

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026739.D
 Acq On : 25 Jul 2023 07:54
 Operator : MA/JU
 Sample : 03606-03
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-293-308-071223-FD

Quant Time: Jul 25 08:26:35 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	1904	0.400	ng	-0.01
7) Naphthalene-d8	10.618	136	6365	0.400	ng	#-0.01
13) Acenaphthene-d10	14.459	164	4550	0.400	ng	0.00
19) Phenanthrene-d10	17.207	188	9326	0.400	ng	#-0.01
29) Chrysene-d12	21.408	240	7033	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	7959	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.408	112	741	0.160	ng	0.00
5) Phenol-d6	7.026	99	503	0.085	ng	-0.01
8) Nitrobenzene-d5	9.016	82	1165m	0.214	ng	-0.02
11) 2-Methylnaphthalene-d10	12.215	152	3241	0.348	ng	-0.02
14) 2,4,6-Tribromophenol	15.966	330	722	0.436	ng	-0.01
15) 2-Fluorobiphenyl	13.080	172	5595	0.319	ng	-0.02
27) Fluoranthene-d10	19.244	212	8405	0.425	ng	0.00
31) Terphenyl-d14	19.839	244	7338	0.408	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.227	88	7431	3.690	ng	# 88
9) Naphthalene	10.671	128	551	0.032	ng	# 54
25) Phenanthrene	17.256	178	670	0.025	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.300	149	14228	0.630	ng	# 97

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

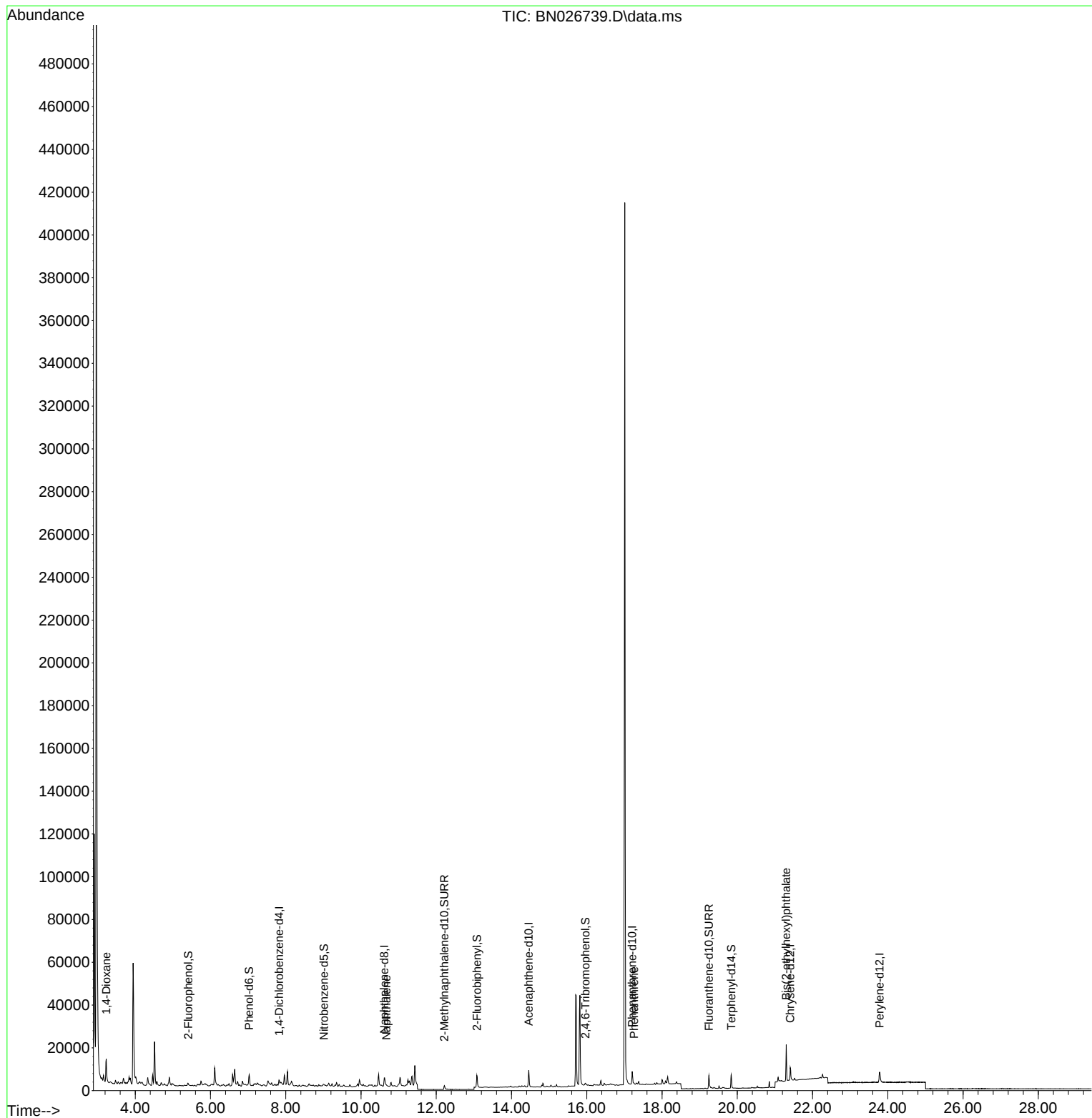
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026739.D
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ALS Vial : 75 Sample Multiplier: 1

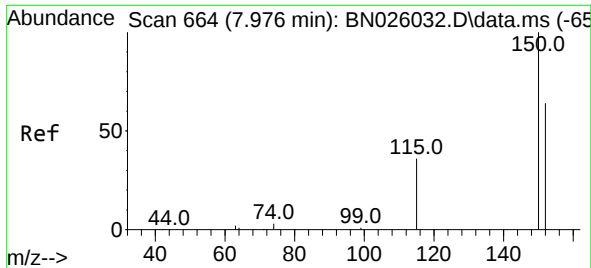
Instrument :
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GWBR-04-293-308-071223-FD

