

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026751.D
 Acq On : 25 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03709-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-072023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 19:35:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	1124	0.400	ng	# 0.01
7) Naphthalene-d8	10.639	136	3700	0.400	ng	# 0.01
13) Acenaphthene-d10	14.459	164	3128	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	5686	0.400	ng	# 0.00
29) Chrysene-d12	21.426	240	4196	0.400	ng	0.02
35) Perylene-d12	23.797	264	4969	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	81	0.030	ng	0.02
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	9.080	82	291	0.092	ng	0.04
11) 2-Methylnaphthalene-d10	12.219	152	1644	0.304	ng	-0.01
14) 2,4,6-Tribromophenol	16.003	330	241	0.212	ng	0.02
15) 2-Fluorobiphenyl	13.090	172	3540	0.293	ng	-0.01
27) Fluoranthene-d10	19.258	212	4343	0.360	ng	0.00
31) Terphenyl-d14	19.844	244	4565	0.425	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.286	202	426	0.024	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.300	149	1010	0.075	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.282	276	635m	0.031	ng	
40) Dibenzo(a,h)anthracene	26.291	278	498m	0.031	ng	
41) Benzo(g,h,i)perylene	27.025	276	522	0.028	ng	# 39

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

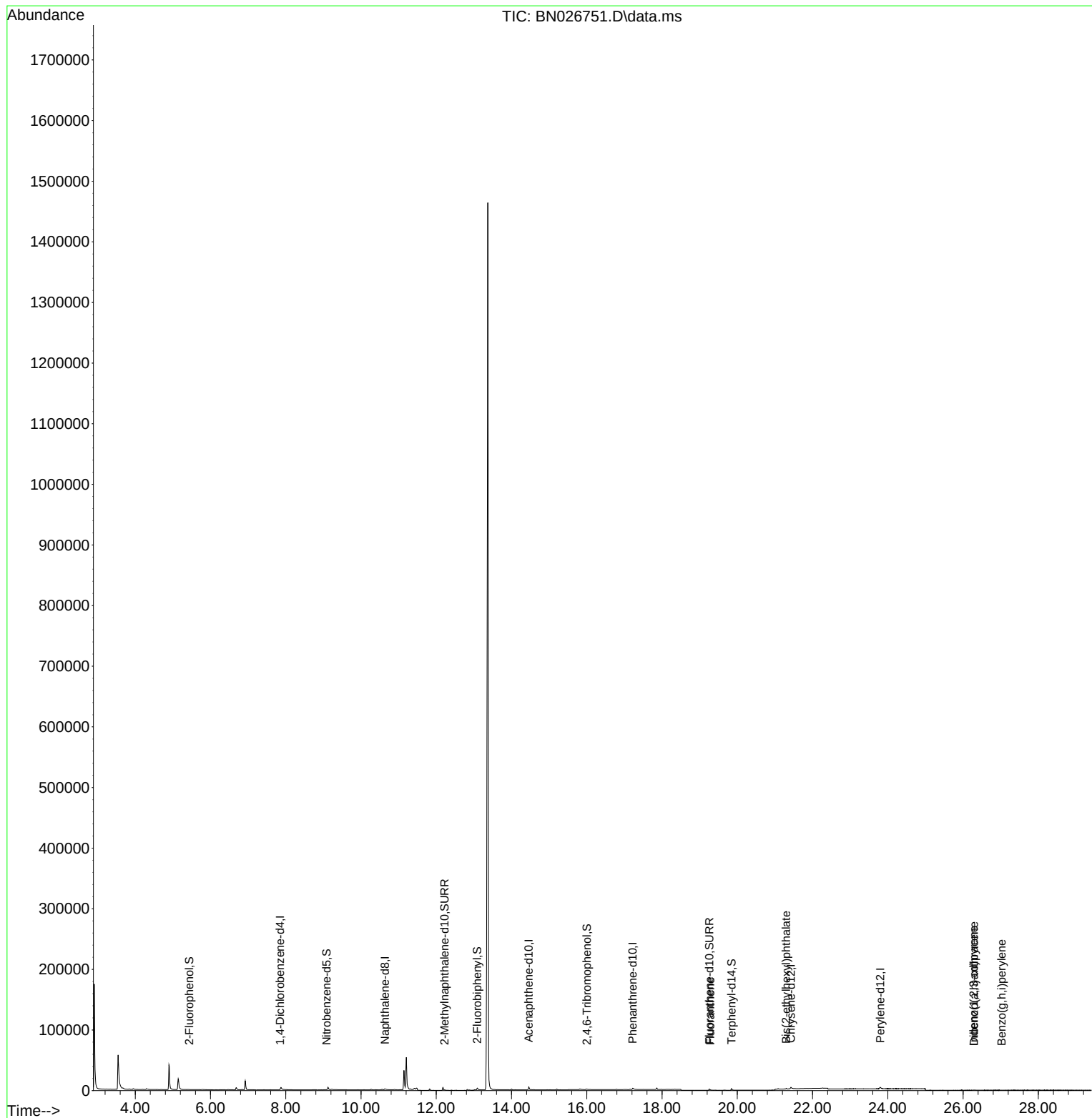
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026751.D
Acq On : 25 Jul 2023 18:07
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ALS Vial : 87 Sample Multiplier: 1

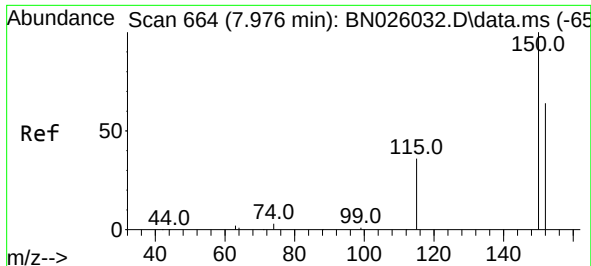
Instrument :
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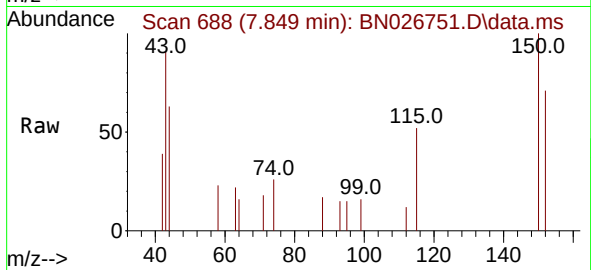
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.849 min Scan# 61
 Delta R.T. 0.014 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

