

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
 Data File : BN022181.D
 Acq On : 18 Oct 2022 17:27
 Operator : CG/JU
 Sample : PB148416BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148416BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : mohammad ahmed 10/20/2022

Quant Time: Oct 19 02:09:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 02:07:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	4128	0.400	ng	0.00
7) Naphthalene-d8	10.784	136	13066	0.400	ng	0.00
13) Acenaphthene-d10	14.632	164	7654	0.400	ng	0.01
19) Phenanthrene-d10	17.387	188	15458	0.400	ng	0.00
29) Chrysene-d12	21.582	240	9355	0.400	ng	# 0.00
35) Perylene-d12	24.055	264	7453	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	4413	0.461	ng	0.00
5) Phenol-d6	7.119	99	5447	0.439	ng	0.00
8) Nitrobenzene-d5	9.140	82	3503m	0.333	ng	0.01
11) 2-Methylnaphthalene-d10	12.383	152	7349	0.306	ng	0.00
14) 2,4,6-Tribromophenol	16.133	330	694	0.238	ng	0.01
15) 2-Fluorobiphenyl	13.253	172	10638	0.318	ng	0.00
27) Fluoranthene-d10	19.420	212	11710	0.285	ng	0.00
31) Terphenyl-d14	20.014	244	6974	0.371	ng	0.00

Target Compounds Qvalue

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

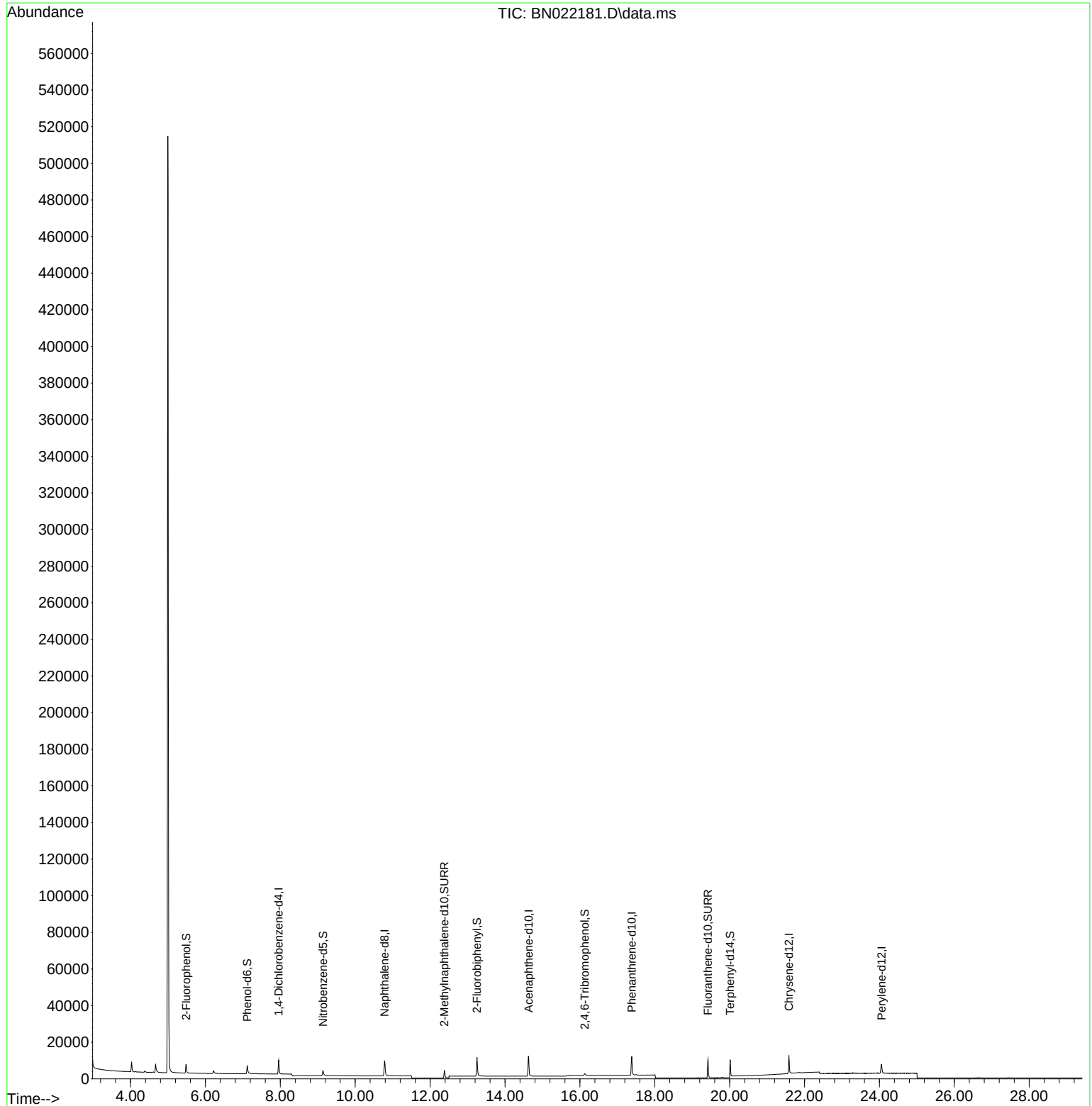
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
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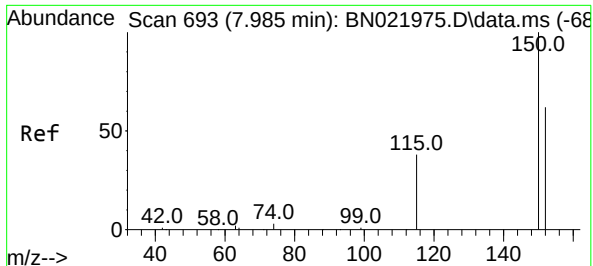
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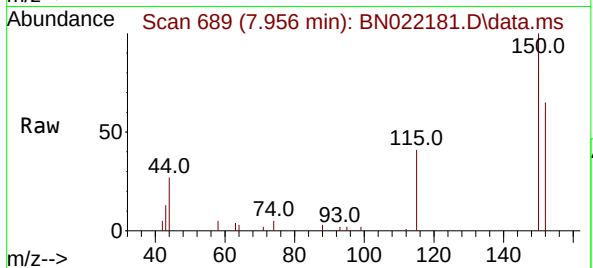
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.956 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

