

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022968.D
 Acq On : 30 Nov 2022 02:16
 Operator : CG/JU
 Sample : N5672-09DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20221116DL

Quant Time: Nov 30 03:22:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	7331	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	19617	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	9182	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	18256	0.400	ng	0.00
29) Chrysene-d12	21.625	240	9971	0.400	ng	# 0.00
35) Perylene-d12	24.112	264	7025	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1040	0.055	ng	0.00
5) Phenol-d6	7.204	99	816	0.034	ng	0.00
8) Nitrobenzene-d5	9.227	82	2144m	0.141	ng	0.00
11) 2-Methylnaphthalene-d10	12.461	152	4923	0.116	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	474	0.107	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	6784	0.162	ng	0.00
27) Fluoranthene-d10	19.469	212	6392	0.129	ng	0.00
31) Terphenyl-d14	20.067	244	4017	0.172	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.441	88	24562	2.640	ng	99
34) Bis(2-ethylhexyl)phtha...	21.535	149	1197	0.074	ng	# 95

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

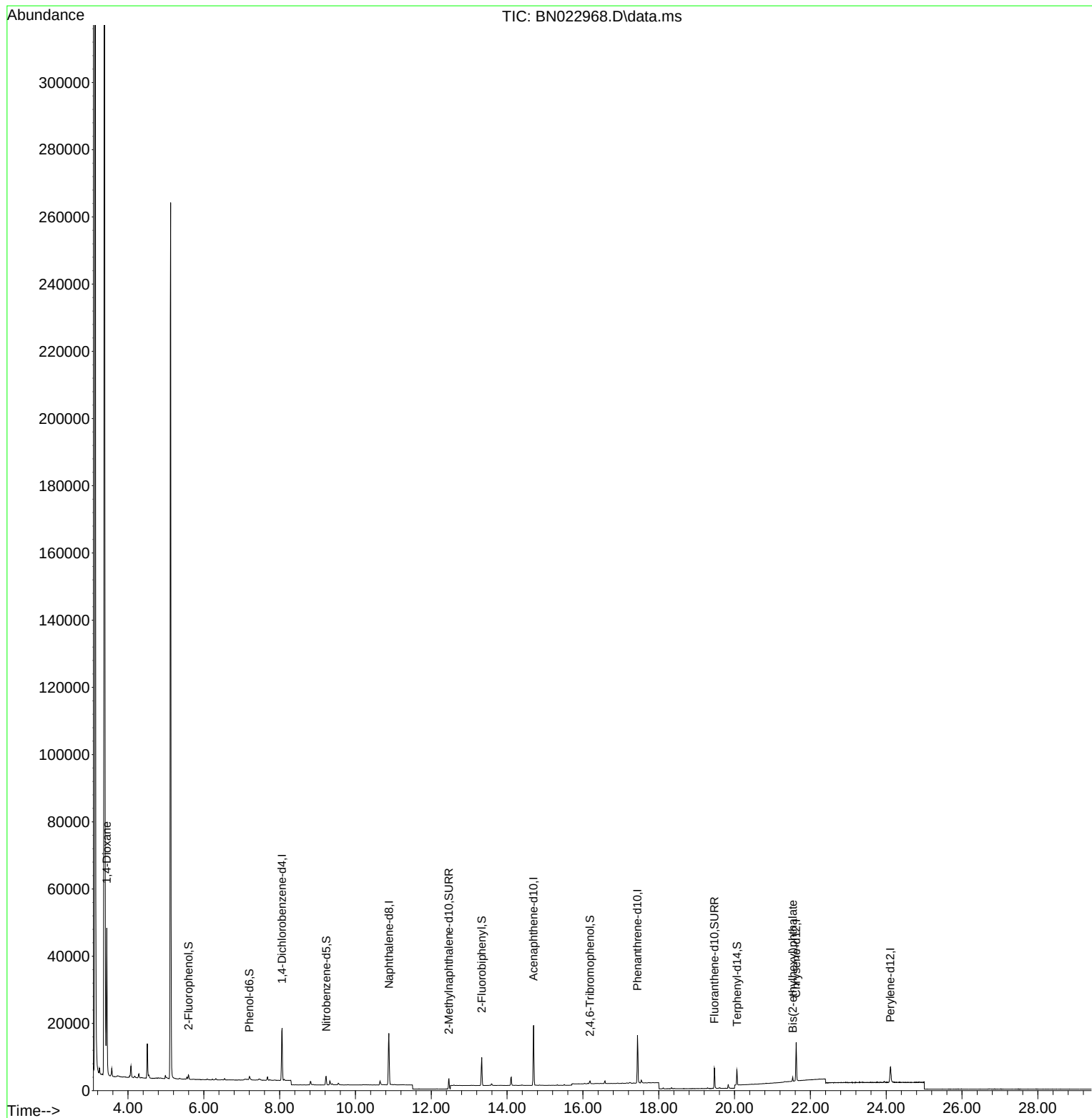
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022968.D
Acq On : 30 Nov 2022 02:16
Operator : CG/JU
Sample : N5672-09DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

