

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022949.D
 Acq On : 29 Nov 2022 12:46
 Operator : CG/JU
 Sample : N5671-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20221115

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 00:22:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 05:14:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	7417	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	20482	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	10246	0.400	ng	0.00
19) Phenanthrene-d10	17.452	188	20348	0.400	ng	# 0.00
29) Chrysene-d12	21.629	240	10956	0.400	ng	# 0.00
35) Perylene-d12	24.119	264	7493	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1287	0.067	ng	0.00
5) Phenol-d6	7.212	99	1167	0.048	ng	0.00
8) Nitrobenzene-d5	9.228	82	4137m	0.260	ng	0.00
11) 2-Methylnaphthalene-d10	12.465	152	10592	0.238	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	710	0.144	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	14873	0.317	ng	0.00
27) Fluoranthene-d10	19.473	212	14684	0.266	ng	0.00
31) Terphenyl-d14	20.062	244	10578	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	5140	0.546	ng	99
34) Bis(2-ethylhexyl)phtha...	21.540	149	498	0.028	ng	# 94

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

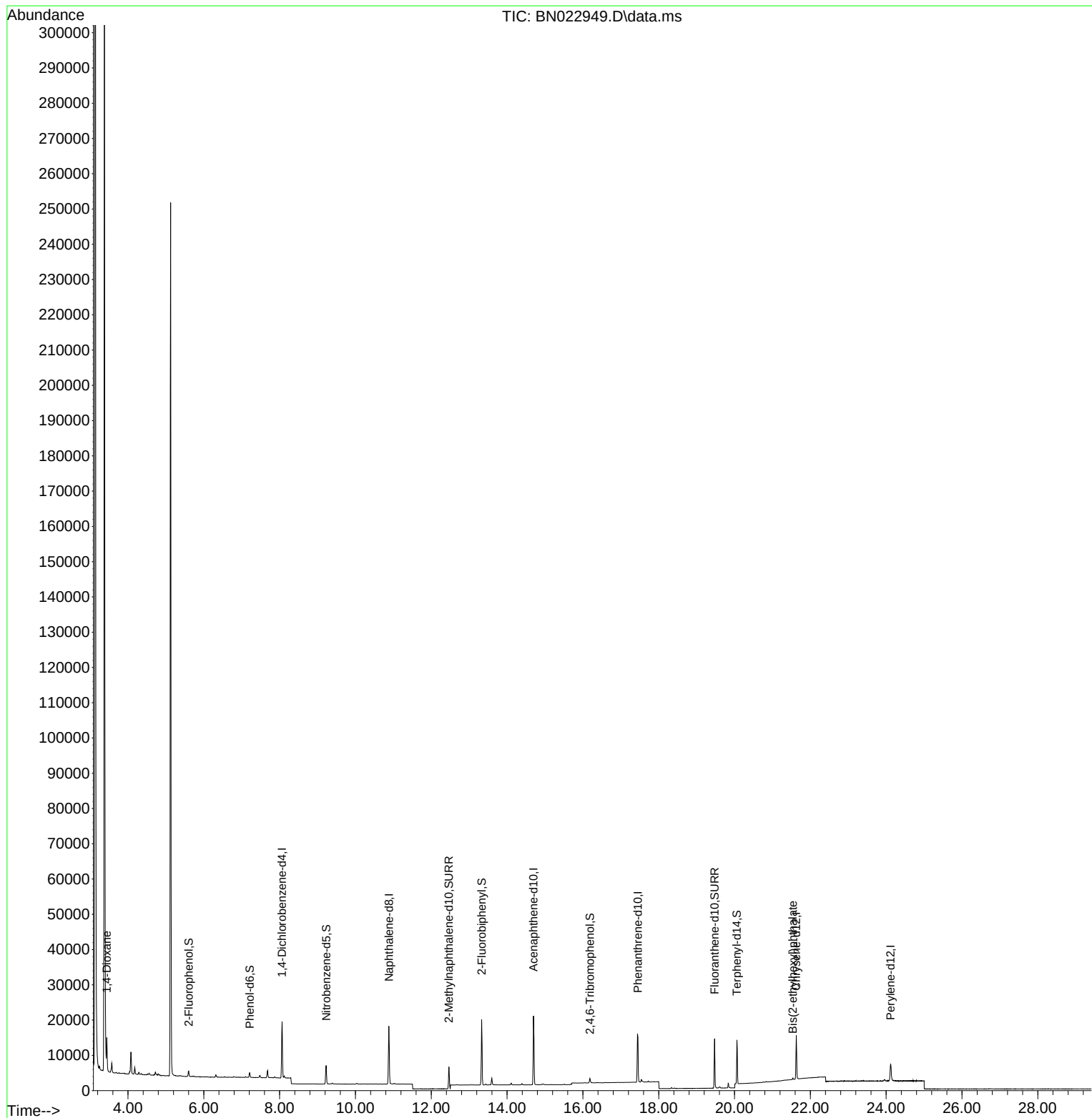
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022949.D
Acq On : 29 Nov 2022 12:46
Operator : CG/JU
Sample : N5671-02
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ALS Vial : 7 Sample Multiplier: 1

