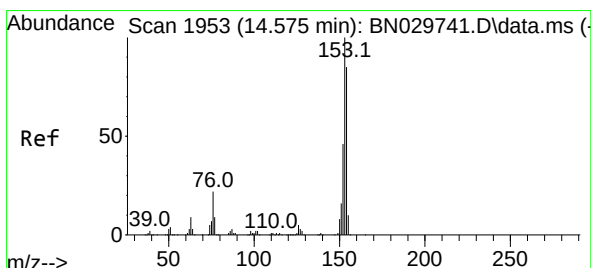
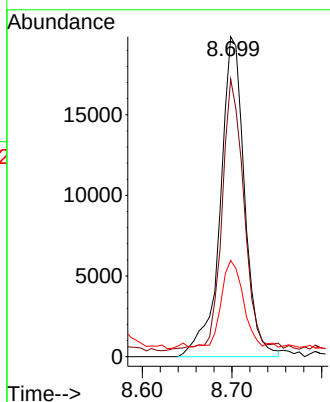
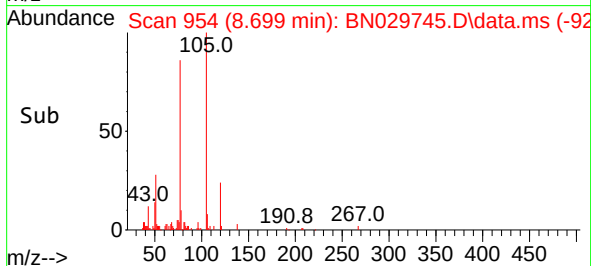
Instrument :
BNA_N
ClientSampleId :
COFN3



Tgt Ion:105 Resp: 37269
Ion Ratio Lower Upper
105 100
77 86.7 67.4 101.0
51 30.1 20.7 31.1

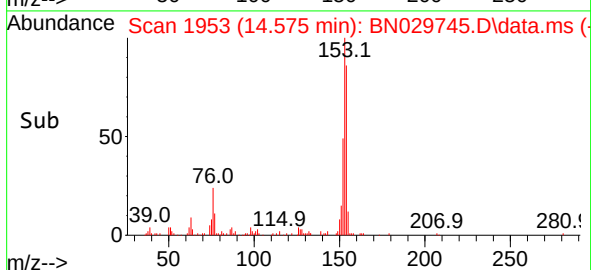
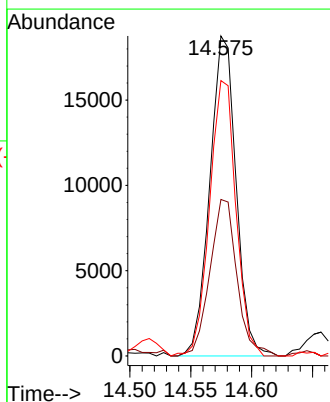
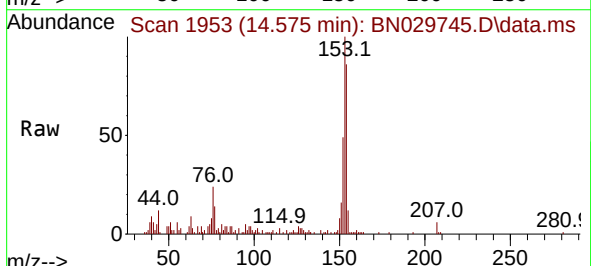
Manual Integrations
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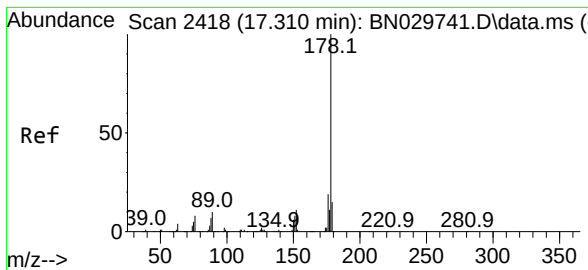
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024



#52
Acenaphthene
Concen: 1.064 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BN029745.D
Acq: 13 Feb 2024 23:04

