

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028130.D
 Acq On : 07 Oct 2023 20:51
 Operator : MA/JU
 Sample : 04607-10
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJQ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 04:30:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	6603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	19192	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.564	164	9833m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.329	188	21477m	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	17938	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	19863	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	27161	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	9201	0.298	ng/ul	-0.01
18) Fluoranthene-d10	19.357	212	20679	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	851	0.097	ng/ul#	68
5) Naphthalene	10.795	128	38580	0.708	ng/ul#	87
7) 2-Methylnaphthalene	12.401	142	2859	0.083	ng/ul	95
8) 1-Methylnaphthalene	12.616	142	13074	0.367	ng/ul	99
11) Acenaphthene	14.634	153	1890	0.053	ng/ul	89
12) Fluorene	15.624	166	3195m	0.081	ng/ul	
15) Phenanthrene	17.371	178	6002	0.094	ng/ul#	86
16) Anthracene	17.464	178	1573	0.027	ng/ul#	52
19) Fluoranthene	19.385	202	3715	0.054	ng/ul#	89
20) Pyrene	19.752	202	3557	0.050	ng/ul#	83
21) Benzo(a)anthracene	21.498	228	1323	0.020	ng/ul#	59
22) Chrysene	21.556	228	1767m	0.027	ng/ul	

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

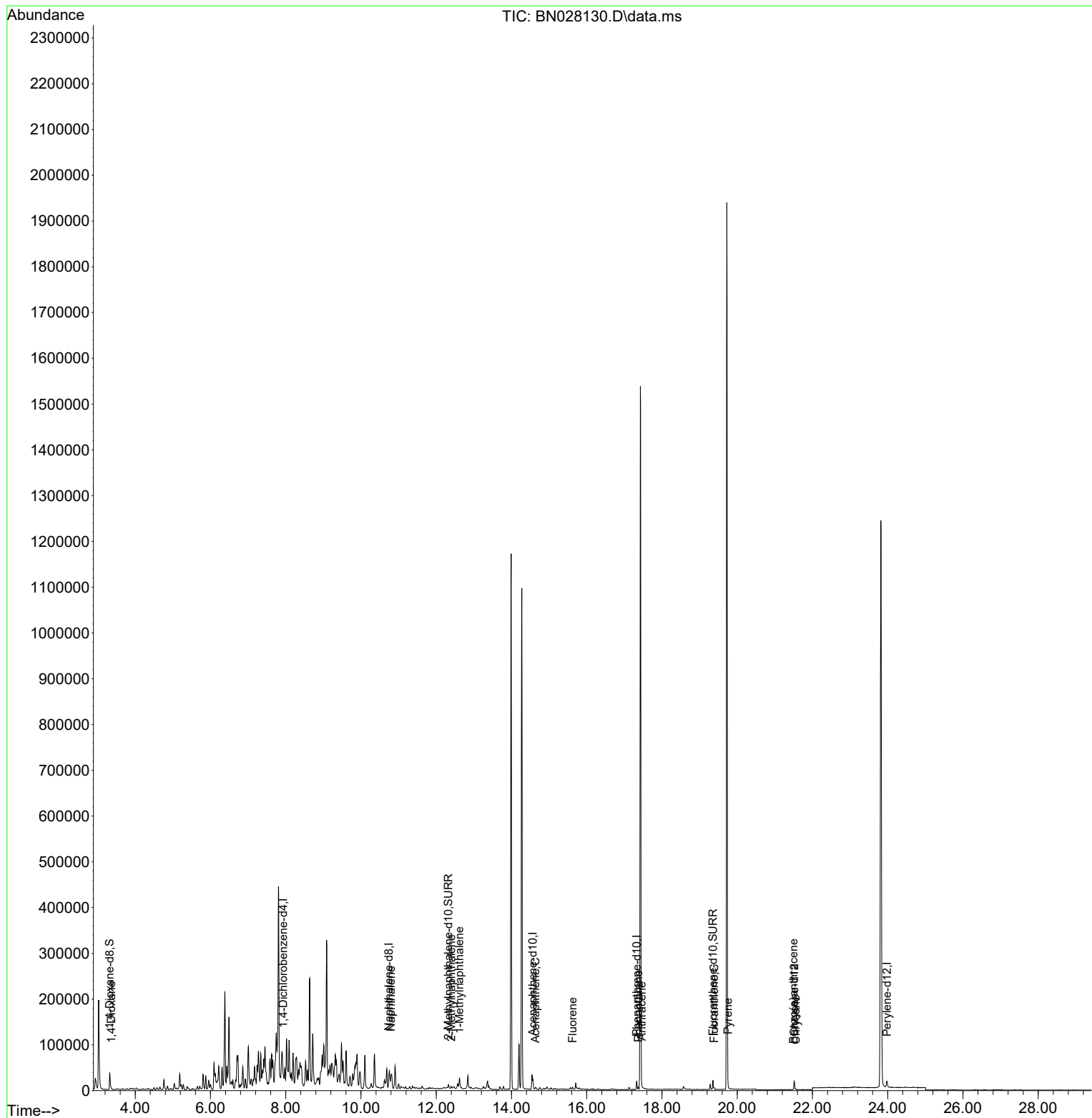
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
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ALS Vial : 58 Sample Multiplier: 1