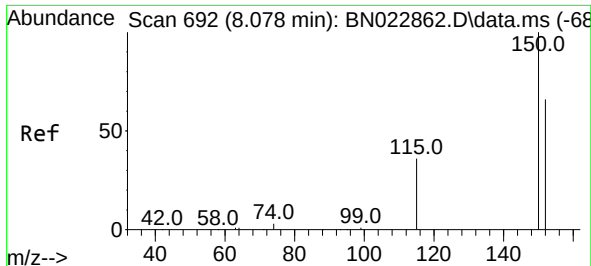
Instrument :
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MW179D2-20221115

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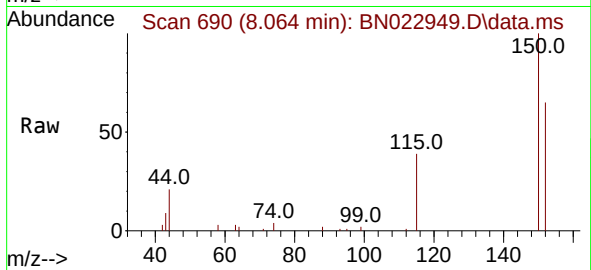
Quant Time: Nov 30 00:22:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: BN022949.D
 Acq: 29 Nov 2022 12:46

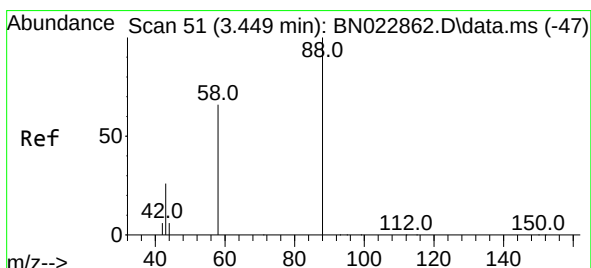
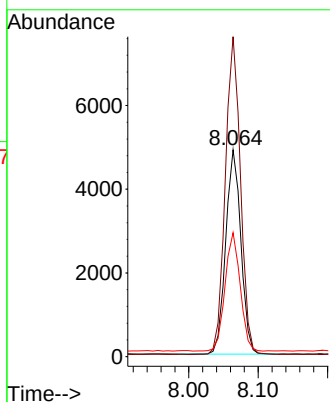
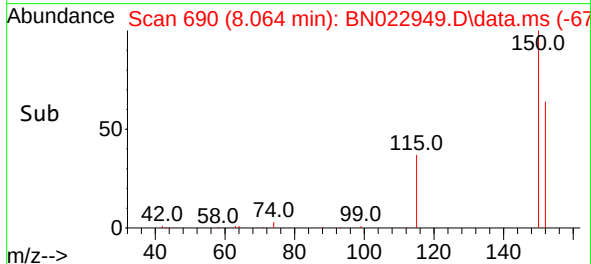
Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20221115



Tgt Ion: 152 Resp: 741
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.2 181.8
 115 59.9 46.2 69.4

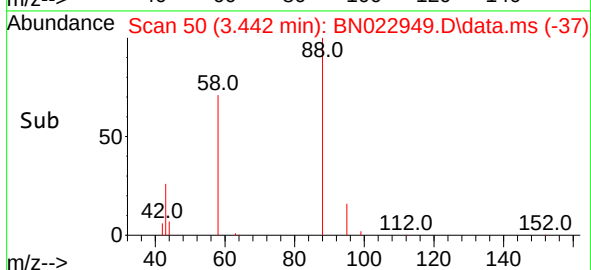
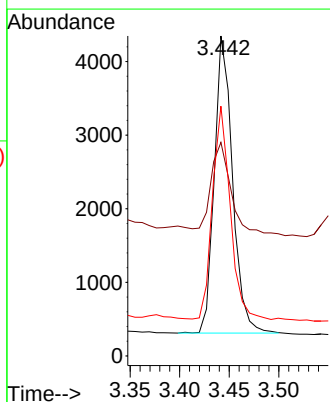
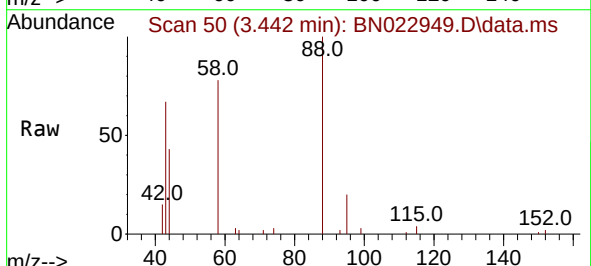
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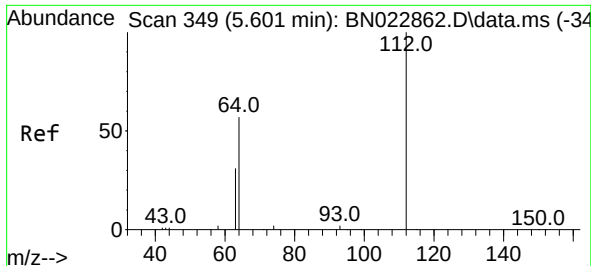
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 Supervised By : mohammad ahmed 12/01/2022



#2
 1,4-Dioxane
 Concen: 0.546 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.007 min
 Lab File: BN022949.D
 Acq: 29 Nov 2022 12:46