Quant Time: Jul 25 08:26:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
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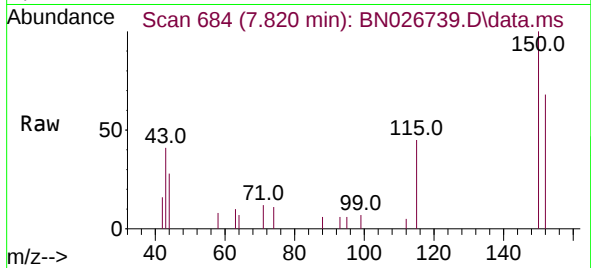
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.820 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

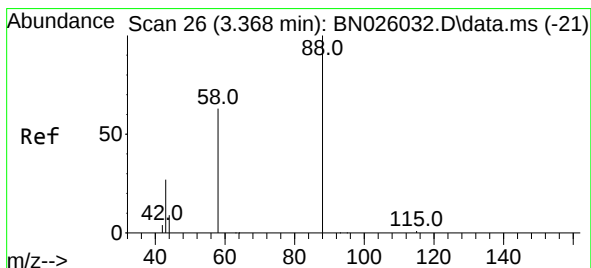
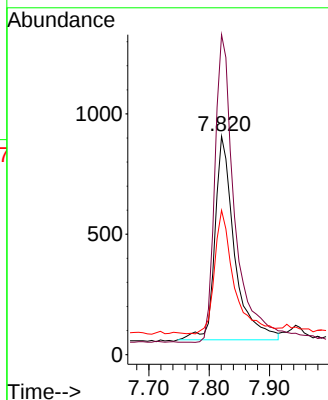
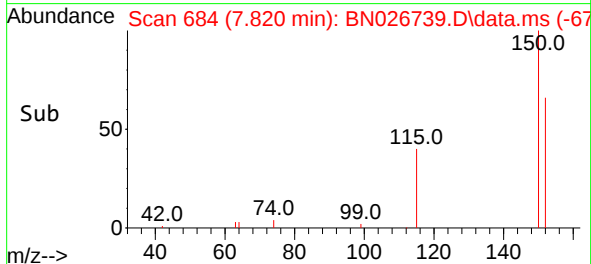
Instrument : BNA_N
ClientSampleId : GWBR-04-293-308-071223-FD



Tgt Ion:152 Resp: 1904
Ion Ratio Lower Upper
152 100
150 146.5 124.7 187.1
115 66.0 48.2 72.4

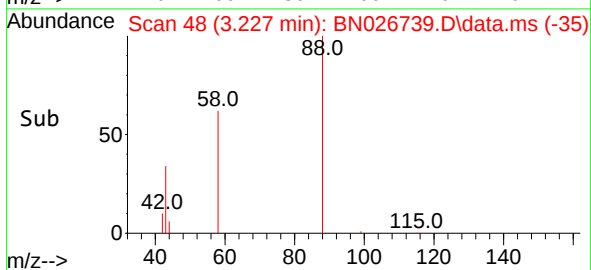
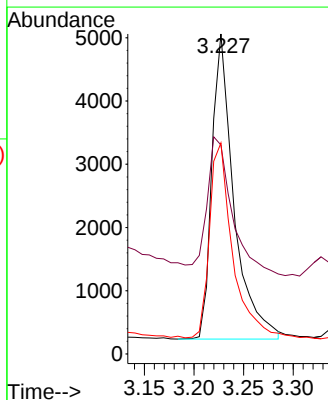
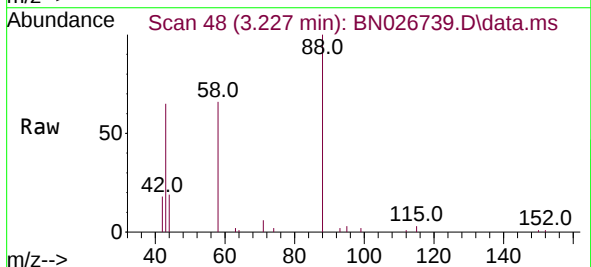
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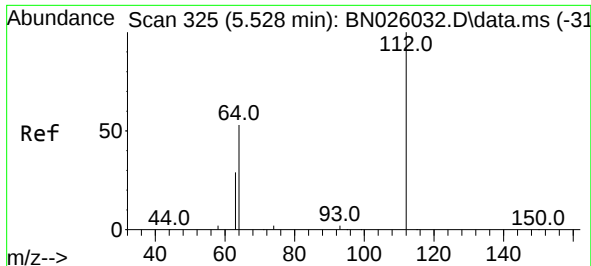
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023



#2
1,4-Dioxane
Concen: 3.690 ng
RT: 3.227 min Scan# 48
Delta R.T. -0.007 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

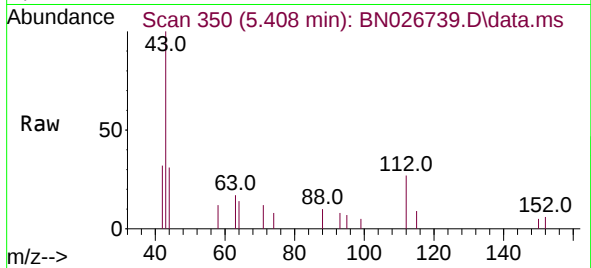
Tgt Ion: 88 Resp: 7431
Ion Ratio Lower Upper
88 100
43 50.9 24.2 36.4#
58 66.3 53.3 79.9





#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.408 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