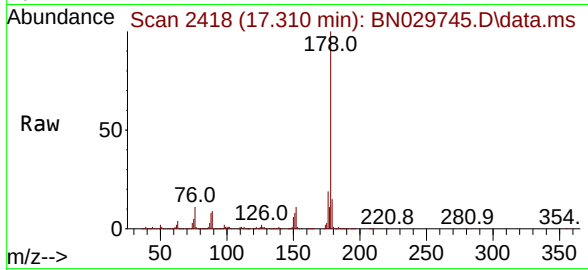
Tgt Ion:153 Resp: 28191
Ion Ratio Lower Upper
153 100
152 48.9 39.2 58.8
154 86.1 74.6 111.8





#72
Phenanthrene
Concen: 21.852 ng/ul
RT: 17.310 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BN029745.D
Acq: 13 Feb 2024 23:04

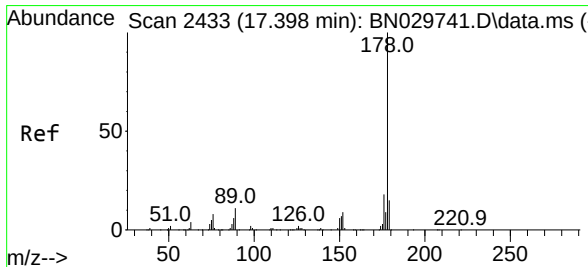
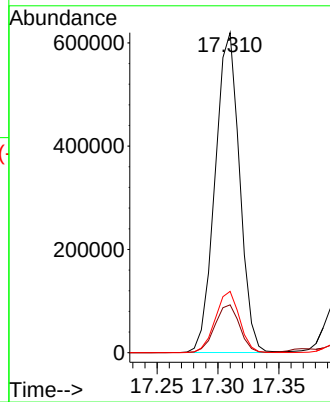
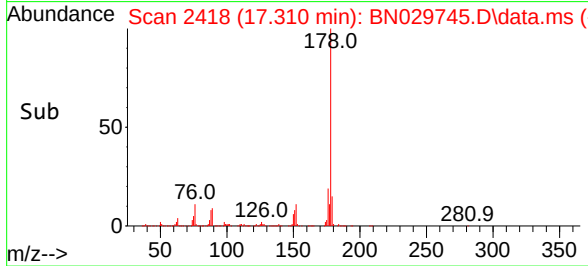
Instrument :
BNA_N
ClientSampleId :
C0FN3



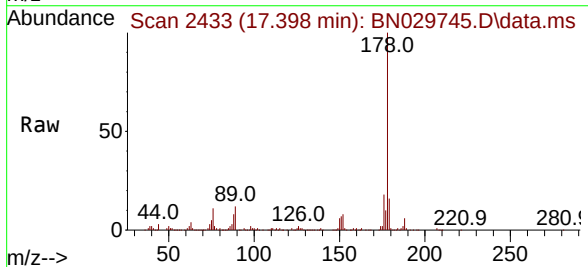
Tgt Ion:178 Resp: 866229
Ion Ratio Lower Upper
178 100
179 15.0 12.5 18.7
176 19.1 15.7 23.5

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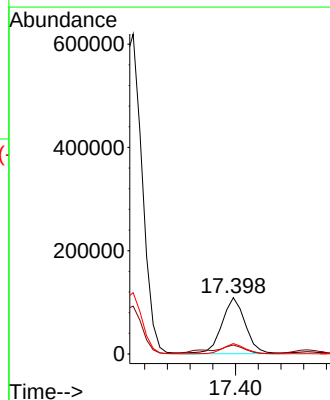
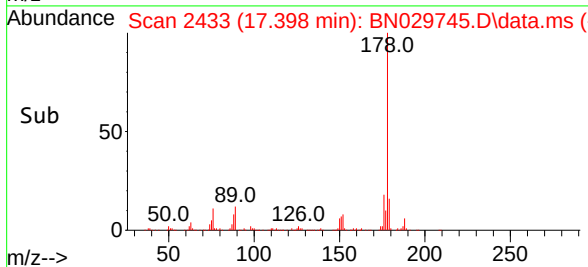
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

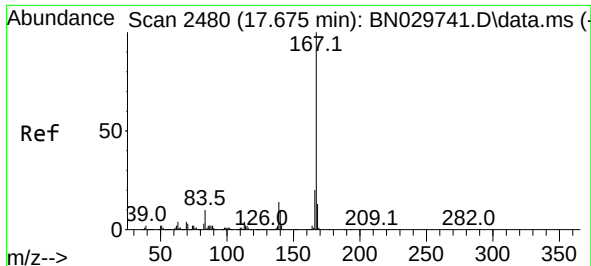


#74
Anthracene
Concen: 3.915 ng/ul
RT: 17.398 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN029745.D
Acq: 13 Feb 2024 23:04



