

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063023\
 Data File : BN026117.D
 Acq On : 30 Jun 2023 06:37
 Operator : MA/JU
 Sample : 03445-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-462-482-062723

Quant Time: Jun 30 07:27:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 07:06:59 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	6356	0.400	ng	0.00
7) Naphthalene-d8	10.771	136	20227	0.400	ng	0.00
13) Acenaphthene-d10	14.598	164	12576	0.400	ng	0.00
19) Phenanthrene-d10	17.343	188	24070	0.400	ng	0.00
29) Chrysene-d12	21.542	240	12894	0.400	ng	0.00
35) Perylene-d12	23.998	264	13478	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.528	112	440	0.029	ng	0.00
5) Phenol-d6	7.145	99	299	0.015	ng	0.01
8) Nitrobenzene-d5	9.137	82	3067	0.177	ng	0.00
11) 2-Methylnaphthalene-d10	12.362	152	7046	0.238	ng	0.00
14) 2,4,6-Tribromophenol	16.102	330	331	0.072	ng	0.00
15) 2-Fluorobiphenyl	13.229	172	11278	0.232	ng	0.00
27) Fluoranthene-d10	19.379	212	12626	0.248	ng	0.00
31) Terphenyl-d14	19.969	244	9411	0.285	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.354	88	76833	11.428	ng	98
9) Naphthalene	10.824	128	2454	0.045	ng	# 90
25) Phenanthrene	17.393	178	3429m	0.049	ng	
28) Fluoranthene	19.407	202	2748	0.037	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.435	149	6810	0.164	ng	# 97

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

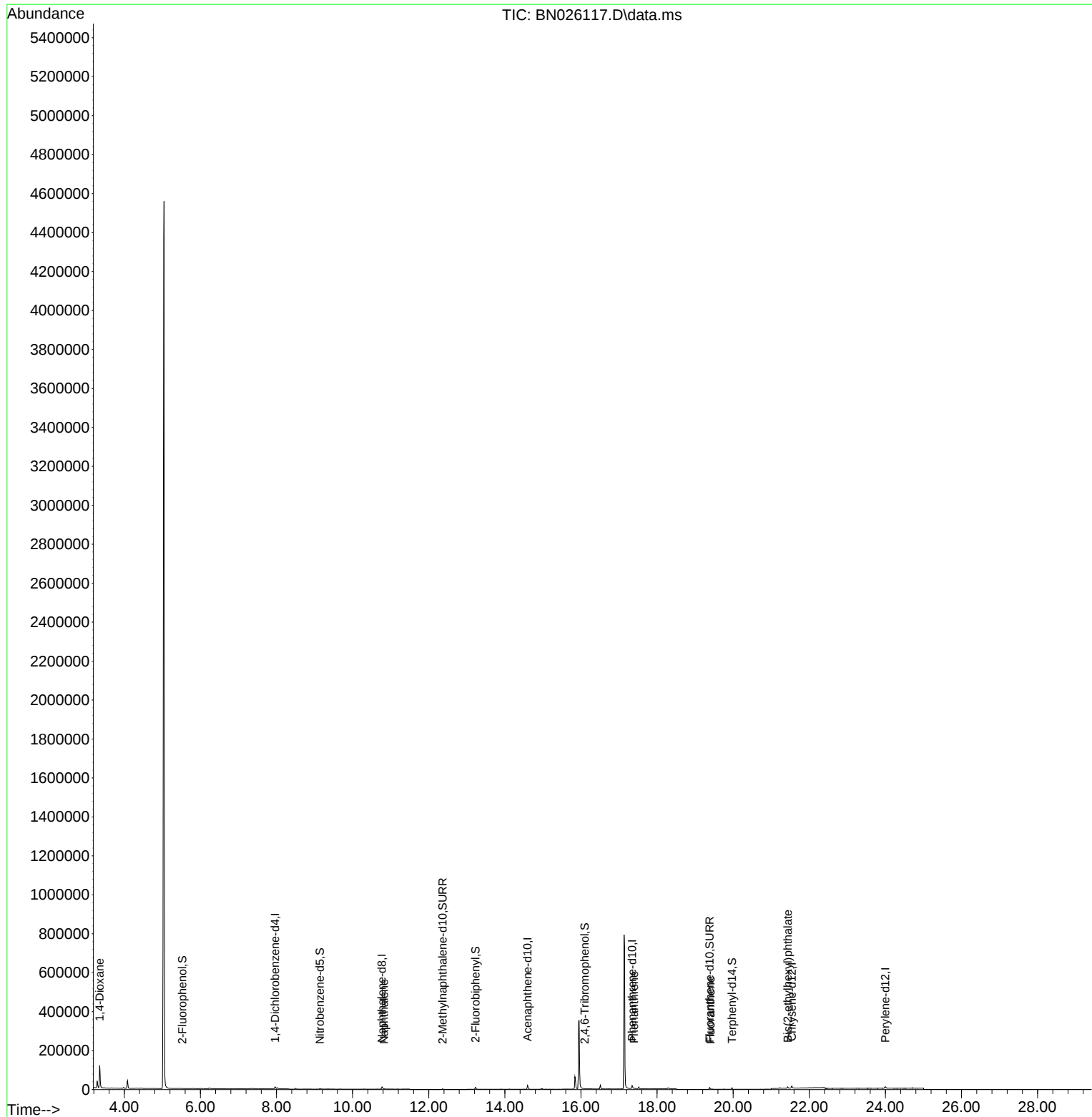
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063023\
Data File : BN026117.D
Acq On : 30 Jun 2023 06:37
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Instrument :
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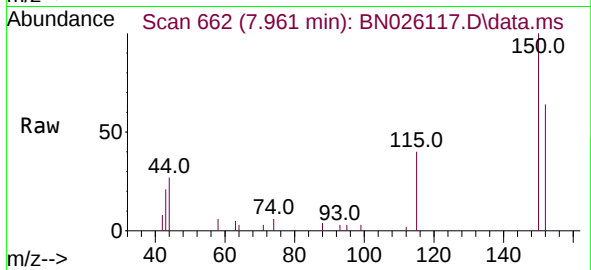
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.961 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