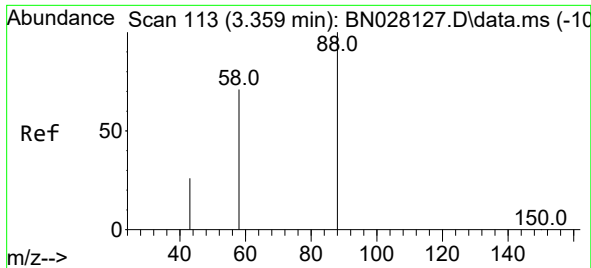
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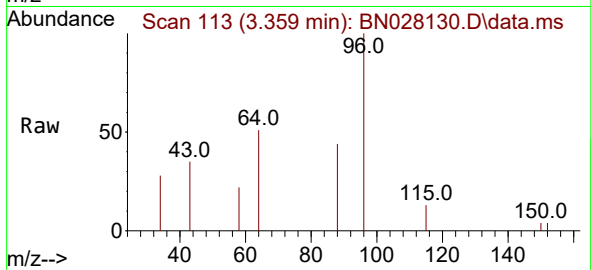
Quant Time: Oct 11 04:30:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.097 ng/ul
RT: 3.359 min Scan# 113
Delta R.T. -0.004 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

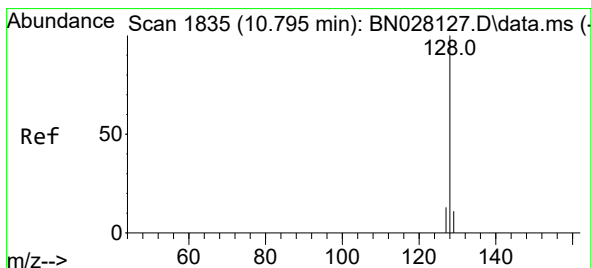
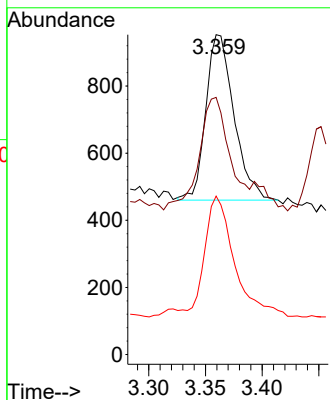
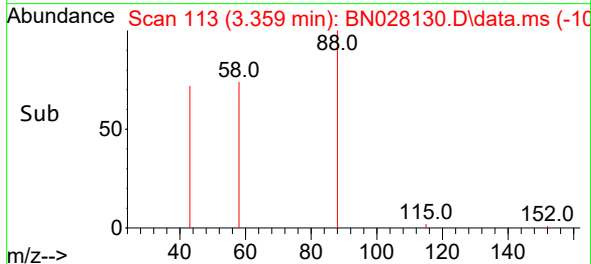
Instrument :
BNA_N
ClientSampleId :
BBJQ2



Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
43 80.4 33.4 50.2
58 49.5 45.7 68.5

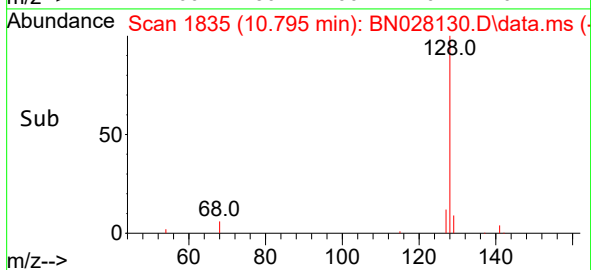
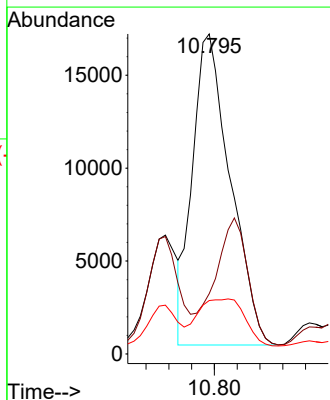
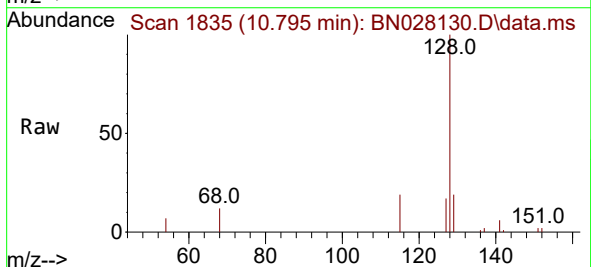
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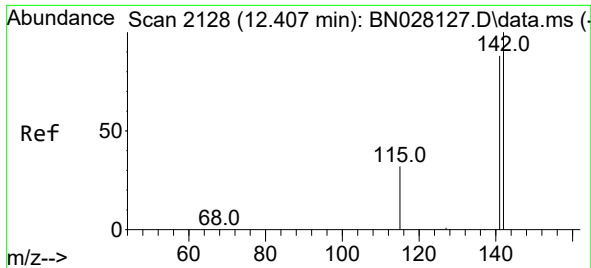
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/12/2023



#5
Naphthalene
Concen: 0.708 ng/ul
RT: 10.795 min Scan# 1835
Delta R.T. -0.011 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

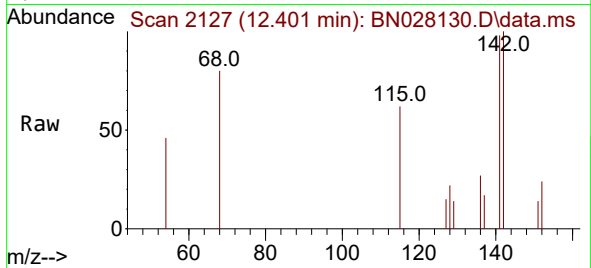
Tgt Ion:128 Resp: 38580
Ion Ratio Lower Upper
128 100
129 18.9 9.4 14.0#
127 16.7 11.0 16.4#





#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

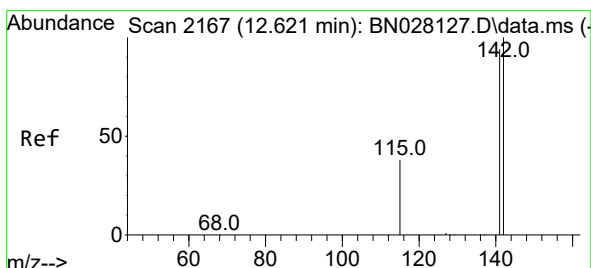
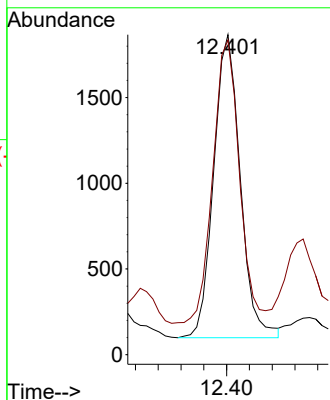
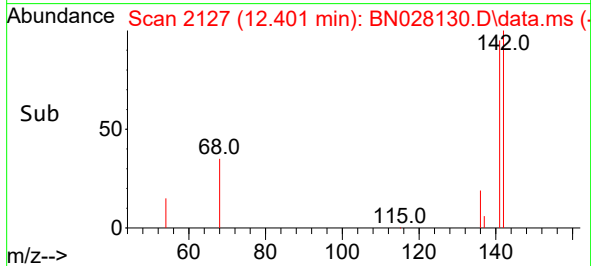
Instrument :
BNA_N
ClientSampleId :
BBJQ2