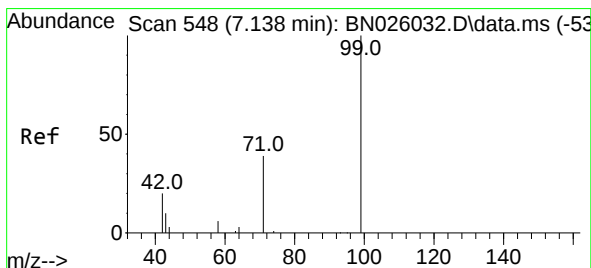
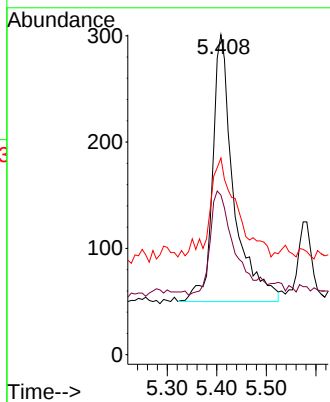
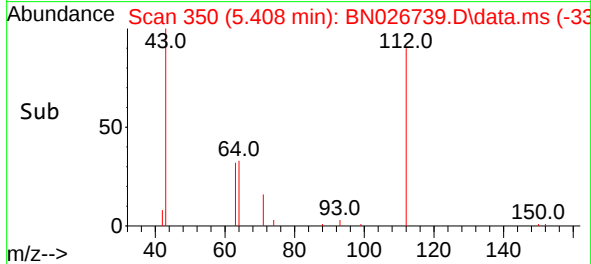
Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD



Tgt Ion: 112 Resp: 74
Ion Ratio Lower Upper
112 100
64 46.4 45.8 68.6
63 43.5 27.4 41.2

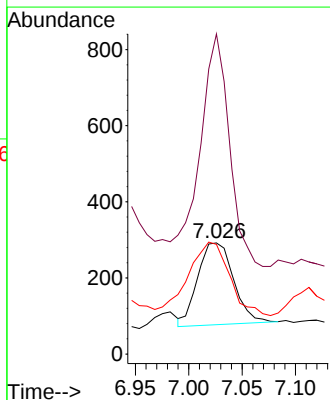
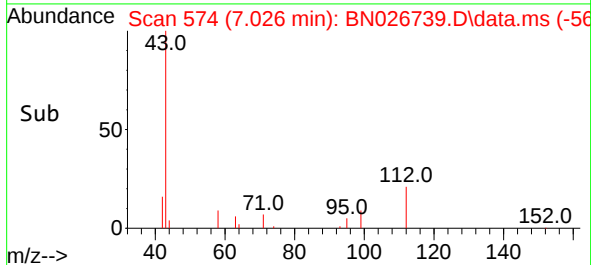
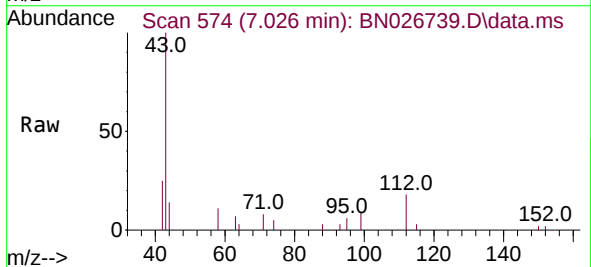
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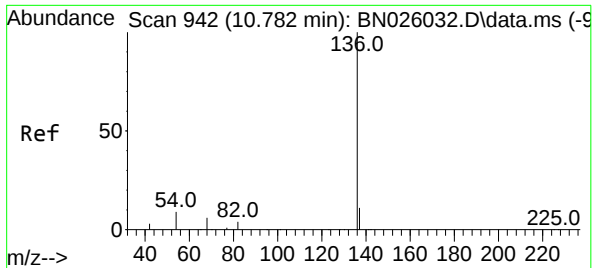
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023



#5
Phenol-d6
Concen: 0.085 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.014 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

Tgt Ion: 99 Resp: 503
Ion Ratio Lower Upper
99 100
42 235.0 18.4 27.6#
71 104.0 30.6 46.0#





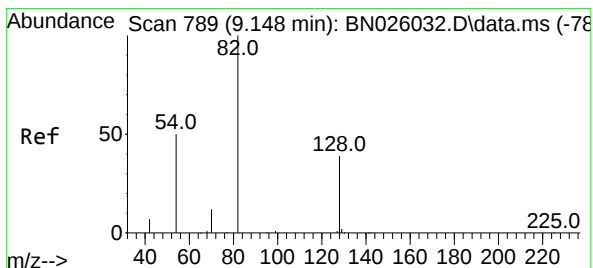
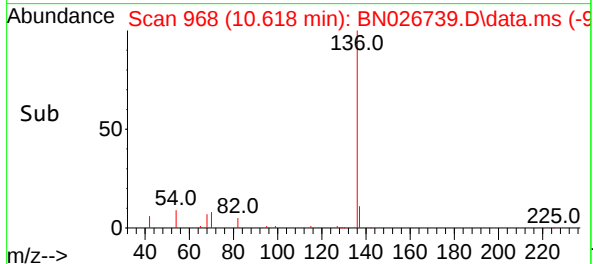
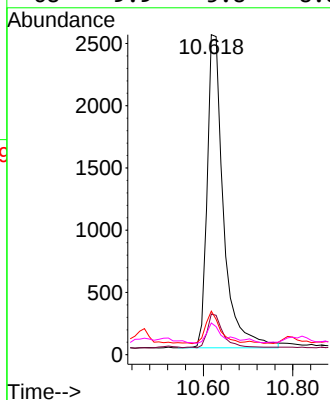
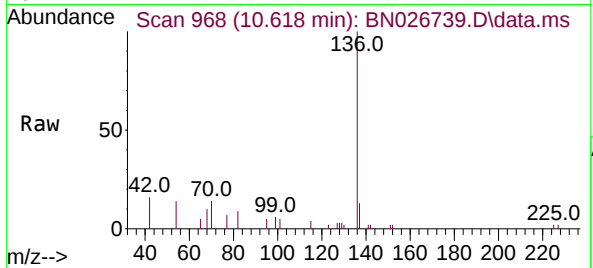
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.618 min Scan# 90
Delta R.T. -0.011 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:136 Resp: 636
Ion Ratio Lower Upper
136 100
137 12.7 9.0 13.4
54 13.6 7.8 11.6
68 9.9 5.8 8.8#