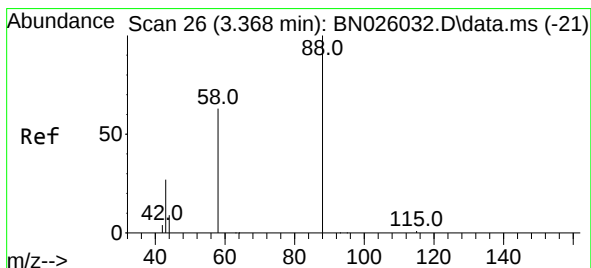
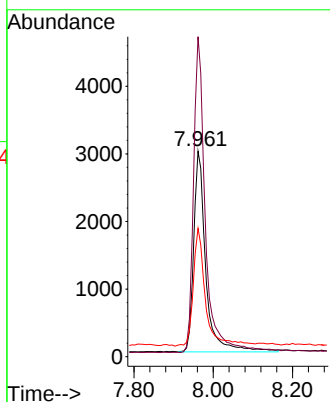
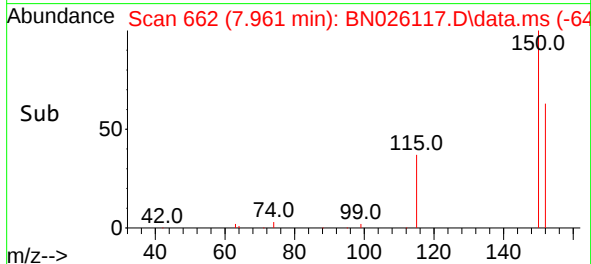
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723



Tgt Ion:152 Resp: 6350
Ion Ratio Lower Upper
152 100
150 155.8 124.7 187.1
115 62.5 48.2 72.4

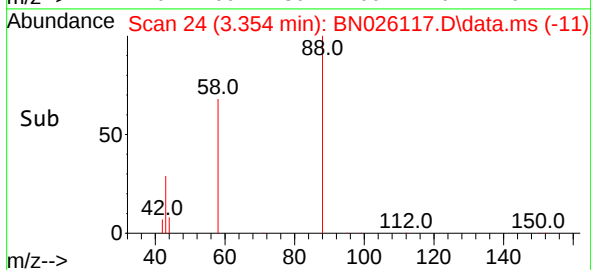
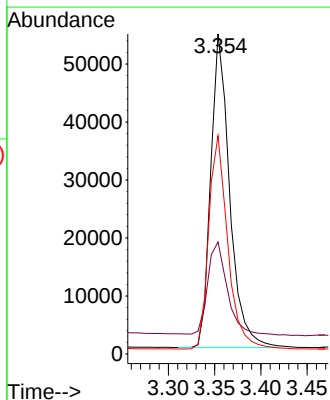
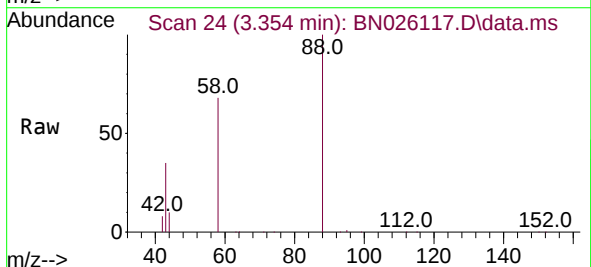
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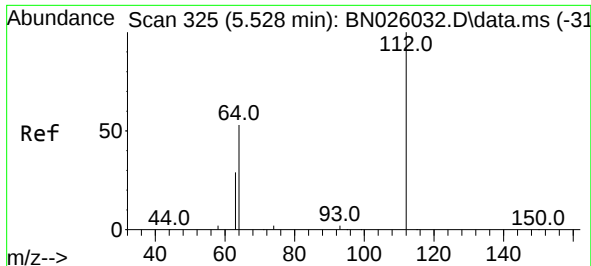
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#2
1,4-Dioxane
Concen: 11.428 ng
RT: 3.354 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

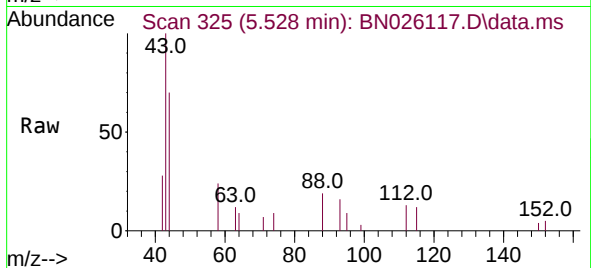
Tgt Ion: 88 Resp: 76833
Ion Ratio Lower Upper
88 100
43 30.8 24.2 36.4
58 68.6 53.3 79.9





#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.528 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

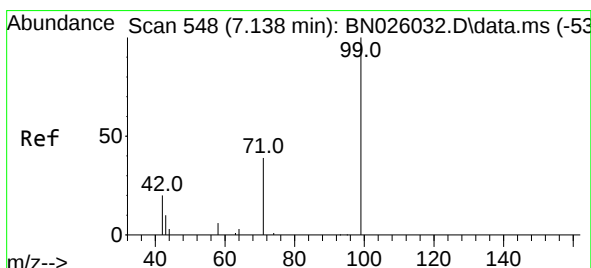
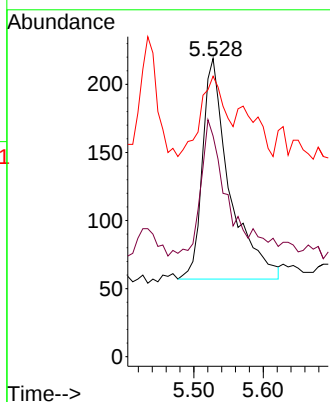
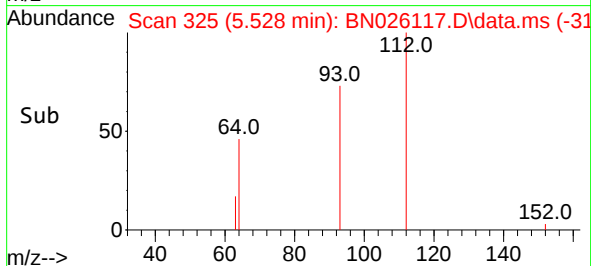
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723