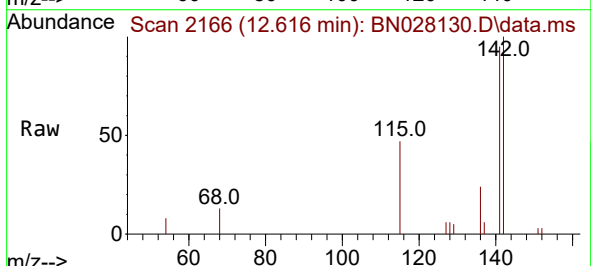
Tgt Ion:142 Resp: 2859
Ion Ratio Lower Upper
142 100
141 93.1 70.9 106.3

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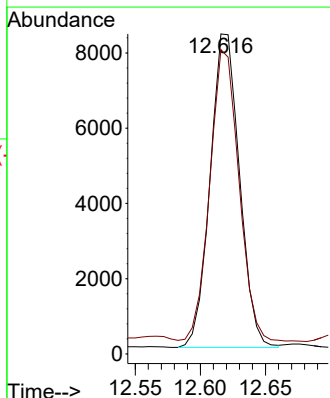
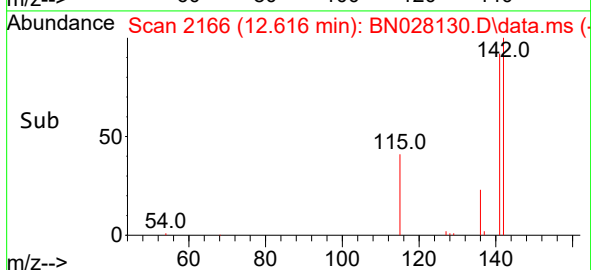
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/12/2023

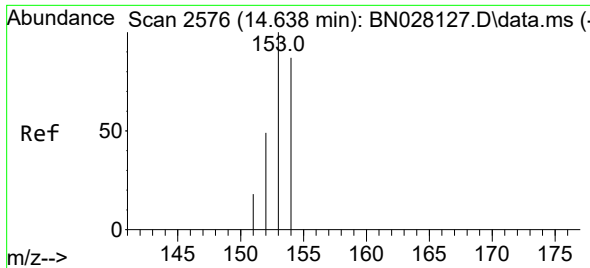


#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.616 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51



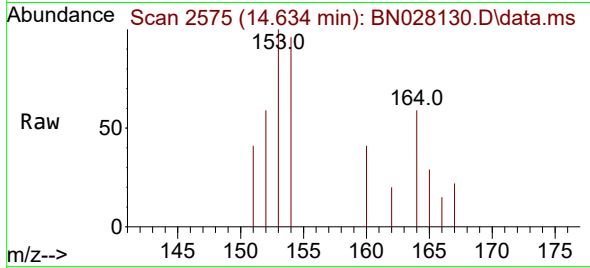
Tgt Ion:142 Resp: 13074
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6





#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.634 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

