

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028772.D
 Acq On : 19 Nov 2023 12:14
 Operator : MA/JU
 Sample : 05370-11MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ6MS

Quant Time: Nov 20 01:35:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 20 01:23:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	5365m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.505	136	16664	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.320	164	10834	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.089	188	17998	0.400	ng/ul	0.00
17) Chrysene-d12	21.288	240	15048	0.400	ng/ul	# 0.00
23) Perylene-d12	23.571	264	12618	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2563	0.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.122	152	6733	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.116	212	31860	0.658	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.150	88	6859	1.047	ng/ul#	91
5) Naphthalene	10.554	128	17416	0.373	ng/ul	96
7) 2-Methylnaphthalene	12.199	142	7646	0.249	ng/ul	96
8) 1-Methylnaphthalene	12.369	142	10600	0.339	ng/ul	100
10) Acenaphthylene	14.047	152	23363	0.432	ng/ul	98
11) Acenaphthene	14.385	153	18892	0.475	ng/ul	99
12) Fluorene	15.393	166	17646	0.381	ng/ul	98
14) Pentachlorophenol	16.738	266	3982	0.922	ng/ul	99
15) Phenanthrene	17.127	178	28517	0.516	ng/ul	98
16) Anthracene	17.232	178	17168	0.339	ng/ul	97
19) Fluoranthene	19.144	202	37522	0.586	ng/ul	99
20) Pyrene	19.507	202	42321	0.638	ng/ul	97
21) Benzo(a)anthracene	21.277	228	22871	0.384	ng/ul	99
22) Chrysene	21.329	228	29375	0.505	ng/ul	99
24) Benzo(b)fluoranthene	22.881	252	25068	0.529	ng/ul	90
25) Benzo(k)fluoranthene	22.931	252	30569	0.616	ng/ul	95
26) Benzo(a)pyrene	23.475	252	24794	0.555	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.919	276	29712	0.599	ng/ul	97
28) Dibenzo(a,h)anthracene	25.943	278	22833	0.576	ng/ul	97
29) Benzo(g,h,i)perylene	26.627	276	25744	0.633	ng/ul	97

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

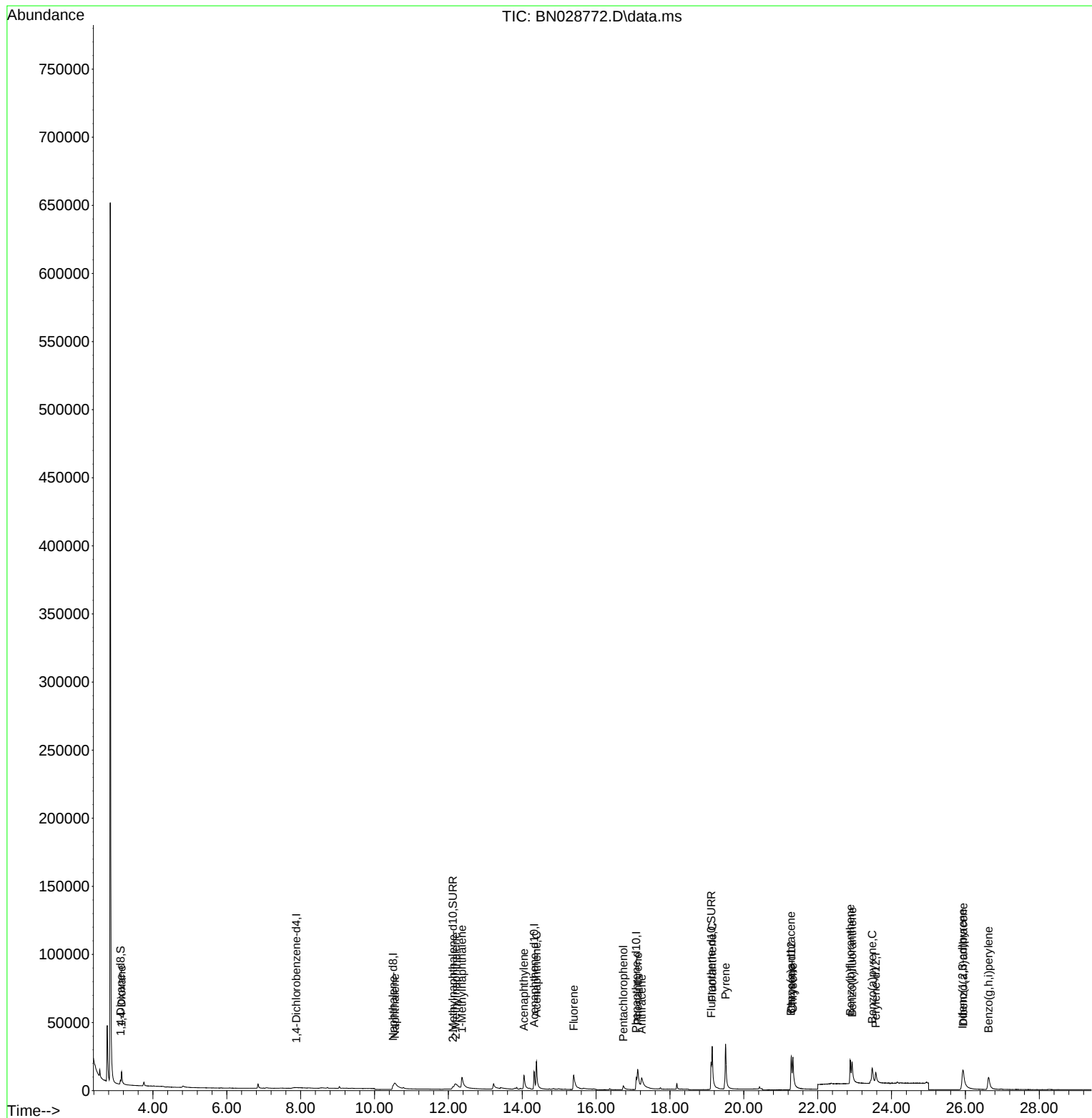
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028772.D
Acq On : 19 Nov 2023 12:14
Operator : MA/JU
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ALS Vial : 74 Sample Multiplier: 1

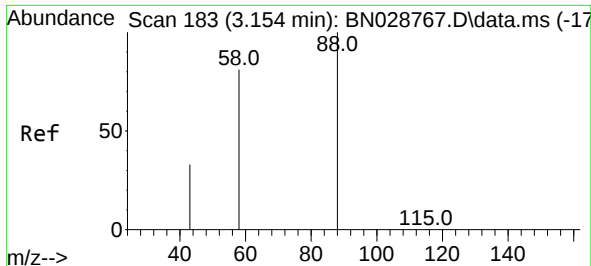
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS

Quant Time: Nov 20 01:35:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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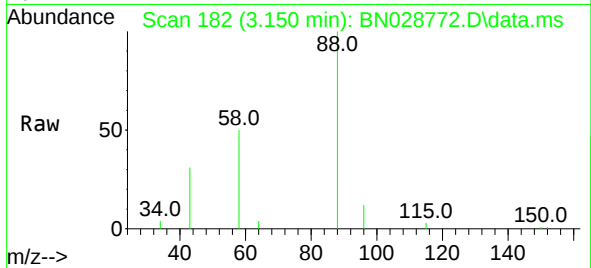
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023





#2
1,4-Dioxane
Concen: 1.047 ng/ul
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

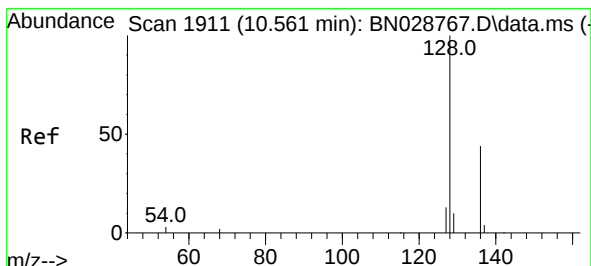
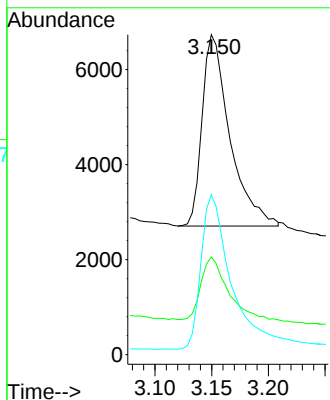
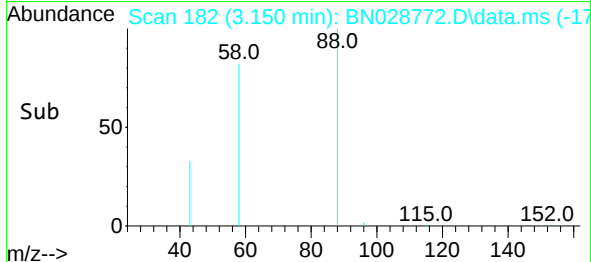
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS



Tgt Ion: 88 Resp: 6859
Ion Ratio Lower Upper
88 100
43 30.6 32.9 49.3
58 50.0 41.8 62.8

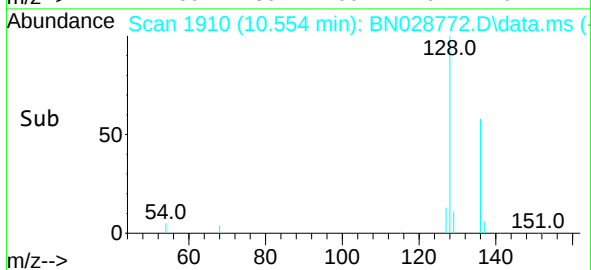
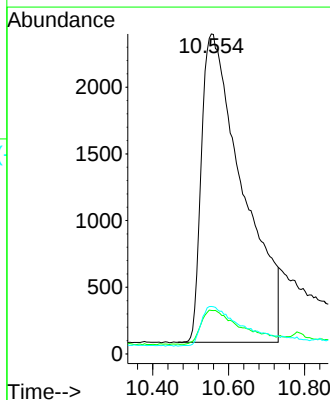
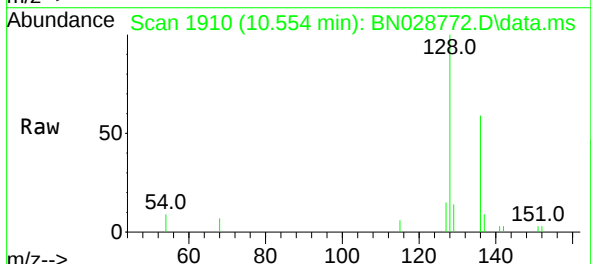
Manual Integrations
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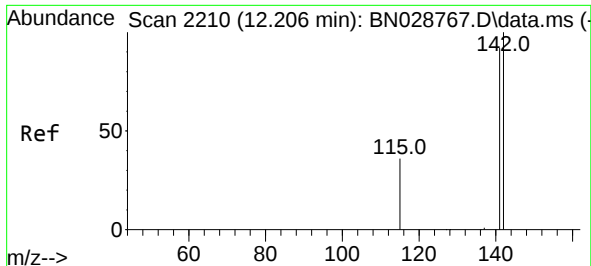
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.554 min Scan# 1910
Delta R.T. -0.007 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

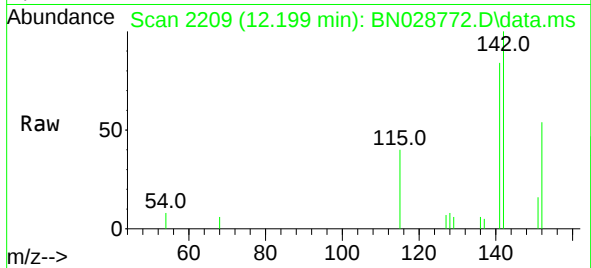
Tgt Ion:128 Resp: 17416
Ion Ratio Lower Upper
128 100
129 13.6 9.2 13.8
127 14.8 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.199 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

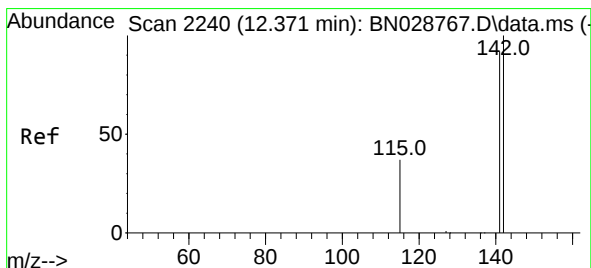
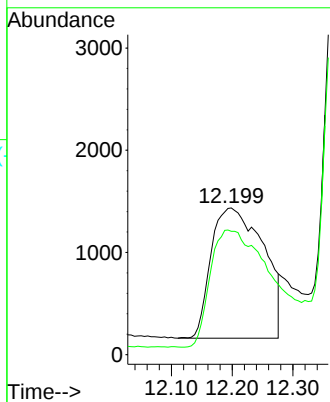
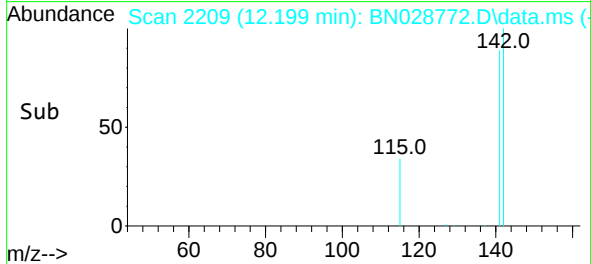
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS



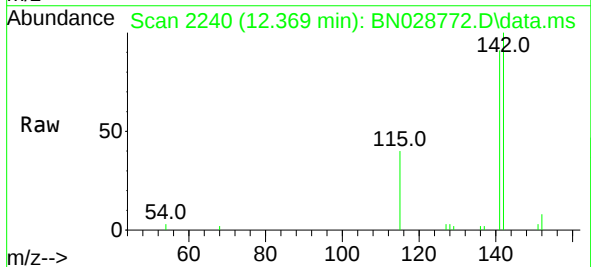
Tgt Ion:142 Resp: 7640
Ion Ratio Lower Upper
142 100
141 91.8 70.8 106.2

Manual Integrations
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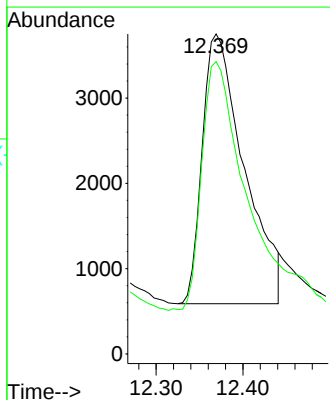
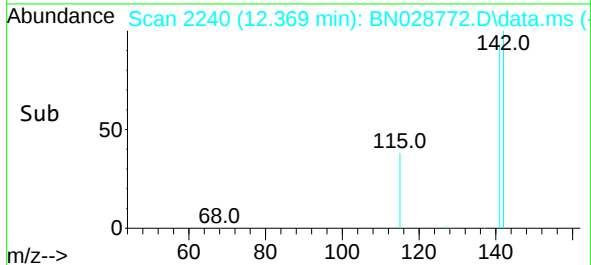
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

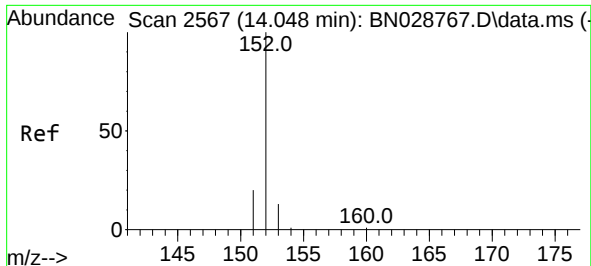


#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.369 min Scan# 2240
Delta R.T. -0.002 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14



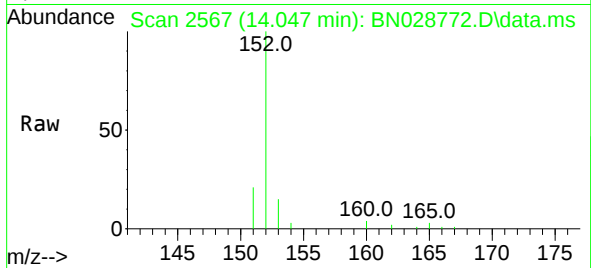
Tgt Ion:142 Resp: 10600
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1





#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 14.047 min Scan# 2567
Delta R.T. -0.001 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

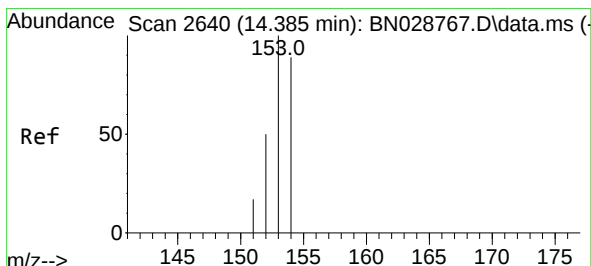
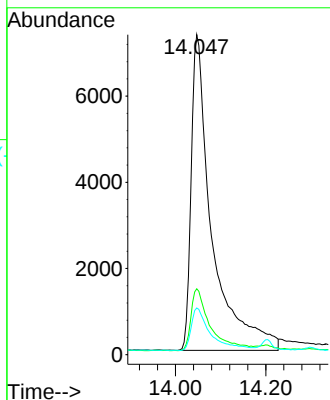
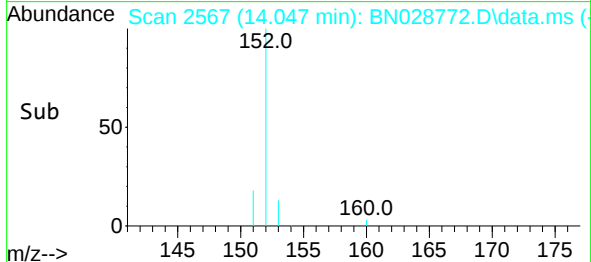
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS



Tgt Ion:152 Resp: 2336
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.6 10.6 15.8

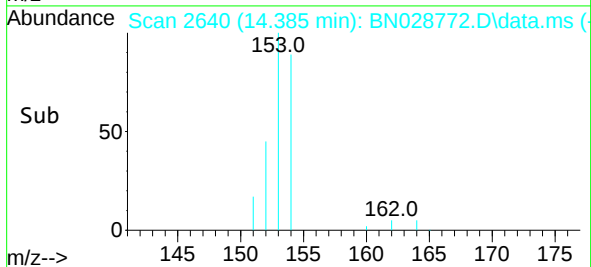
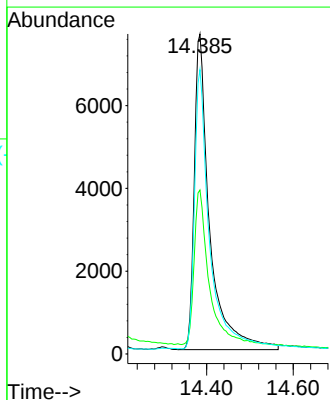
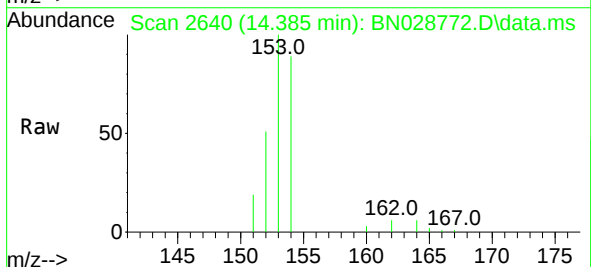
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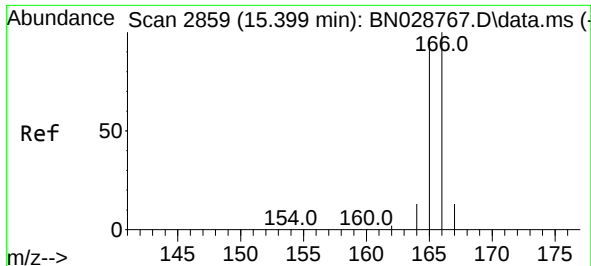
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.475 ng/ul
RT: 14.385 min Scan# 2640
Delta R.T. -0.001 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