Tgt Ion: 112 Resp: 440
Ion Ratio Lower Upper
112 100
64 51.4 45.8 68.6
63 33.2 27.4 41.2

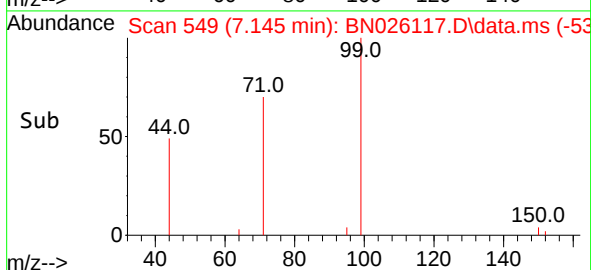
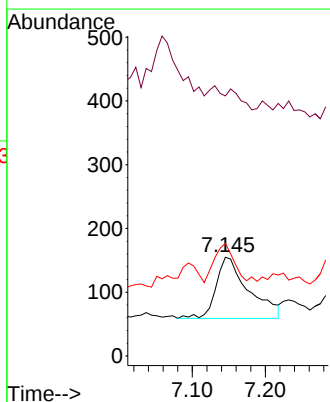
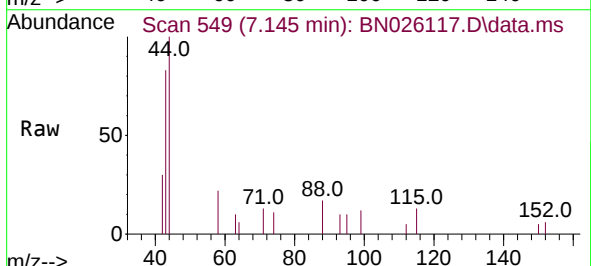
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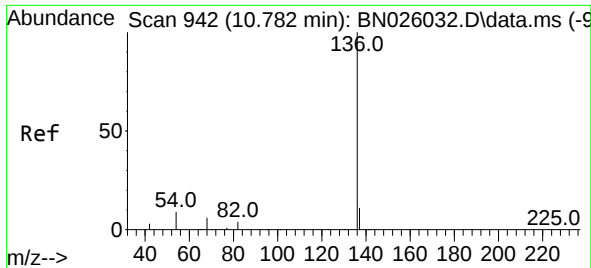
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#5
Phenol-d6
Concen: 0.015 ng
RT: 7.145 min Scan# 549
Delta R.T. 0.014 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

Tgt Ion: 99 Resp: 299
Ion Ratio Lower Upper
99 100
42 0.0 18.4 27.6#
71 42.8 30.6 46.0





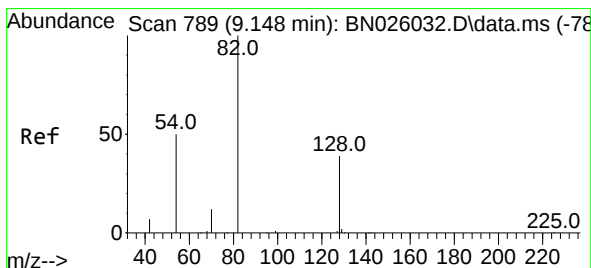
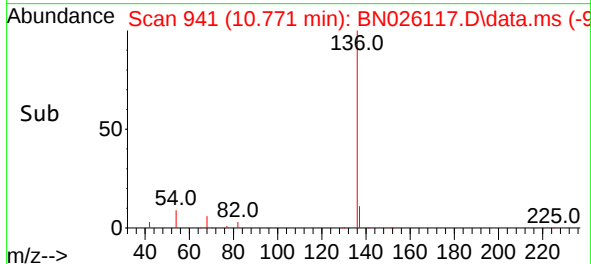
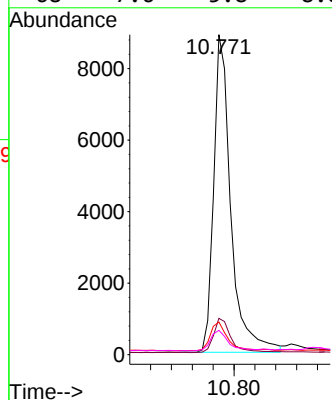
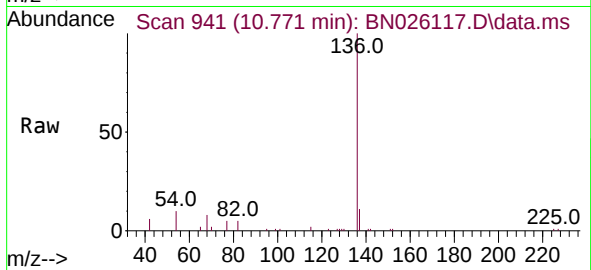
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.771 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	10.2	7.8	11.6
68	7.6	5.8	8.8