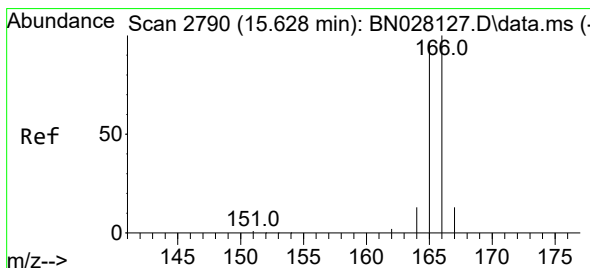
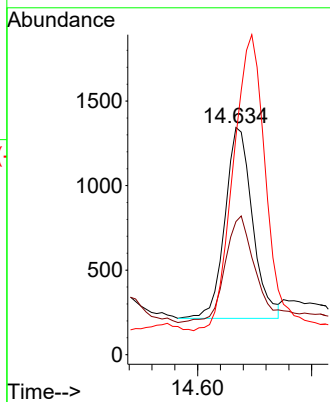
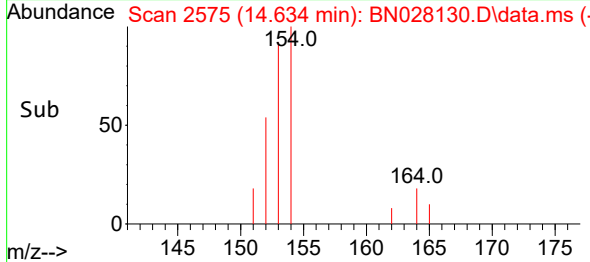
Instrument :
BNA_N
ClientSampleId :
BBJQ2



Tgt Ion:153 Resp: 1890
Ion Ratio Lower Upper
153 100
152 58.6 39.4 59.0
154 96.1 70.2 105.4

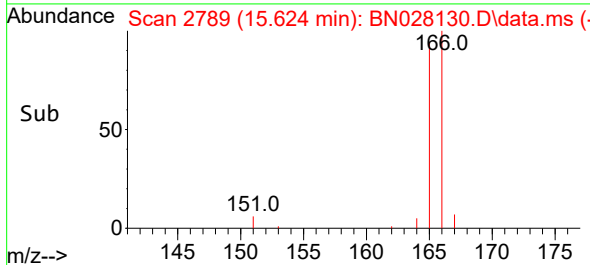
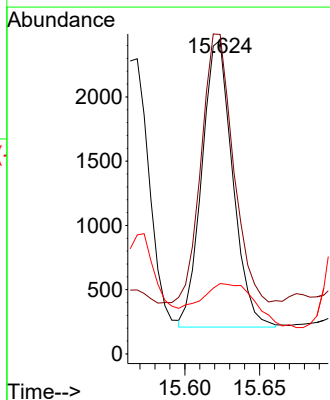
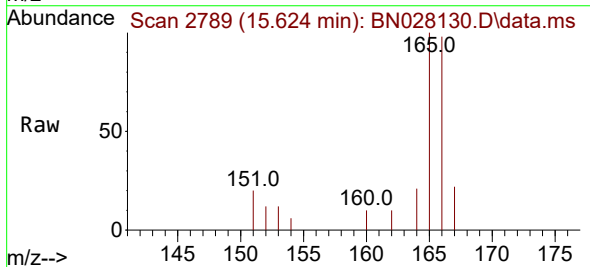
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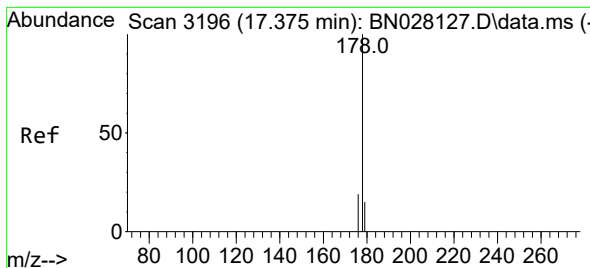
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#12
Fluorene
Concen: 0.081 ng/ul m
RT: 15.624 min Scan# 2789
Delta R.T. -0.009 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

Tgt Ion:166 Resp: 3195
Ion Ratio Lower Upper
166 100
165 101.8 78.5 117.7
167 22.4 11.2 16.8#