Tgt Ion: 88 Resp: 5140
 Ion Ratio Lower Upper
 88 100
 43 33.3 25.4 38.2
 58 70.1 56.5 84.7





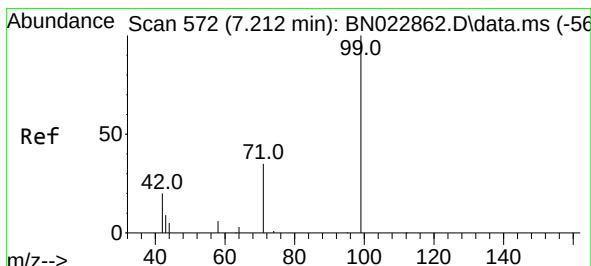
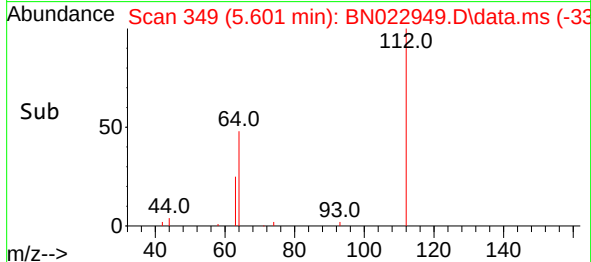
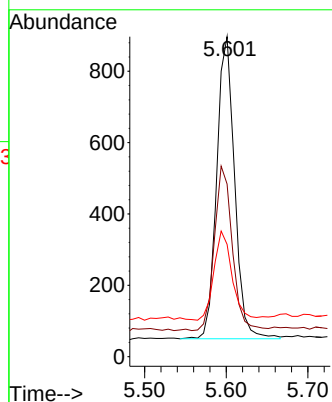
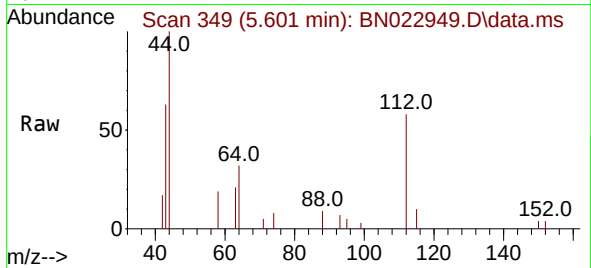
#4
2-Fluorophenol
Concen: 0.067 ng
RT: 5.601 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

Instrument :
BNA_N
ClientSampleId :
MW179D2-20221115

Tgt Ion:112 Resp: 128
Ion Ratio Lower Upper
112 100
64 54.8 43.4 65.2
63 29.9 23.4 35.2

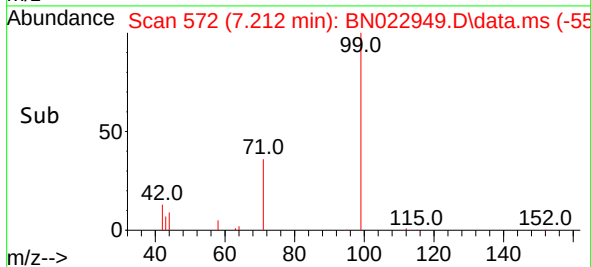
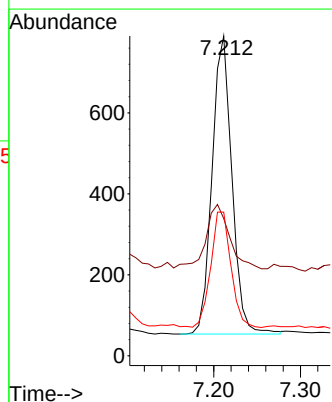
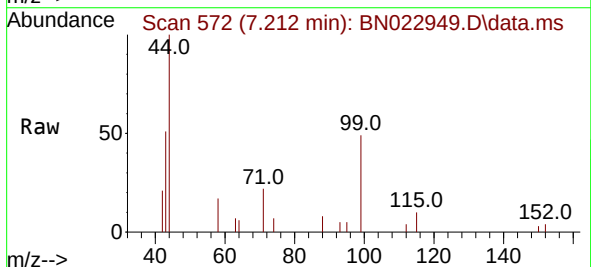
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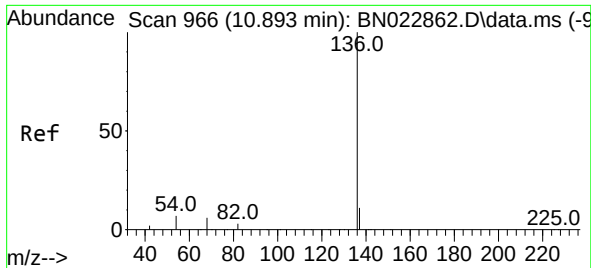
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#5
Phenol-d6
Concen: 0.048 ng
RT: 7.212 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