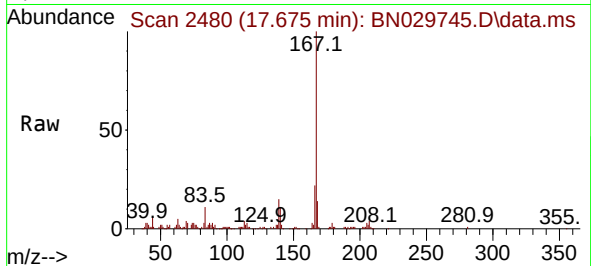
Tgt Ion:178 Resp: 155771
Ion Ratio Lower Upper
178 100
179 16.0 11.6 17.4
176 18.5 14.2 21.2





#77
 Carbazole
 Concen: 2.325 ng/ul
 RT: 17.675 min Scan# 2480
 Delta R.T. -0.000 min
 Lab File: BN029745.D
 Acq: 13 Feb 2024 23:04

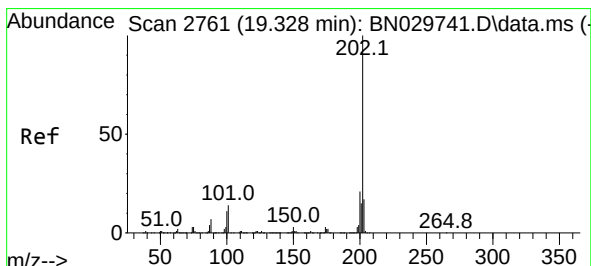
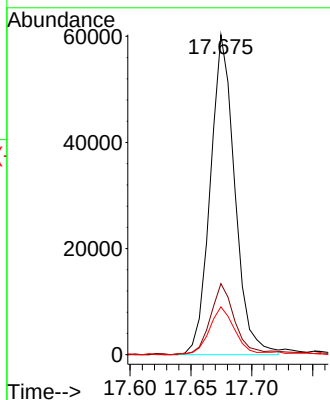
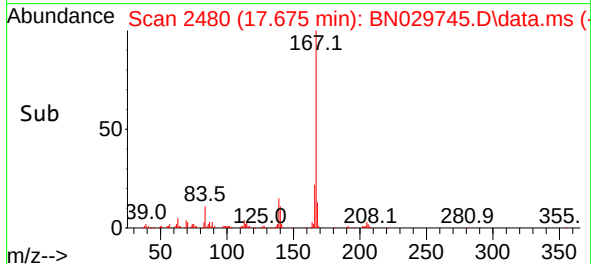
Instrument :
 BNA_N
 ClientSampleId :
 C0FN3



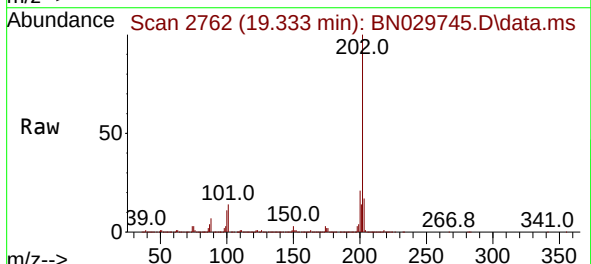
Tgt Ion:167 Resp: 84468
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.6 25.0
 139 15.0 11.4 17.0

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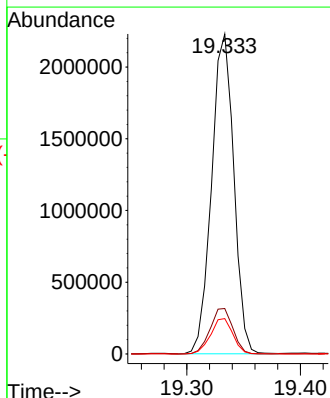
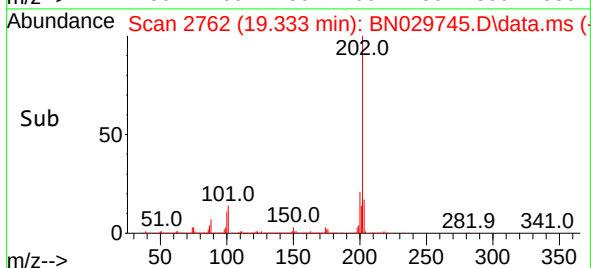
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024