#15

Phenanthrene

Concen: 0.094 ng/ul

RT: 17.371 min Scan# 3196

Delta R.T. -0.005 min

Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

BBJQ2

Tgt Ion:178 Resp: 6002

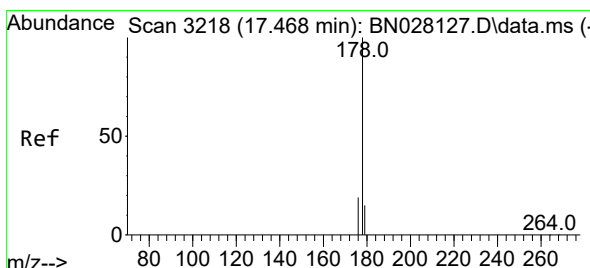
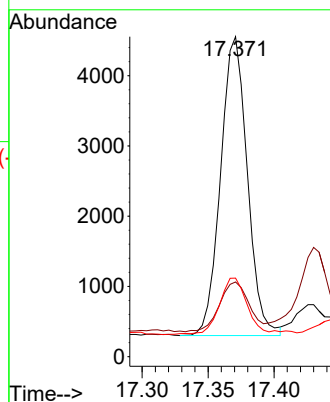
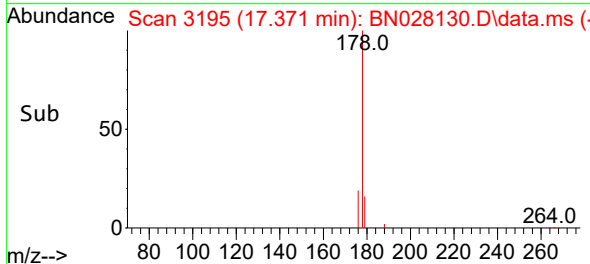
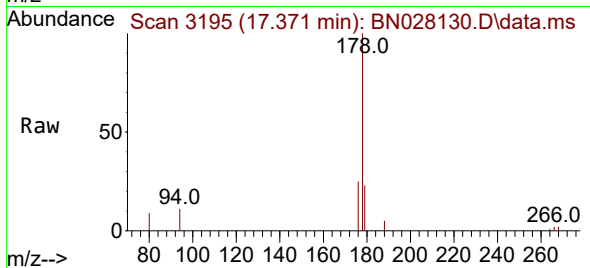
Ion	Ratio	Lower	Upper
178	100		
179	23.3	12.6	19.0
176	24.5	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 10/12/2023



#16

Anthracene

Concen: 0.027 ng/ul

RT: 17.464 min Scan# 3217

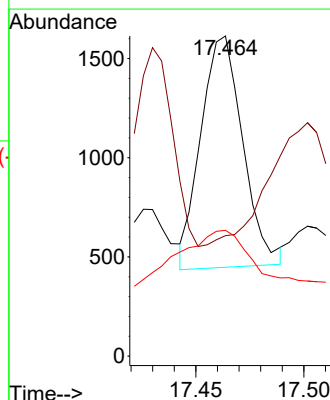
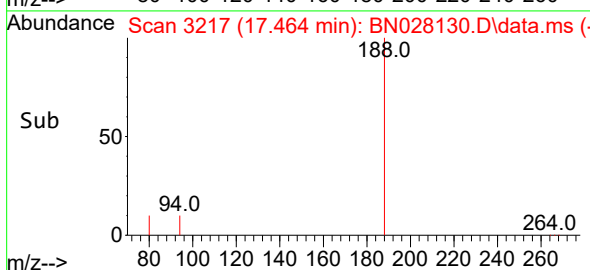
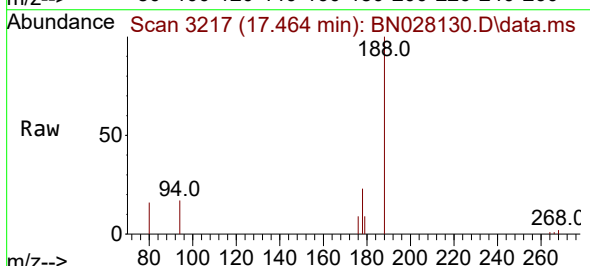
Delta R.T. -0.005 min

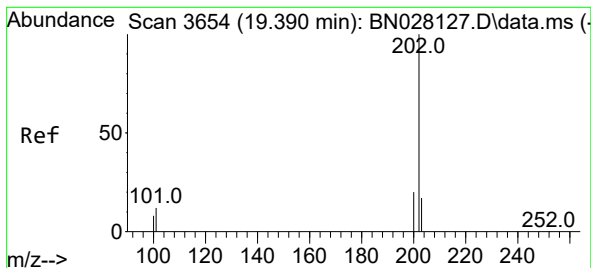
Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