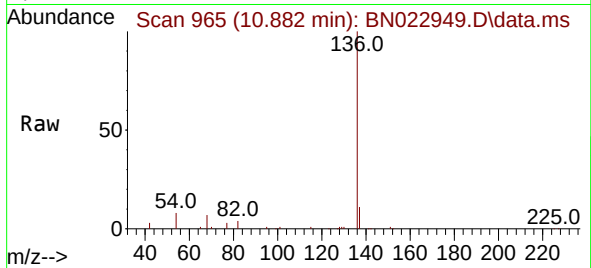
Tgt Ion: 99 Resp: 1167
Ion Ratio Lower Upper
99 100
42 26.6 16.0 24.0#
71 39.5 26.8 40.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

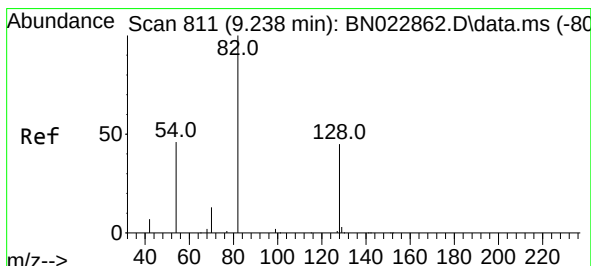
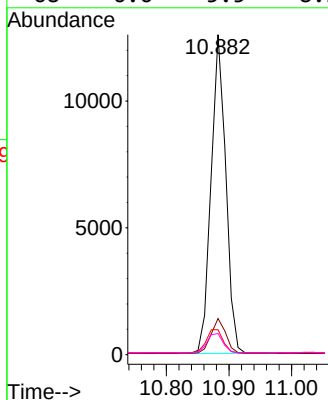
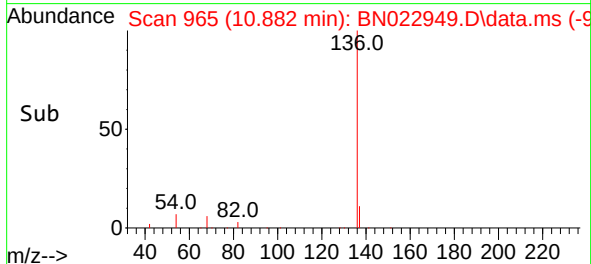
Instrument :
BNA_N
ClientSampleId :
MW179D2-20221115



Tgt Ion:136 Resp: 2048
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.8 6.6 9.8
68 6.6 5.5 8.3

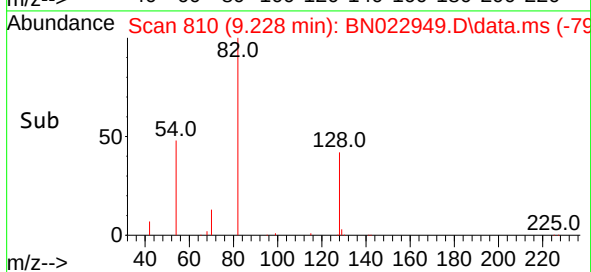
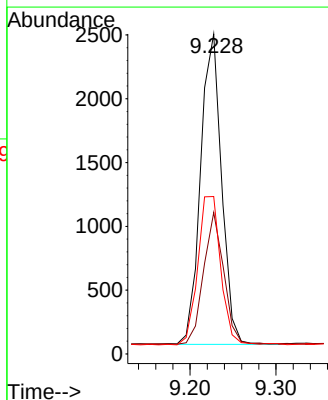
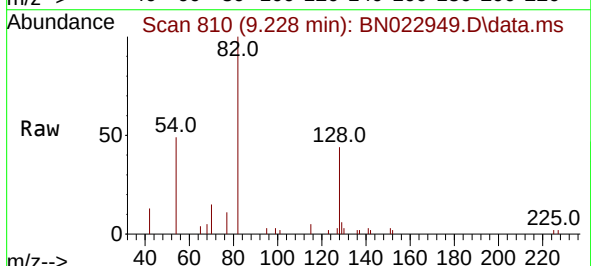
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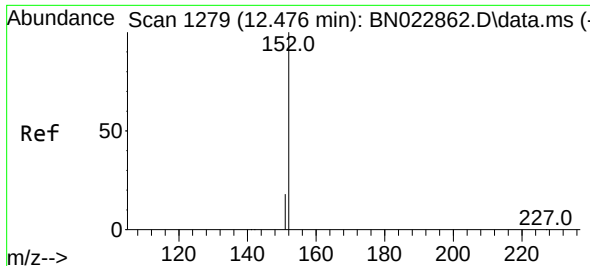
Reviewed By :Christian Giraldo 11/30/2022
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#8
Nitrobenzene-d5
Concen: 0.260 ng m
RT: 9.228 min Scan# 810
Delta R.T. -0.000 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

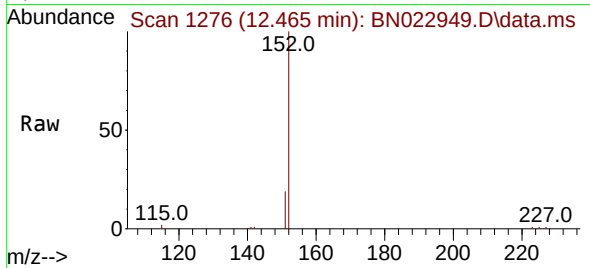
Tgt Ion: 82 Resp: 4137
Ion Ratio Lower Upper
82 100
128 44.2 36.6 54.8
54 49.2 38.5 57.7