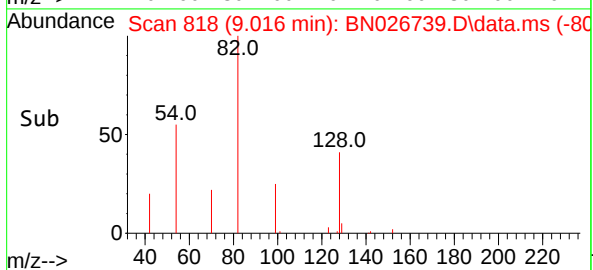
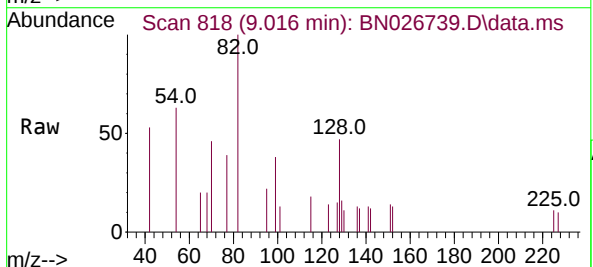
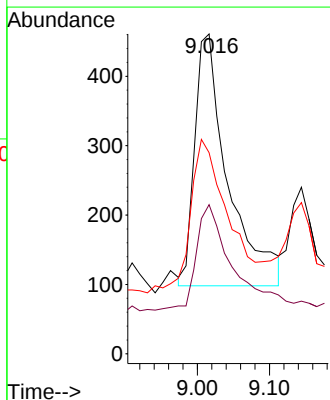
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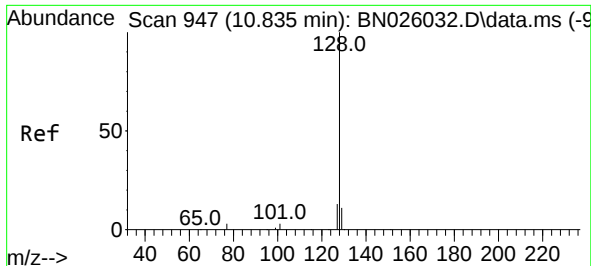
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023



#8
Nitrobenzene-d5
Concen: 0.214 ng m
RT: 9.016 min Scan# 818
Delta R.T. -0.021 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

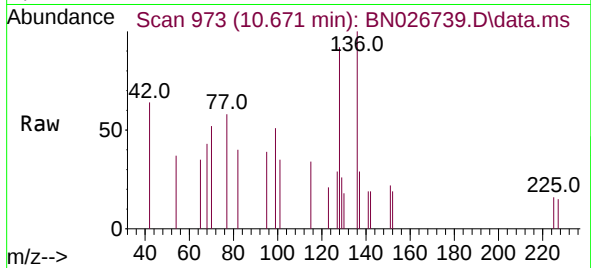
Tgt Ion: 82 Resp: 1165
Ion Ratio Lower Upper
82 100
128 46.6 33.4 50.2
54 62.9 41.7 62.5#





#9
Naphthalene
Concen: 0.032 ng
RT: 10.671 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

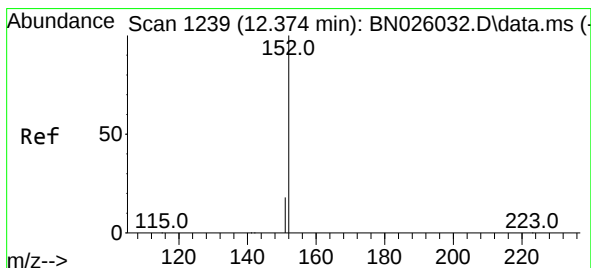
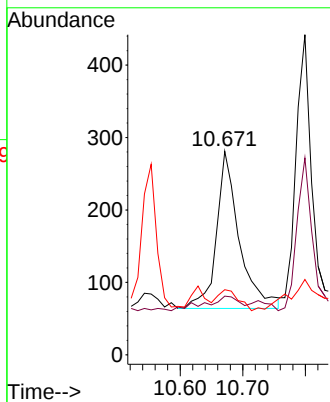
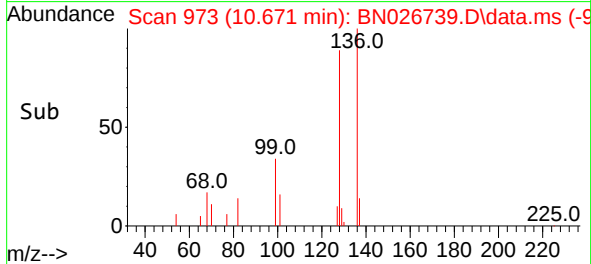
Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD



Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
129 28.8 9.1 13.7
127 32.0 10.9 16.3