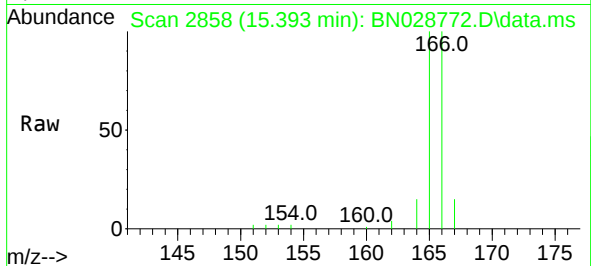
Tgt Ion:153 Resp: 18892
Ion Ratio Lower Upper
153 100
152 51.3 39.6 59.4
154 88.9 71.0 106.6





#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.393 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

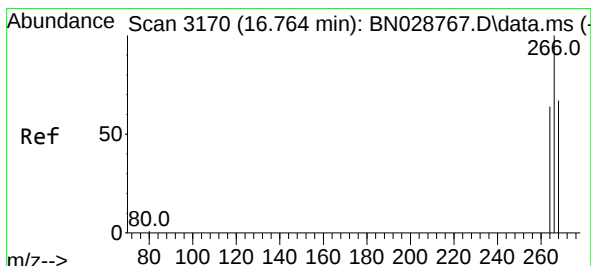
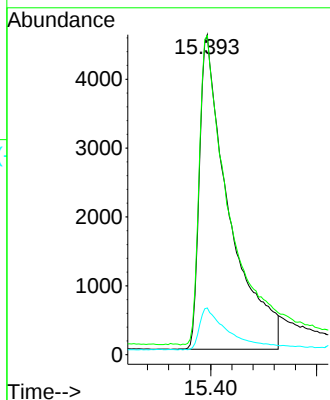
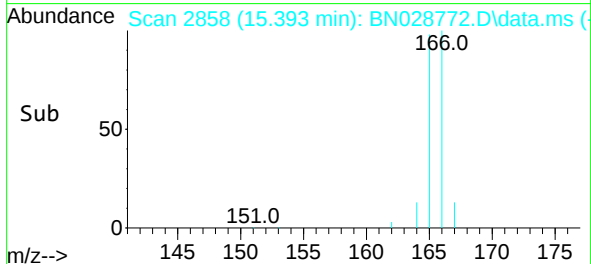
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS



Tgt Ion:166 Resp: 17640
Ion Ratio Lower Upper
166 100
165 99.7 78.6 118.0
167 14.6 11.0 16.6

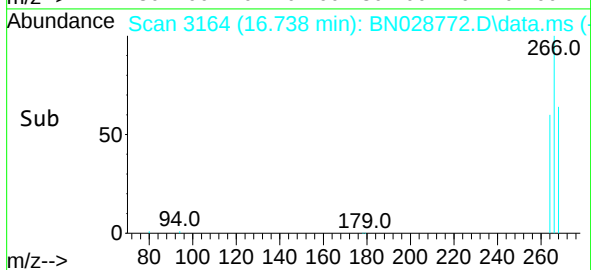
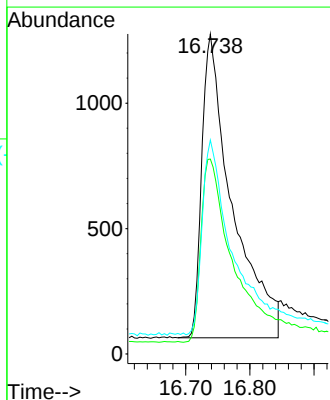
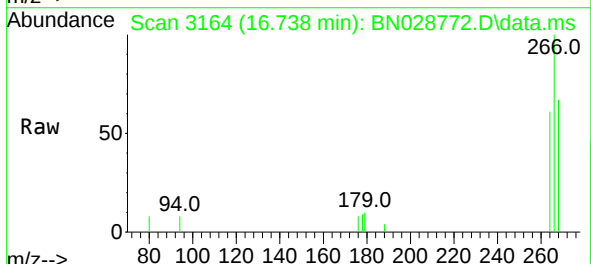
Manual Integrations
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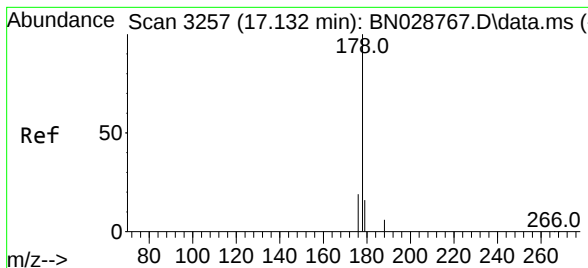
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.922 ng/ul
RT: 16.738 min Scan# 3164
Delta R.T. -0.026 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

Tgt Ion:266 Resp: 3982
Ion Ratio Lower Upper
266 100
264 63.2 50.1 75.1
268 63.9 50.6 75.8





#15

Phenanthrene

Concen: 0.516 ng/u1

RT: 17.127 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN028772.D

Acq: 19 Nov 2023 12:14

Instrument :

BNA_N

ClientSampleId :