Instrument :

BNA_N

ClientSampleId :

EB-01-072023



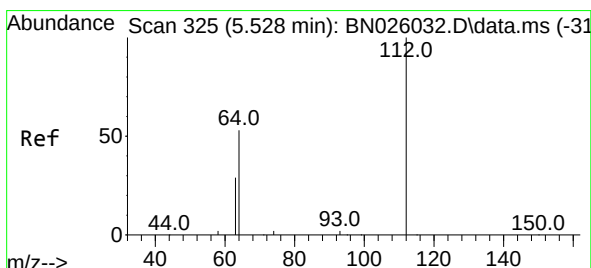
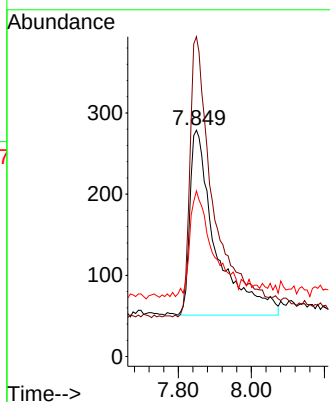
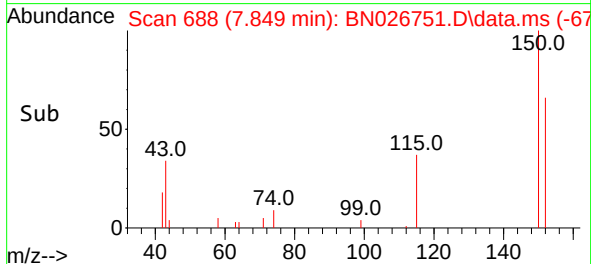
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 Ion Ratio Lower Upper
 152 100
 150 141.2 124.7 187.1
 115 73.1 48.2 72.4

Manual Integrations

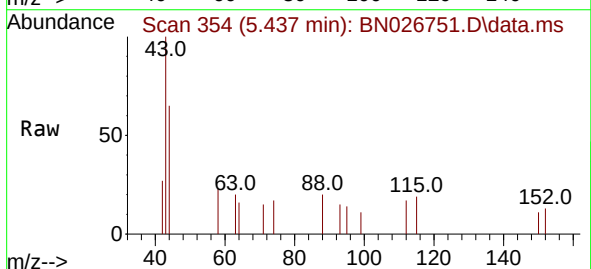
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Reviewed By :Yogesh Patel 07/26/2023

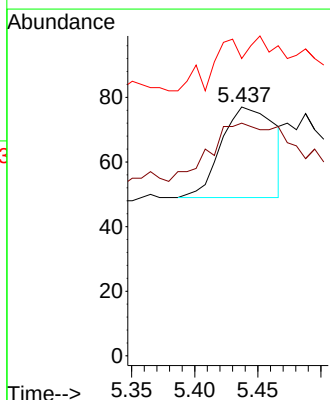
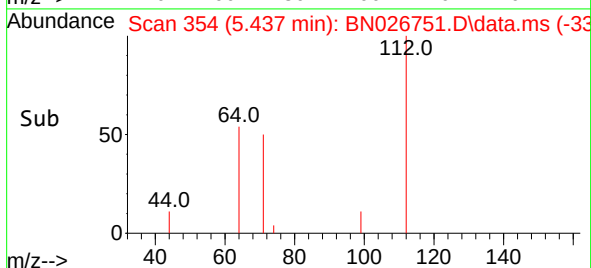
Supervised By :mohammad ahmed 07/26/2023

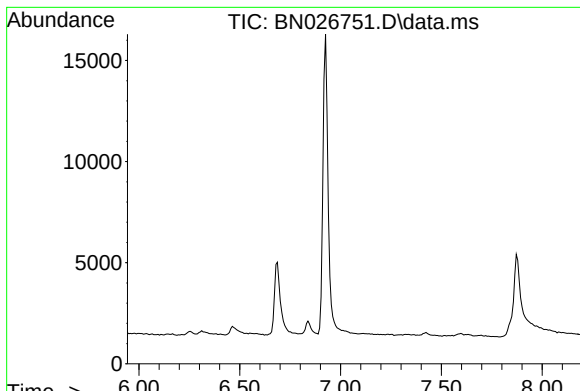


#4
 2-Fluorophenol
 Concen: 0.030 ng
 RT: 5.437 min Scan# 354
 Delta R.T. 0.022 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07



Tgt Ion:112 Resp: 81
 Ion Ratio Lower Upper
 112 100
 64 102.5 45.8 68.6#
 63 32.1 27.4 41.2





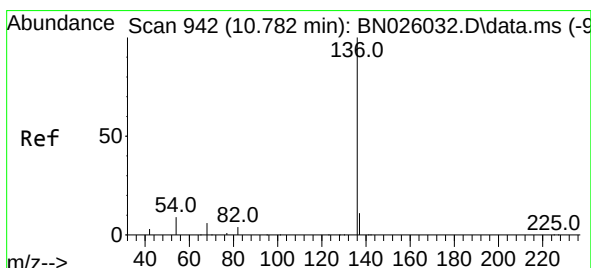
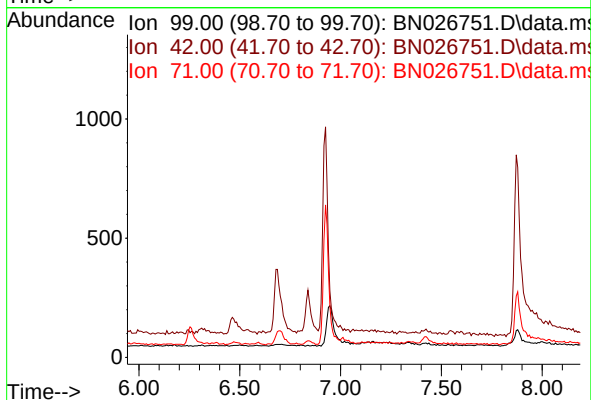
#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.04 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-072023

