

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062723\
 Data File : BN026042.D
 Acq On : 27 Jun 2023 18:11
 Operator : MA/JU
 Sample : 03376-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TW-1

Quant Time: Jun 28 05:50:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 05:23:31 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	5835	0.400	ng	0.00
7) Naphthalene-d8	10.792	136	16826	0.400	ng	0.01
13) Acenaphthene-d10	14.608	164	10488	0.400	ng	0.00
19) Phenanthrene-d10	17.356	188	21136	0.400	ng	0.00
29) Chrysene-d12	21.542	240	11351	0.400	ng	0.00
35) Perylene-d12	24.013	264	11298	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.528	112	1919	0.136	ng	0.00
5) Phenol-d6	7.153	99	1398	0.077	ng	0.01
8) Nitrobenzene-d5	9.148	82	4304	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.377	152	8085	0.329	ng	0.00
14) 2,4,6-Tribromophenol	16.102	330	1209	0.317	ng	0.00
15) 2-Fluorobiphenyl	13.240	172	17325	0.428	ng	0.00
27) Fluoranthene-d10	19.384	212	15608	0.349	ng	0.00
31) Terphenyl-d14	19.974	244	12423	0.428	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.393	178	2671m	0.043	ng	
28) Fluoranthene	19.416	202	3158	0.049	ng	# 89
30) Pyrene	19.779	202	2694	0.043	ng	96
32) Benzo(a)anthracene	21.533	228	834	0.020	ng	# 65
33) Chrysene	21.578	228	1135	0.025	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.435	149	2569	0.070	ng	# 93

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

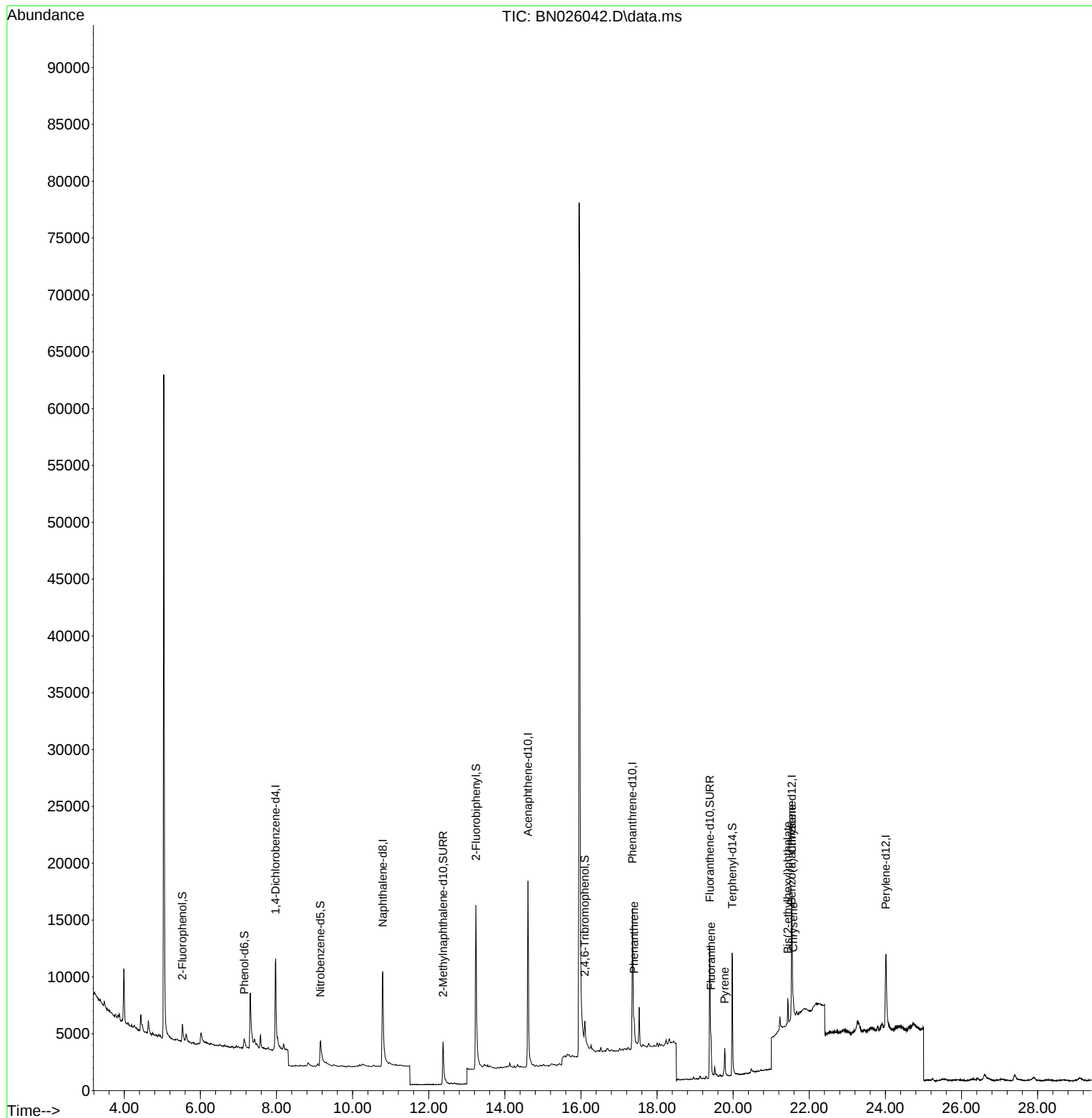
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062723\
Data File : BN026042.D
Acq On : 27 Jun 2023 18:11
Operator : MA/JU
Sample : 03376-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

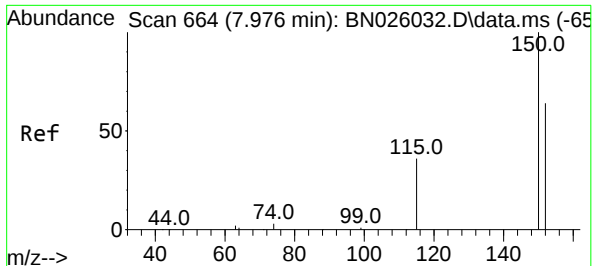
Instrument :
BNA_N
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TW-1