GCDQ6MS

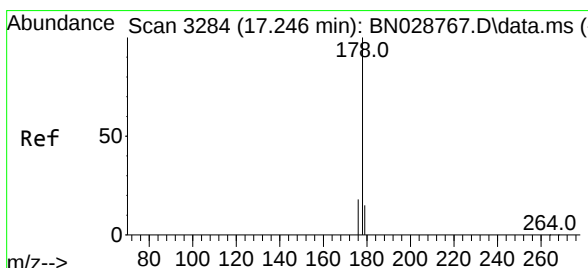
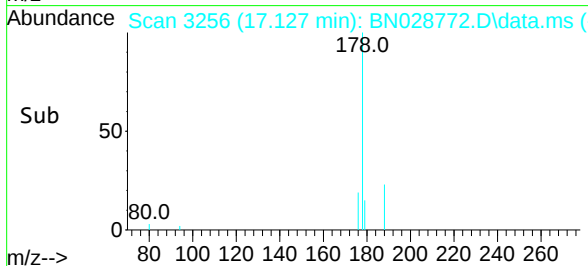
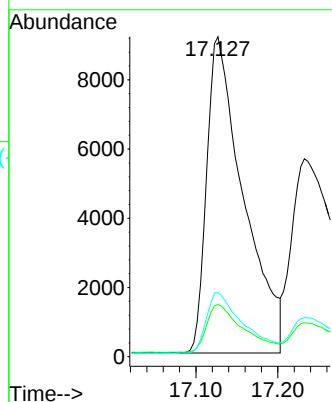
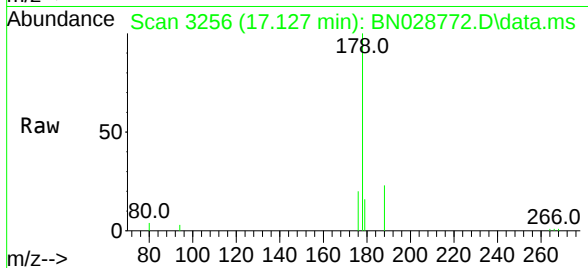
Tgt Ion:178	Resp:	2851
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.4 18.6
176	20.1	15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/20/2023

Supervised By :mohammad ahmed 11/20/2023



#16

Anthracene

Concen: 0.339 ng/u1

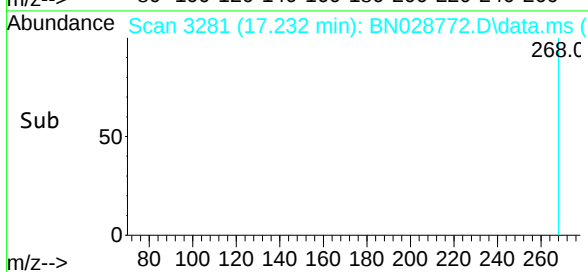
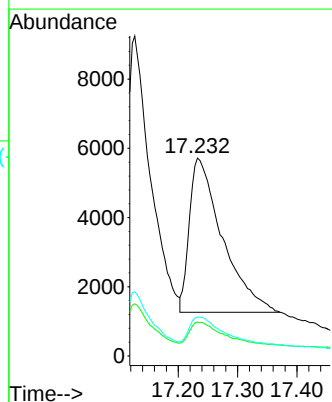
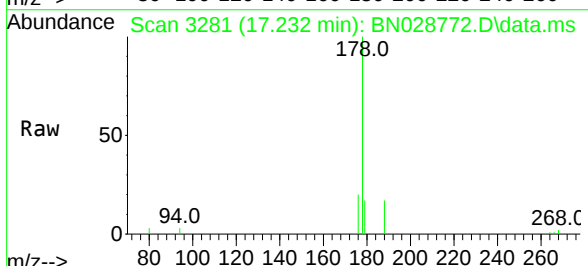
RT: 17.232 min Scan# 3281

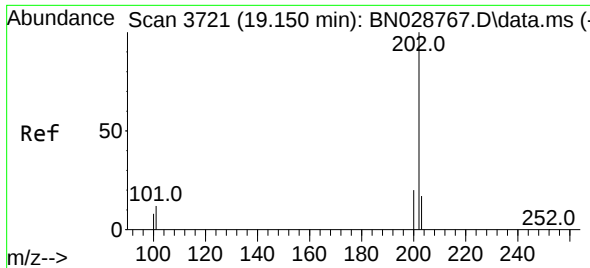
Delta R.T. -0.013 min

Lab File: BN028772.D

Acq: 19 Nov 2023 12:14

Tgt Ion:178	Resp:	17168
Ion Ratio	Lower	Upper
178	100	
179	17.2	12.6 18.8
176	19.7	14.9 22.3





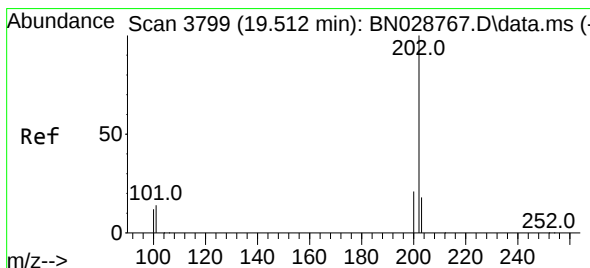
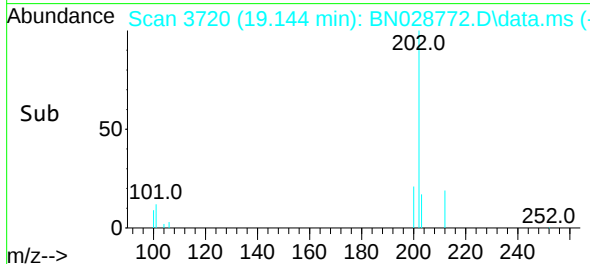
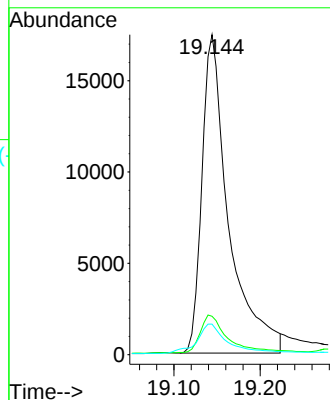
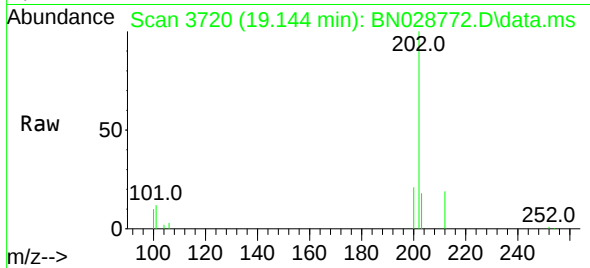
#19
Fluoranthene
Concen: 0.586 ng/u1
RT: 19.144 min Scan# 3721
Delta R.T. -0.006 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

Instrument :
BNA_N
ClientSampleId :
GCDQ6MS

Tgt Ion:202 Resp: 3752
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 9.5 7.2 10.8