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 23.0
 71 38.3

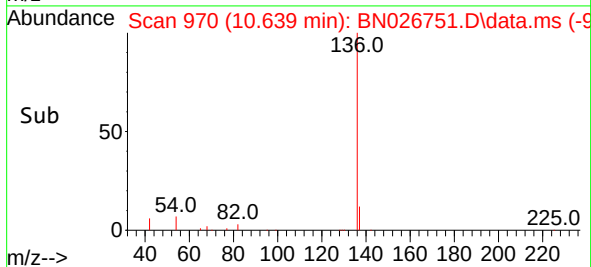
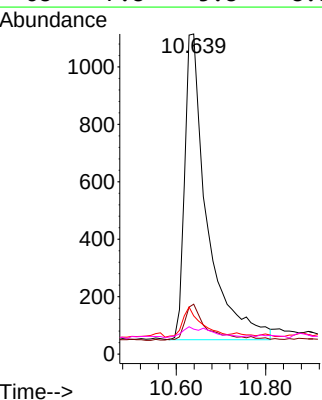
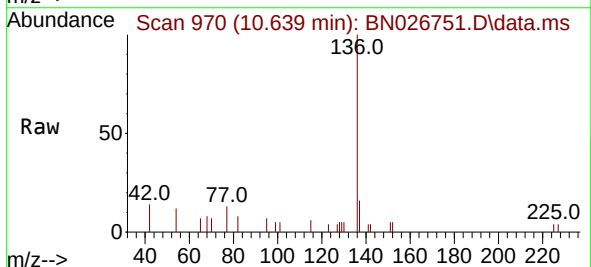
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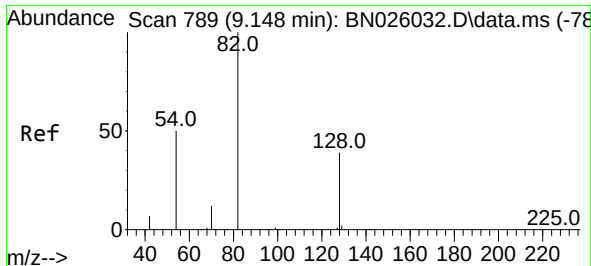
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.639 min Scan# 970
 Delta R.T. 0.011 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

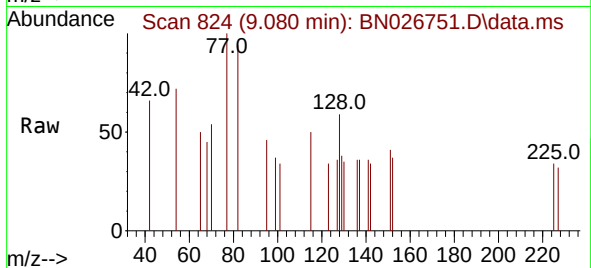
Tgt Ion:136 Resp: 3700
 Ion Ratio Lower Upper
 136 100
 137 15.6 9.0 13.4#
 54 11.9 7.8 11.6#
 68 7.8 5.8 8.8





#8
Nitrobenzene-d5
Concen: 0.092 ng
RT: 9.080 min Scan# 81
Delta R.T. 0.043 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

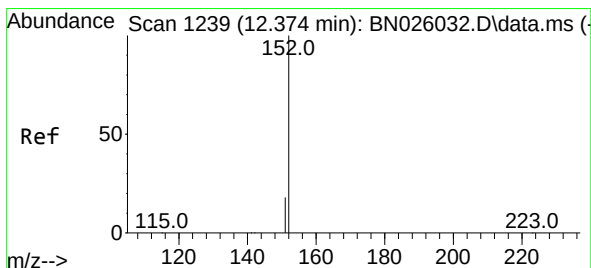
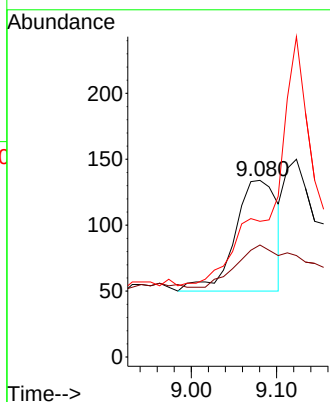
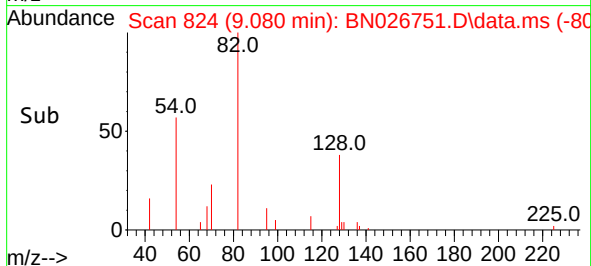
Instrument :
BNA_N
ClientSampleId :
EB-01-072023



Tgt Ion: 82 Resp: 29
Ion Ratio Lower Upper
82 100
128 63.4 33.4 50.2
54 76.9 41.7 62.5