Quant Time: Jun 28 05:50:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
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Manual Integrations
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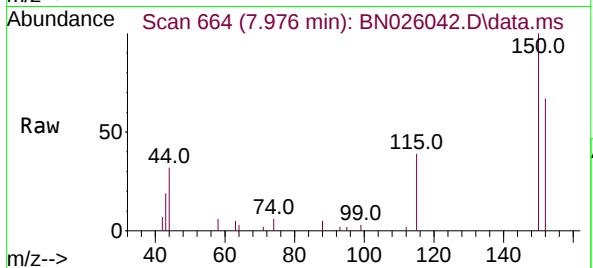
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.976 min Scan# 664
Delta R.T. 0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

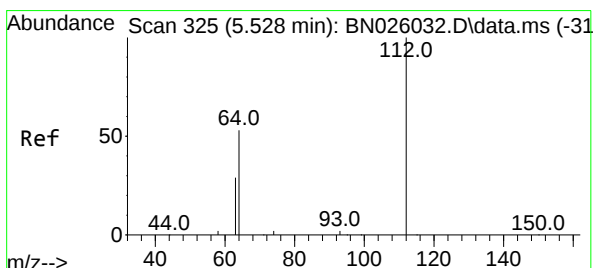
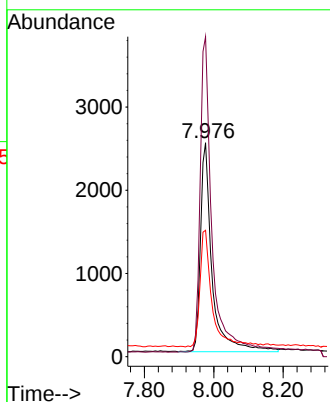
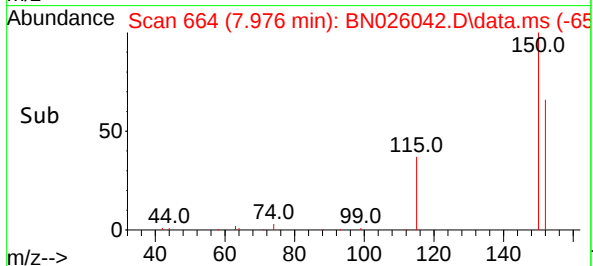
Instrument :
BNA_N
ClientSampleId :
TW-1



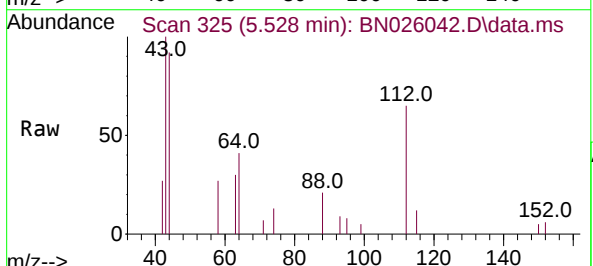
Tgt Ion:152 Resp: 583
Ion Ratio Lower Upper
152 100
150 149.6 124.7 187.1
115 59.1 48.2 72.4

Manual Integrations
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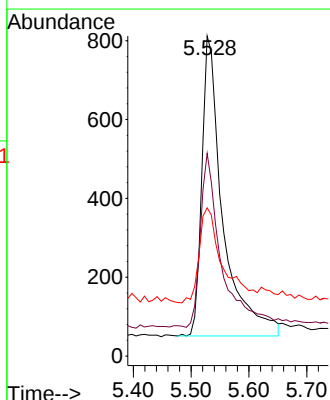
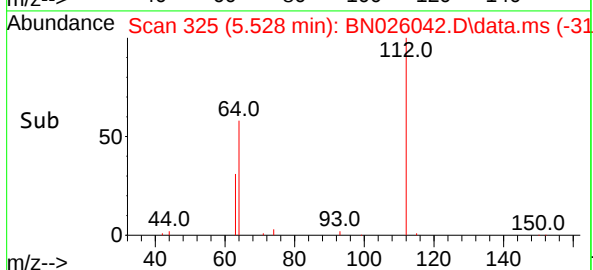
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

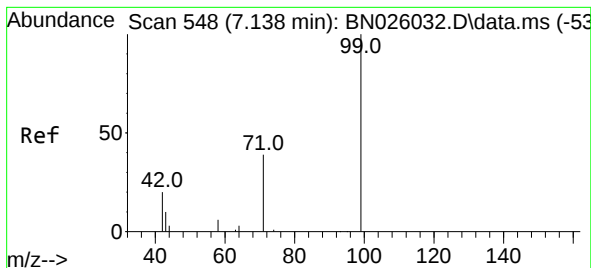


#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.528 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11



Tgt Ion:112 Resp: 1919
Ion Ratio Lower Upper
112 100
64 57.8 45.8 68.6
63 35.8 27.4 41.2





#5

Phenol-d6

Concen: 0.077 ng

RT: 7.153 min Scan# 51

Delta R.T. 0.014 min

Lab File: BN026042.D

Acq: 27 Jun 2023 18:11

Instrument :

BNA_N

ClientSampleId :

TW-1

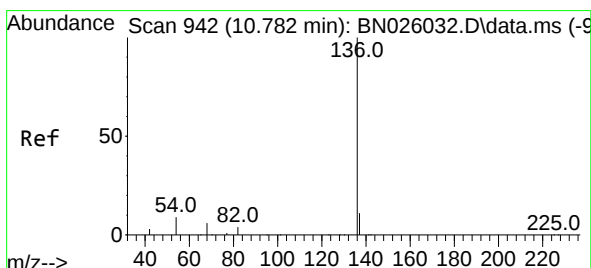
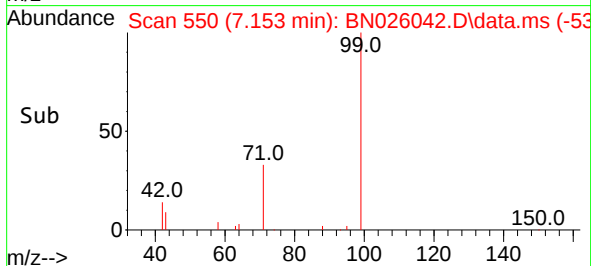
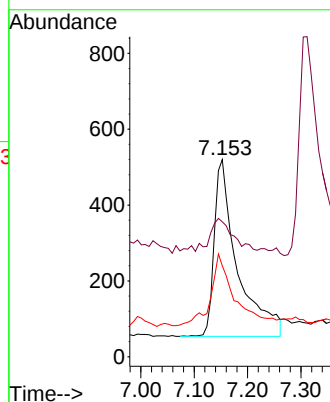
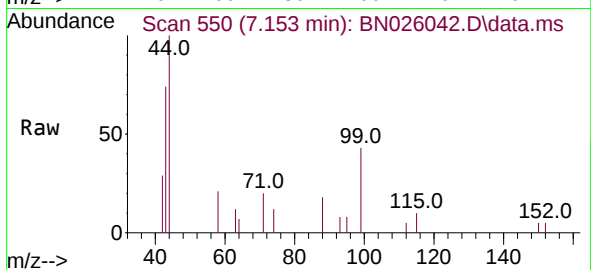
Tgt Ion: 99	Resp: 1398
Ion Ratio	Lower Upper
99	100
42	18.7 18.4 27.6
71	41.8 30.6 46.0