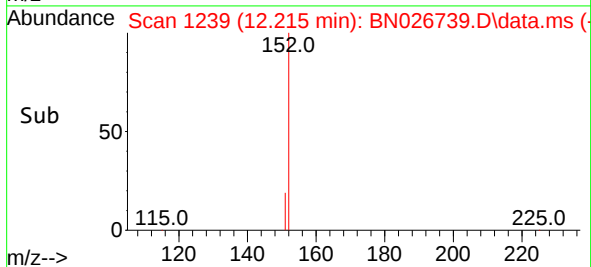
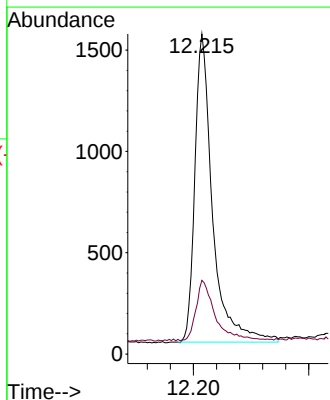
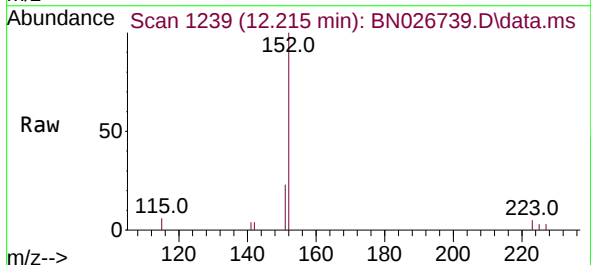
Manual Integrations
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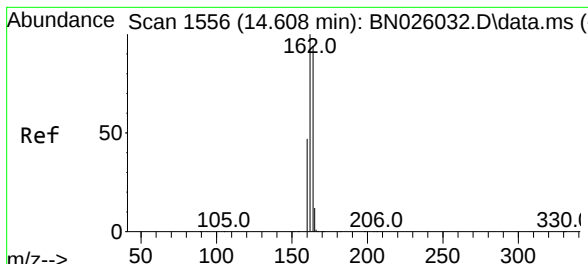
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023



#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.215 min Scan# 1239
Delta R.T. -0.015 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

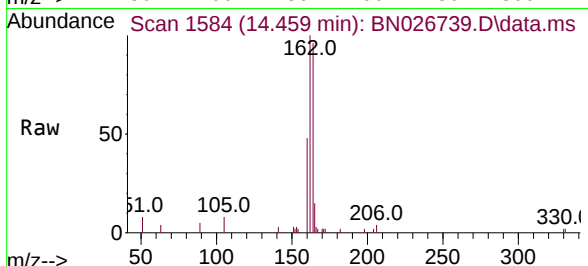
Tgt Ion:152 Resp: 3241
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2





#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.459 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN026739.D
 Acq: 25 Jul 2023 07:54

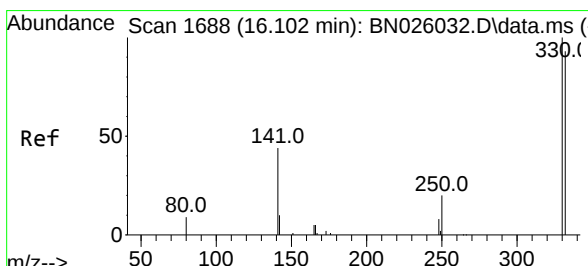
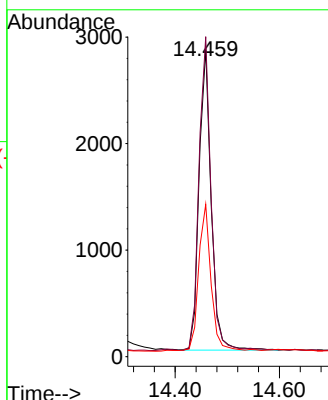
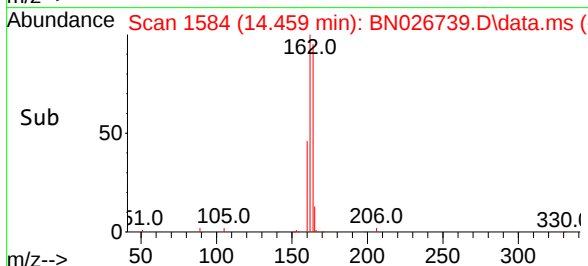
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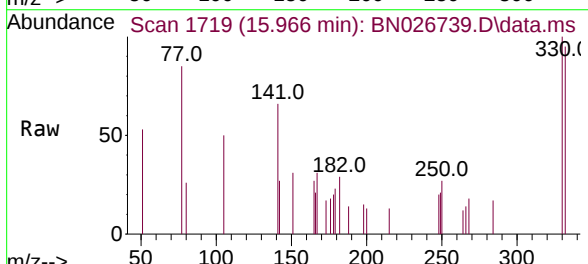
Tgt Ion:164 Resp: 4550
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.3 127.9
 160 49.6 40.0 60.0

Manual Integrations
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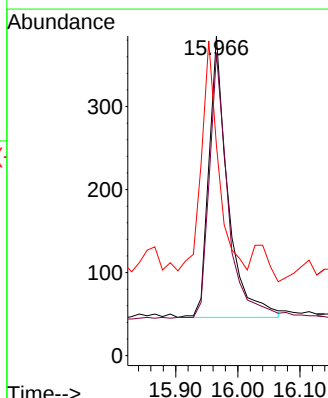
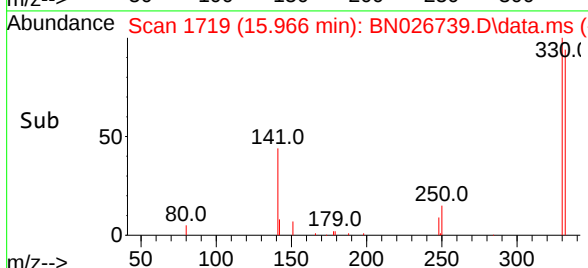
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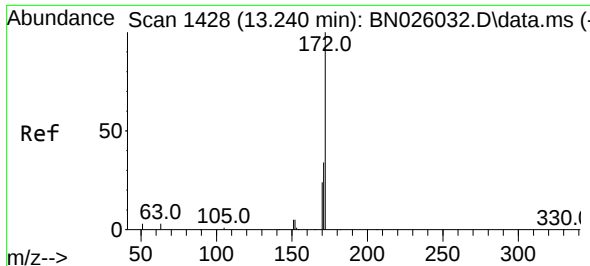