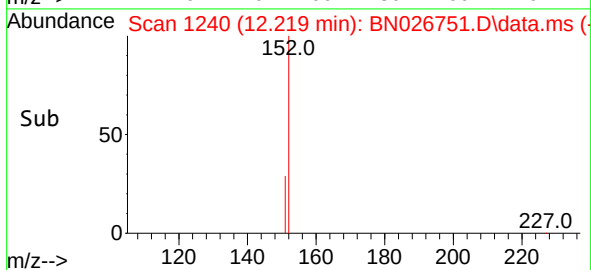
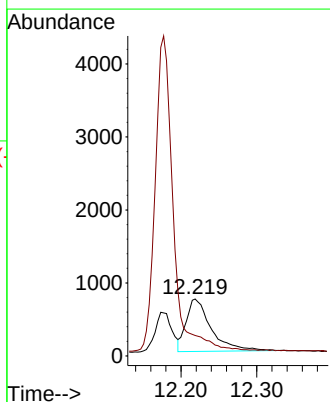
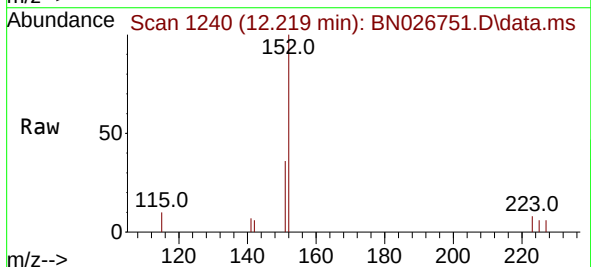
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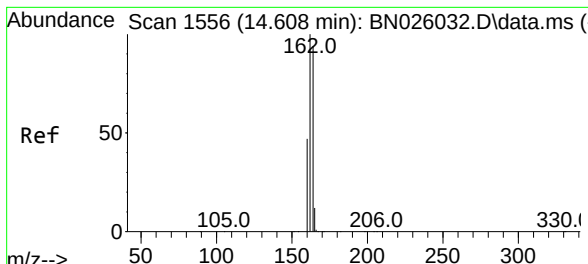
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.219 min Scan# 1240
Delta R.T. -0.011 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

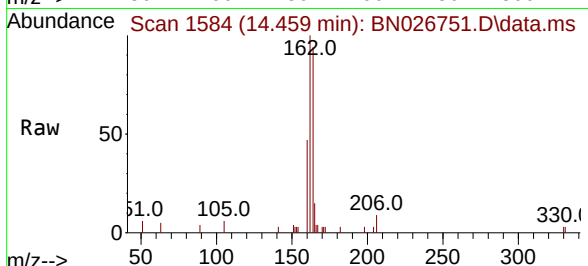
Tgt Ion:152 Resp: 1644
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

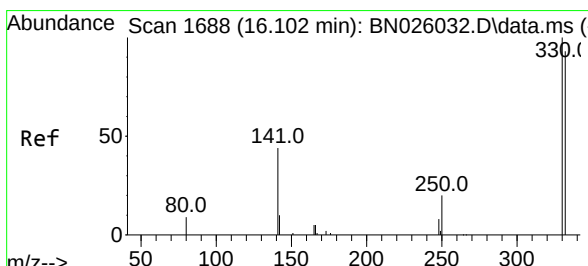
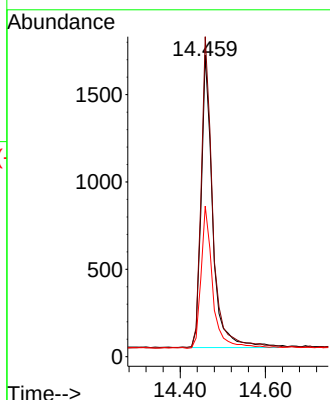
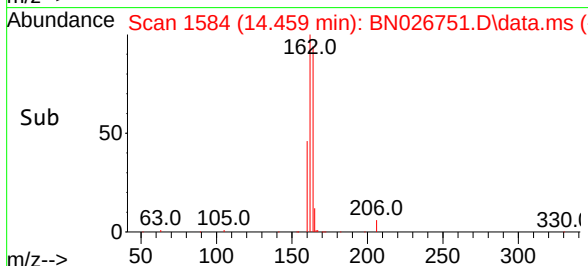
Instrument :
BNA_N
ClientSampleId :
EB-01-072023



Tgt Ion:164 Resp: 3128
Ion Ratio Lower Upper
164 100
162 106.1 85.3 127.9
160 49.9 40.0 60.0

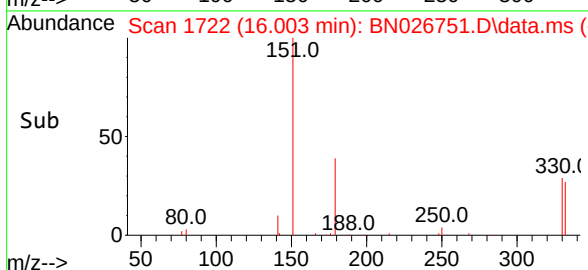
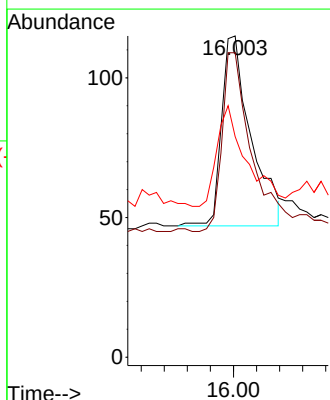
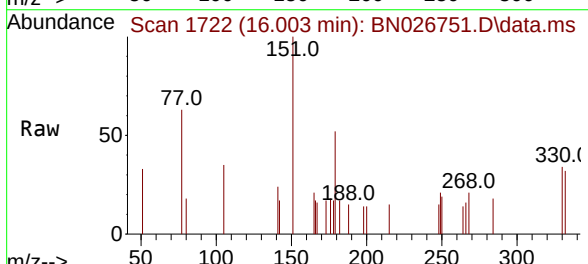
Manual Integrations
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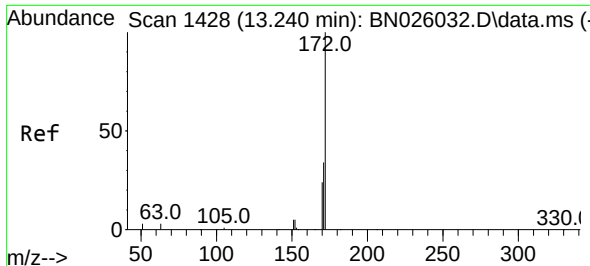
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 16.003 min Scan# 1722
Delta R.T. 0.025 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Tgt Ion:330 Resp: 241
Ion Ratio Lower Upper
330 100
332 91.3 76.0 114.0
141 53.1 42.8 64.2