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#7

Naphthalene-d8

Concen: 0.400 ng

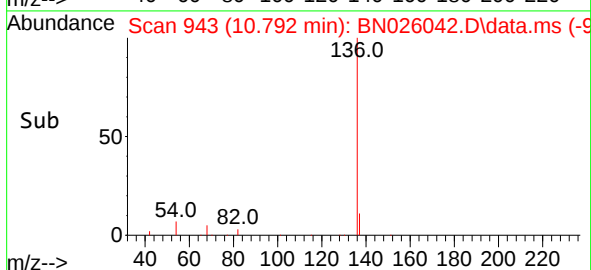
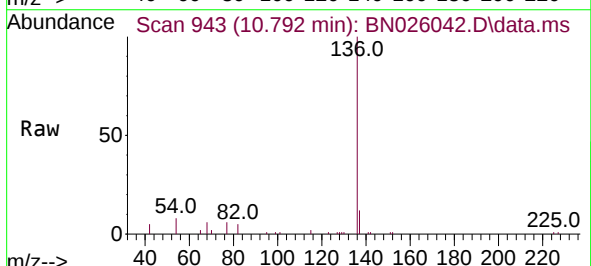
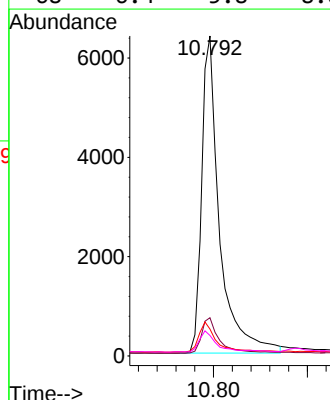
RT: 10.792 min Scan# 943

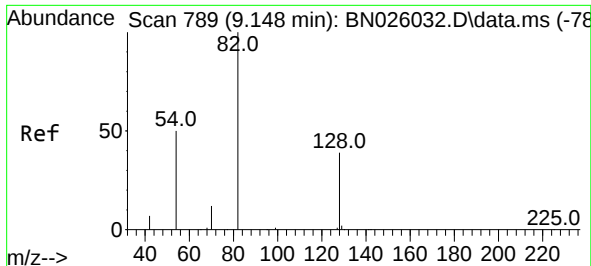
Delta R.T. 0.011 min

Lab File: BN026042.D

Acq: 27 Jun 2023 18:11

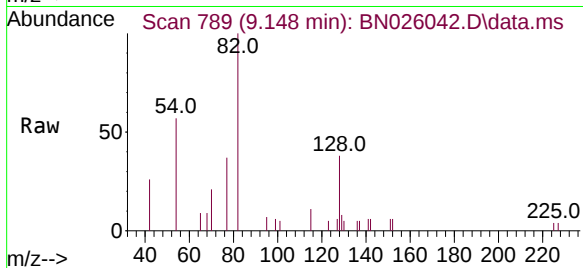
Tgt Ion:136	Resp: 16826
Ion Ratio	Lower Upper
136	100
137	11.9 9.0 13.4
54	8.4 7.8 11.6
68	6.4 5.8 8.8





#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.148 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

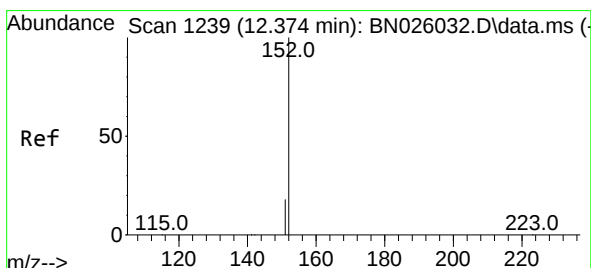
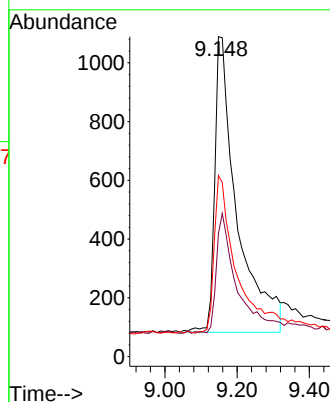
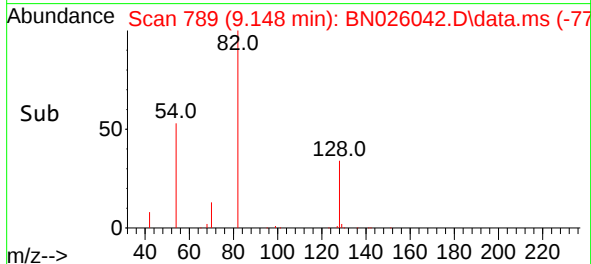
Instrument :
BNA_N
ClientSampleId :
TW-1



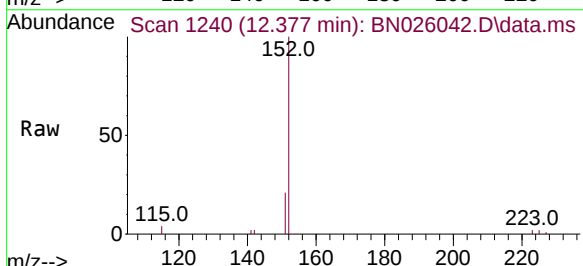
Tgt Ion: 82 Resp: 4304
Ion Ratio Lower Upper
82 100
128 38.5 33.4 50.2
54 56.6 41.7 62.5