#14
 2,4,6-Tribromophenol
 Concen: 0.436 ng
 RT: 15.966 min Scan# 1719
 Delta R.T. -0.012 min
 Lab File: BN026739.D
 Acq: 25 Jul 2023 07:54



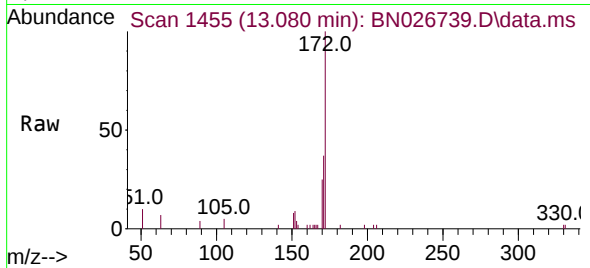
Tgt Ion:330 Resp: 722
 Ion Ratio Lower Upper
 330 100
 332 91.0 76.0 114.0
 141 74.9 42.8 64.2#





#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.080 min Scan# 1428
Delta R.T. -0.021 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

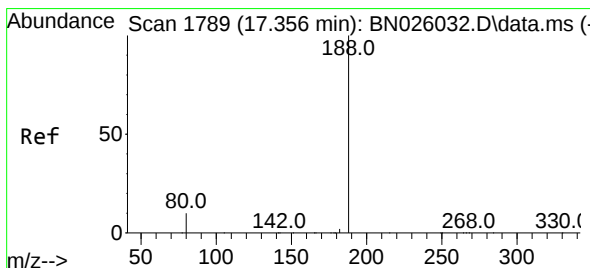
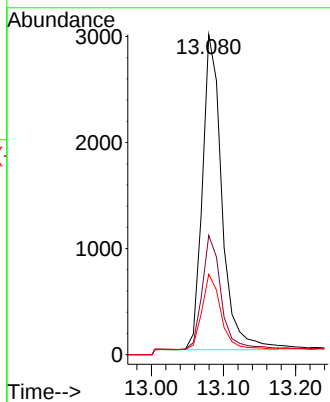
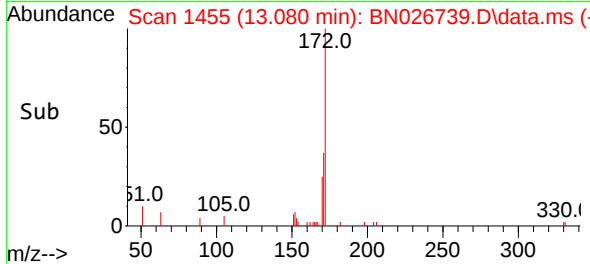
Instrument :
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Tgt Ion:172 Resp: 559
Ion Ratio Lower Upper
172 100
171 37.3 27.8 41.8
170 25.1 19.3 28.9

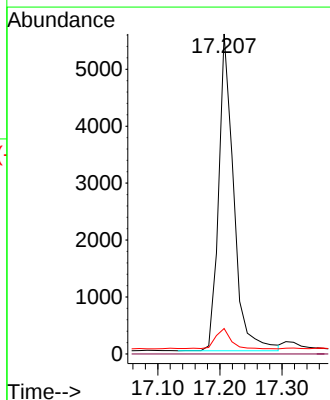
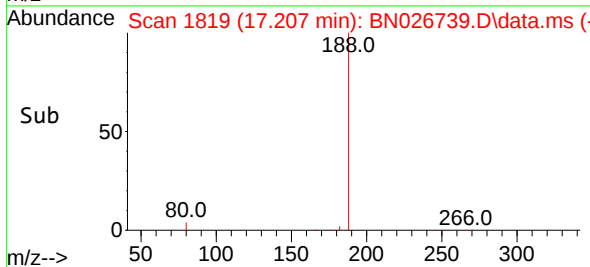
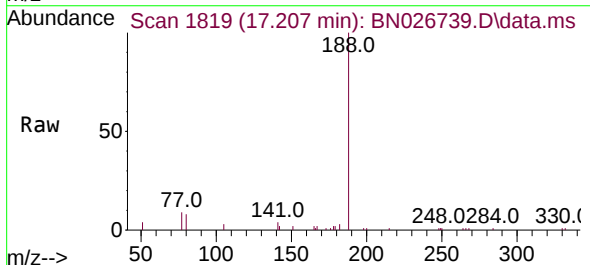
Manual Integrations
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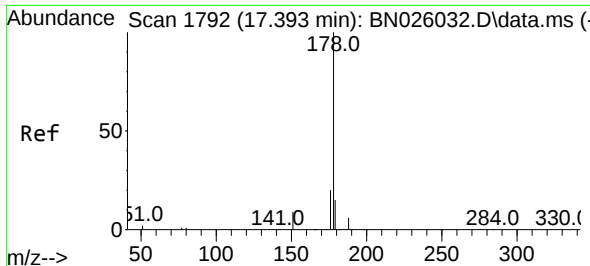
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.207 min Scan# 1819
Delta R.T. -0.012 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

