

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011022\
 Data File : BN018377.D
 Acq On : 10 Jan 2022 12:40
 Operator : CG/JU
 Sample : M5212-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP122121

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/11/2022
 Supervised By :Jagrut Upadhyay 01/11/2022

Quant Time: Jan 10 14:03:06 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 13:58:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	29234	0.40	ng	# 0.00
7) Naphthalene-d8	10.381	136	145348	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	97823	0.40	ng	# 0.00
19) Phenanthrene-d10	16.981	188	131155	0.40	ng	# 0.00
29) Chrysene-d12	21.185	240	114911	0.40	ng	0.00
35) Perylene-d12	23.402	264	117111	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	12784	0.18	ng	0.03
5) Phenol-d6	6.813	99	5418	0.08	ng	0.02
8) Nitrobenzene-d5	8.759	82	29817m	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.981	152	63200	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	14350	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	89355	0.25	ng	0.00
27) Fluoranthene-d10	19.018	212	128767	0.34	ng	0.00
31) Terphenyl-d14	19.629	244	102695	0.41	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.445	128	144232	0.39	ng	# 19
12) 2-Methylnaphthalene	12.056	142	88583	0.39	ng	# 92
17) Acenaphthene	14.307	154	336441	1.24	ng	98
18) Fluorene	15.296	166	133077	0.44	ng	# 94
24) Pentachlorophenol	16.653	266	1352	0.37	ng	94
25) Phenanthrene	17.018	178	62149	0.17	ng	# 88
26) Anthracene	17.115	178	208434	0.68	ng	# 93
28) Fluoranthene	19.053	202	491708	1.26	ng	# 96
30) Pyrene	19.410	202	316199	0.78	ng	# 93
32) Benzo(a)anthracene	21.164	228	22412	0.07	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.111	149	23948	0.29	ng	# 97

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

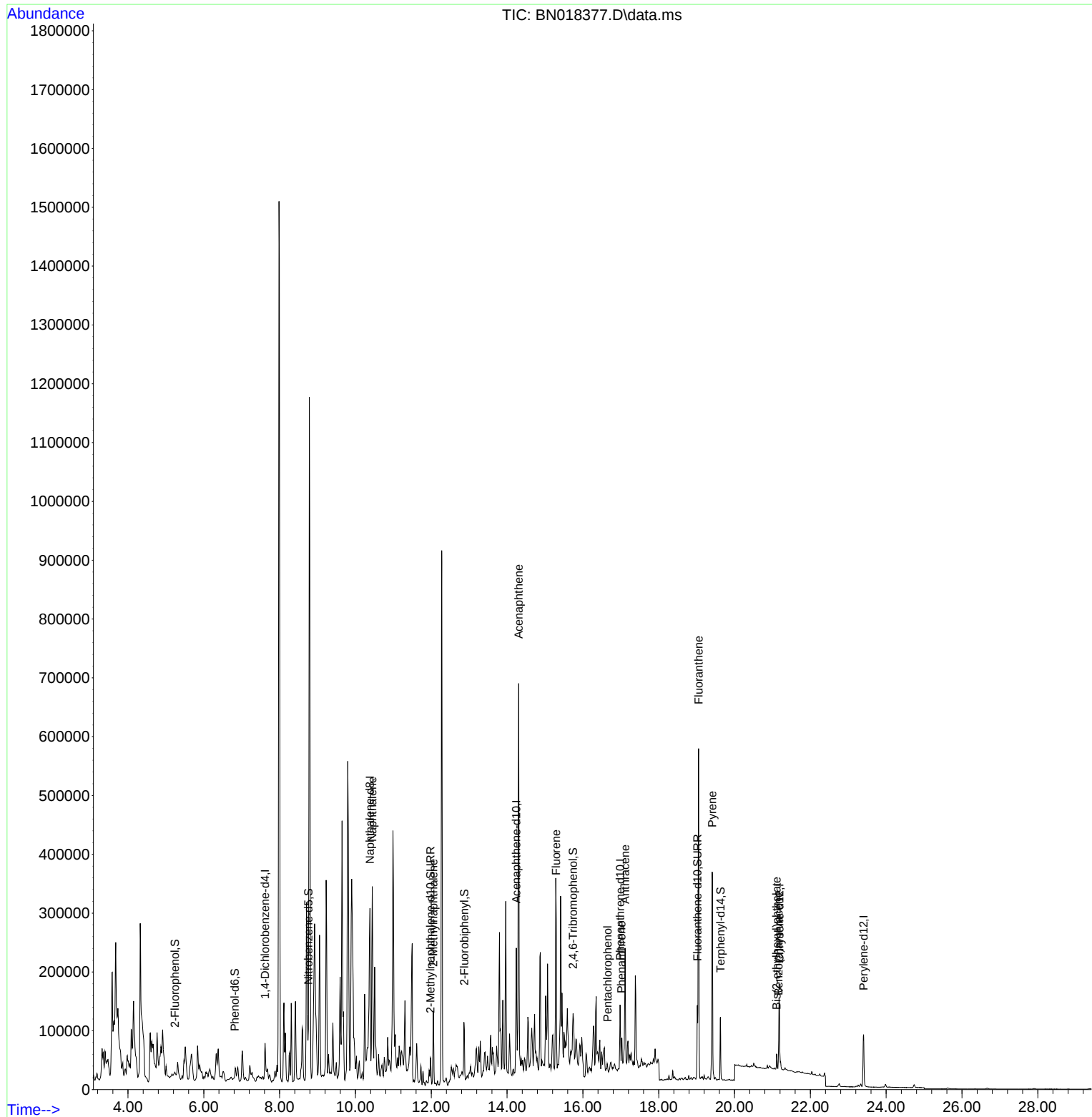
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011022\
Data File : BN018377.D
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ALS Vial : 4 Sample Multiplier: 1