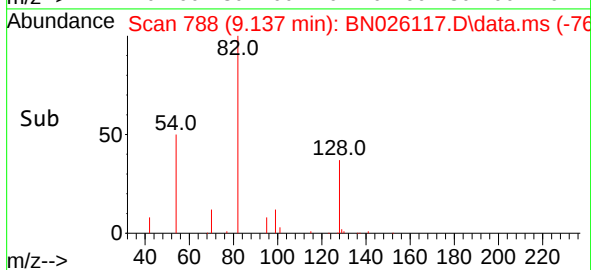
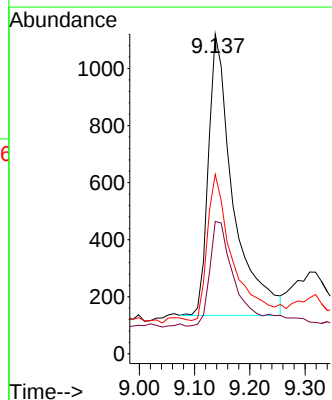
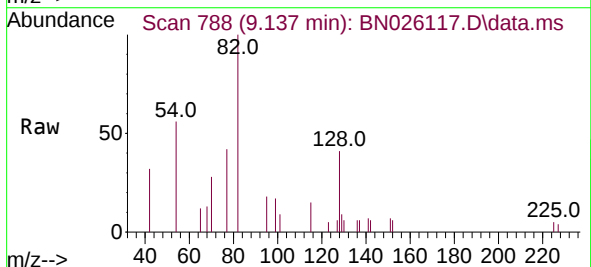
Manual Integrations
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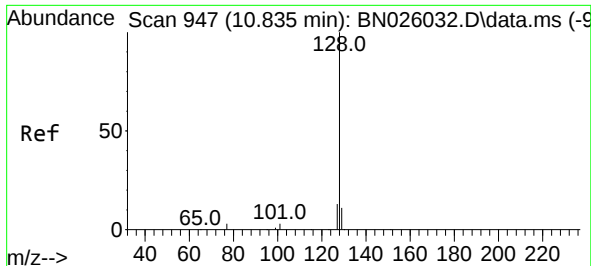
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#8
Nitrobenzene-d5
Concen: 0.177 ng
RT: 9.137 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

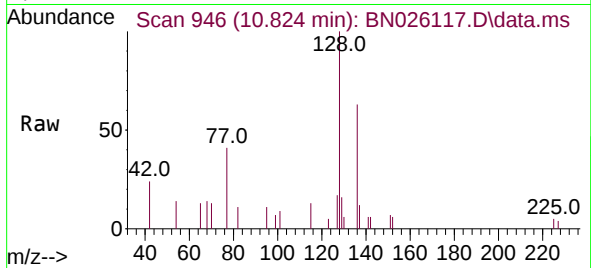
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.4	50.2
54	56.1	41.7	62.5





#9
Naphthalene
Concen: 0.045 ng
RT: 10.824 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

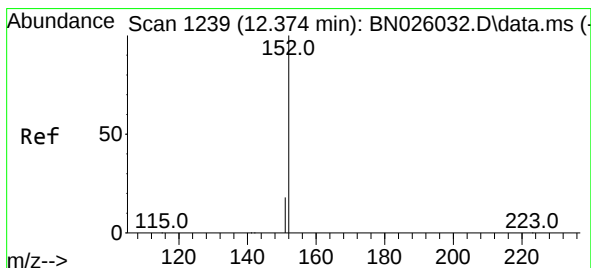
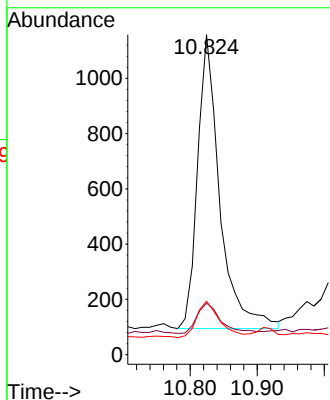
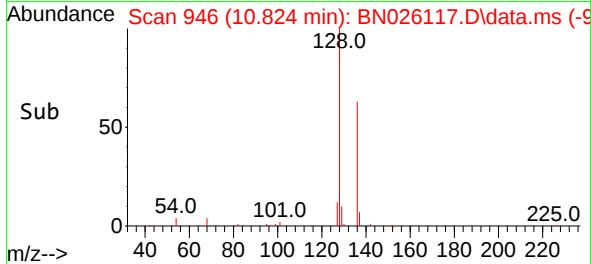
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723



Tgt Ion:128 Resp: 2454
Ion Ratio Lower Upper
128 100
129 16.1 9.1 13.7
127 16.7 10.9 16.3

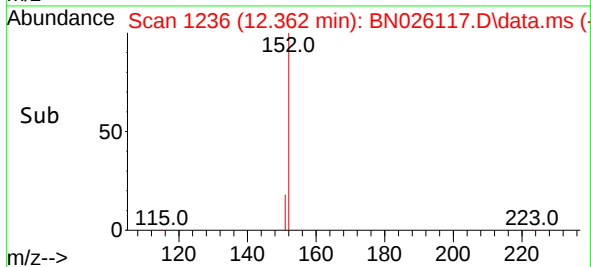
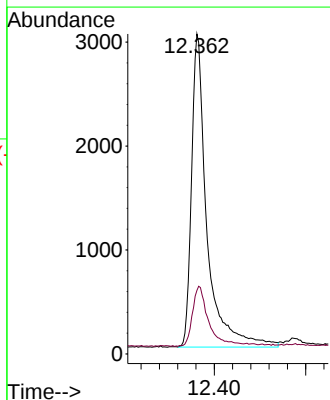
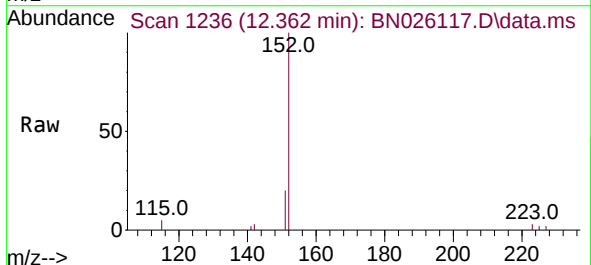
Manual Integrations
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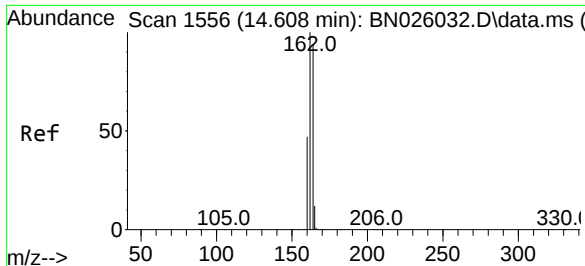
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.362 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