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BNA_N

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PB148416BL

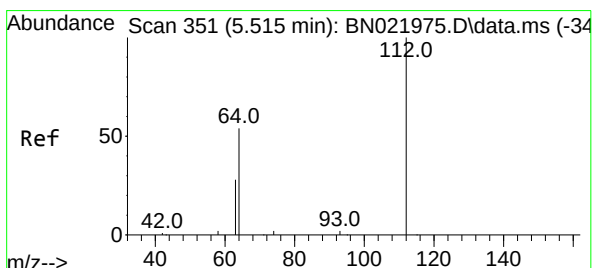
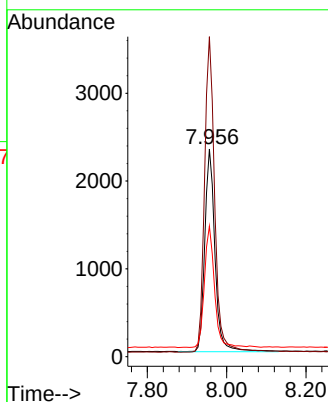
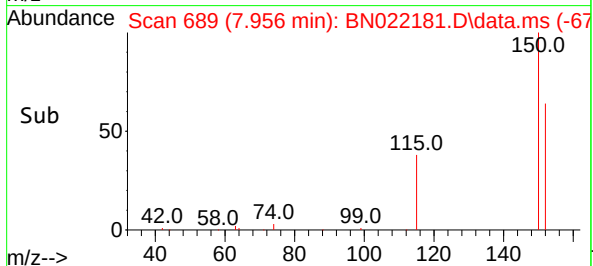


Tgt Ion:152 Resp: 4128
Ion Ratio Lower Upper
152 100
150 154.1 127.2 190.8
115 62.9 51.4 77.0