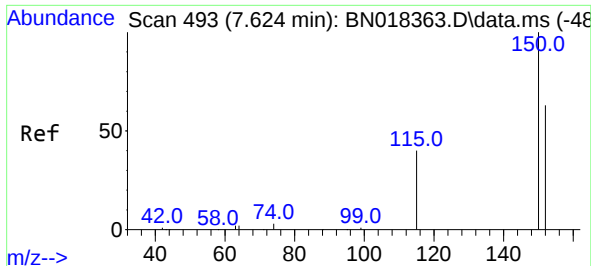
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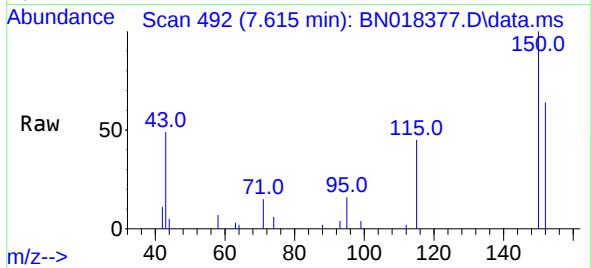
Quant Time: Jan 10 14:03:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 13:58:28 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.615 min Scan# 493
Delta R.T. 0.009 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

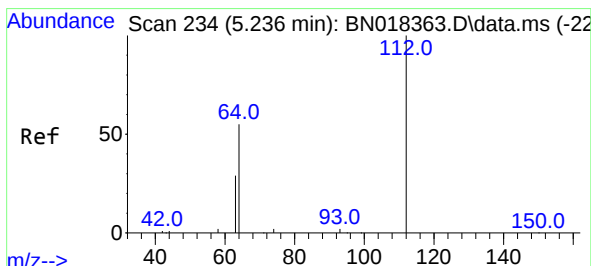
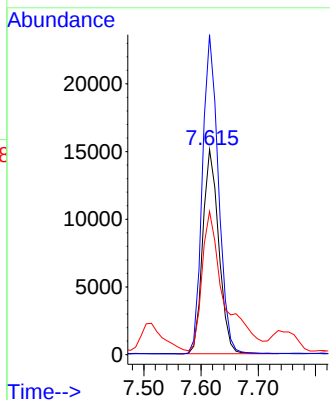
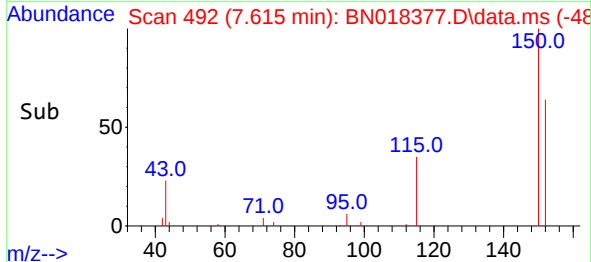
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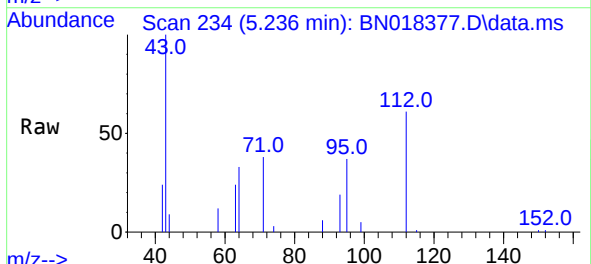
Tgt Ion:152 Resp: 29234
Ion Ratio Lower Upper
152 100
150 156.0 121.7 182.5
115 69.8 43.8 65.8