#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.465 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

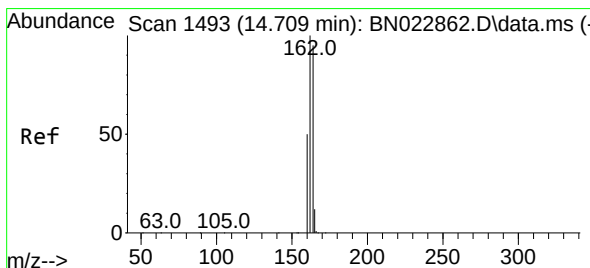
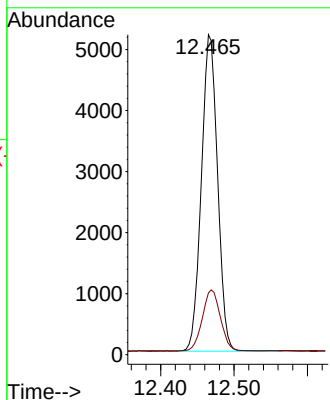
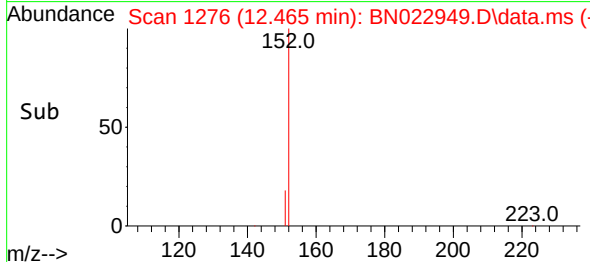
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ClientSampleId :
MW179D2-20221115



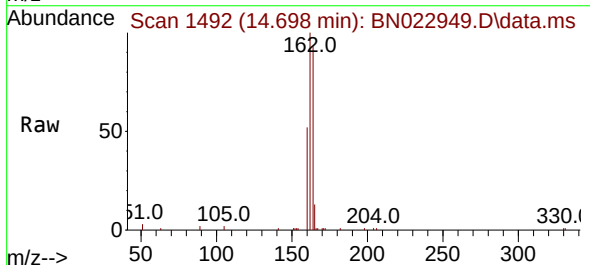
Tgt Ion:152 Resp: 10592
Ion Ratio Lower Upper
152 100
151 18.4 18.6 27.8

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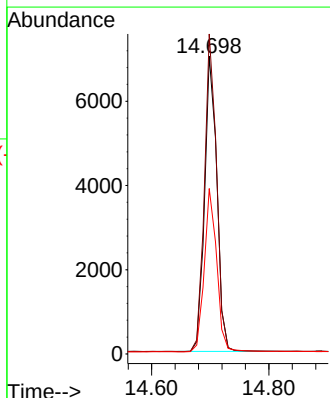
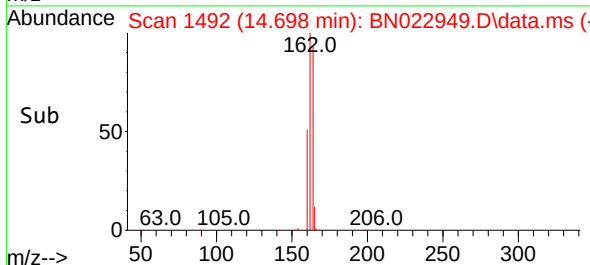
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

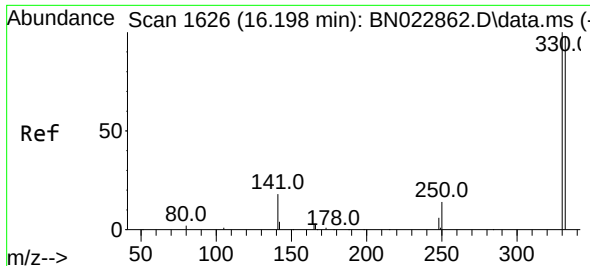


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46



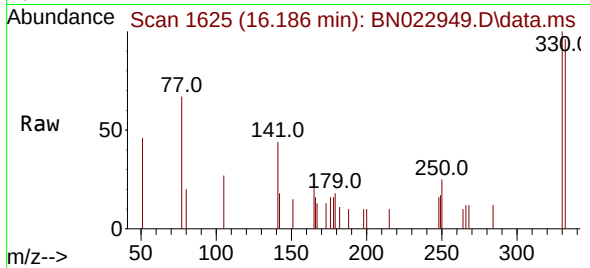
Tgt Ion:164 Resp: 10246
Ion Ratio Lower Upper
164 100
162 107.5 84.2 126.4
160 55.6 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.144 ng
RT: 16.186 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