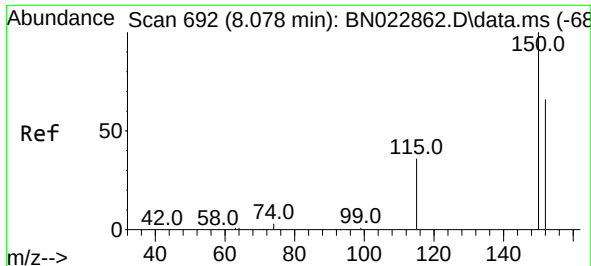
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BNA_N
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RE120D1-20221116DL

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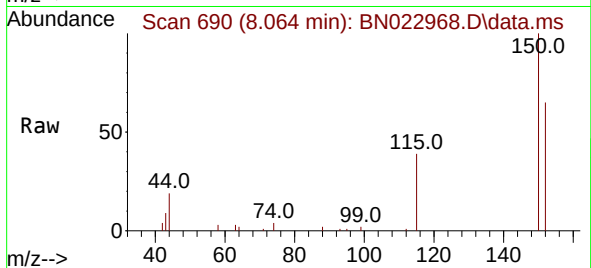
Quant Time: Nov 30 03:22:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: BN022968.D
 Acq: 30 Nov 2022 02:16

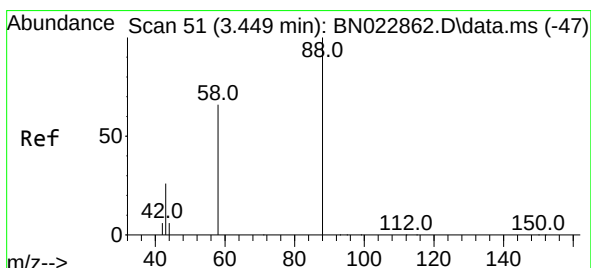
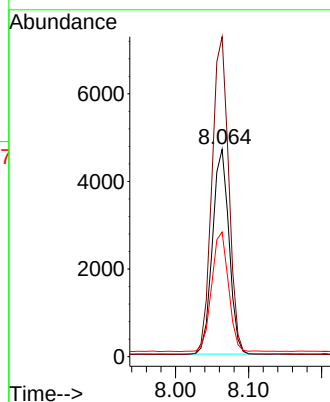
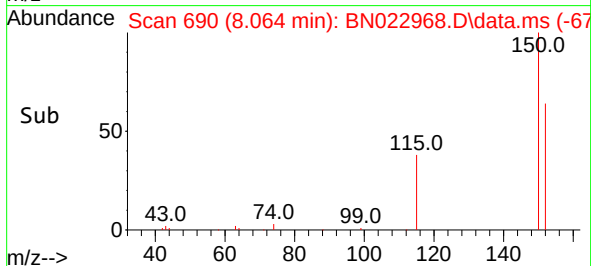
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20221116DL



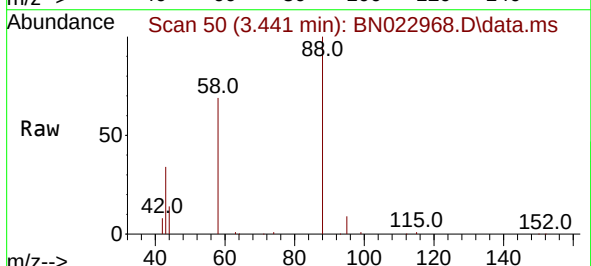
Tgt Ion: 152 Resp: 733
 Ion Ratio Lower Upper
 152 100
 150 154.3 121.2 181.8
 115 60.1 46.2 69.4

Manual Integrations
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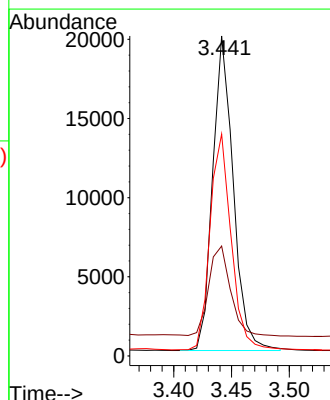
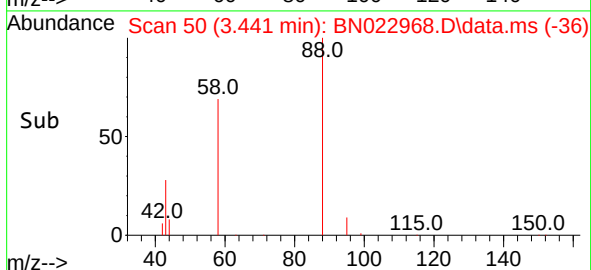
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 Supervised By : mohammad ahmed 12/01/2022

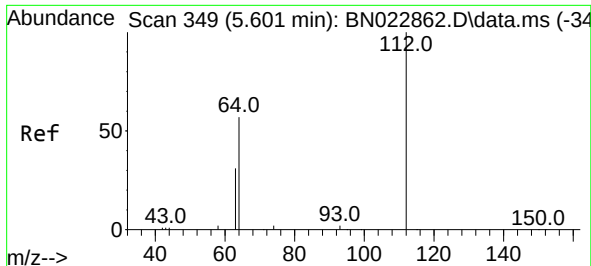


#2
 1,4-Dioxane
 Concen: 2.640 ng
 RT: 3.441 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022968.D
 Acq: 30 Nov 2022 02:16