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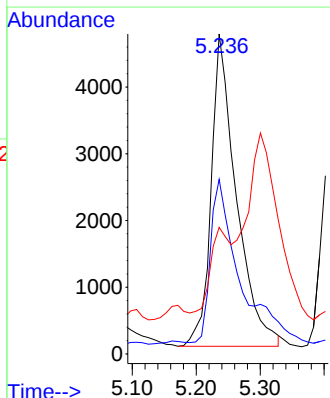
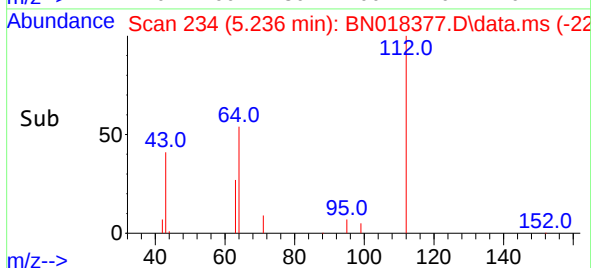
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

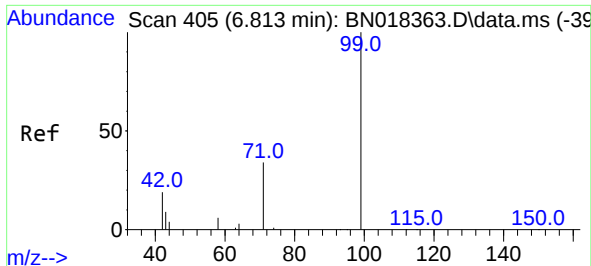


#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.236 min Scan# 234
Delta R.T. 0.028 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40



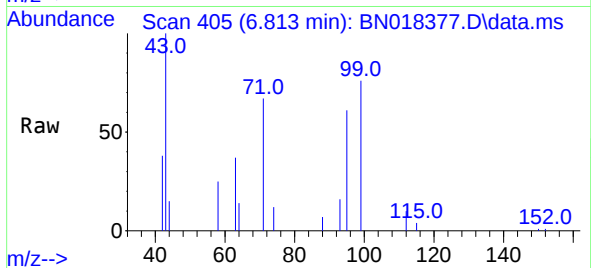
Tgt Ion:112 Resp: 12784
Ion Ratio Lower Upper
112 100
64 57.9 48.0 72.0
63 21.3 25.3 37.9





#5
Phenol-d6
Concen: 0.08 ng
RT: 6.813 min Scan# 405
Delta R.T. 0.018 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

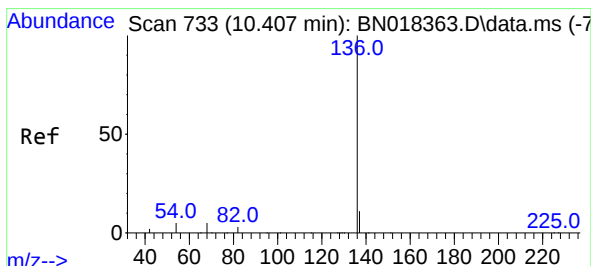
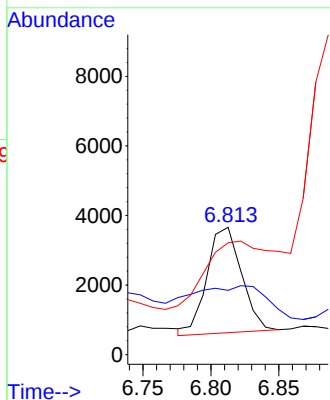
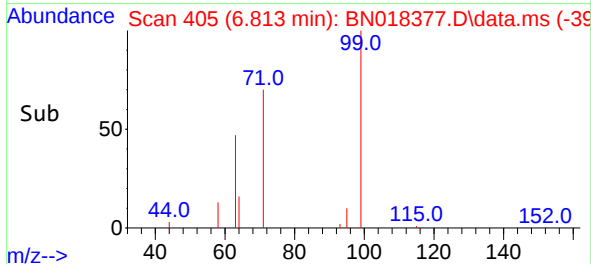
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Tgt Ion: 99 Resp: 5418
Ion Ratio Lower Upper
99 100
42 69.7 16.3 24.5
71 124.3 26.8 40.2