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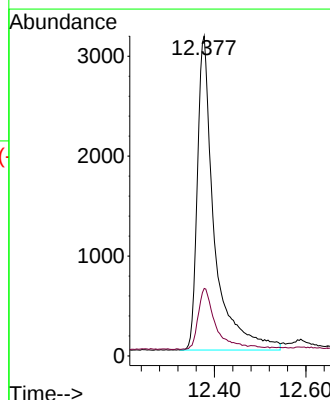
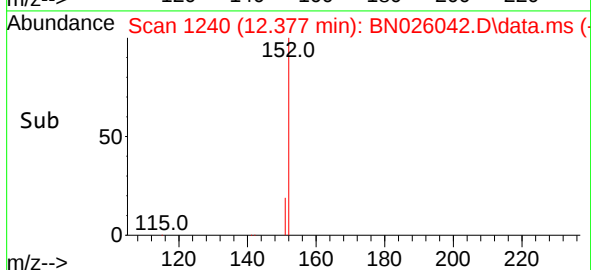
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

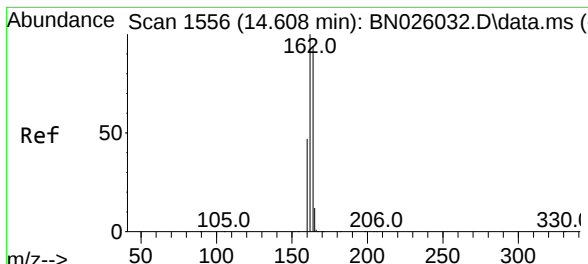


#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.377 min Scan# 1240
Delta R.T. 0.004 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11



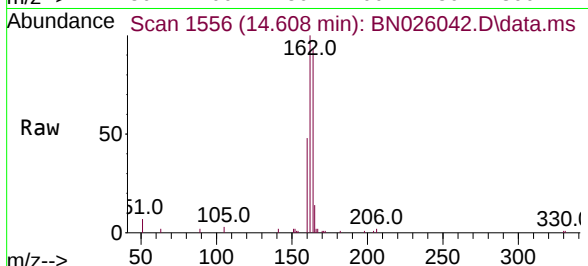
Tgt Ion:152 Resp: 8085
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.608 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

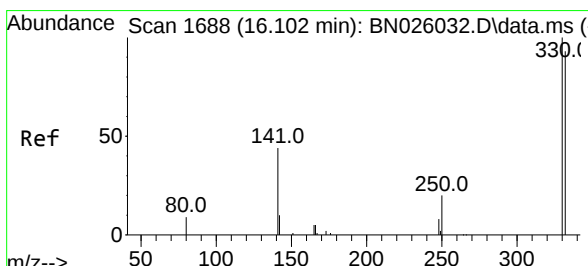
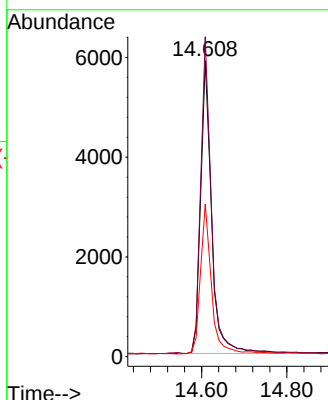
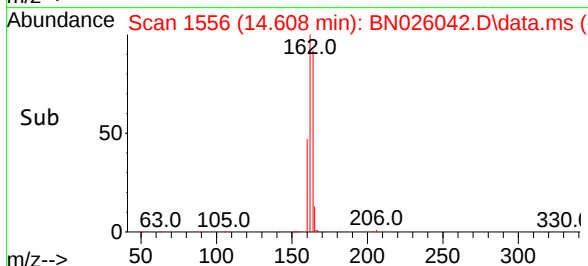
Instrument :
BNA_N
ClientSampleId :
TW-1



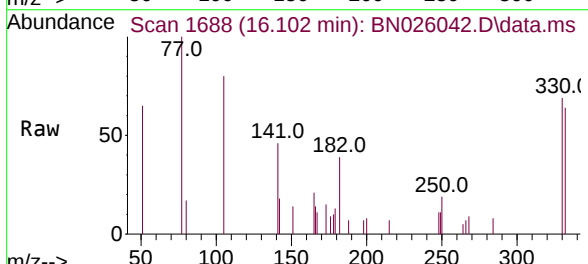
Tgt Ion:164 Resp: 1048
Ion Ratio Lower Upper
164 100
162 108.1 85.3 127.9
160 51.6 40.0 60.0

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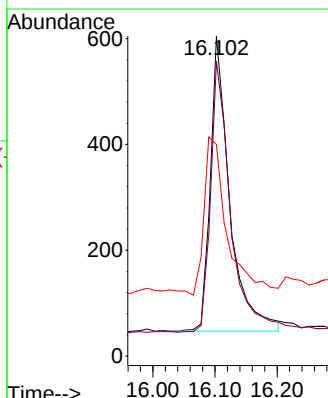
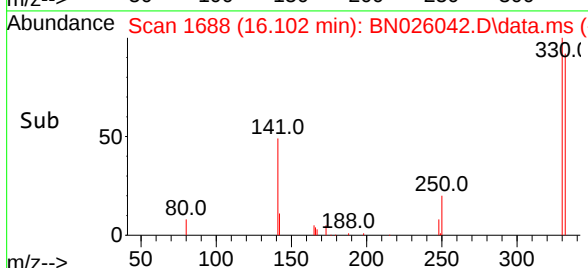
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

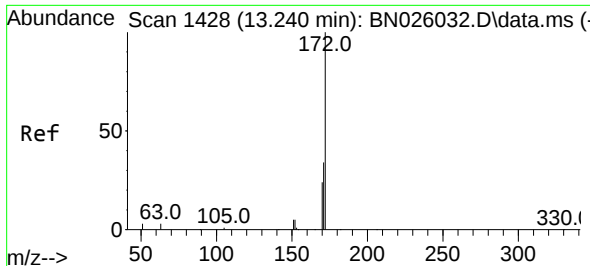


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 16.102 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11



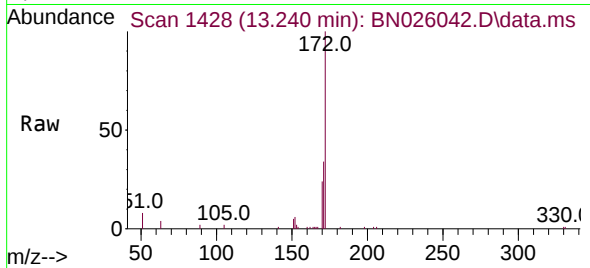
Tgt Ion:330 Resp: 1209
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 58.1 42.8 64.2