Manual Integrations

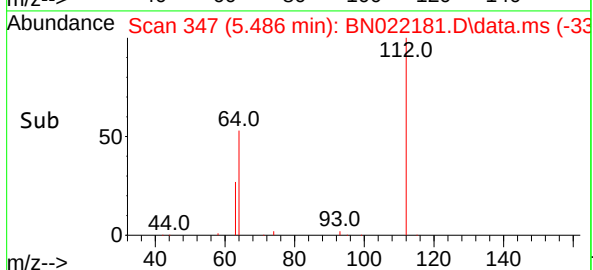
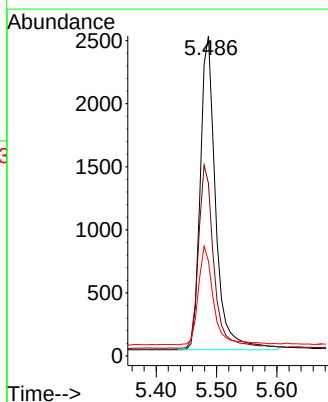
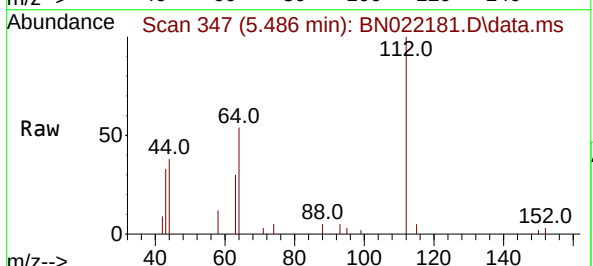
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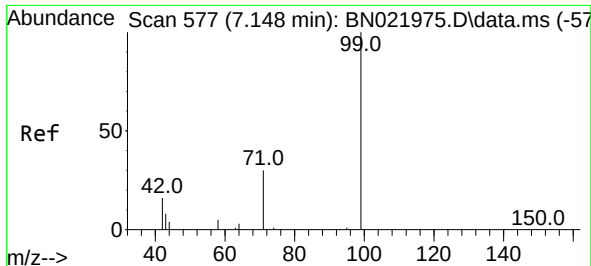
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#4
2-Fluorophenol
Concen: 0.461 ng
RT: 5.486 min Scan# 347
Delta R.T. 0.007 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

Tgt Ion:112 Resp: 4413
Ion Ratio Lower Upper
112 100
64 58.5 46.9 70.3
63 31.1 24.6 37.0





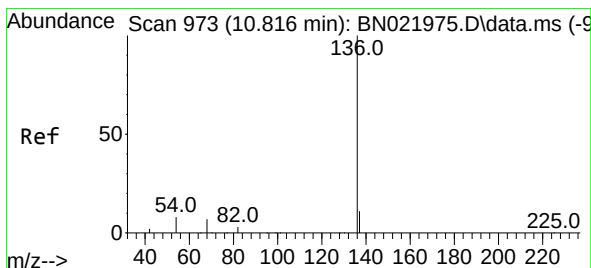
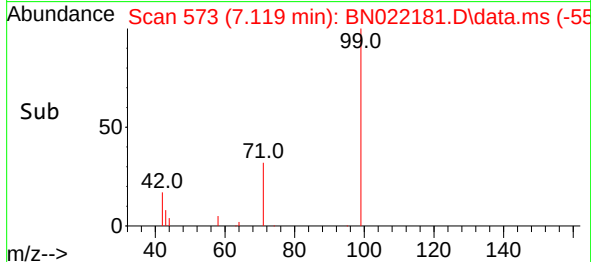
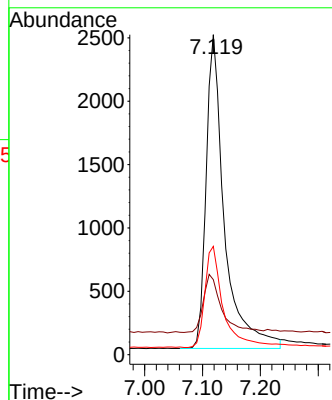
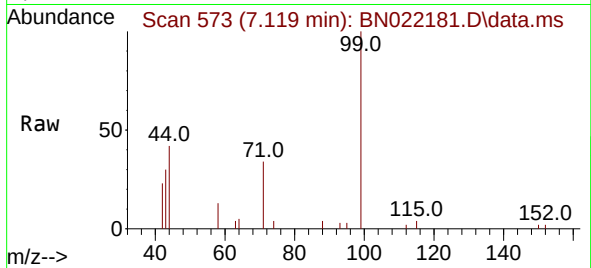
#5
Phenol-d6
Concen: 0.439 ng
RT: 7.119 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

Instrument :
BNA_N
ClientSampleId :
PB148416BL

Tgt Ion: 99 Resp: 544
Ion Ratio Lower Upper
99 100
42 18.3 15.9 23.9
71 32.7 25.6 38.4