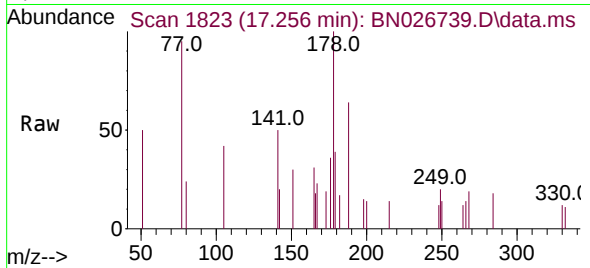
Tgt Ion:188 Resp: 9326
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 8.6 13.0#





#25
Phenanthrene
Concen: 0.025 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

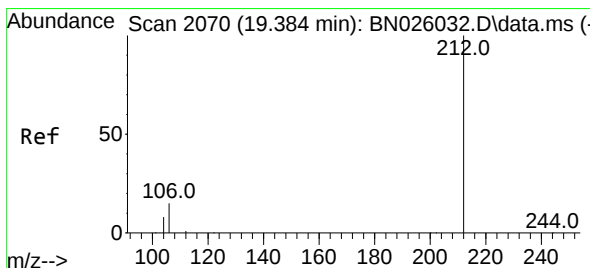
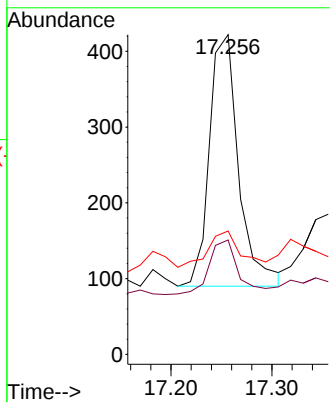
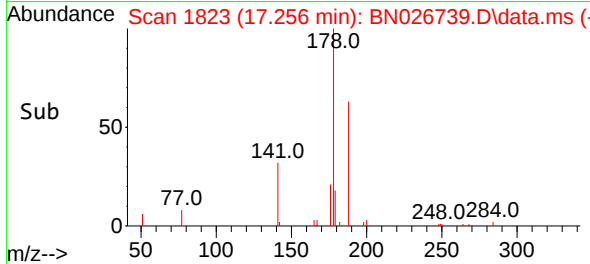
Instrument :
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Tgt Ion:178 Resp: 670
Ion Ratio Lower Upper
178 100
176 23.9 15.6 23.4#
179 15.8 12.3 18.5

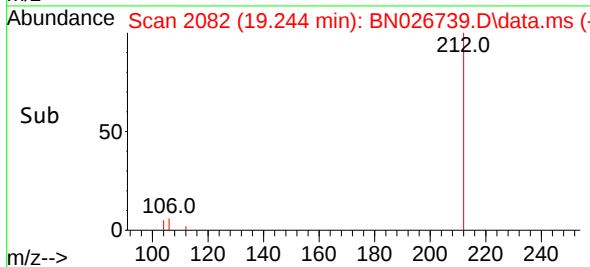
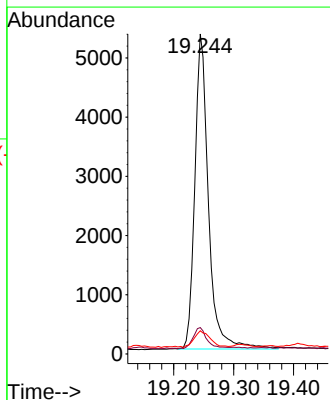
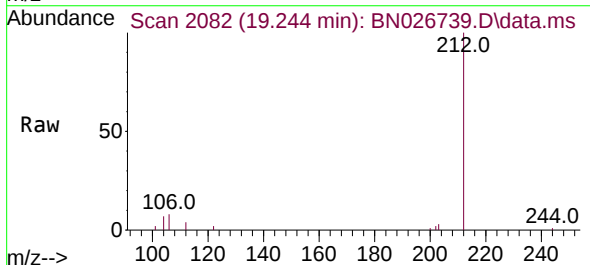
Manual Integrations
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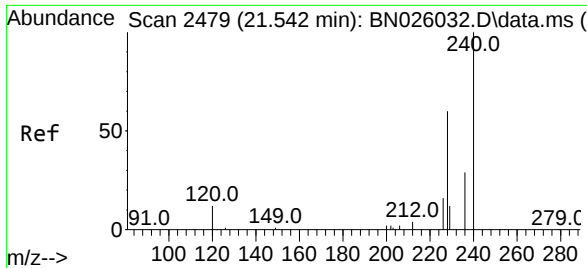
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023



#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.244 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

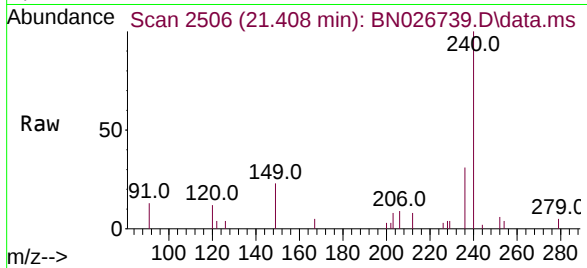
Tgt Ion:212 Resp: 8405
Ion Ratio Lower Upper
212 100
106 6.8 11.6 17.4#
104 6.1 7.2 10.8#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.408 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