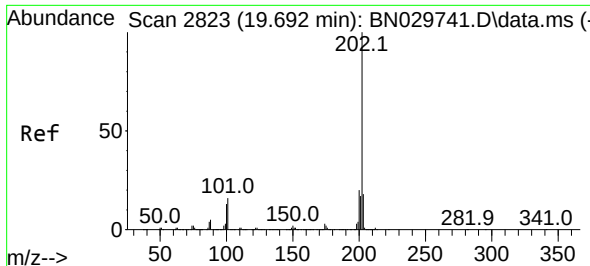


#80
 Fluoranthene
 Concen: 66.012 ng/ul
 RT: 19.333 min Scan# 2762
 Delta R.T. 0.006 min
 Lab File: BN029745.D
 Acq: 13 Feb 2024 23:04



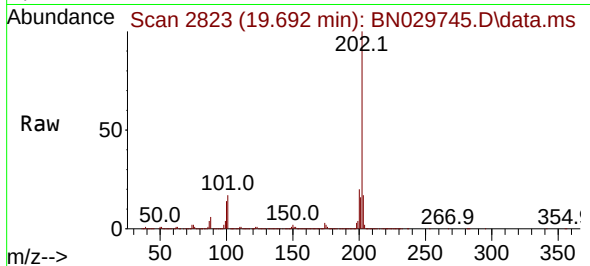
Tgt Ion:202 Resp: 3032102
 Ion Ratio Lower Upper
 202 100
 101 14.2 11.1 16.7
 100 11.0 8.9 13.3





#82
Pyrene
Concen: 50.337 ng/ul
RT: 19.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029745.D
Acq: 13 Feb 2024 23:04

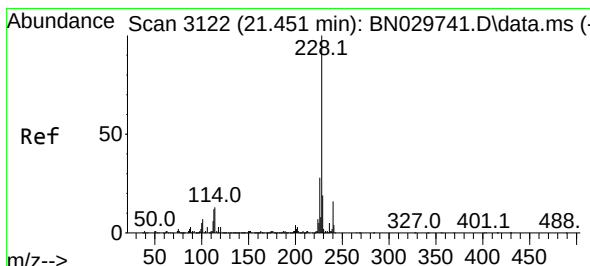
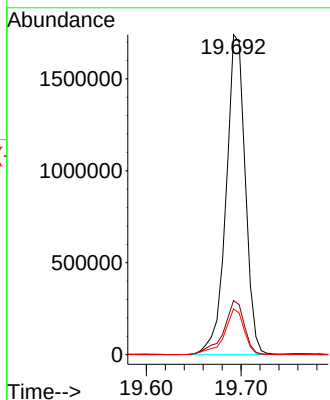
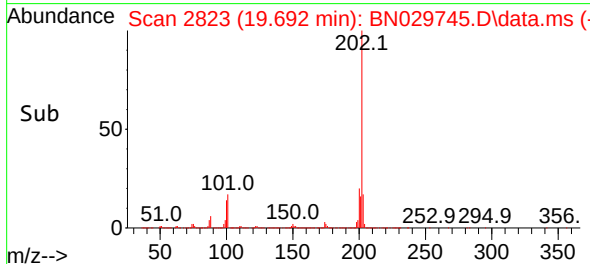
Instrument :
BNA_N
ClientSampleId :
C0FN3



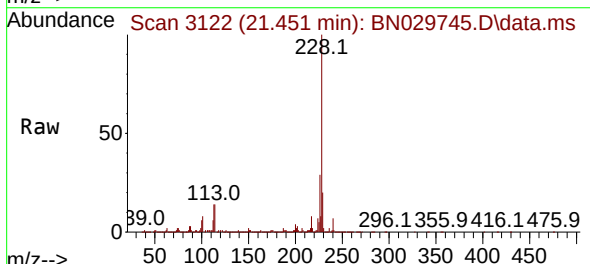
Tgt Ion:202 Resp: 2446011
Ion Ratio Lower Upper
202 100
101 16.9 14.2 21.4
100 14.3 11.4 17.2