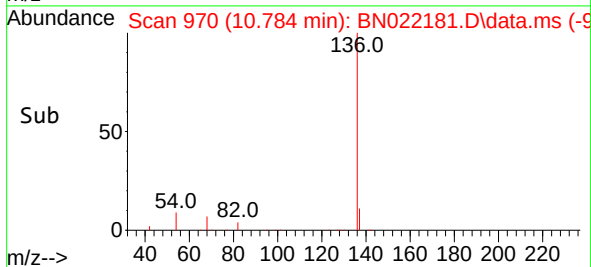
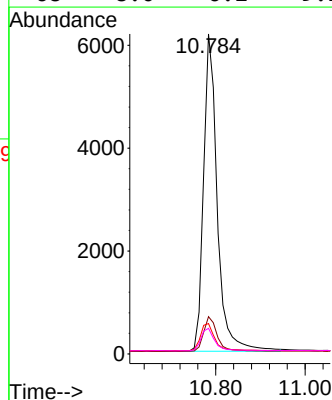
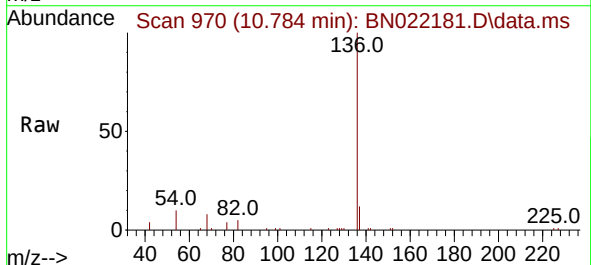
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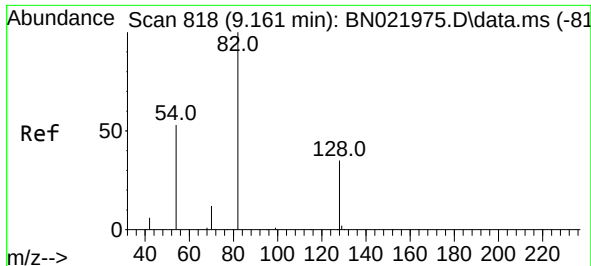
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.784 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

Tgt Ion:136 Resp: 13066
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.5 7.1 10.7
68 8.0 6.2 9.2





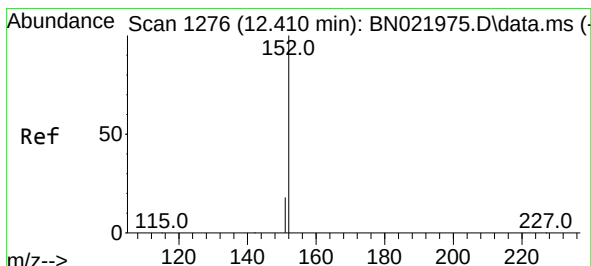
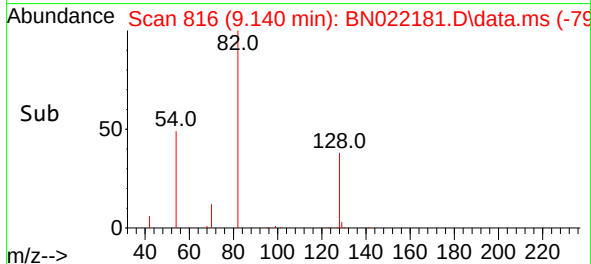
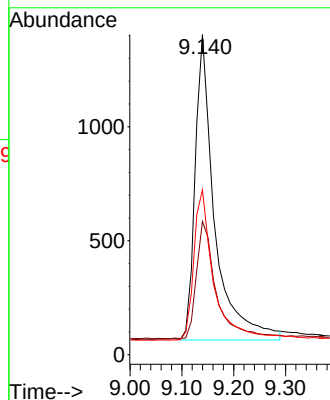
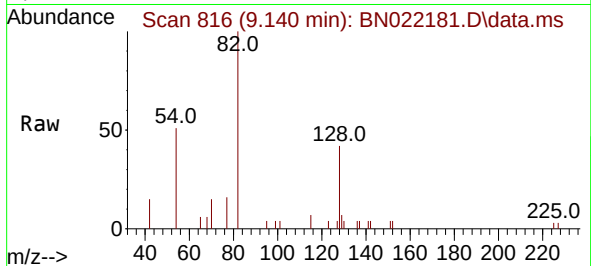
#8
Nitrobenzene-d5
Concen: 0.333 ng m
RT: 9.140 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

Instrument :
BNA_N
ClientSampleId :
PB148416BL

Tgt Ion: 82 Resp: 350
Ion Ratio Lower Upper
82 100
128 41.7 29.9 44.9
54 51.5 43.5 65.3