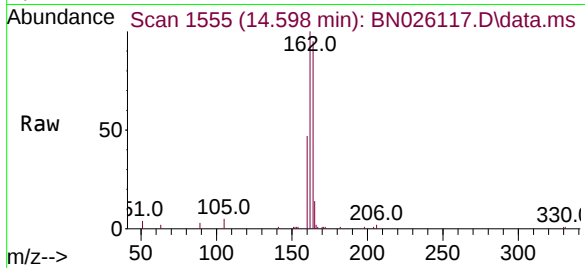
Tgt Ion:152 Resp: 7046
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.598 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

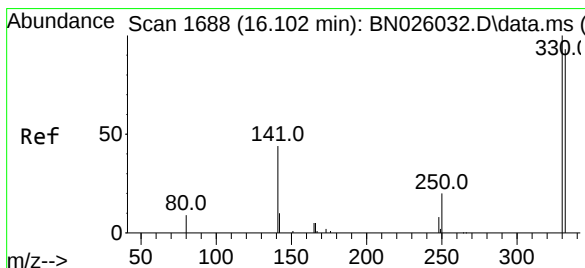
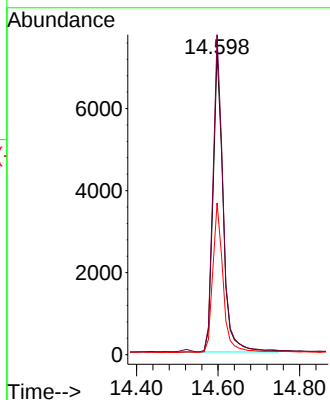
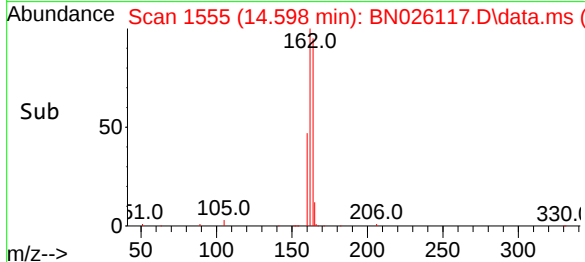
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723



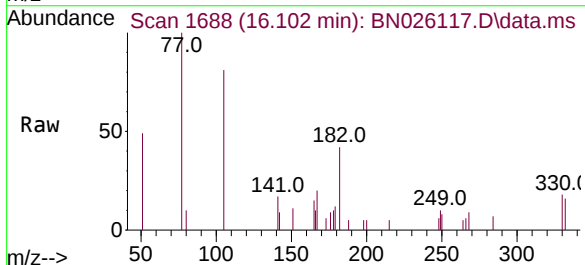
Tgt Ion:164 Resp: 12570
Ion Ratio Lower Upper
164 100
162 105.4 85.3 127.9
160 50.0 40.0 60.0

Manual Integrations
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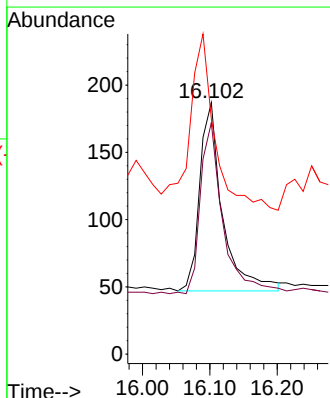
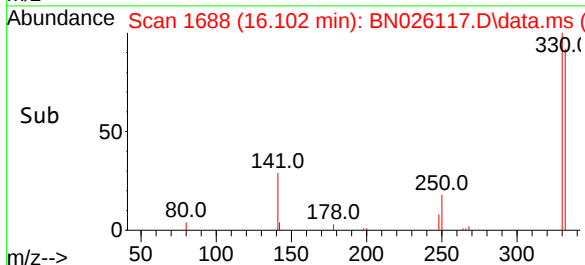
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

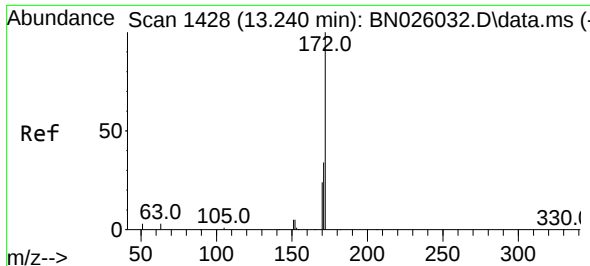


#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 16.102 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37



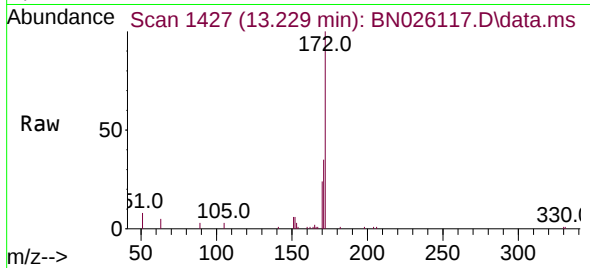
Tgt Ion:330 Resp: 331
Ion Ratio Lower Upper
330 100
332 89.1 76.0 114.0
141 102.7 42.8 64.2#





#15
2-Fluorobiphenyl
Concen: 0.232 ng
RT: 13.229 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