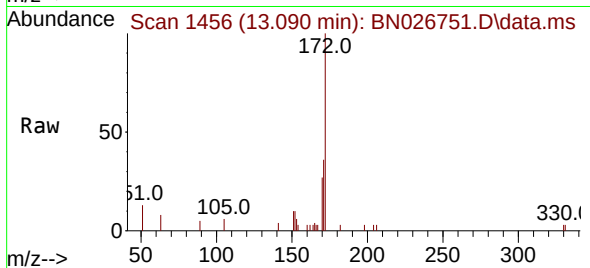
#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.090 min Scan# 1428
Delta R.T. -0.011 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Instrument :

BNA_N

ClientSampleId :

EB-01-072023



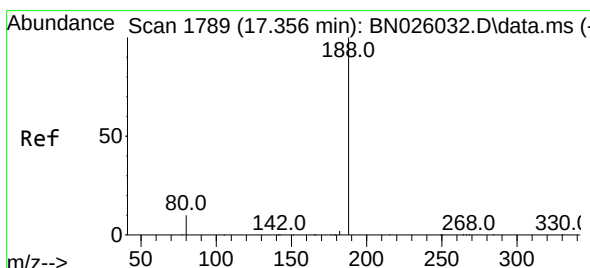
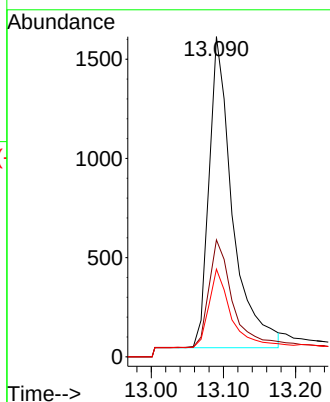
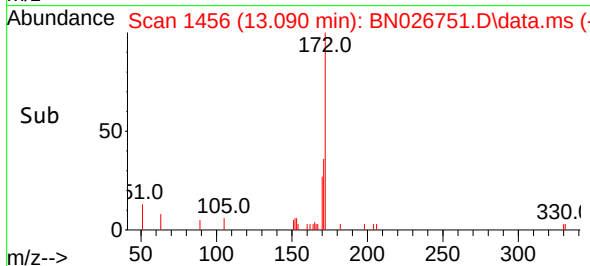
Tgt Ion:172 Resp: 3540
Ion Ratio Lower Upper
172 100
171 36.5 27.8 41.8
170 27.4 19.3 28.9

Manual Integrations

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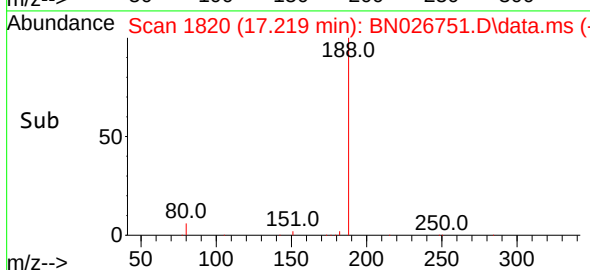
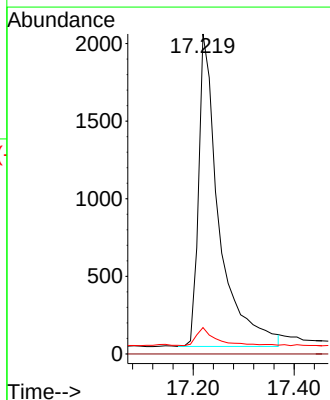
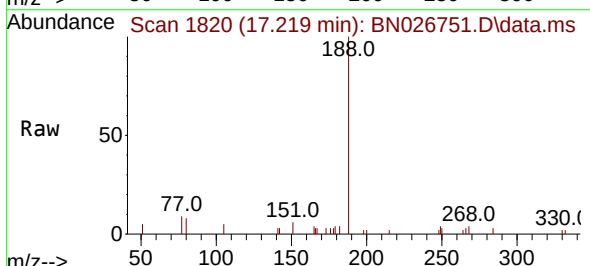
Reviewed By :Yogesh Patel 07/26/2023

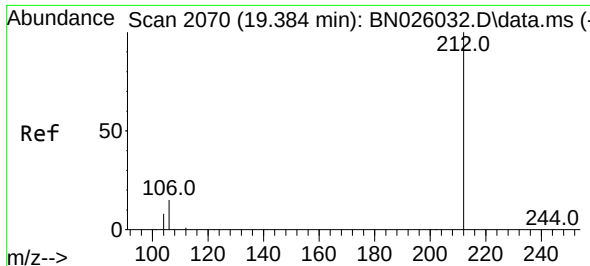
Supervised By :mohammad ahmed 07/26/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.219 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Tgt Ion:188 Resp: 5686
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 8.6 13.0#





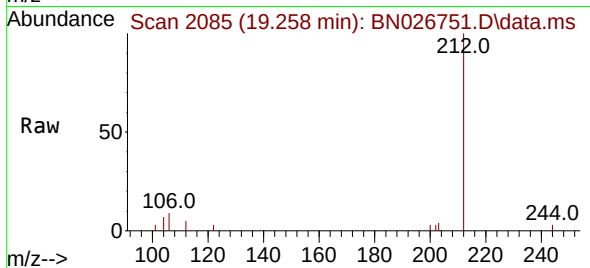
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.258 min Scan# 2085
Delta R.T. 0.009 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Instrument :

BNA_N

ClientSampleId :

EB-01-072023



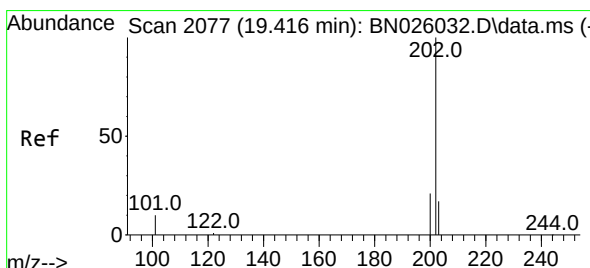
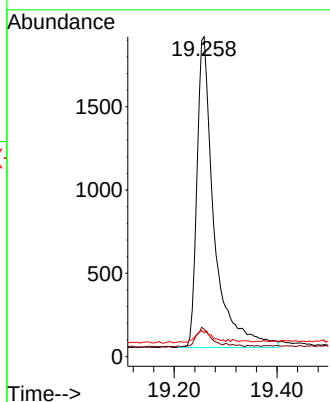
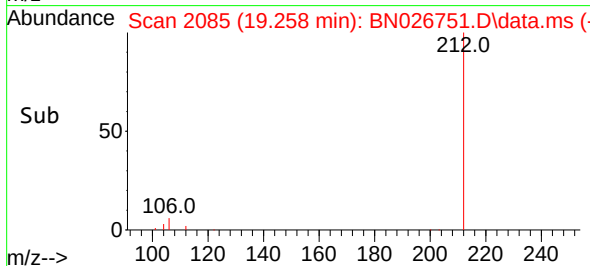
Tgt Ion:212 Resp: 434
Ion Ratio Lower Upper
212 100
106 4.9 11.6 17.4#
104 3.5 7.2 10.8#