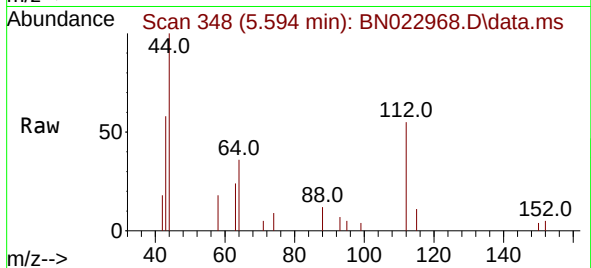
Tgt Ion: 88 Resp: 24562
 Ion Ratio Lower Upper
 88 100
 43 30.1 25.4 38.2
 58 70.3 56.5 84.7





#4
2-Fluorophenol
Concen: 0.055 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.007 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

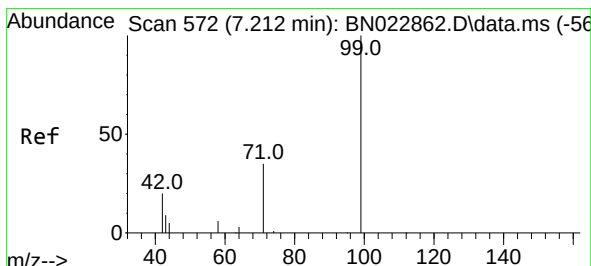
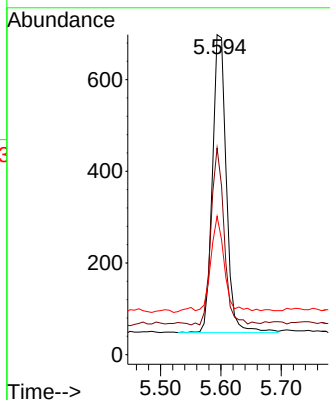
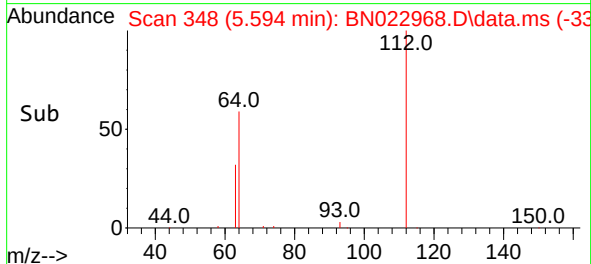
Instrument :
BNA_N
ClientSampleId :
RE120D1-20221116DL



Tgt Ion: 112 Resp: 1040
Ion Ratio Lower Upper
112 100
64 56.1 43.4 65.2
63 30.3 23.4 35.2

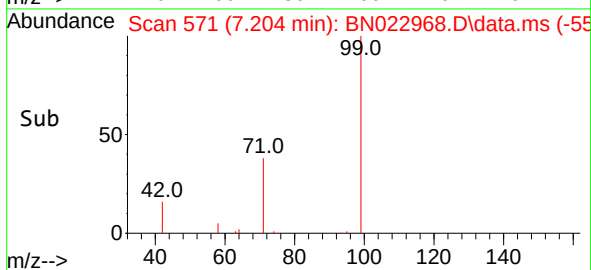
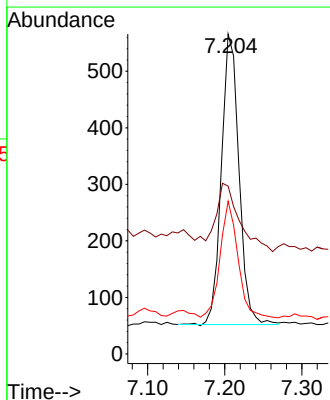
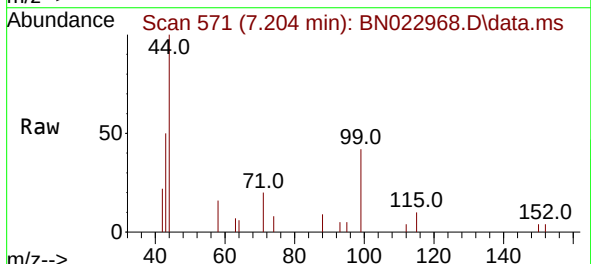
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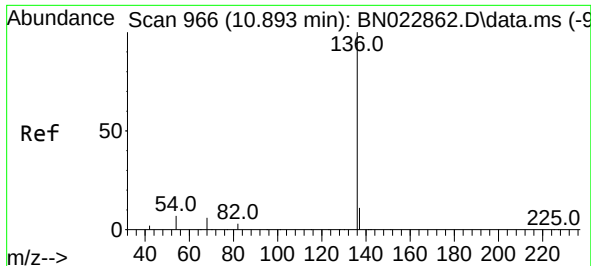
Reviewed By :Christian Giraldo 11/30/2022
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#5
Phenol-d6
Concen: 0.034 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

Tgt Ion: 99 Resp: 816
Ion Ratio Lower Upper
99 100
42 31.0 16.0 24.0#
71 41.3 26.8 40.2#