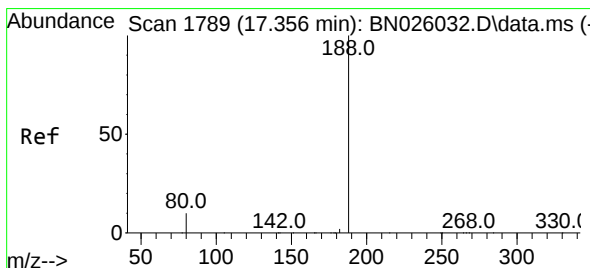
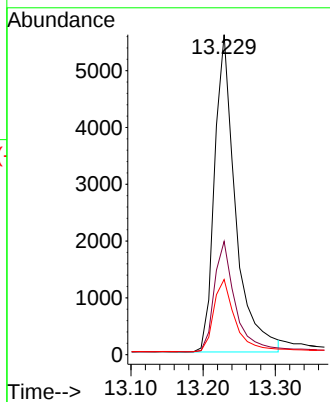
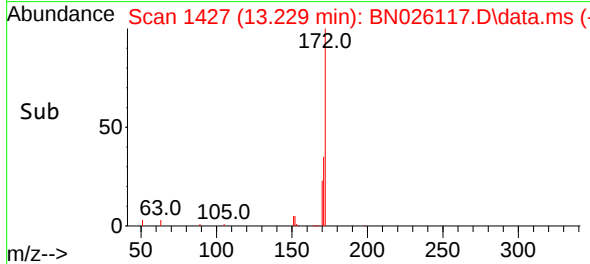
Instrument : BNA_N
ClientSampleId : GWOW-BR-05-462-482-062723



Tgt Ion:172 Resp: 11278
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.5 19.3 28.9

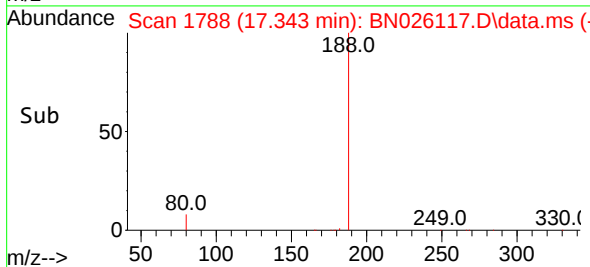
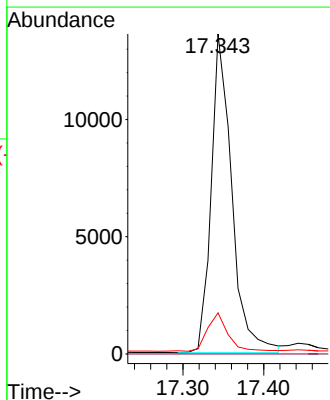
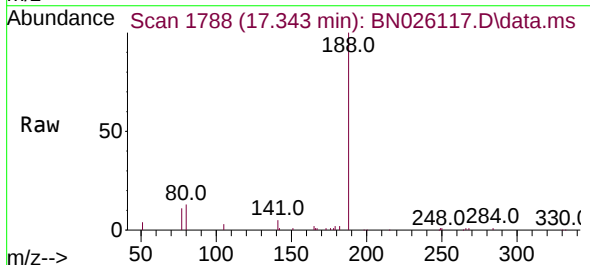
Manual Integrations
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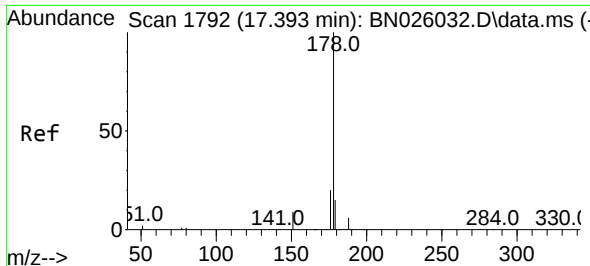
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.343 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

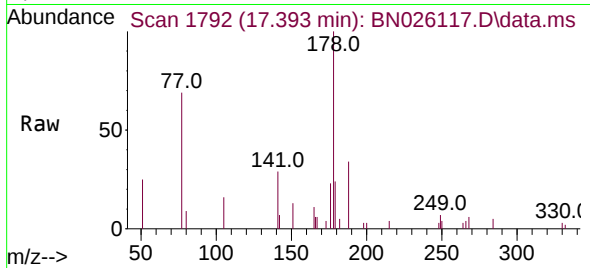
Tgt Ion:188 Resp: 24070
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 8.6 13.0





#25
Phenanthrene
Concen: 0.049 ng m
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

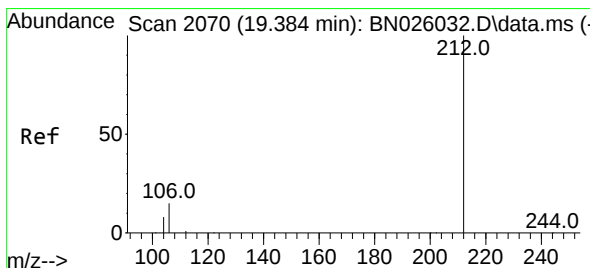
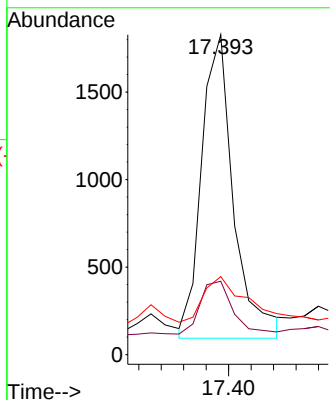
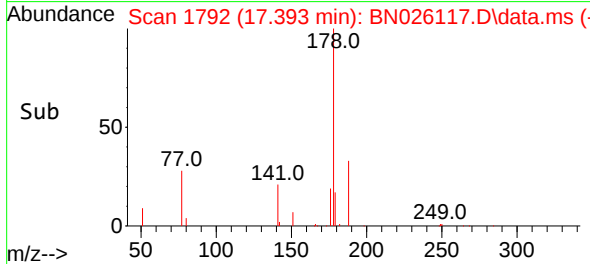
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723



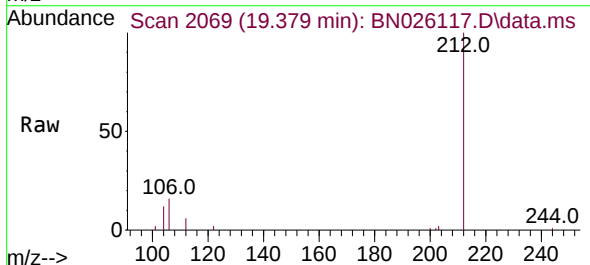
Tgt Ion:178 Resp: 3429
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 22.5 12.3 18.5