Manual Integrations
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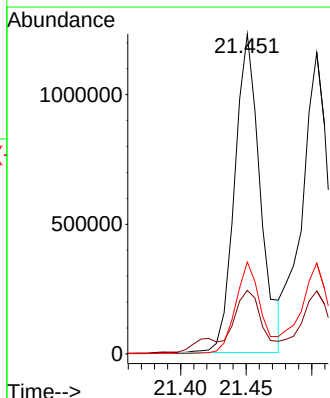
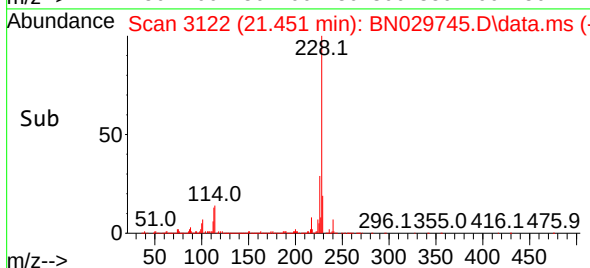
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

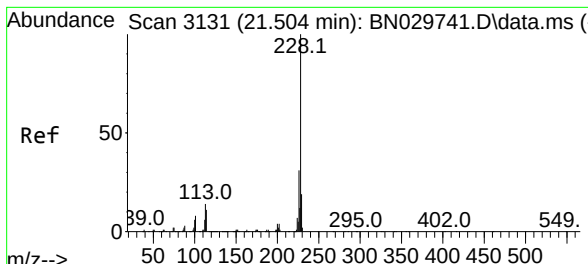


#85
Benzo(a)anthracene
Concen: 36.061 ng/ul
RT: 21.451 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN029745.D
Acq: 13 Feb 2024 23:04



Tgt Ion:228 Resp: 1669187
Ion Ratio Lower Upper
228 100
229 19.8 15.0 22.6
226 28.7 21.0 31.6





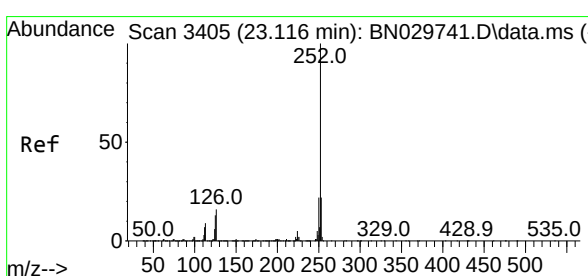
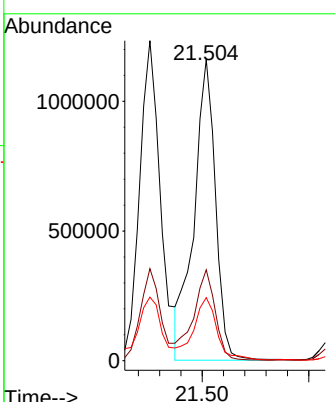
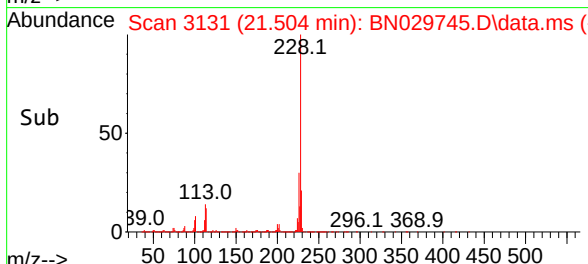
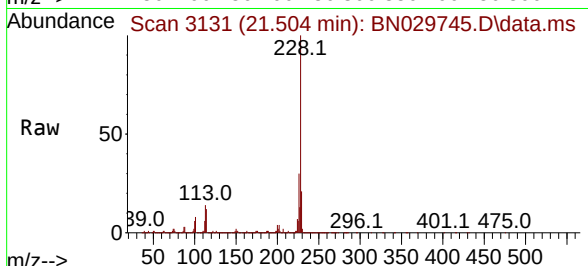
#87
Chrysene
 Concen: 37.606 ng/u1
 RT: 21.504 min Scan# 3131
 Delta R.T. -0.000 min
 Lab File: BN029745.D
 Acq: 13 Feb 2024 23:04