Manual Integrations

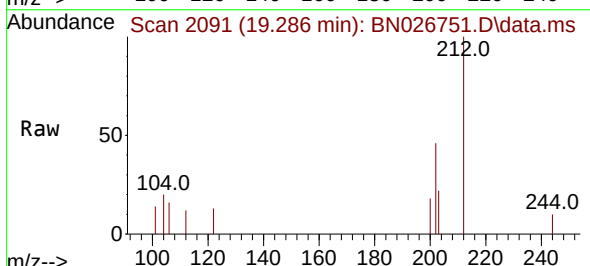
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Reviewed By :Yogesh Patel 07/26/2023

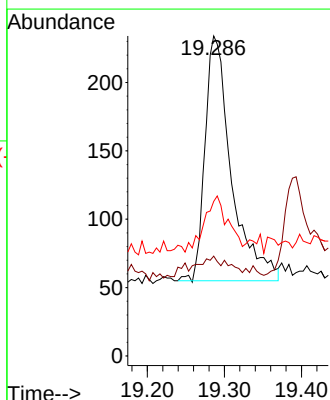
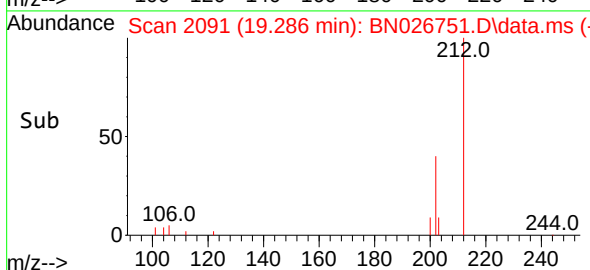
Supervised By :mohammad ahmed 07/26/2023

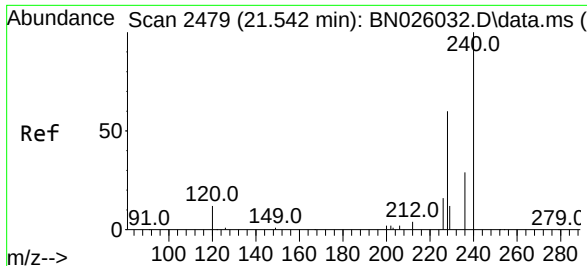


#28
Fluoranthene
Concen: 0.024 ng
RT: 19.286 min Scan# 2091
Delta R.T. 0.005 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07



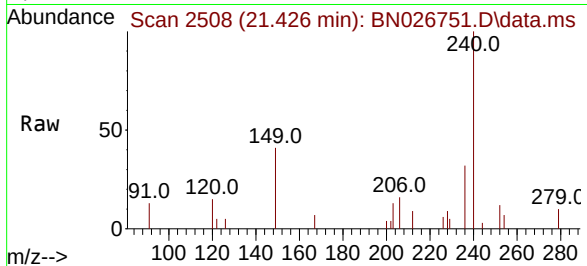
Tgt Ion:202 Resp: 426
Ion Ratio Lower Upper
202 100
101 1.9 8.3 12.5#
203 20.7 13.5 20.3#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.426 min Scan# 2111
Delta R.T. 0.018 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

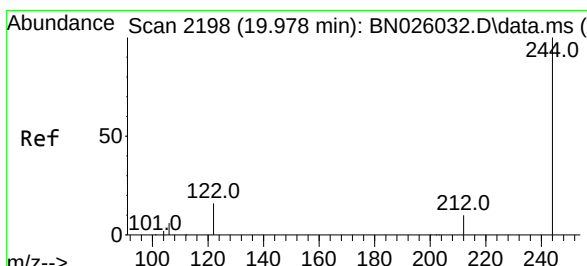
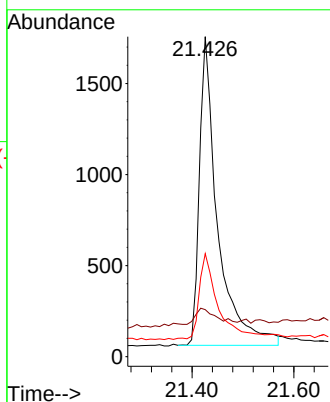
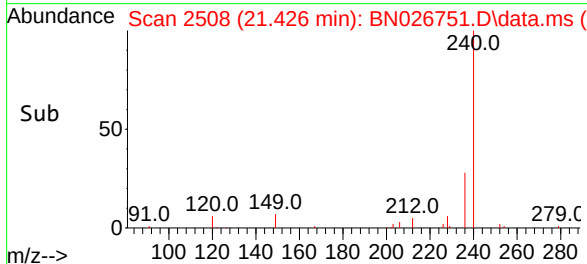
Instrument :
BNA_N
ClientSampleId :
EB-01-072023



Tgt Ion:240 Resp: 4190
Ion Ratio Lower Upper
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120 14.7 14.6 22.0
236 32.2 24.2 36.2