#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 13.240 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

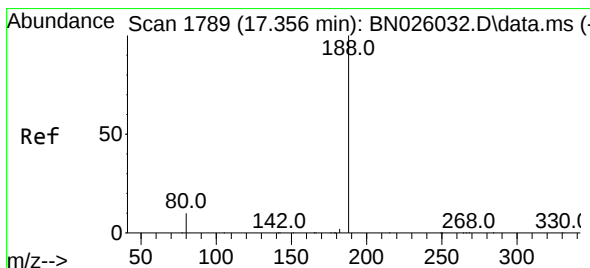
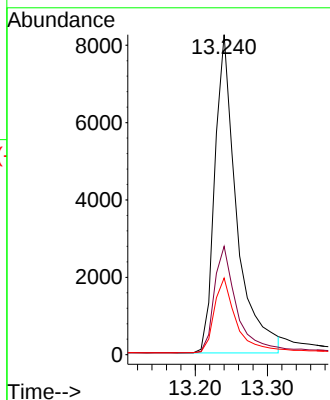
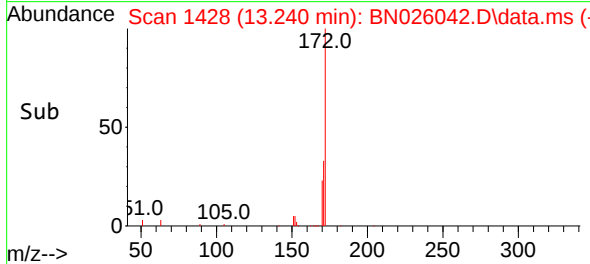
Instrument :
BNA_N
ClientSampleId :
TW-1



Tgt Ion:172 Resp: 17325
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.9 19.3 28.9

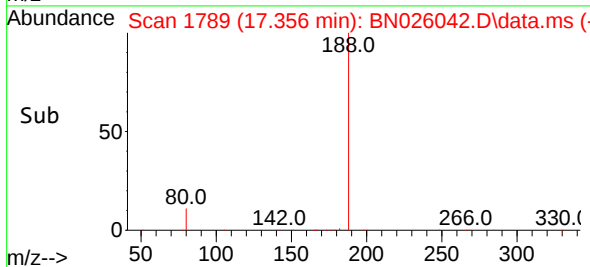
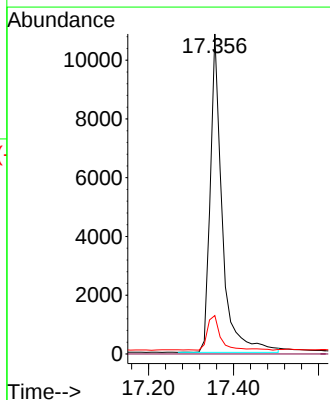
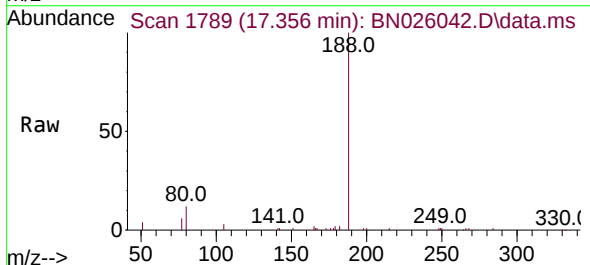
Manual Integrations
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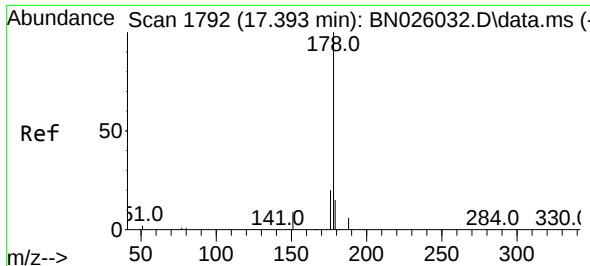
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.356 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

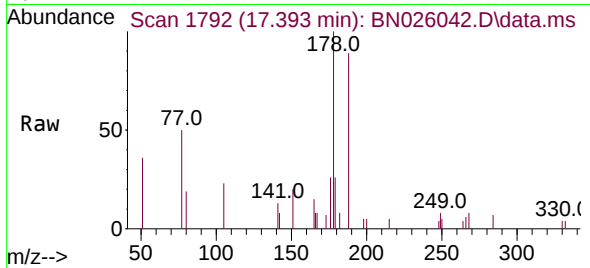
Tgt Ion:188 Resp: 21136
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 8.6 13.0





#25
Phenanthrene
Concen: 0.043 ng m
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

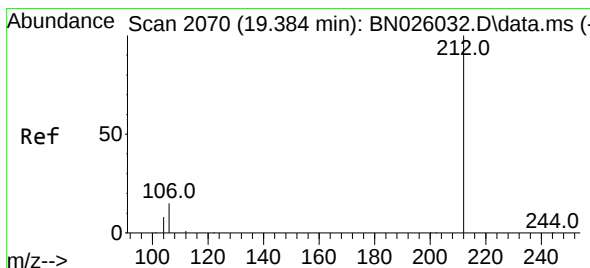
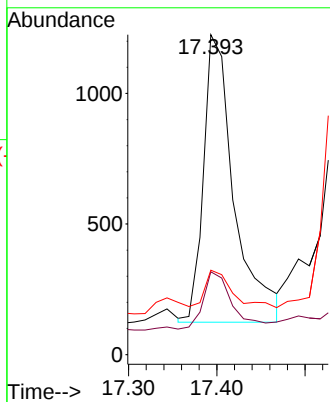
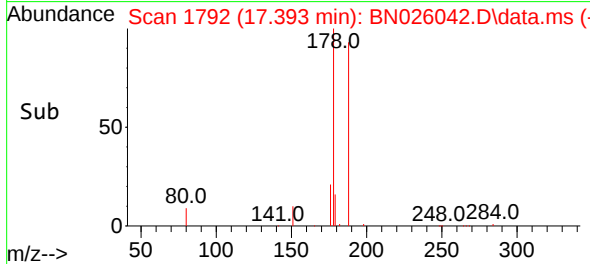
Instrument :
BNA_N
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TW-1