Instrument :
 BNA_N
ClientSampleId :
 C0FN3

Tgt Ion:228 Resp: 163130

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	20.9	16.2	24.4

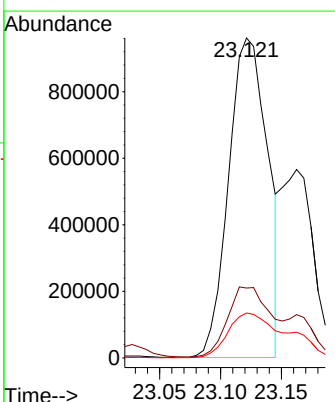
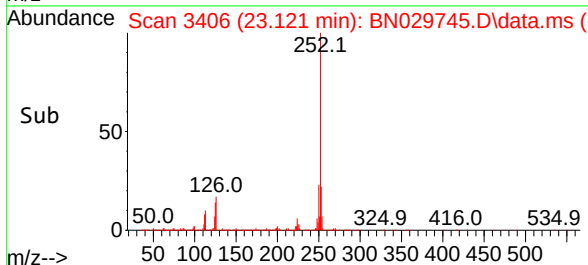
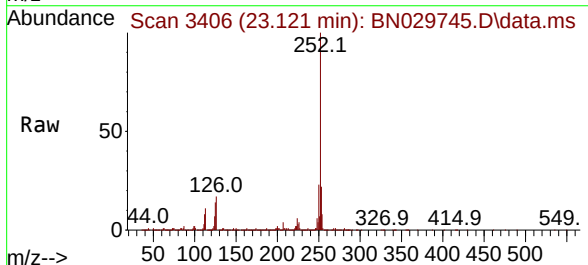
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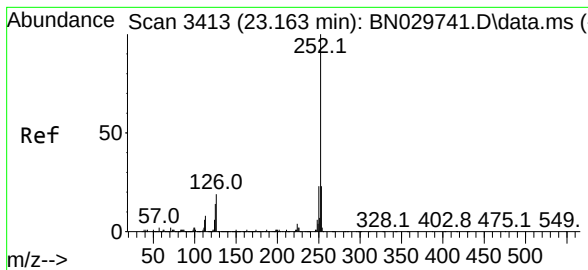


#90
Benzo(b)fluoranthene
 Concen: 44.373 ng/u1
 RT: 23.121 min Scan# 3406
 Delta R.T. 0.006 min
 Lab File: BN029745.D
 Acq: 13 Feb 2024 23:04

Tgt Ion:252 Resp: 2143276

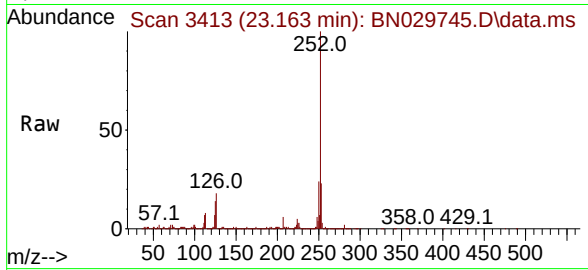
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.0	11.1	16.7





#91
Benzo(k)fluoranthene
Concen: 20.658 ng/ul m
RT: 23.163 min Scan# 3413
Delta R.T. -0.000 min
Lab File: BN029745.D
Acq: 13 Feb 2024 23:04

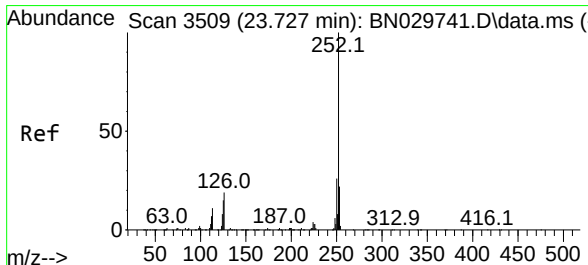
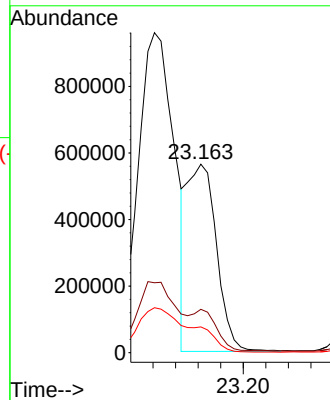
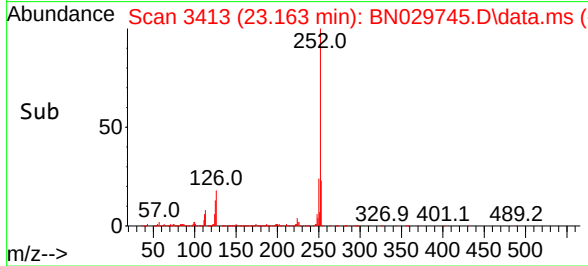
Instrument :
BNA_N
ClientSampleId :
C0FN3