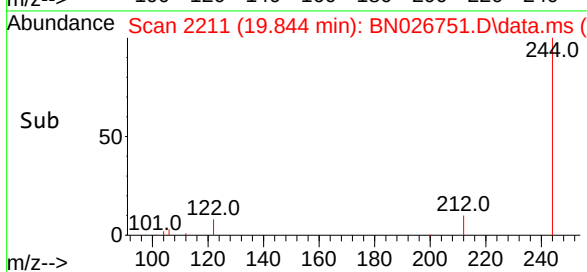
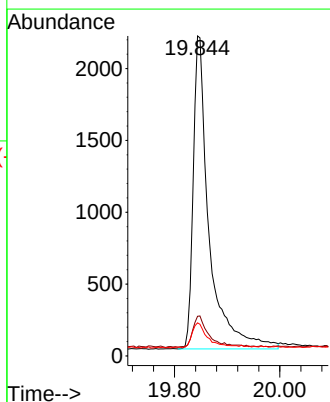
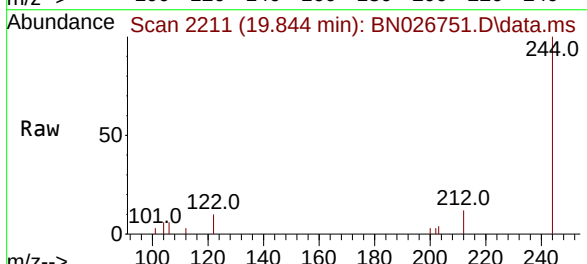
Manual Integrations
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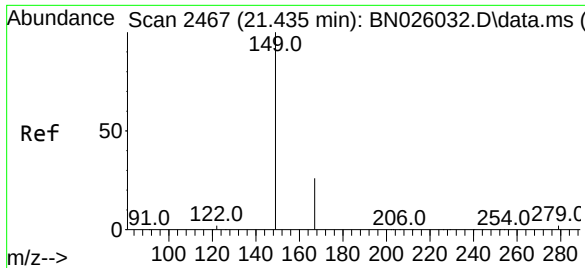
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.844 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Tgt Ion:244 Resp: 4565
Ion Ratio Lower Upper
244 100
212 12.4 8.7 13.1
122 10.3 13.7 20.5#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.300 min Scan# 2467
 Delta R.T. 0.000 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

Instrument :

BNA_N

ClientSampleId :

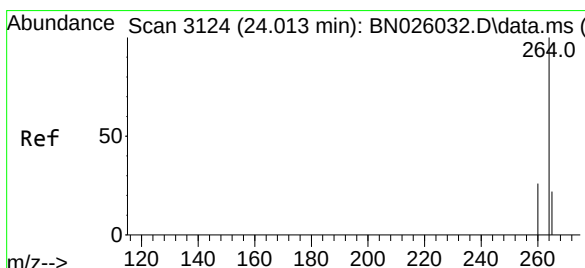
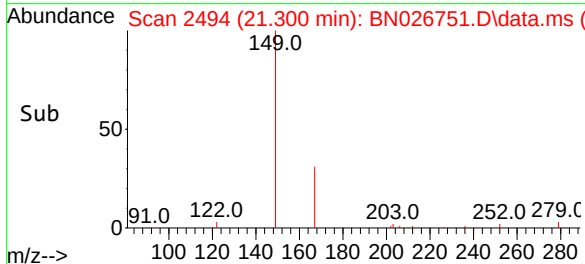
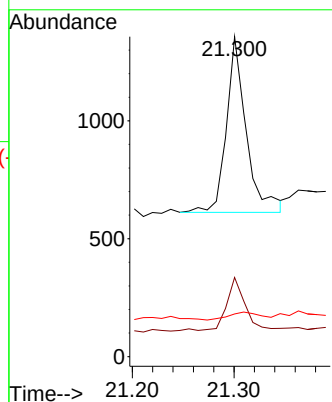
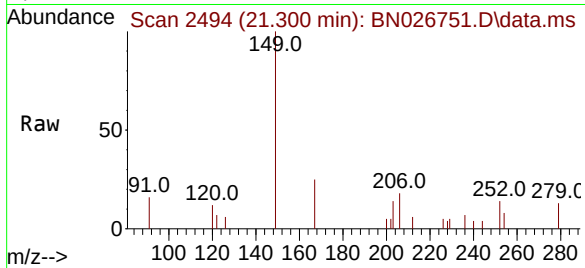
EB-01-072023

Tgt Ion:149 Resp: 1010
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.2 30.4
 279 7.2 2.4 3.6

Manual Integrations

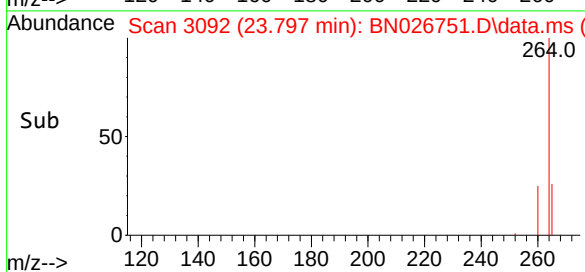
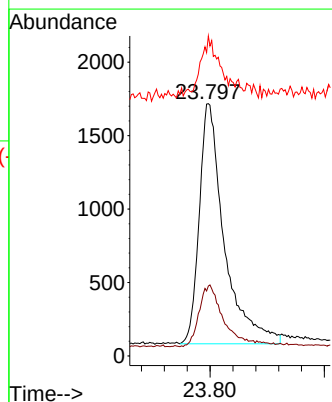
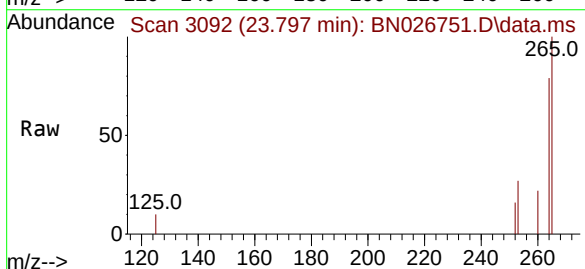
APPROVED

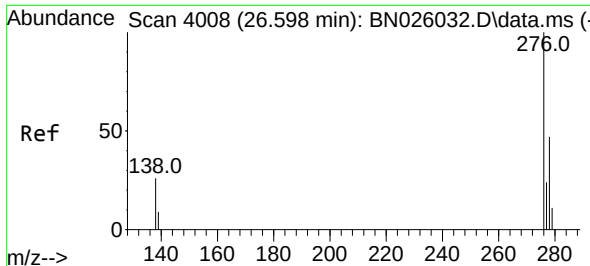
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.797 min Scan# 3092
 Delta R.T. 0.015 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