Tgt Ion:178 Resp: 1573

Ion	Ratio	Lower	Upper
178	100		
179	37.6	12.8	19.2
176	39.3	15.0	22.6





#19

Fluoranthene

Concen: 0.054 ng/u1

RT: 19.385 min Scan# 3653

Delta R.T. -0.005 min

Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

BBJQ2

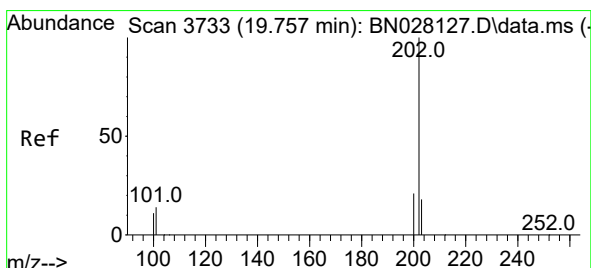
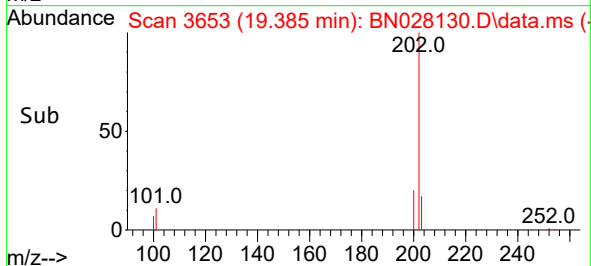
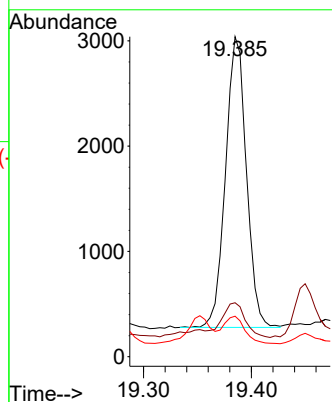
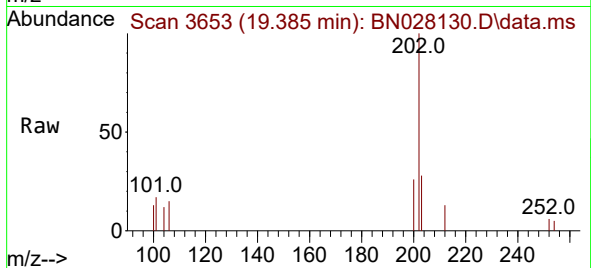
Tgt Ion:	202	Resp:	3715
Ion Ratio	Lower	Upper	
202	100		
101	16.9	9.6	14.4#
100	12.7	7.4	11.0#

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#20

Pyrene

Concen: 0.050 ng/u1

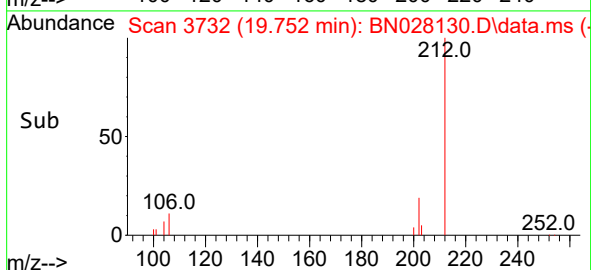
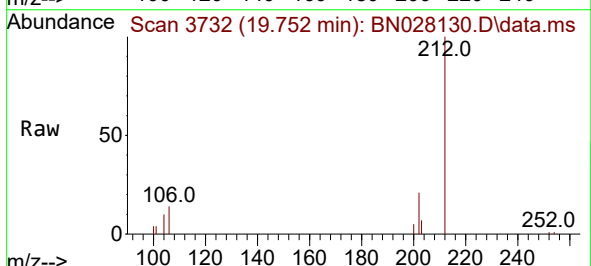
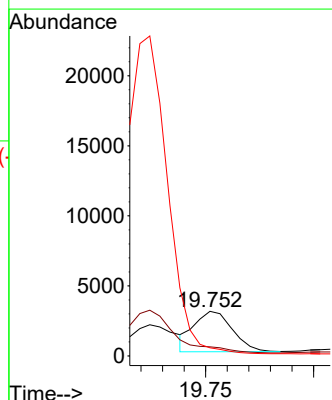
RT: 19.752 min Scan# 3732