Tgt Ion:252 Resp: 1021304
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 13.7 11.2 16.8

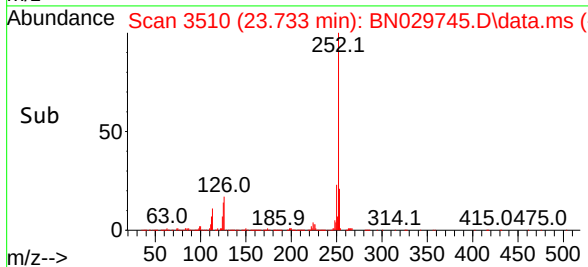
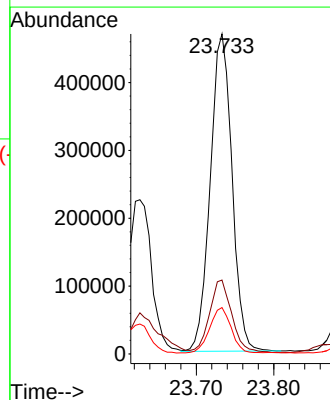
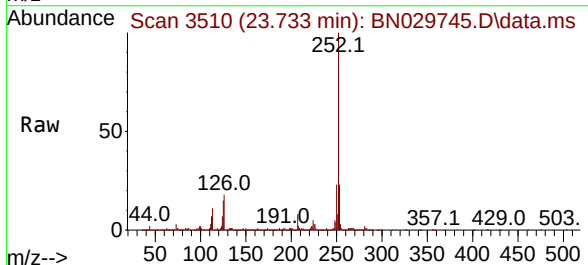
Manual Integrations
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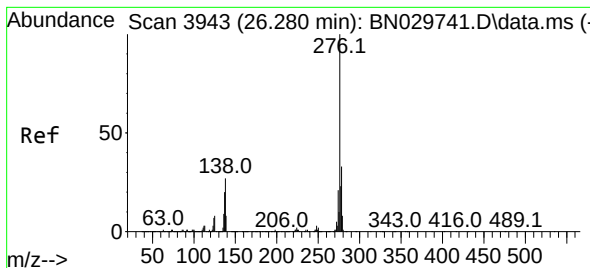
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024



#93
Benzo(a)pyrene
Concen: 19.685 ng/ul
RT: 23.733 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BN029745.D
Acq: 13 Feb 2024 23:04

Tgt Ion:252 Resp: 911831
Ion Ratio Lower Upper
252 100
253 23.1 18.8 28.2
125 14.5 12.2 18.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 12.547 ng/ul

RT: 26.280 min Scan# 3943

Delta R.T. -0.000 min

Lab File: BN029745.D

Acq: 13 Feb 2024 23:04

Instrument :

BNA_N

ClientSampleId :

C0FN3

Tgt Ion:276 Resp: 707700

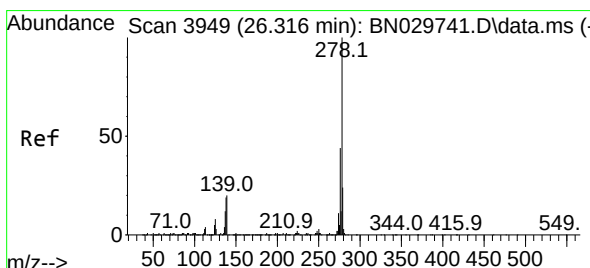
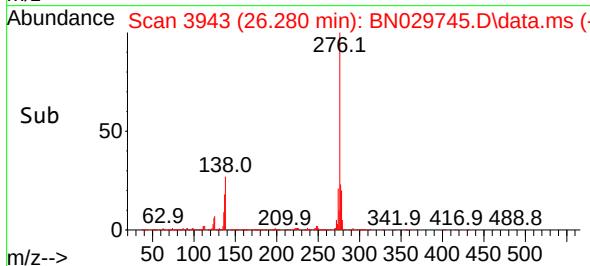
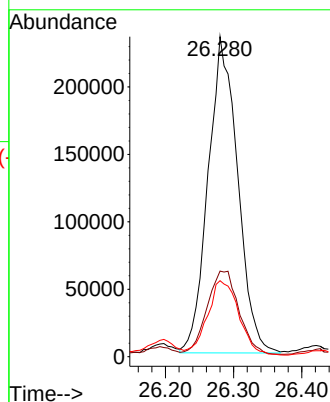
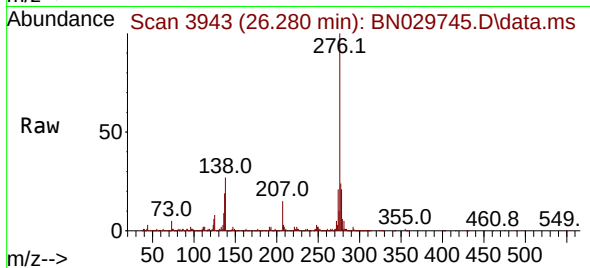
Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.7	32.5
277	23.8	17.8	26.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/17/2024