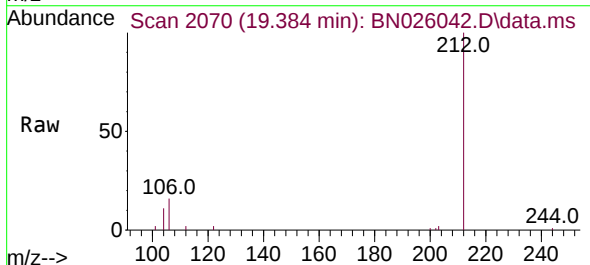
Tgt Ion:178 Resp: 267
Ion Ratio Lower Upper
178 100
176 22.1 15.6 23.4
179 13.8 12.3 18.5

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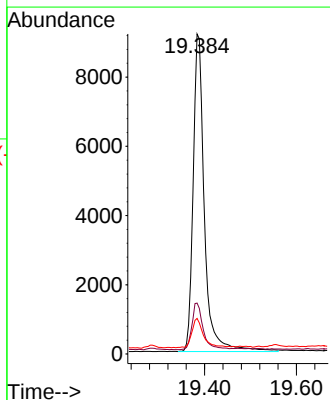
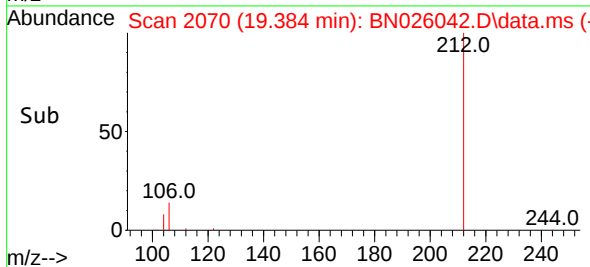
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

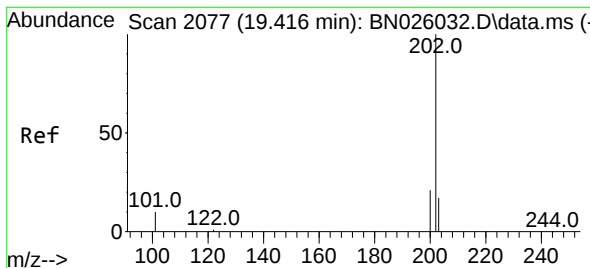


#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.384 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11



Tgt Ion:212 Resp: 15608
Ion Ratio Lower Upper
212 100
106 14.7 11.6 17.4
104 9.7 7.2 10.8





#28

Fluoranthene

Concen: 0.049 ng

RT: 19.416 min Scan# 2077

Delta R.T. -0.000 min

Lab File: BN026042.D

Acq: 27 Jun 2023 18:11

Instrument :

BNA_N

ClientSampleId :

TW-1

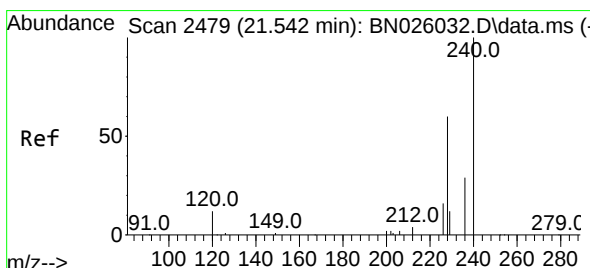
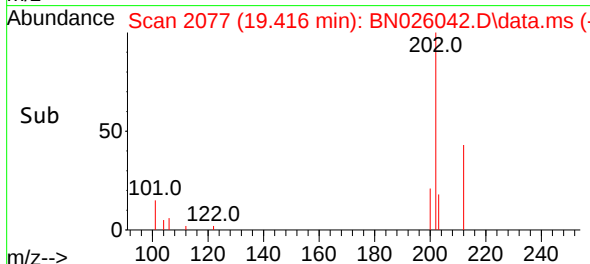
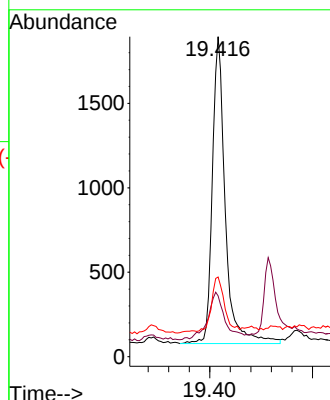
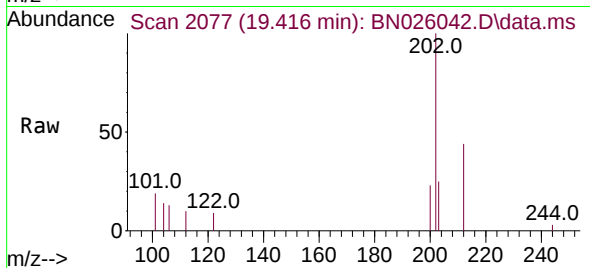
Tgt Ion:	202	Resp:	315
Ion Ratio	Lower	Upper	
202	100		
101	20.8	8.3	12.5
203	17.3	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#29

Chrysene-d12

Concen: 0.400 ng

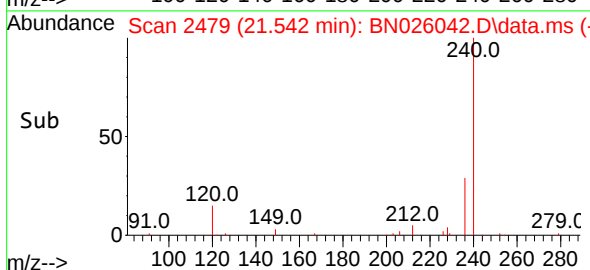
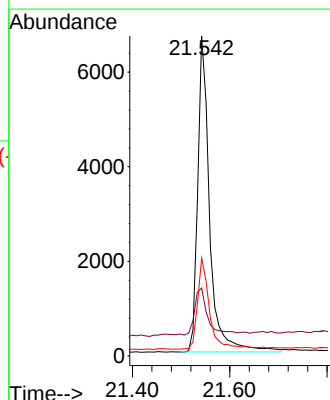
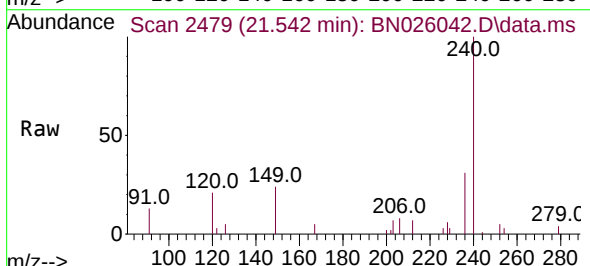
RT: 21.542 min Scan# 2479