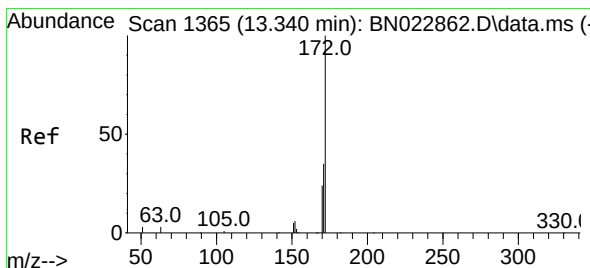
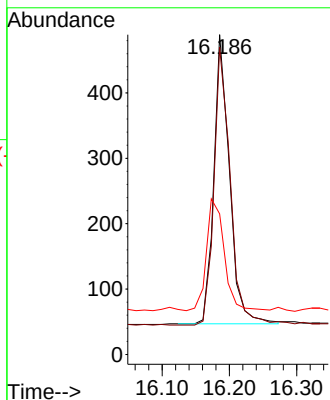
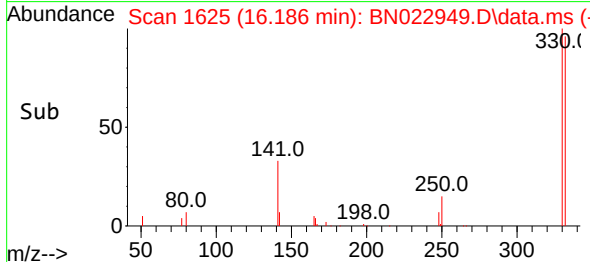
Instrument :
BNA_N
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MW179D2-20221115



Tgt Ion: 330 Resp: 710
Ion Ratio Lower Upper
330 100
332 100.6 76.5 114.7
141 43.9 32.6 48.8

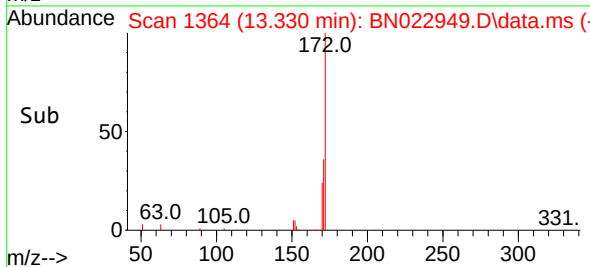
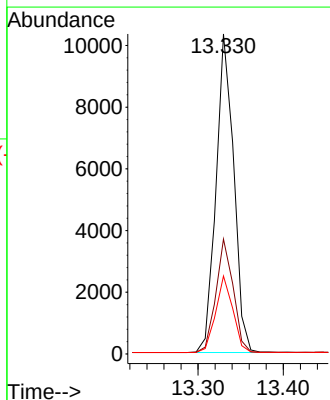
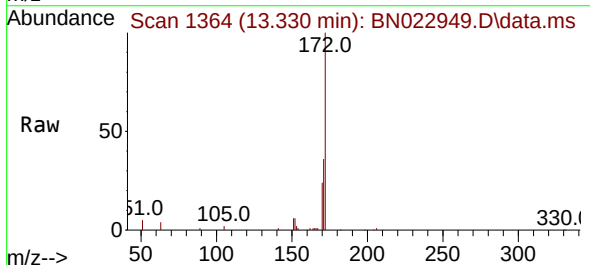
Manual Integrations
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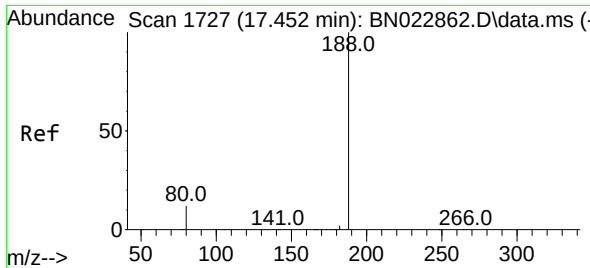
Reviewed By : Christian Giraldo 11/30/2022
Supervised By : mohammad ahmed 12/01/2022



#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.330 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

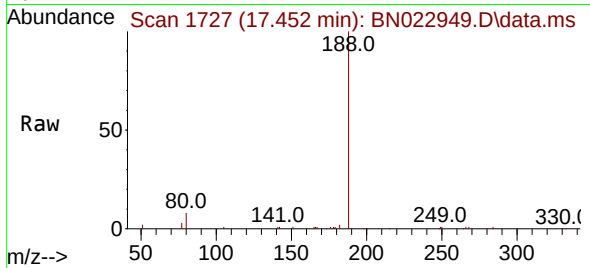
Tgt Ion: 172 Resp: 14873
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 24.4 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