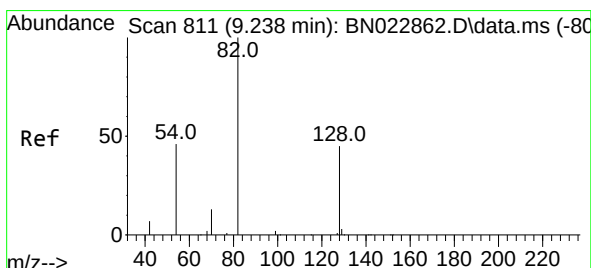
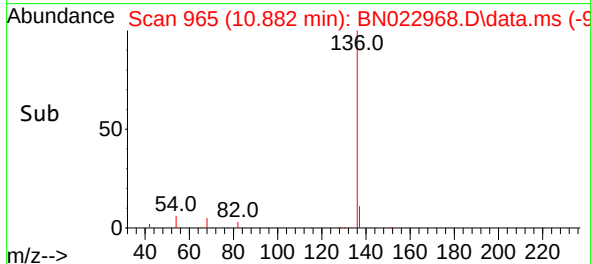
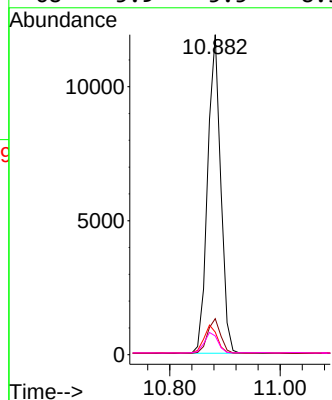
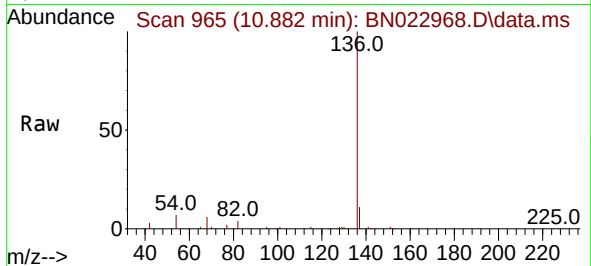
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

Instrument :
BNA_N
ClientSampleId :
RE120D1-20221116DL

Tgt Ion:	136	Resp:	1961
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.1	6.6	9.8
68	5.9	5.5	8.3

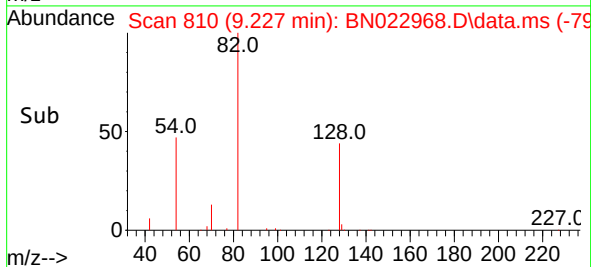
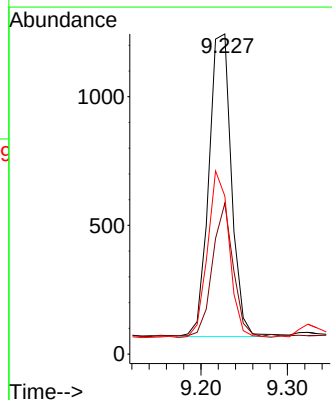
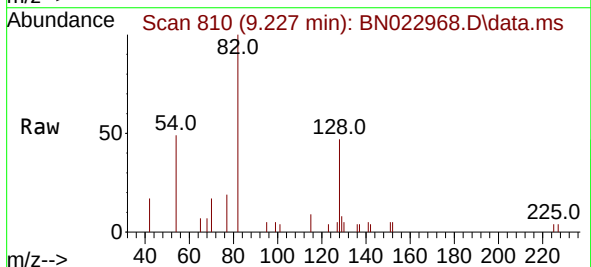
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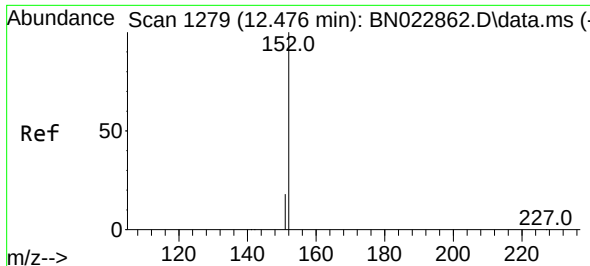
Reviewed By :Christian Giraldo 11/30/2022
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#8
Nitrobenzene-d5
Concen: 0.141 ng m
RT: 9.227 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

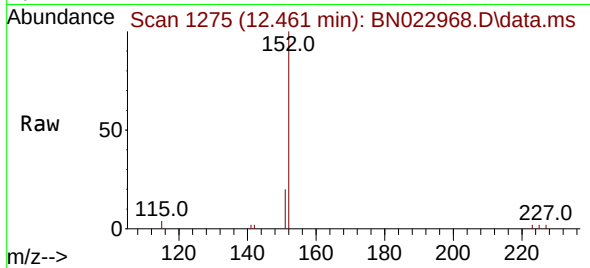
Tgt Ion:	82	Resp:	2144
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.6	54.8
54	49.4	38.5	57.7