Manual Integrations
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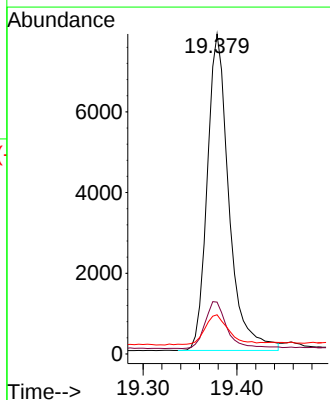
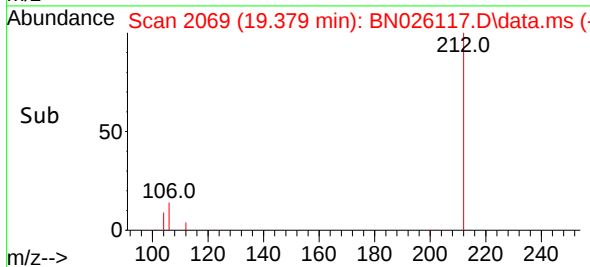
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

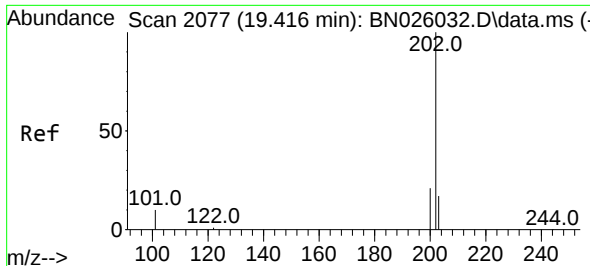


#27
Fluoranthene-d10
Concen: 0.248 ng
RT: 19.379 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37



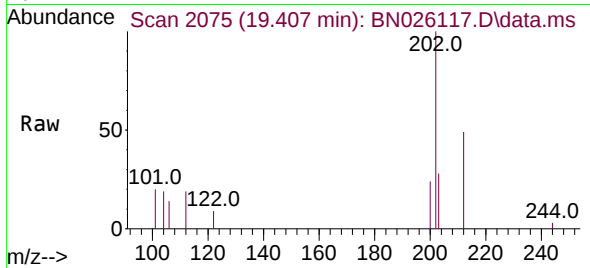
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Ion Ratio Lower Upper
212 100
106 15.2 11.6 17.4
104 10.9 7.2 10.8





#28
Fluoranthene
Concen: 0.037 ng
RT: 19.407 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

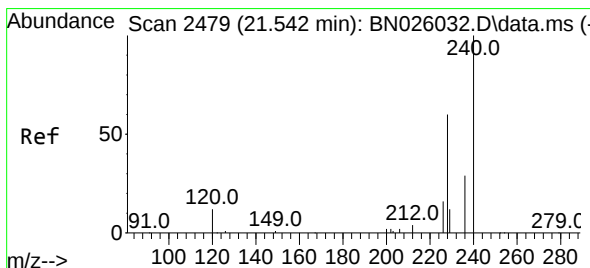
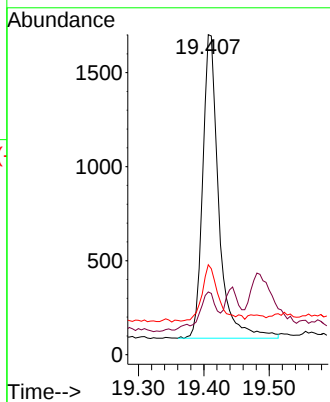
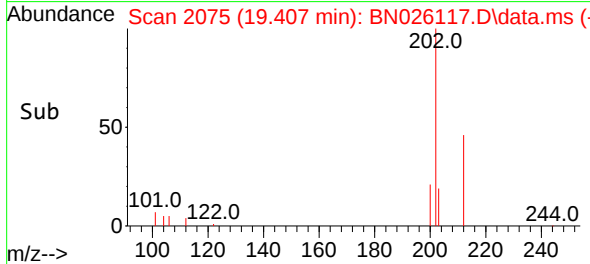
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723



Tgt Ion:202 Resp: 2748
Ion Ratio Lower Upper
202 100
101 13.3 8.3 12.5
203 18.9 13.5 20.3

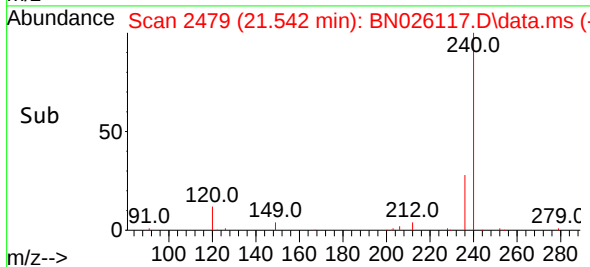
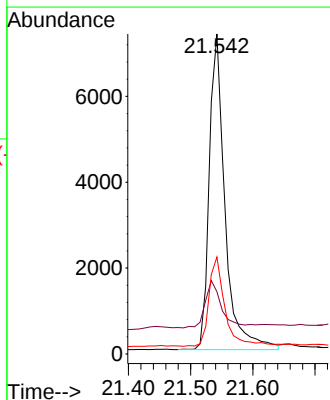
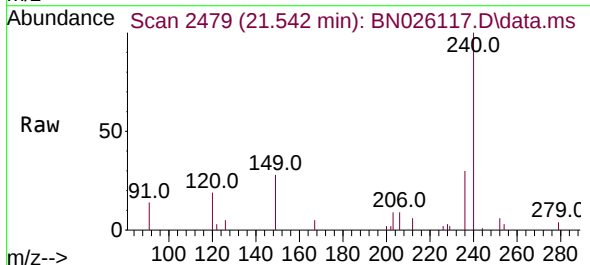
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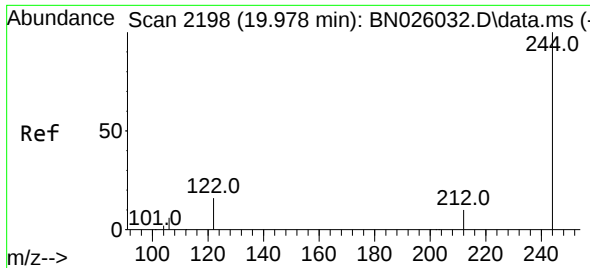
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.542 min Scan# 2479
Delta R.T. 0.009 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