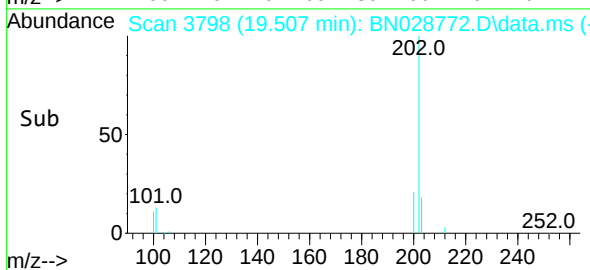
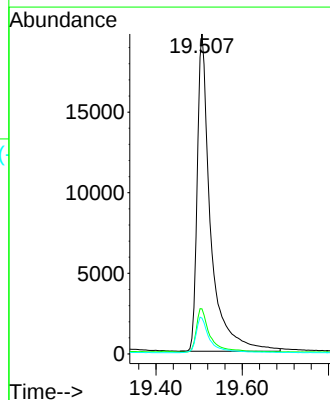
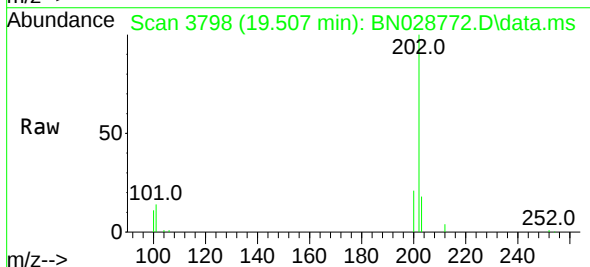
Manual Integrations
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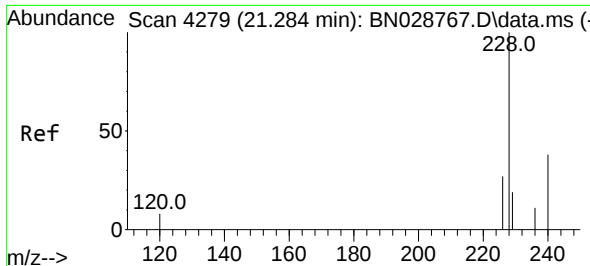
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.638 ng/u1
RT: 19.507 min Scan# 3798
Delta R.T. -0.006 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

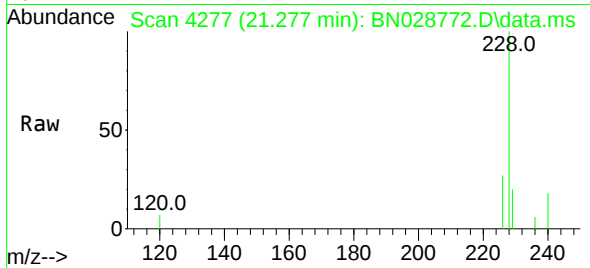
Tgt Ion:202 Resp: 42321
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 11.2 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.384 ng/u1
RT: 21.277 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

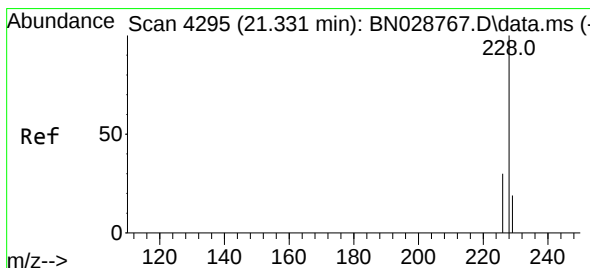
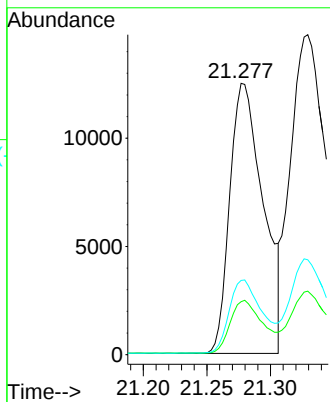
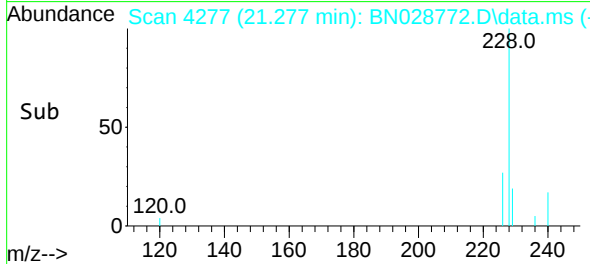
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS



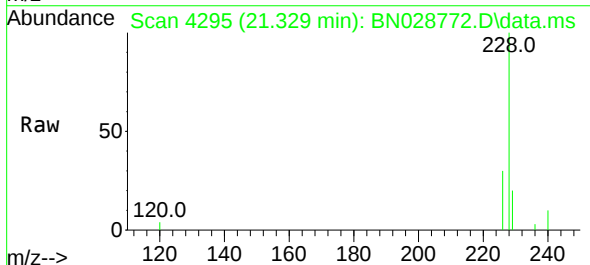
Tgt Ion:228 Resp: 2287
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.4 21.4 32.0

Manual Integrations
APPROVED

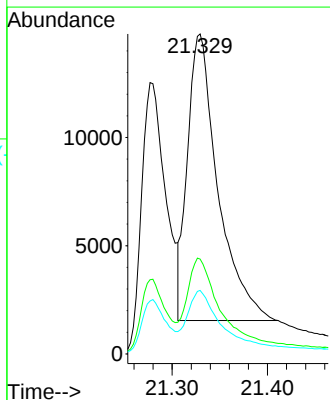
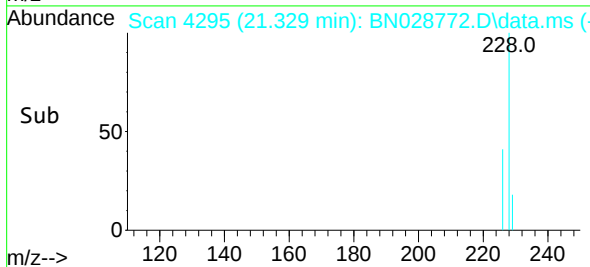
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

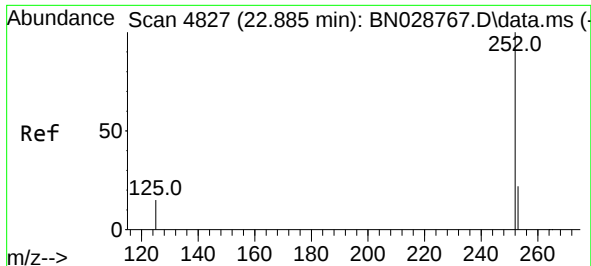


#22
Chrysene
Concen: 0.505 ng/u1
RT: 21.329 min Scan# 4295
Delta R.T. -0.001 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14