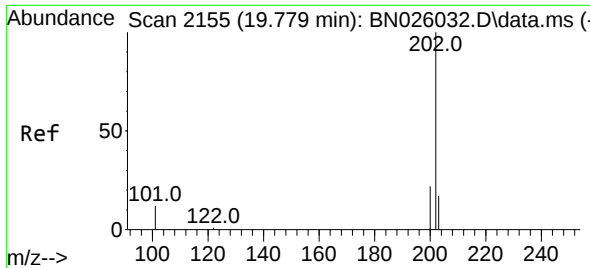
Delta R.T. -0.000 min

Lab File: BN026042.D

Acq: 27 Jun 2023 18:11

Tgt Ion:	240	Resp:	11351
Ion Ratio	Lower	Upper	
240	100		
120	21.2	14.6	22.0
236	30.6	24.2	36.2





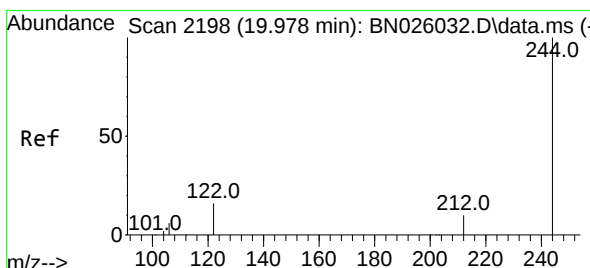
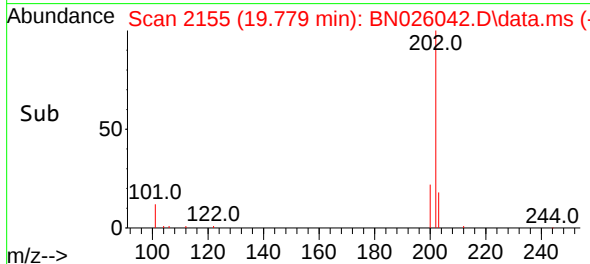
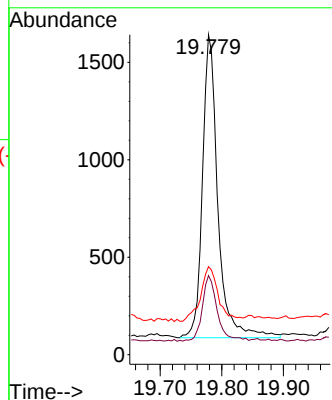
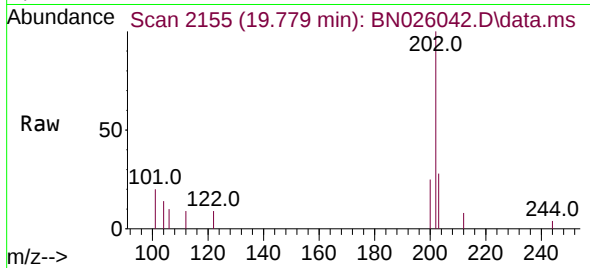
#30
Pyrene
Concen: 0.043 ng
RT: 19.779 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

Instrument :
BNA_N
ClientSampleId :
TW-1

Tgt Ion:	202	Resp:	2694
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	20.8	14.2	21.4

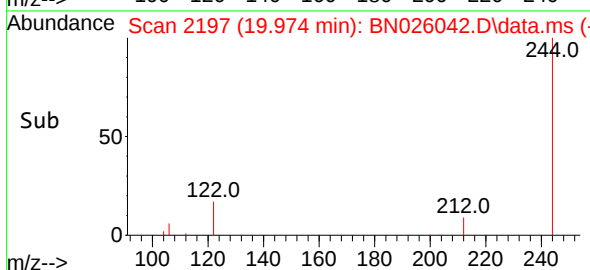
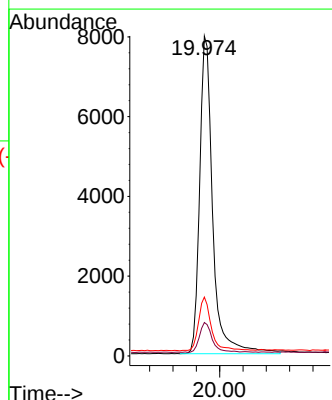
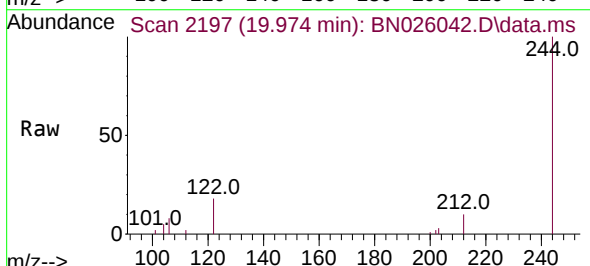
Manual Integrations
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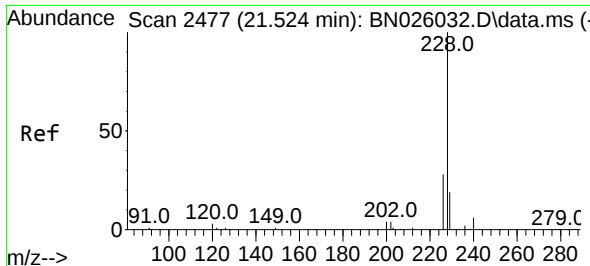
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.974 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

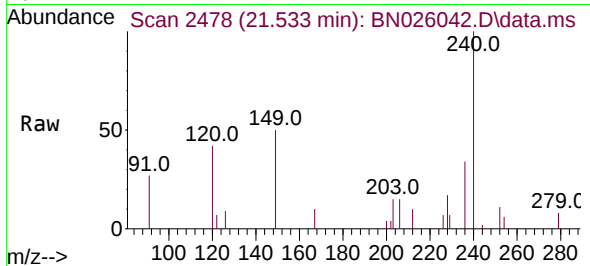
Tgt Ion:	244	Resp:	12423
Ion Ratio	Lower	Upper	
244	100		
212	10.4	8.7	13.1
122	18.4	13.7	20.5





#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.533 min Scan# 2477
Delta R.T. 0.009 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