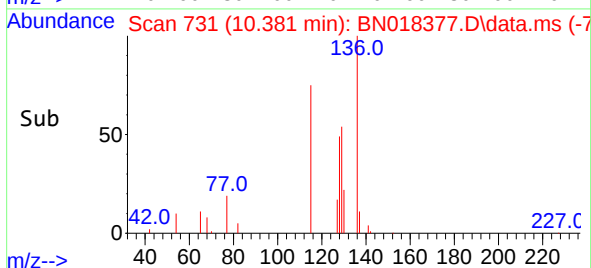
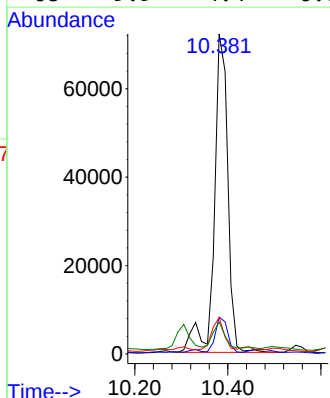
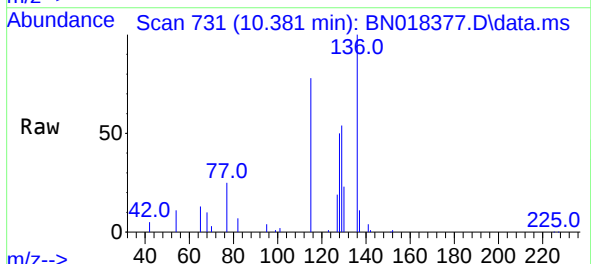
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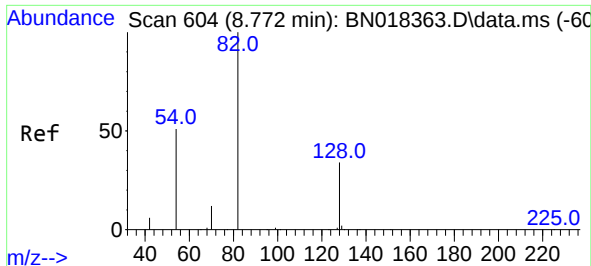
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.381 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

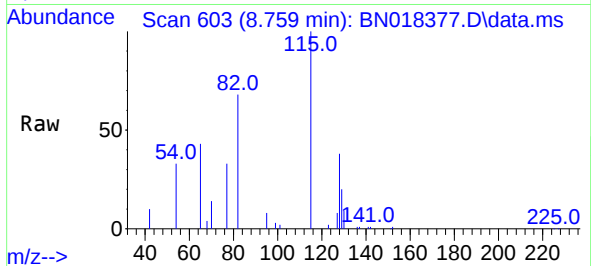
Tgt Ion:136 Resp: 145348
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 11.4 5.0 7.6#
68 9.9 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.40 ng m
RT: 8.759 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

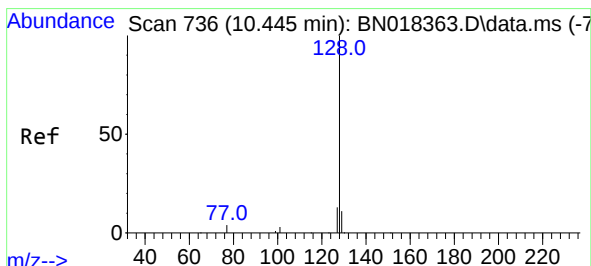
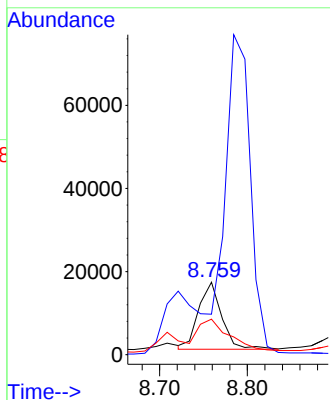
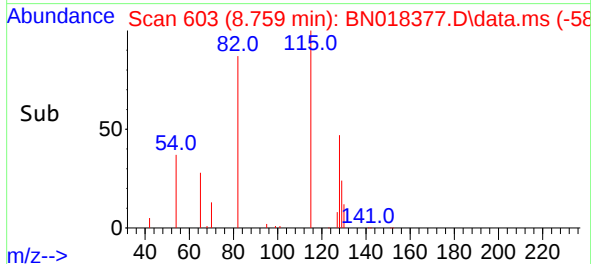
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 2981
Ion Ratio Lower Upper
82 100
128 55.7 33.7 50.5
54 48.9 36.6 55.0