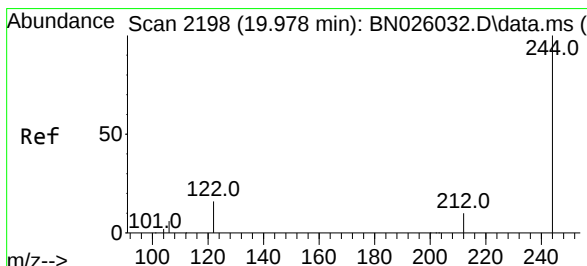
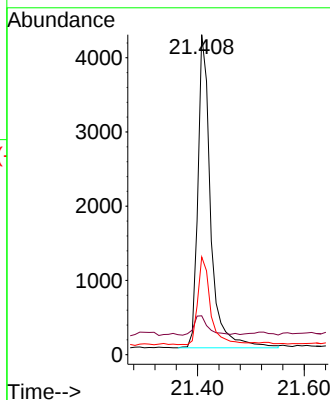
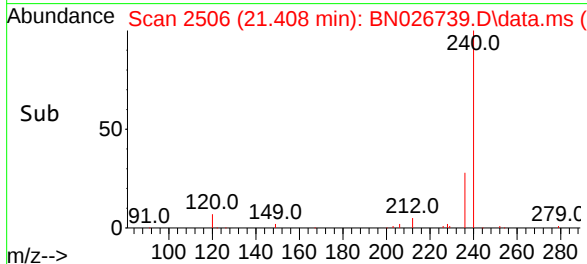
Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD



Tgt Ion:240 Resp: 7038
Ion Ratio Lower Upper
240 100
120 12.2 14.6 22.0
236 30.5 24.2 36.2

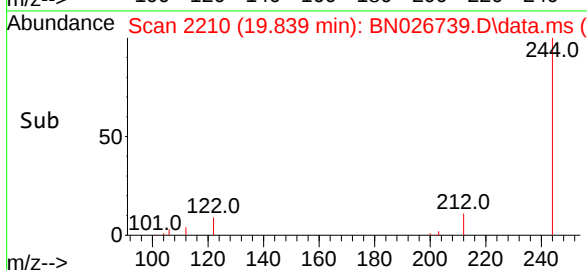
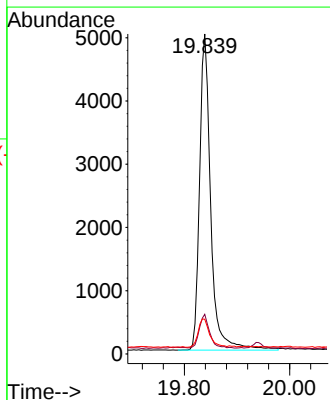
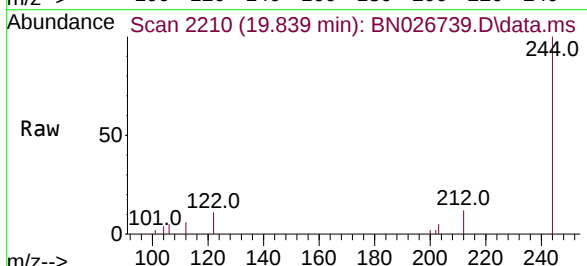
Manual Integrations
APPROVED

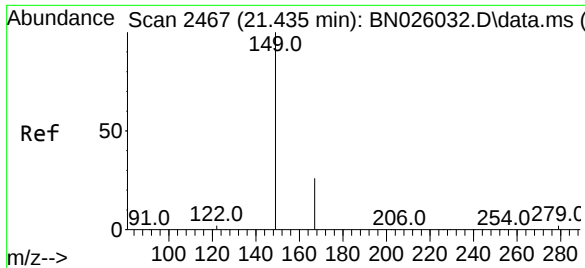
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023



#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.839 min Scan# 2210
Delta R.T. -0.009 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

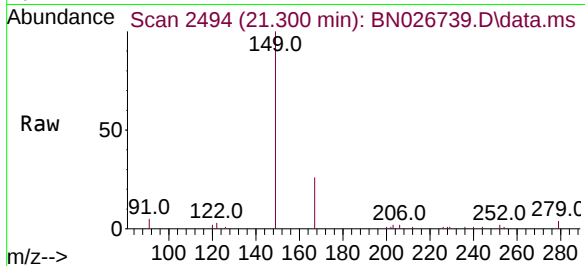
Tgt Ion:244 Resp: 7338
Ion Ratio Lower Upper
244 100
212 12.4 8.7 13.1
122 10.8 13.7 20.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.630 ng
RT: 21.300 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

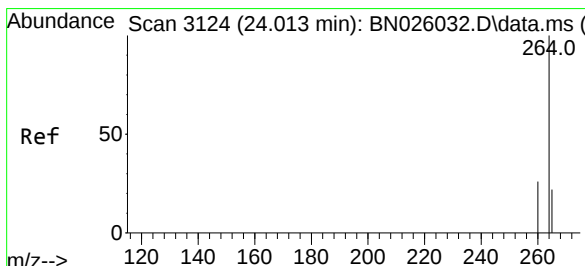
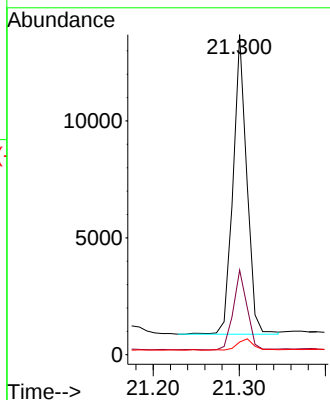
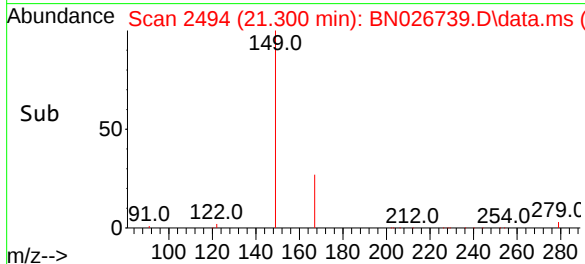
Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD



Tgt Ion:149 Resp: 14228
Ion Ratio Lower Upper
149 100
167 26.8 20.2 30.4
279 4.4 2.4 3.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/26/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BN026739.D
Acq: 25 Jul 2023 07:54

Tgt Ion:264 Resp: 7959
Ion Ratio Lower Upper
264 100
260 27.6 21.9 32.9
265 86.1 80.3 120.5