#95

Dibenzo(a,h)anthracene

Concen: 5.192 ng/ul

RT: 26.304 min Scan# 3947

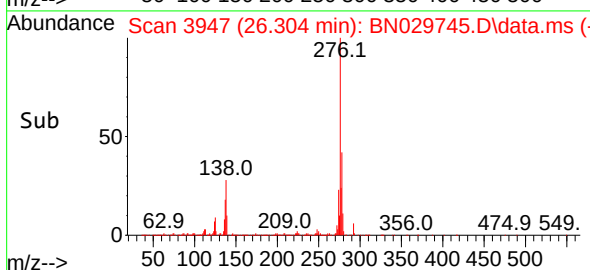
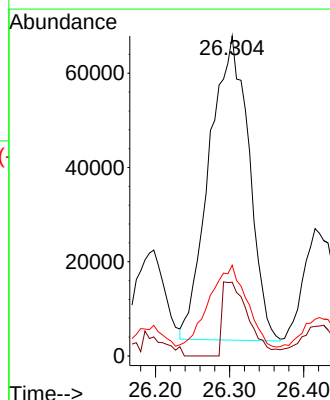
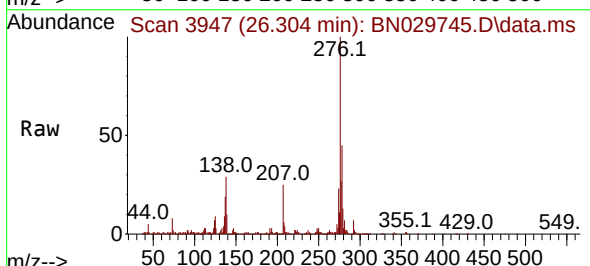
Delta R.T. -0.012 min

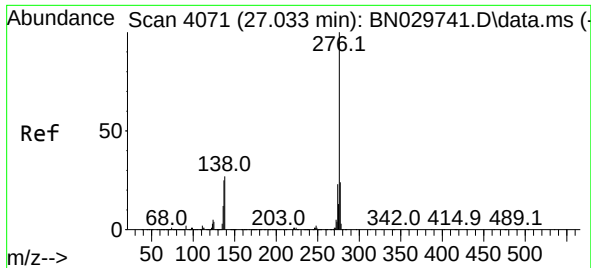
Lab File: BN029745.D

Acq: 13 Feb 2024 23:04

Tgt Ion:278 Resp: 239106

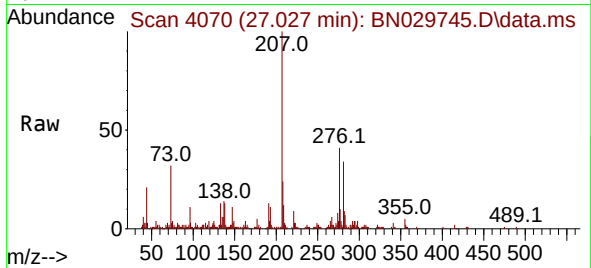
Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.8	26.6
279	28.3	19.4	29.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.201 ng/ul m
 RT: 27.027 min Scan# 4070
 Delta R.T. -0.006 min
 Lab File: BN029745.D
 Acq: 13 Feb 2024 23:04

Instrument :
 BNA_N
 ClientSampleId :
 C0FN3



Tgt Ion:	276	Resp:	56674
Ion Ratio	Lower	Upper	
276	100		
138	32.4	23.9	35.9
277	25.3	18.6	28.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024