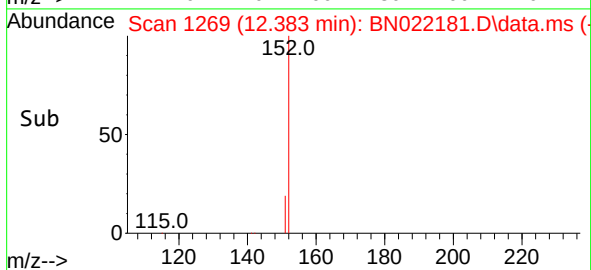
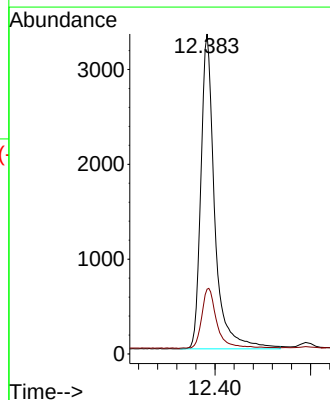
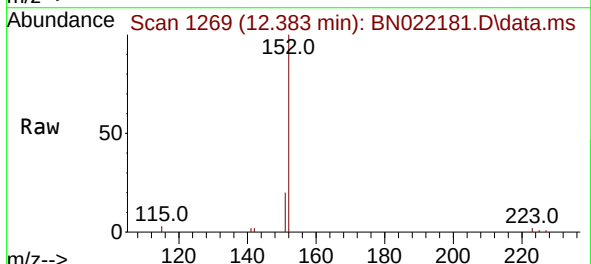
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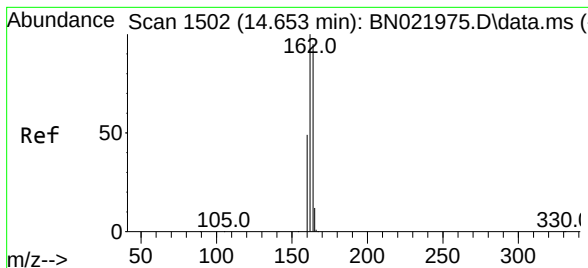
Reviewed By :Christian Giraldo 10/19/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.383 min Scan# 1269
Delta R.T. 0.004 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

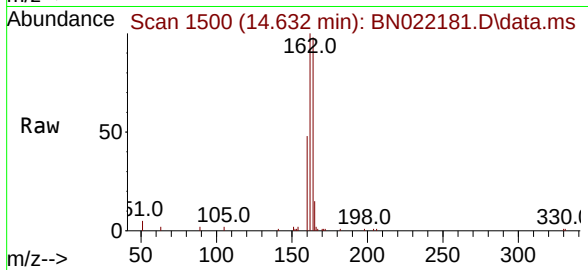
Tgt Ion:152 Resp: 7349
Ion Ratio Lower Upper
152 100
151 18.7 13.8 20.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.632 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

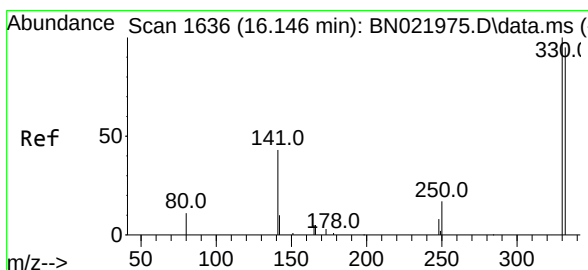
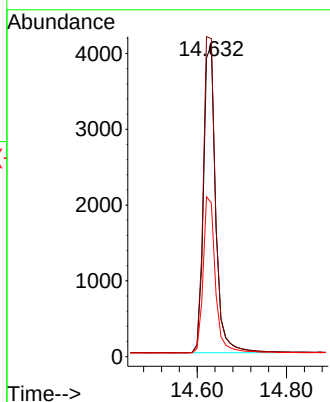
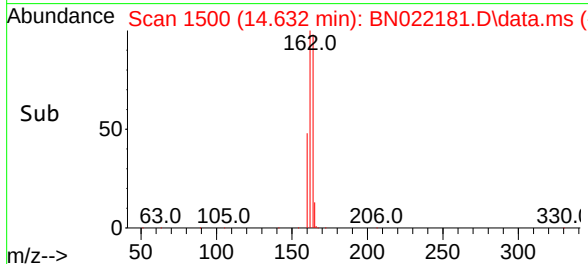
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ClientSampleId :
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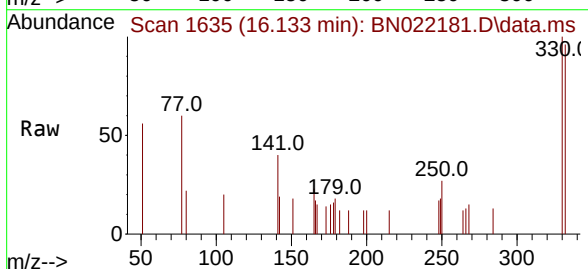
Tgt Ion:164 Resp: 7654
Ion Ratio Lower Upper
164 100
162 101.8 84.3 126.5
160 49.2 41.7 62.5