#11
2-Methylnaphthalene-d10
Concen: 0.116 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

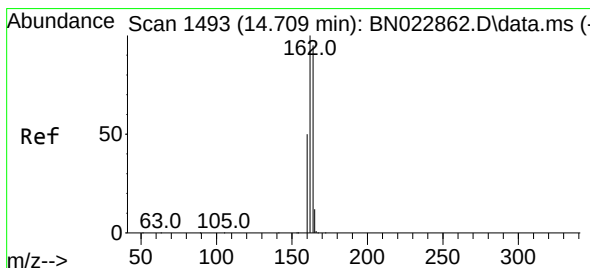
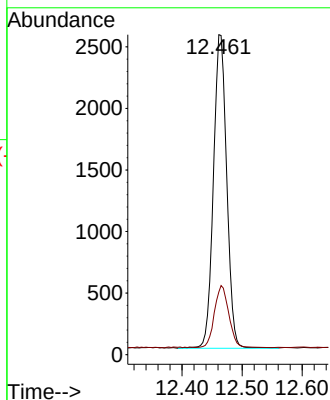
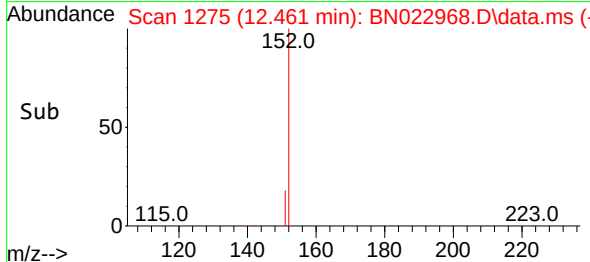
Instrument :
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RE120D1-20221116DL



Tgt Ion:152 Resp: 492
Ion Ratio Lower Upper
152 100
151 21.8 18.6 27.8

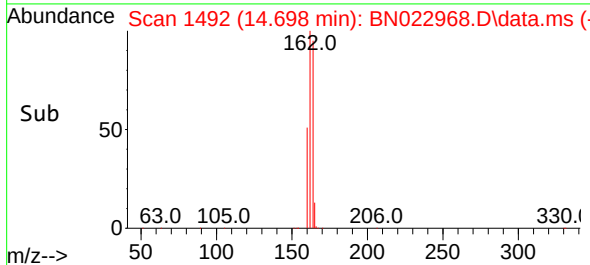
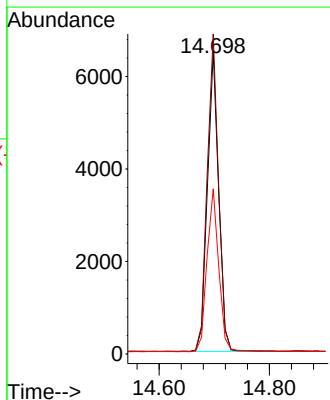
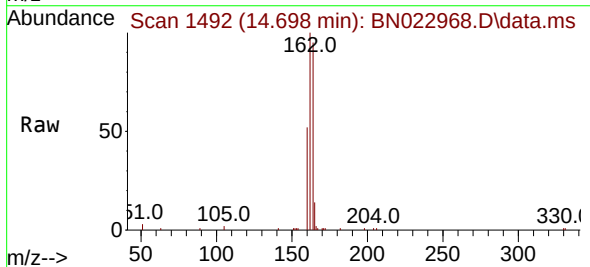
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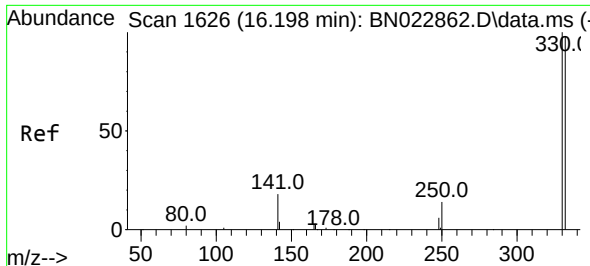
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

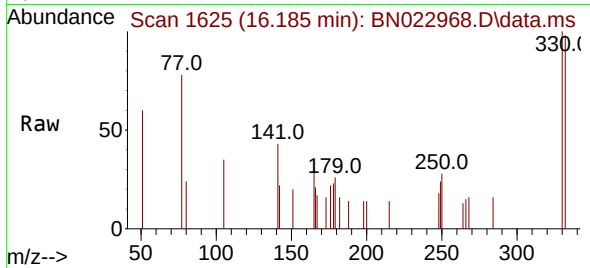
Tgt Ion:164 Resp: 9182
Ion Ratio Lower Upper
164 100
162 105.6 84.2 126.4
160 54.5 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 16.185 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