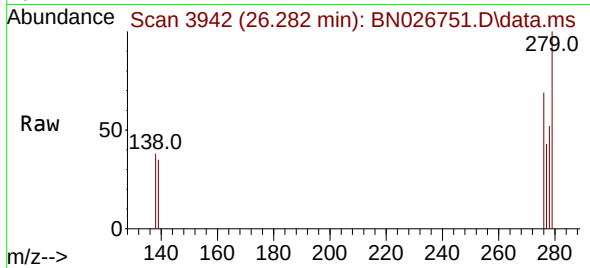
Tgt Ion:264 Resp: 4969
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.9 32.9
 265 126.8 80.3 120.5





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng m
RT: 26.282 min Scan# 3942
Delta R.T. 0.041 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

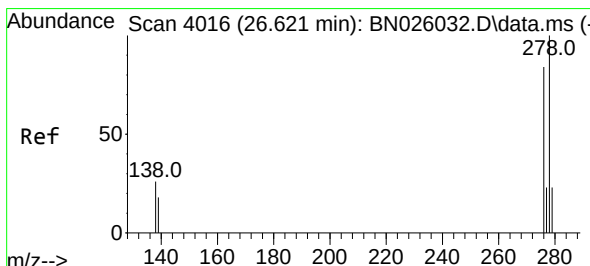
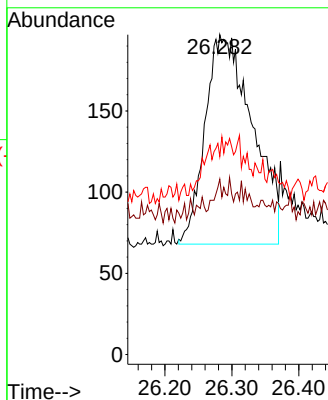
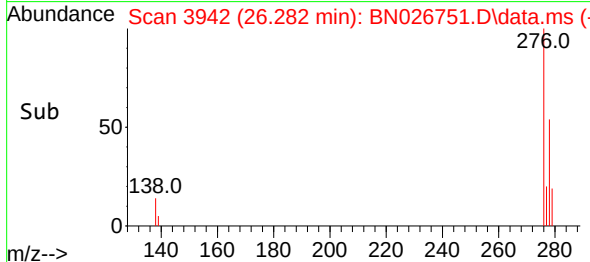
Instrument :
BNA_N
ClientSampleId :
EB-01-072023



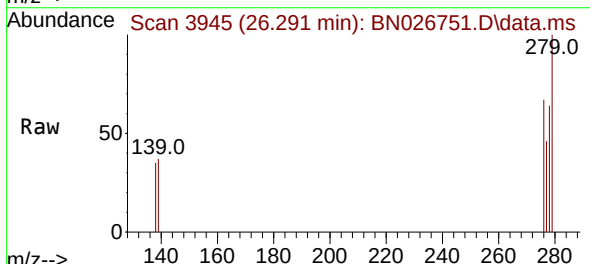
Tgt Ion:276 Resp: 639
Ion Ratio Lower Upper
276 100
138 2.8 21.4 32.2#
277 5.2 19.6 29.4#

Manual Integrations
APPROVED

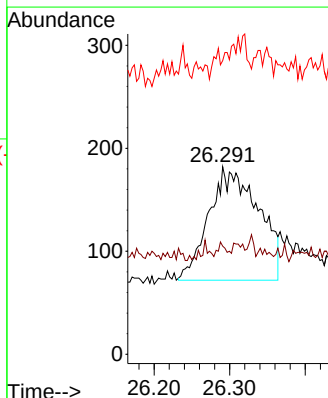
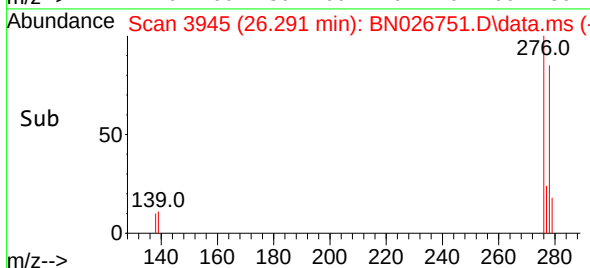
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

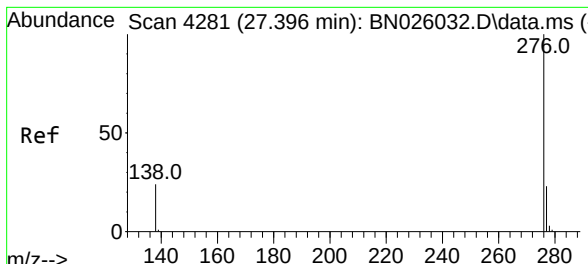


#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng m
RT: 26.291 min Scan# 3945
Delta R.T. 0.038 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07



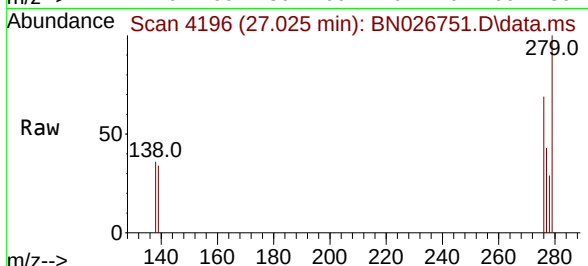
Tgt Ion:278 Resp: 498
Ion Ratio Lower Upper
278 100
139 57.7 18.1 27.1#
279 156.6 25.4 38.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.028 ng
 RT: 27.025 min Scan# 41
 Delta R.T. 0.032 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

Instrument : BNA_N
 ClientSampleId : EB-01-072023



Tgt Ion: 276 Resp: 52

Ion	Ratio	Lower	Upper
276	100		
277	62.5	20.3	30.5
138	52.6	21.5	32.3

Manual Integrations
APPROVED
 Reviewed By : Yogesh Patel 07/26/2023
 Supervised By : mohammad ahmed 07/26/2023