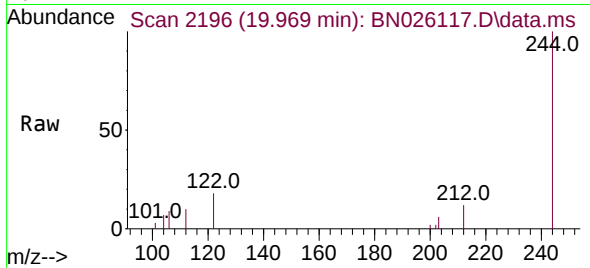
Tgt Ion:240 Resp: 12894
Ion Ratio Lower Upper
240 100
120 19.4 14.6 22.0
236 30.3 24.2 36.2





#31
 Terphenyl-d14
 Concen: 0.285 ng
 RT: 19.969 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

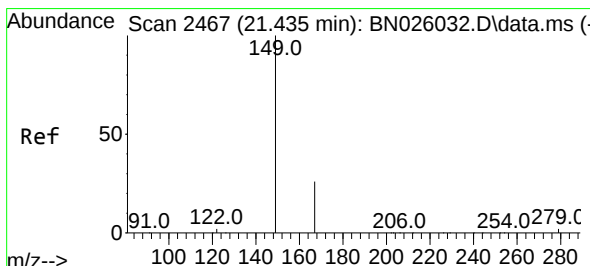
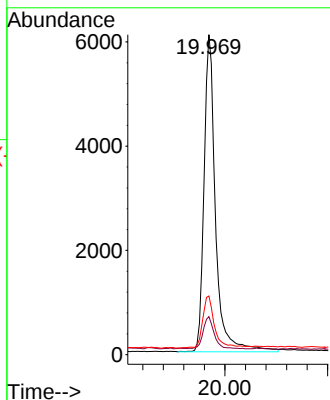
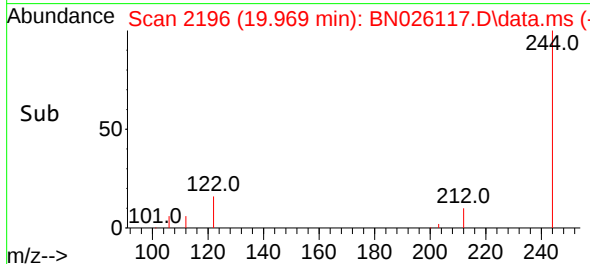
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-462-482-062723



Tgt Ion:244 Resp: 941
 Ion Ratio Lower Upper
 244 100
 212 11.9 8.7 13.1
 122 18.4 13.7 20.5

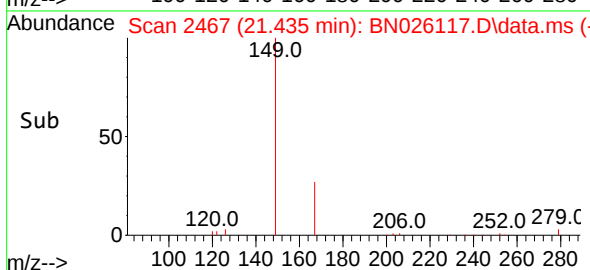
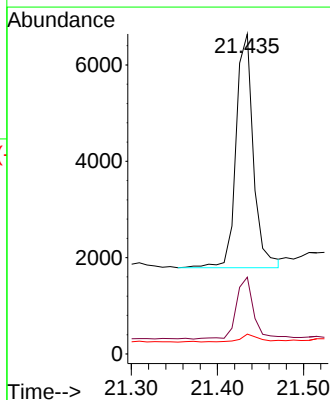
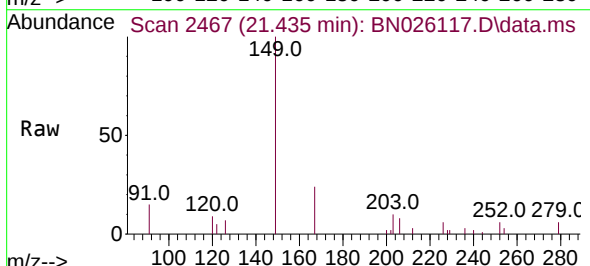
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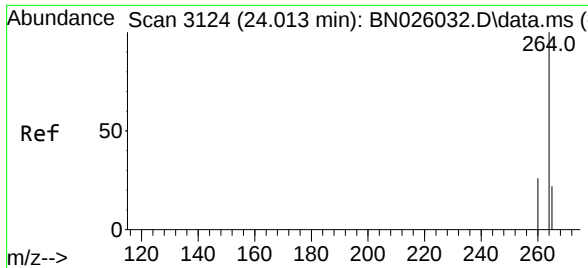
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.164 ng
 RT: 21.435 min Scan# 2467
 Delta R.T. 0.009 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

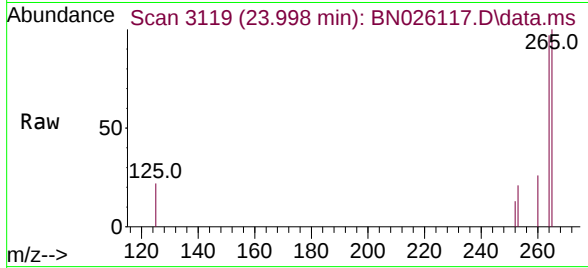
Tgt Ion:149 Resp: 6810
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.2 30.4
 279 3.7 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.998 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-462-482-062723



Tgt Ion:264 Resp: 13478
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.9 32.9
 265 102.9 80.3 120.5

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Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