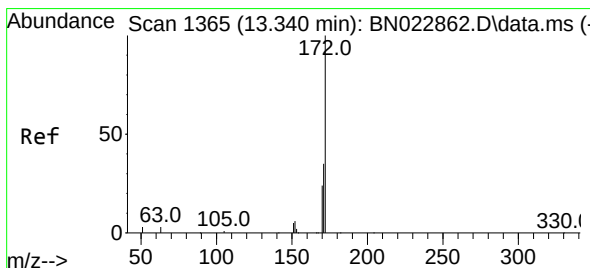
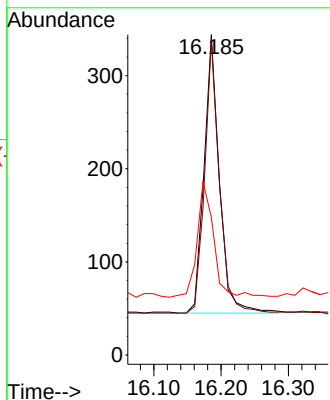
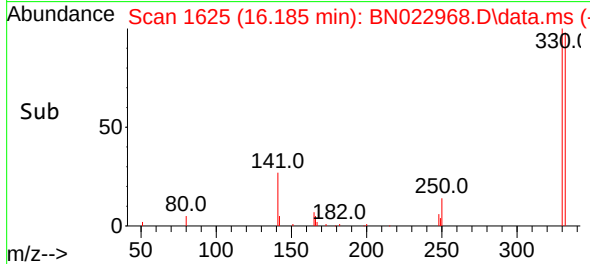
Instrument :
BNA_N
ClientSampleId :
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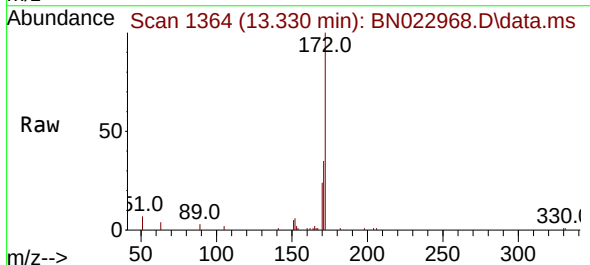
Tgt Ion:330 Resp: 474
Ion Ratio Lower Upper
330 100
332 94.1 76.5 114.7
141 44.5 32.6 48.8

Manual Integrations
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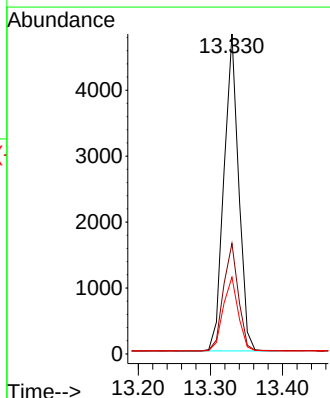
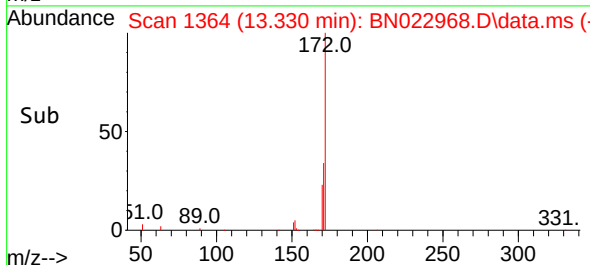
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

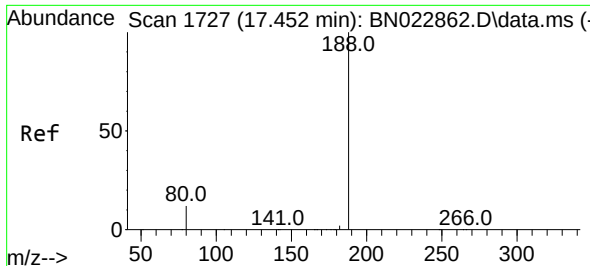


#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16



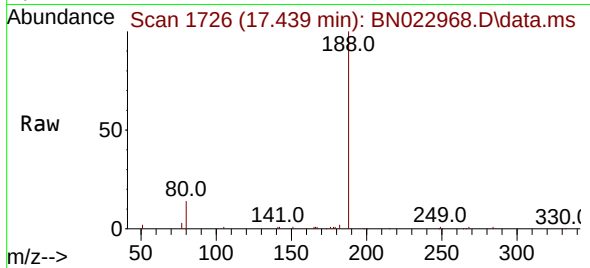
Tgt Ion:172 Resp: 6784
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.4
170 24.0 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

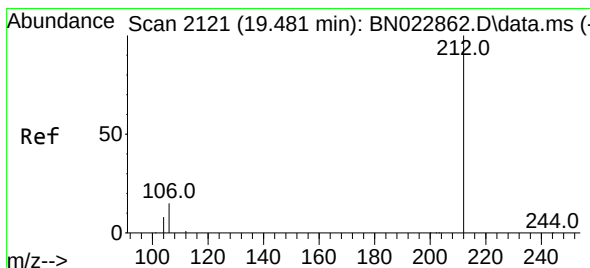
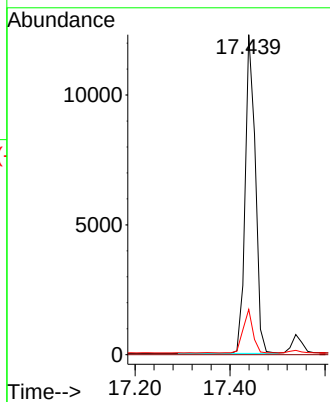
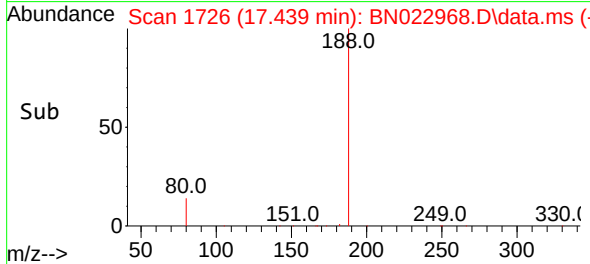
Instrument :
BNA_N
ClientSampleId :
RE120D1-20221116DL