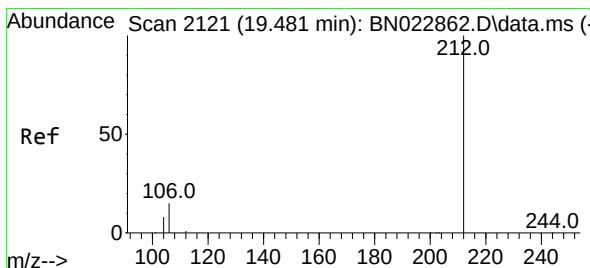
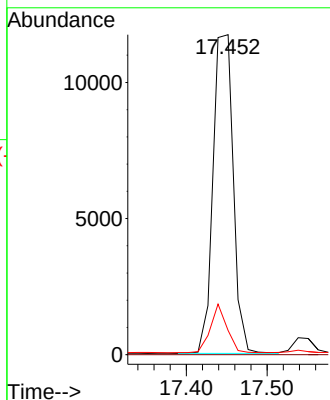
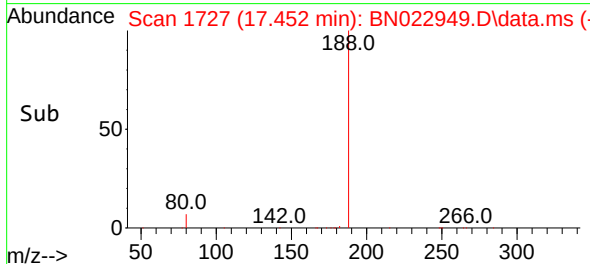
Instrument :
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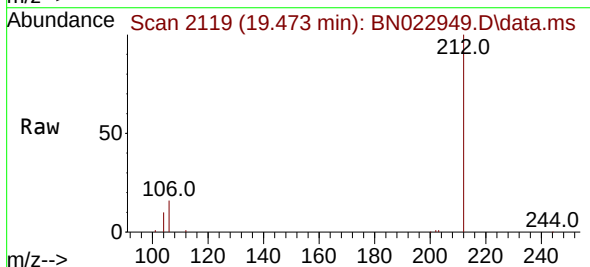
Tgt Ion:188 Resp: 20348
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 10.3 15.5

Manual Integrations
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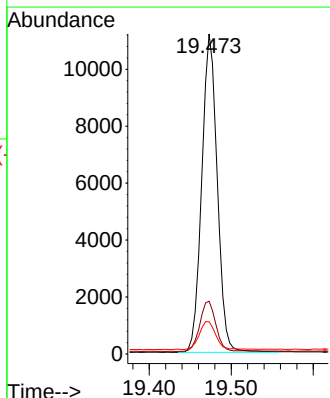
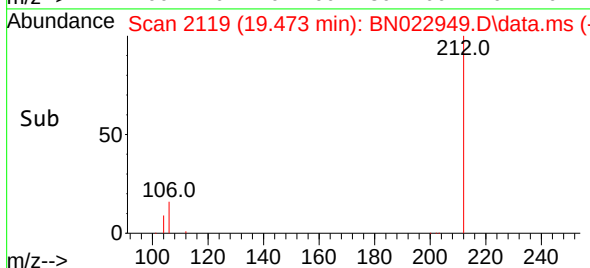
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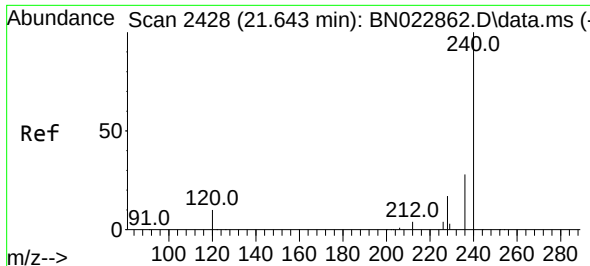


#27
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.473 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46



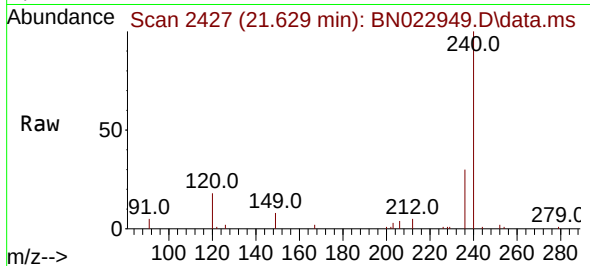
Tgt Ion:212 Resp: 14684
Ion Ratio Lower Upper
212 100
106 16.2 12.3 18.5
104 9.4 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46

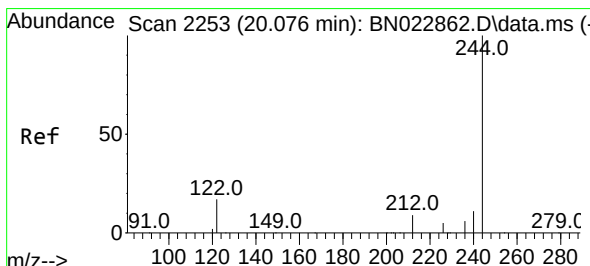
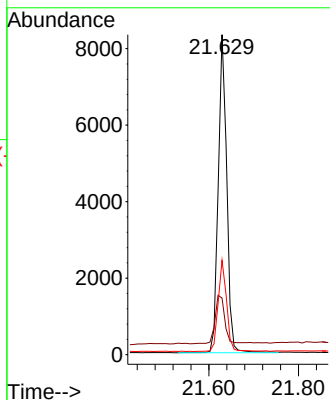
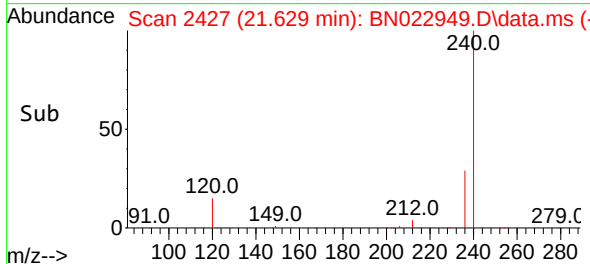
Instrument :
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ClientSampleId :
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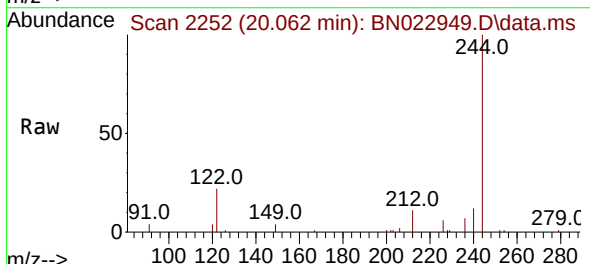
Tgt Ion:240 Resp: 10950
Ion Ratio Lower Upper
240 100
120 17.7 9.2 13.8
236 29.5 22.6 34.0