Manual Integrations
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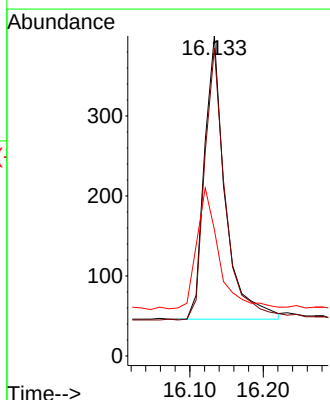
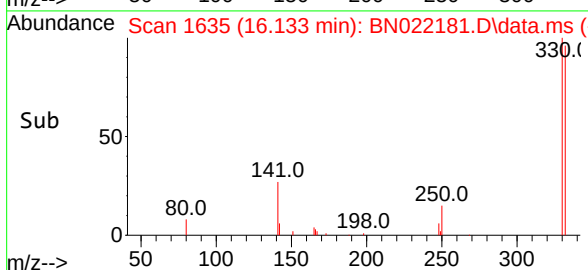
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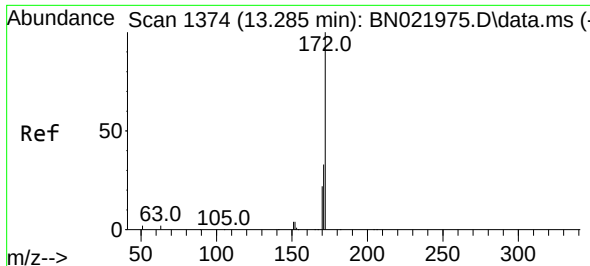


#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 16.133 min Scan# 1635
Delta R.T. 0.012 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27



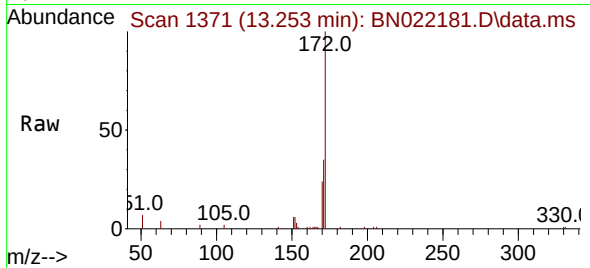
Tgt Ion:330 Resp: 694
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 45.4 35.3 52.9





#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.253 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

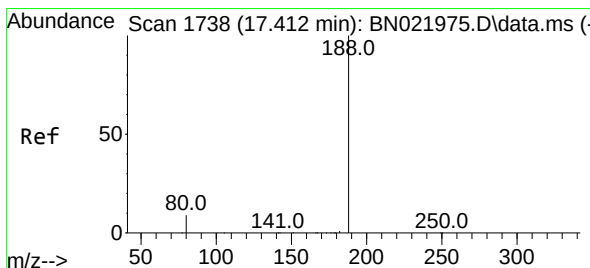
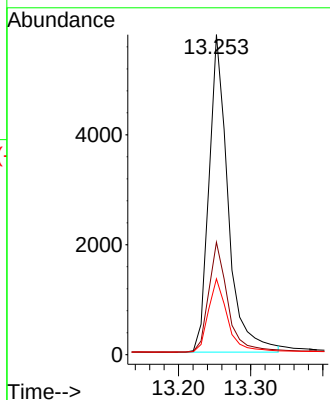
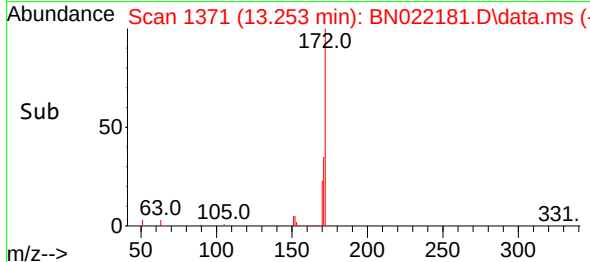
Instrument :
BNA_N
ClientSampleId :
PB148416BL



Tgt Ion:172 Resp: 10638
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.7 18.3 27.5