Tgt Ion:188 Resp: 18250
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 10.3 15.5

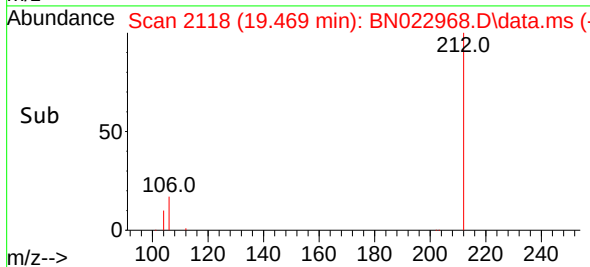
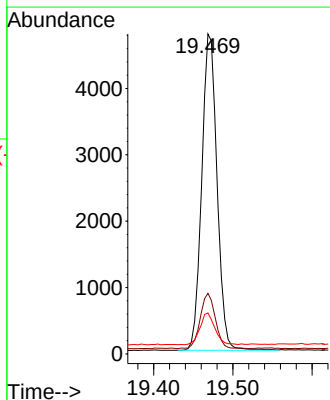
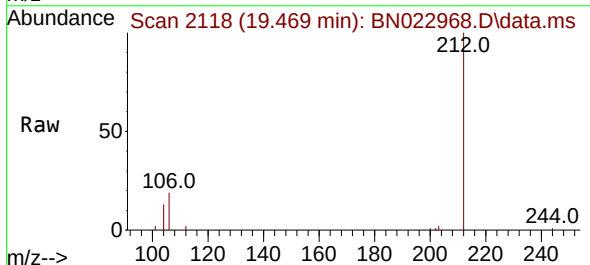
Manual Integrations
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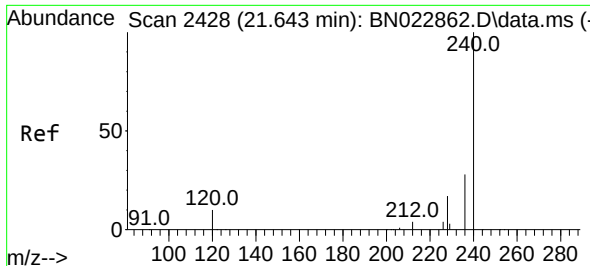
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#27
Fluoranthene-d10
Concen: 0.129 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

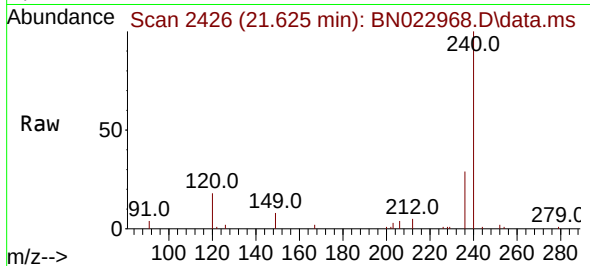
Tgt Ion:212 Resp: 6392
Ion Ratio Lower Upper
212 100
106 17.3 12.3 18.5
104 9.7 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

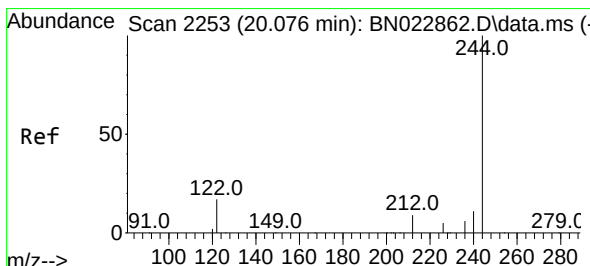
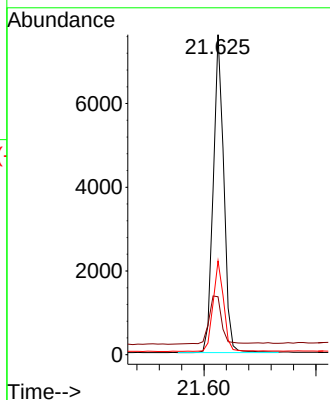
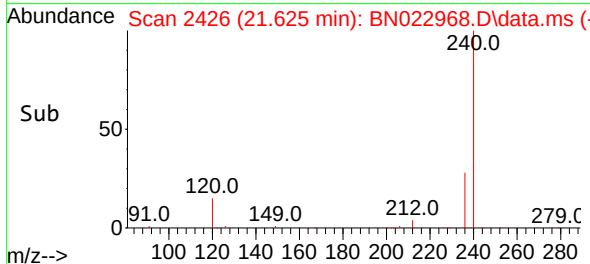
Instrument :
BNA_N
ClientSampleId :
RE120D1-20221116DL