Manual Integrations
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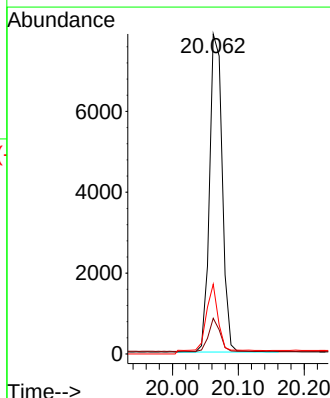
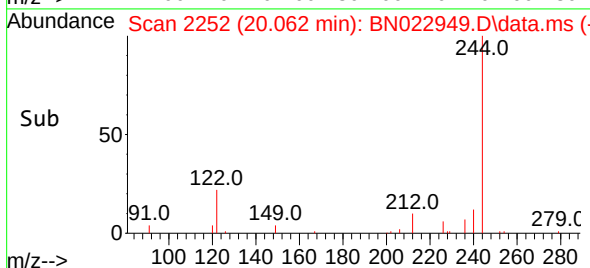
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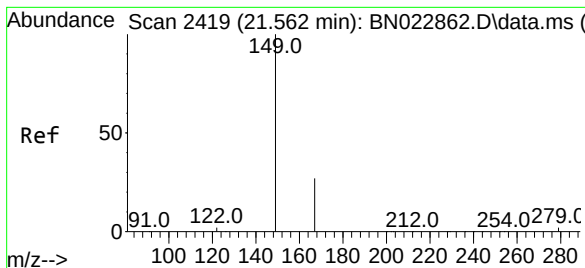


#31
Terphenyl-d14
Concen: 0.411 ng
RT: 20.062 min Scan# 2252
Delta R.T. -0.005 min
Lab File: BN022949.D
Acq: 29 Nov 2022 12:46



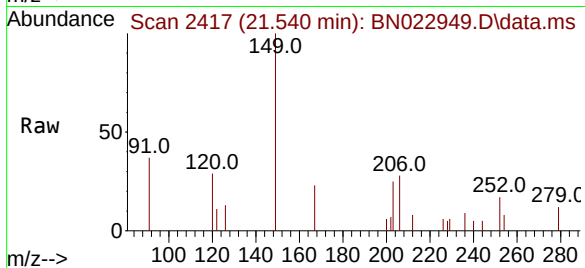
Tgt Ion:244 Resp: 10578
Ion Ratio Lower Upper
244 100
212 11.2 7.9 11.9
122 21.8 13.9 20.9





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.540 min Scan# 2417
 Delta R.T. -0.005 min
 Lab File: BN022949.D
 Acq: 29 Nov 2022 12:46

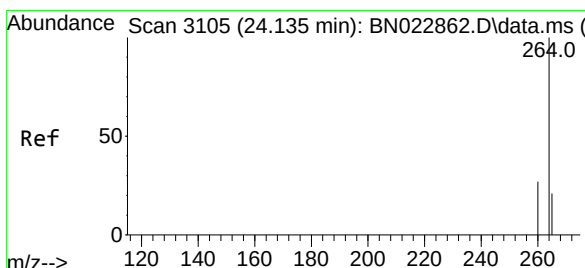
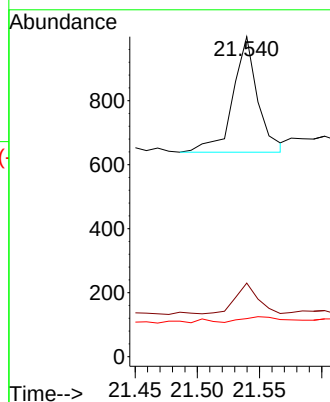
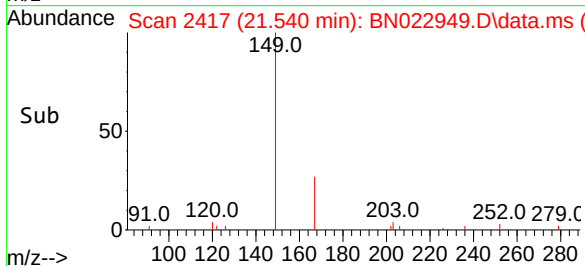
Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20221115



Tgt Ion:149 Resp: 498
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.3 31.9
 279 8.4 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: 24.119 min Scan# 3099
 Delta R.T. -0.005 min
 Lab File: BN022949.D
 Acq: 29 Nov 2022 12:46

Tgt Ion:264 Resp: 7493
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.7 32.5
 265 71.2 31.0 46.4