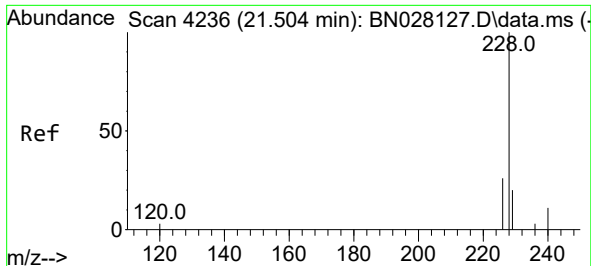
Delta R.T. -0.005 min

Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

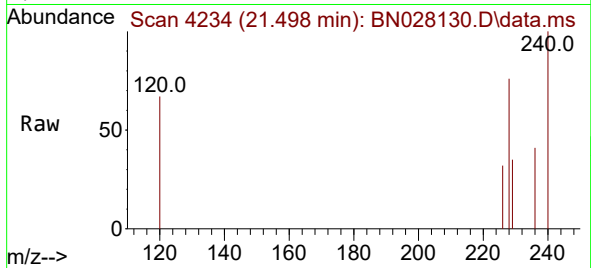
Tgt Ion:	202	Resp:	3557
Ion Ratio	Lower	Upper	
202	100		
101	20.4	11.2	16.8#
100	18.4	9.1	13.7#





#21
Benzo(a)anthracene
Concen: 0.020 ng/ul
RT: 21.498 min Scan# 4234
Delta R.T. -0.003 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

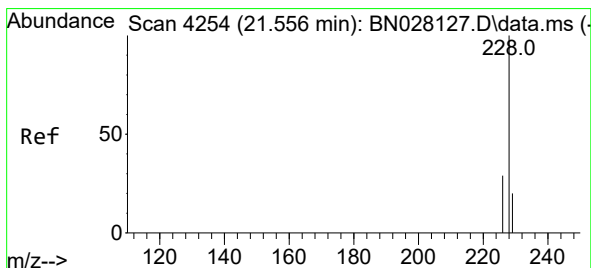
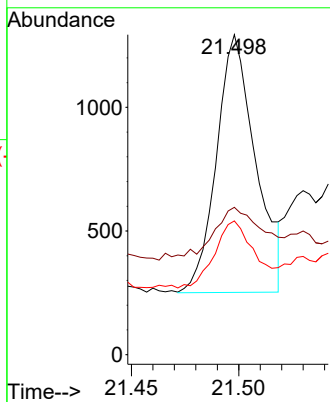
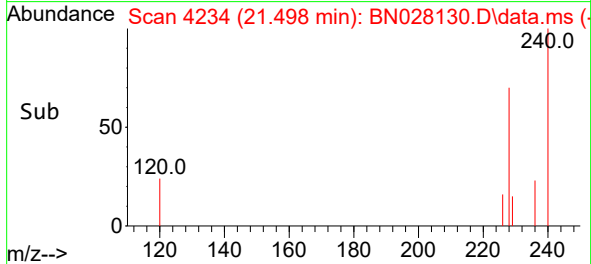
Instrument :
BNA_N
ClientSampleId :
BBJQ2



Tgt Ion:228 Resp: 132
Ion Ratio Lower Upper
228 100
229 46.1 16.0 24.0#
226 41.8 21.5 32.3#

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Supervised By :mohammad ahmed 10/12/2023



#22
Chrysene
Concen: 0.027 ng/ul m
RT: 21.556 min Scan# 4254
Delta R.T. -0.000 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

Tgt Ion:228 Resp: 1767
Ion Ratio Lower Upper
228 100
226 46.5 23.8 35.8#
229 52.5 16.0 24.0#