Tgt Ion:240 Resp: 997
Ion Ratio Lower Upper
240 100
120 18.1 9.2 13.8
236 29.3 22.6 34.0

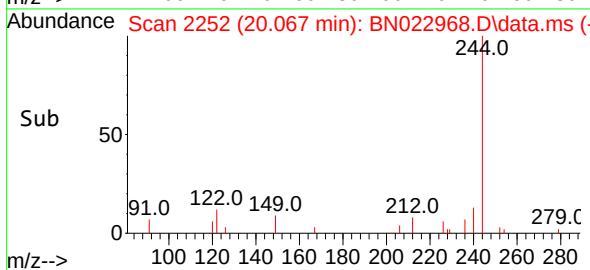
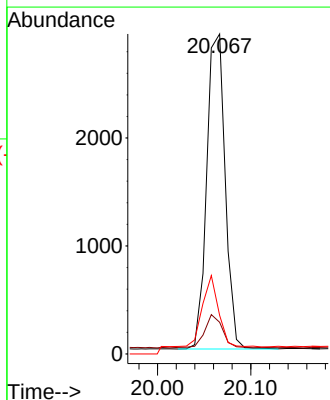
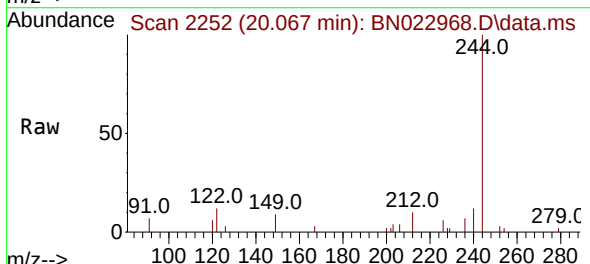
Manual Integrations
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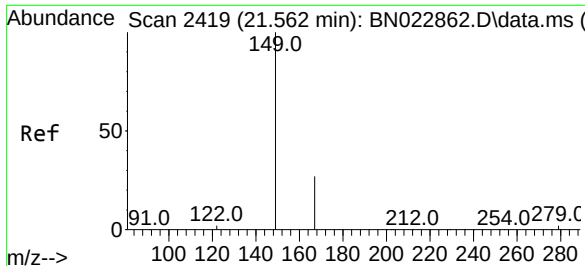
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#31
Terphenyl-d14
Concen: 0.172 ng
RT: 20.067 min Scan# 2252
Delta R.T. 0.005 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

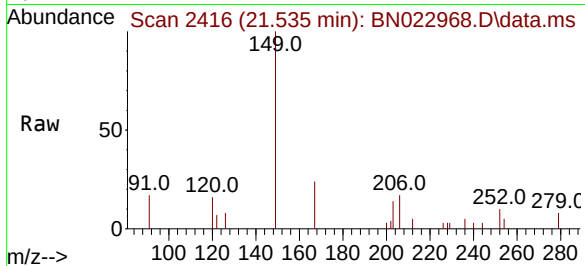
Tgt Ion:244 Resp: 4017
Ion Ratio Lower Upper
244 100
212 9.9 7.9 11.9
122 12.0 13.9 20.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.535 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

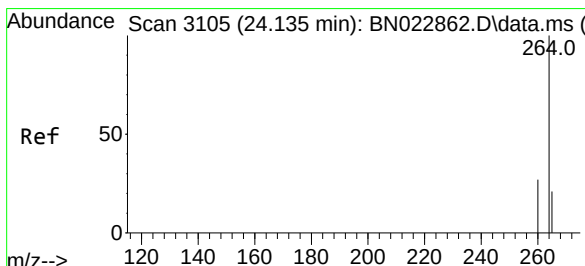
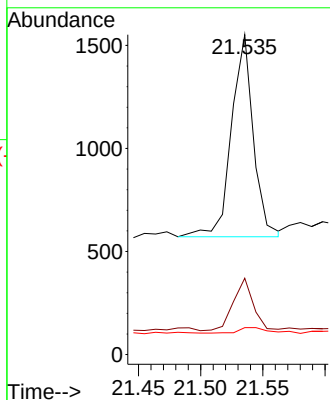
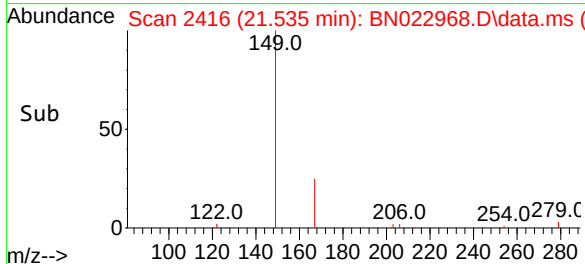
Instrument :
BNA_N
ClientSampleId :
RE120D1-20221116DL



Tgt Ion:149 Resp: 1197
Ion Ratio Lower Upper
149 100
167 23.7 21.3 31.9
279 4.3 2.3 3.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.112 min Scan# 3097
Delta R.T. -0.001 min
Lab File: BN022968.D
Acq: 30 Nov 2022 02:16

Tgt Ion:264 Resp: 7025
Ion Ratio Lower Upper
264 100
260 28.4 21.7 32.5
265 67.7 31.0 46.4