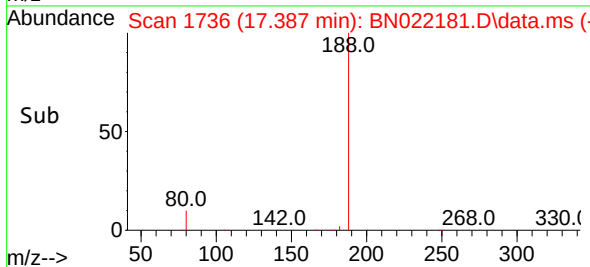
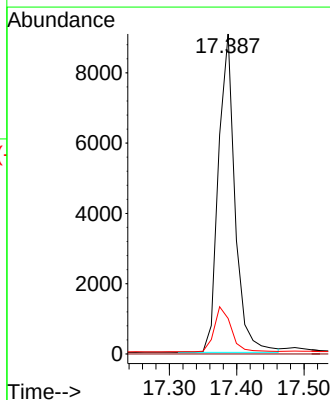
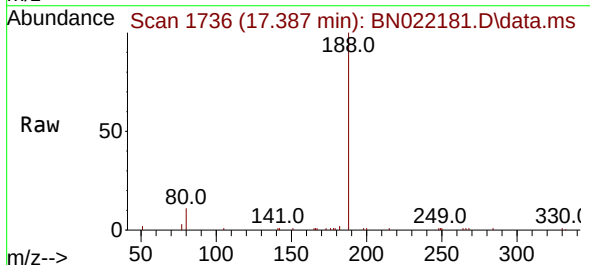
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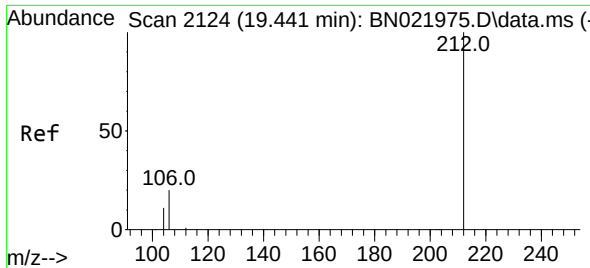
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.387 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

Tgt Ion:188 Resp: 15458
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.5 11.3





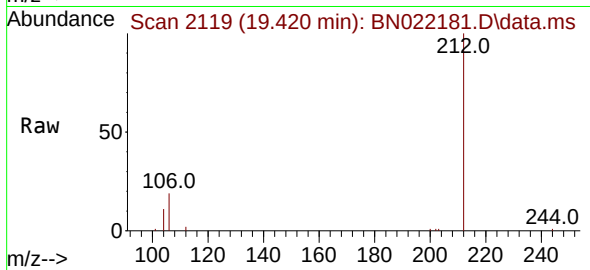
#27
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.420 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

Instrument :

BNA_N

ClientSampleId :

PB148416BL

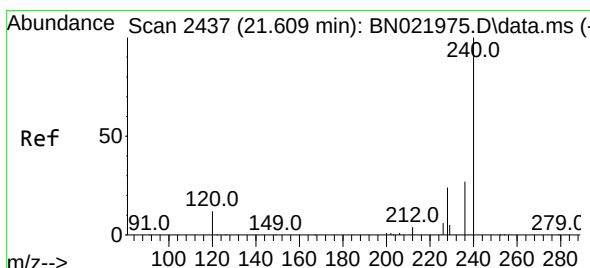
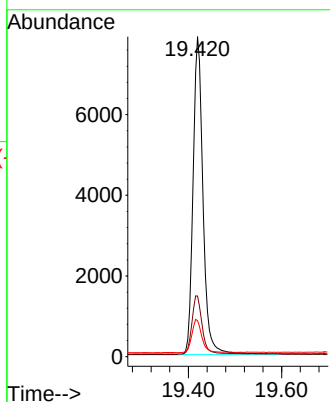
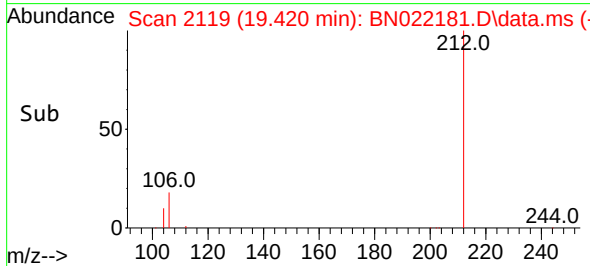


Tgt Ion:212 Resp: 11710
Ion Ratio Lower Upper
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104 10.3 8.6 13.0