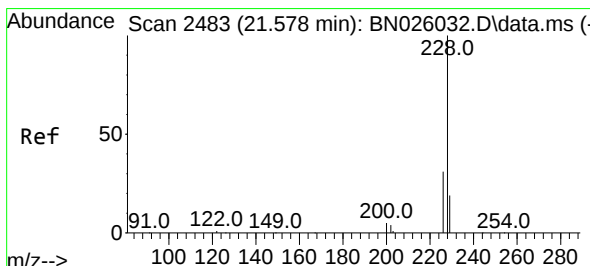
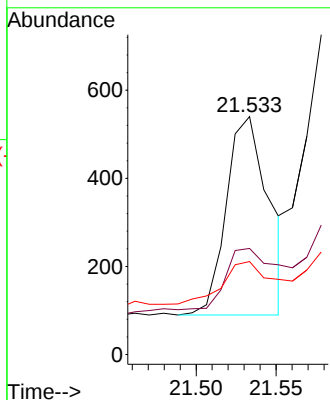
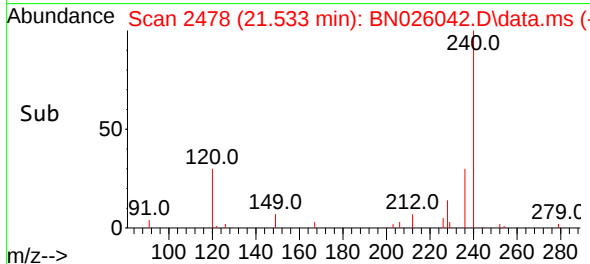
Instrument :
BNA_N
ClientSampleId :
TW-1



Tgt Ion:228 Resp: 834
Ion Ratio Lower Upper
228 100
226 44.6 23.0 34.6
229 39.1 15.9 23.9

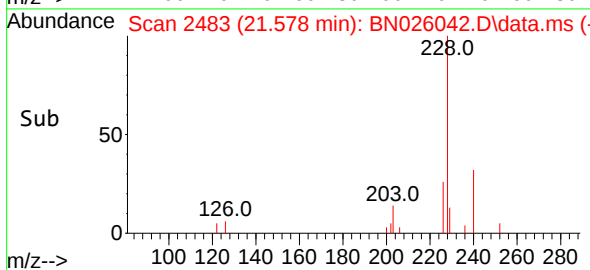
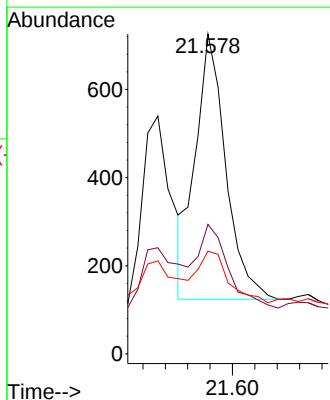
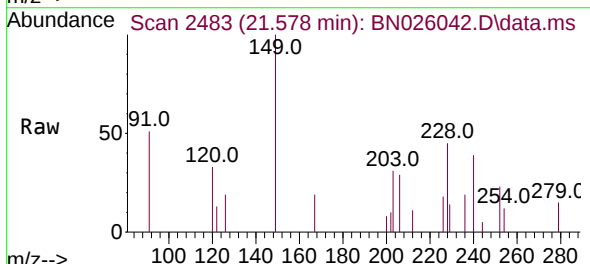
Manual Integrations
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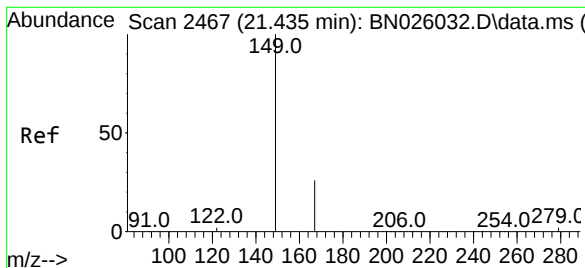
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#33
Chrysene
Concen: 0.025 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

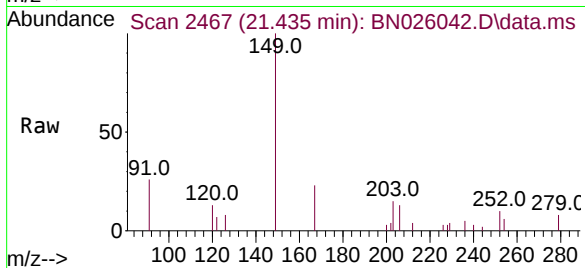
Tgt Ion:228 Resp: 1135
Ion Ratio Lower Upper
228 100
226 40.5 24.8 37.2#
229 32.1 15.6 23.4#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 21.435 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

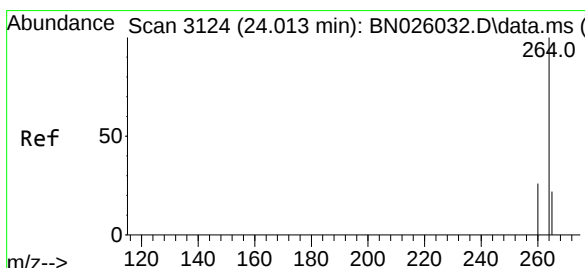
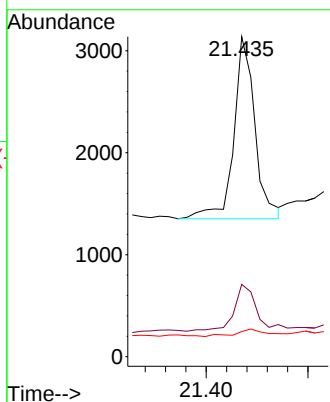
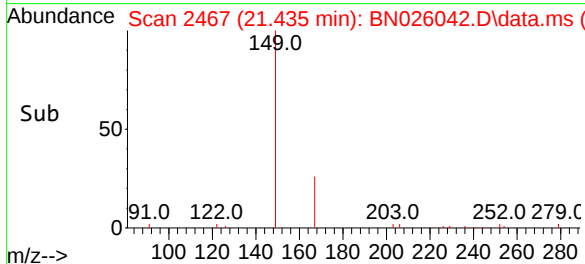
Instrument :
BNA_N
ClientSampleId :
TW-1



Tgt Ion:149 Resp: 2569
Ion Ratio Lower Upper
149 100
167 28.8 20.2 30.4
279 6.3 2.4 3.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.013 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BN026042.D
Acq: 27 Jun 2023 18:11

Tgt Ion:264 Resp: 11298
Ion Ratio Lower Upper
264 100
260 27.3 21.9 32.9
265 91.9 80.3 120.5