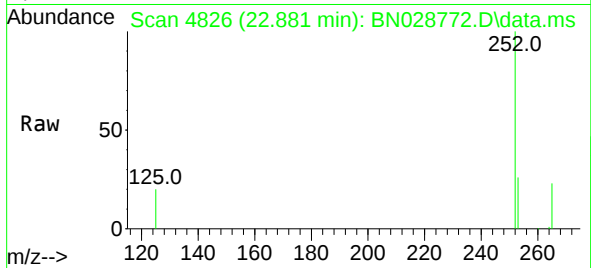
Tgt Ion:228 Resp: 29375
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 19.8 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.529 ng/ul
RT: 22.881 min Scan# 4826
Delta R.T. -0.004 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

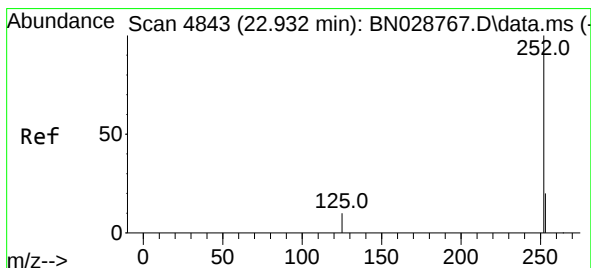
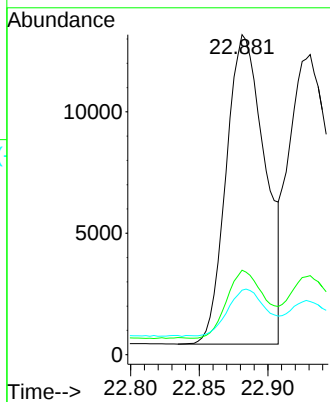
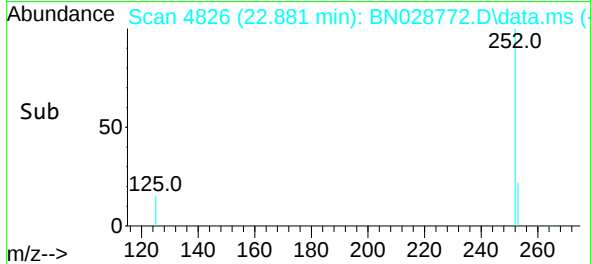
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS



Tgt Ion:252 Resp: 25068
Ion Ratio Lower Upper
252 100
253 26.4 0.0 46.6
125 20.1 0.0 27.6

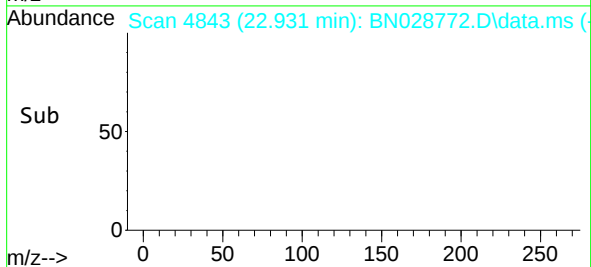
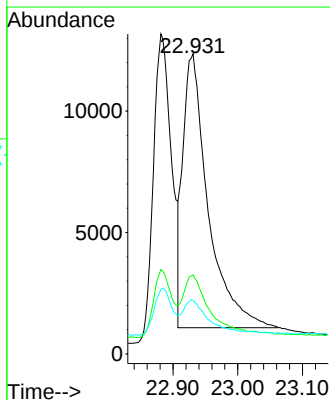
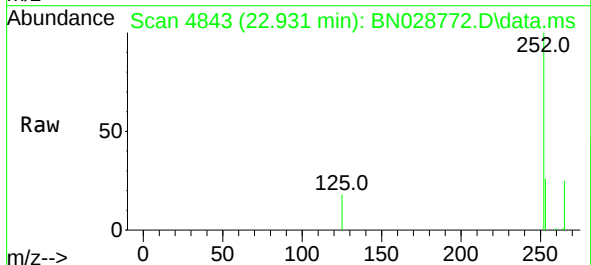
Manual Integrations
APPROVED

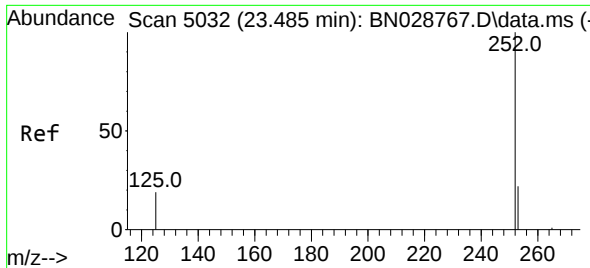
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.616 ng/ul
RT: 22.931 min Scan# 4843
Delta R.T. -0.001 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

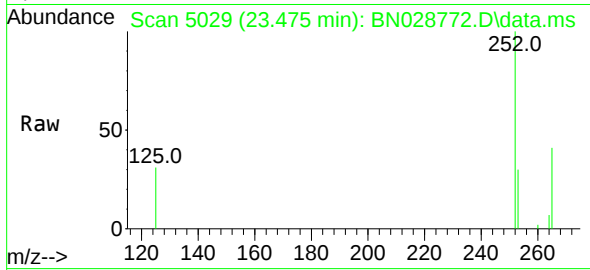
Tgt Ion:252 Resp: 30569
Ion Ratio Lower Upper
252 100
253 26.4 18.6 28.0
125 17.7 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.555 ng/ul
RT: 23.475 min Scan# 5032
Delta R.T. -0.010 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

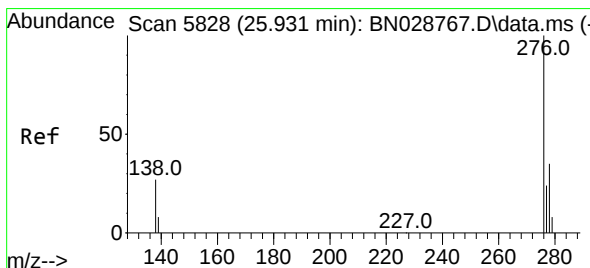
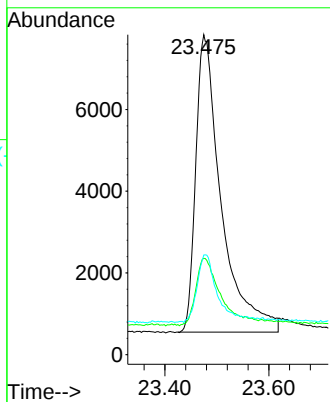
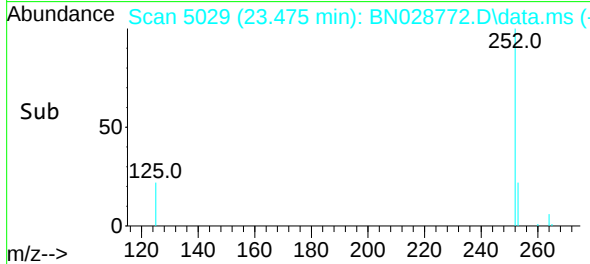
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS



Tgt Ion:252 Resp: 24794
Ion Ratio Lower Upper
252 100
253 30.1 19.0 28.6
125 31.2 13.2 19.8

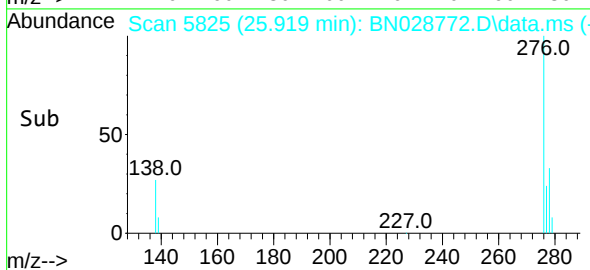
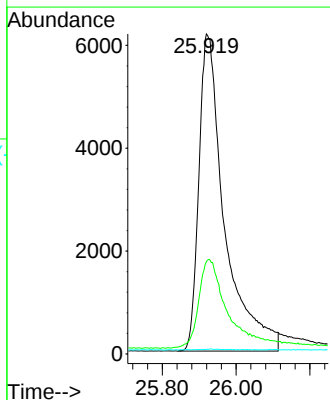
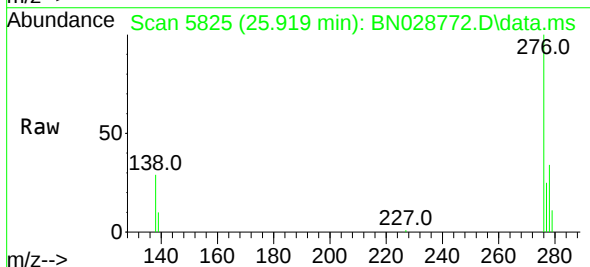
Manual Integrations
APPROVED

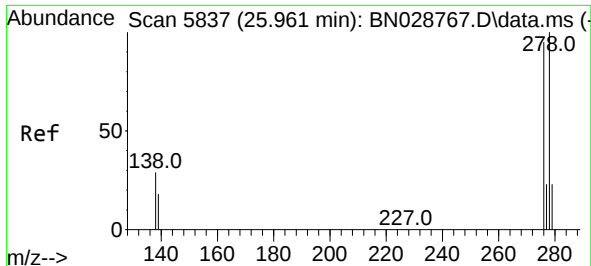
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.599 ng/ul
RT: 25.919 min Scan# 5825
Delta R.T. -0.011 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

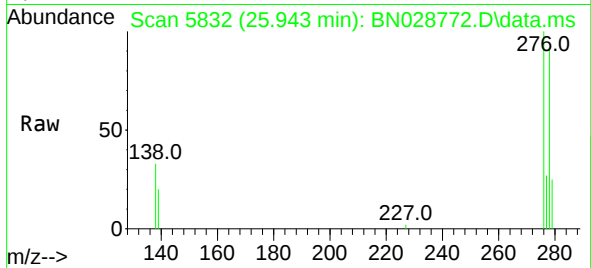
Tgt Ion:276 Resp: 29712
Ion Ratio Lower Upper
276 100
138 31.4 23.8 35.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.576 ng/ul
RT: 25.943 min Scan# 5837
Delta R.T. -0.018 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14

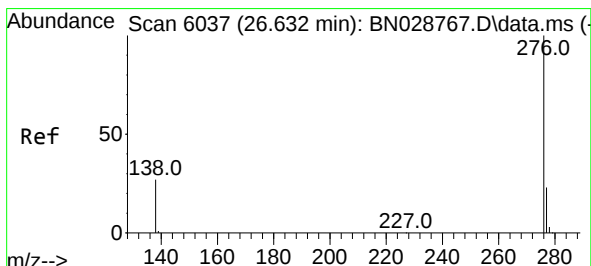
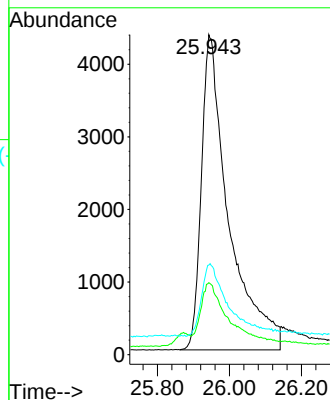
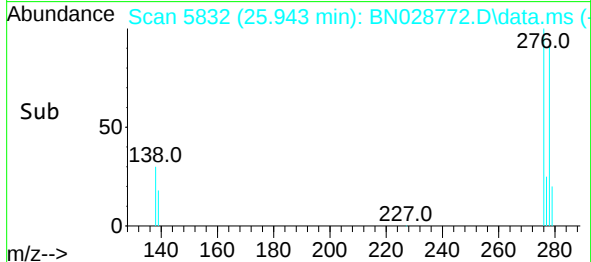
Instrument :
BNA_N
ClientSampleId :
GCDQ6MS



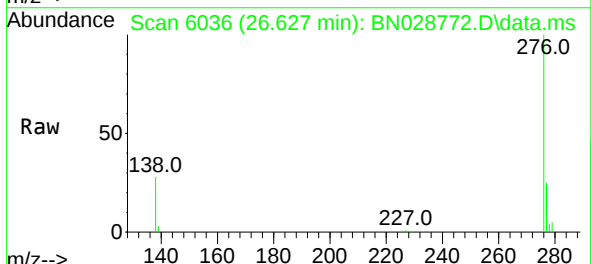
Tgt Ion:278 Resp: 2283
Ion Ratio Lower Upper
278 100
139 22.5 18.2 27.4
279 28.0 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.633 ng/ul
RT: 26.627 min Scan# 6036
Delta R.T. -0.004 min
Lab File: BN028772.D
Acq: 19 Nov 2023 12:14



Tgt Ion:276 Resp: 25744
Ion Ratio Lower Upper
276 100
138 27.9 20.5 30.7
277 24.7 19.4 29.0