Manual Integrations

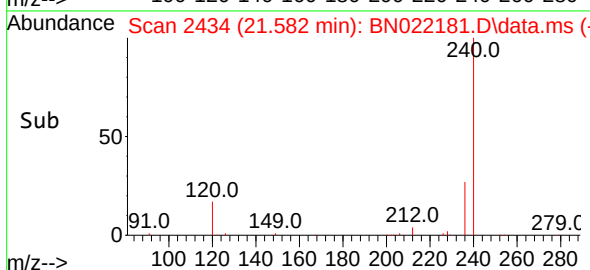
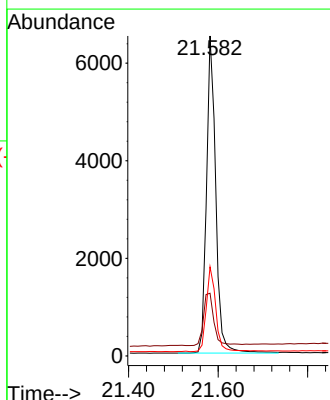
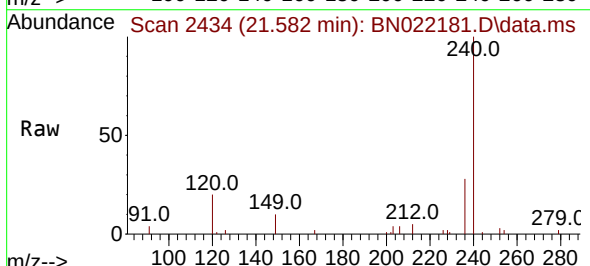
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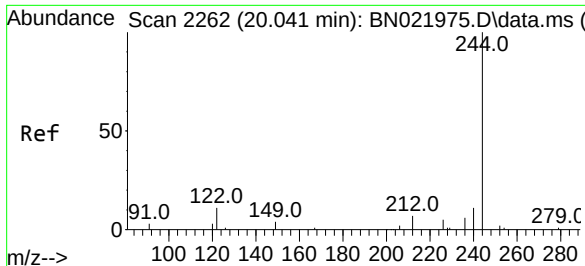
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Supervised By :mohammad ahmed 10/20/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.582 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BN022181.D
Acq: 18 Oct 2022 17:27

Tgt Ion:240 Resp: 9355
Ion Ratio Lower Upper
240 100
120 19.6 11.8 17.6#
236 27.8 22.4 33.6





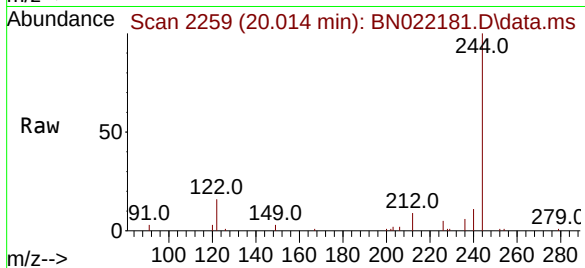
#31
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 20.014 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022181.D
 Acq: 18 Oct 2022 17:27

Instrument :

BNA_N

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PB148416BL

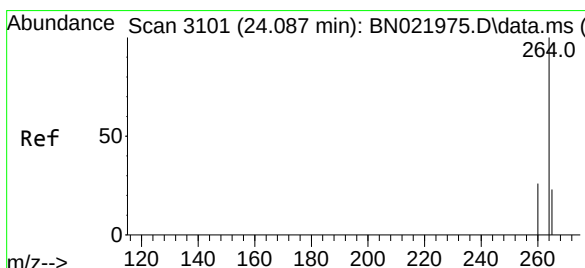
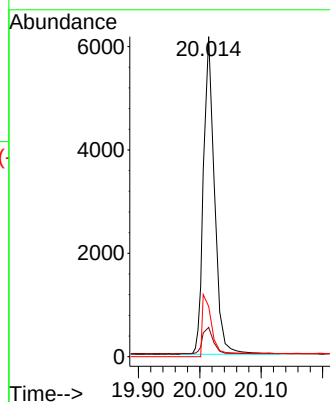
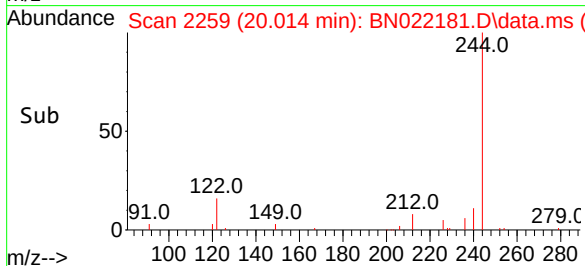


Tgt Ion:244 Resp: 6974
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.5 9.7
 122 15.7 9.1 13.7

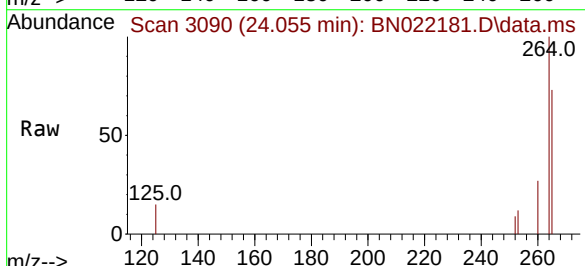
Manual Integrations

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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.055 min Scan# 3090
 Delta R.T. 0.003 min
 Lab File: BN022181.D
 Acq: 18 Oct 2022 17:27



Tgt Ion:264 Resp: 7453
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.3 31.9
 265 72.8 63.0 94.4