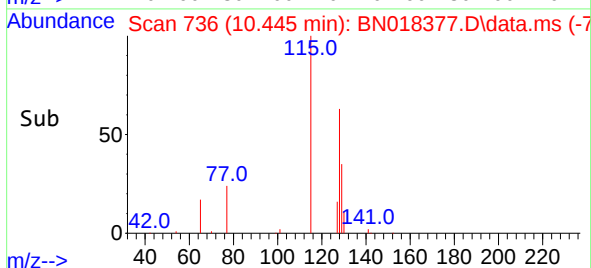
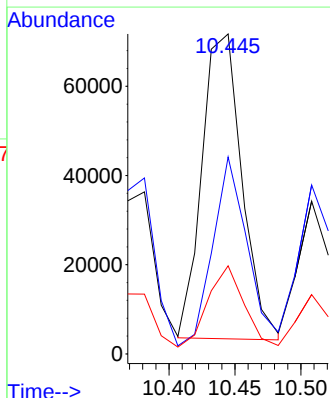
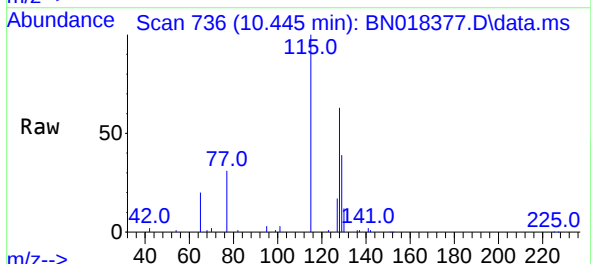
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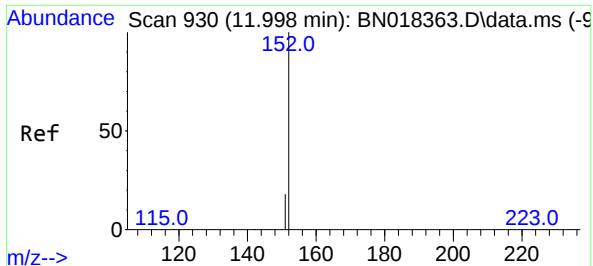
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#9
Naphthalene
Concen: 0.39 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.013 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

Tgt Ion:128 Resp: 144232
Ion Ratio Lower Upper
128 100
129 61.6 8.7 13.1#
127 27.6 10.4 15.6#





#11

2-Methylnaphthalene-d10

Concen: 0.28 ng

RT: 11.981 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN018377.D

Acq: 10 Jan 2022 12:40

Instrument :

BNA_N

ClientSampleId :

DUP122121

Tgt Ion:152 Resp: 63200

Ion Ratio Lower Upper

152 100

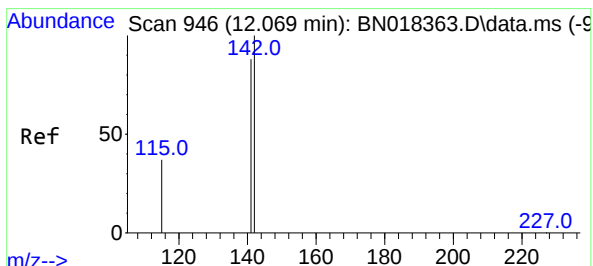
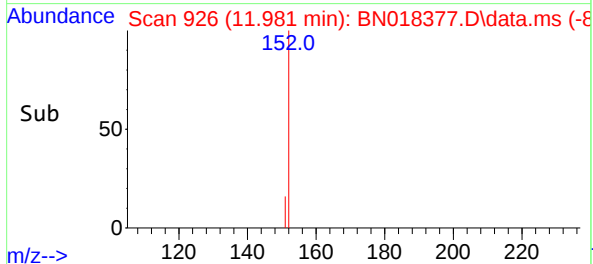
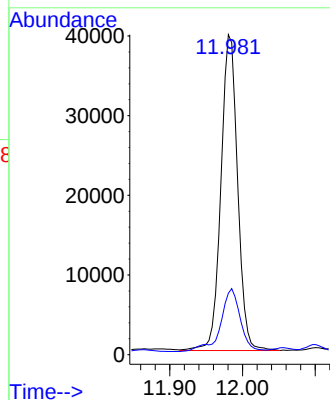
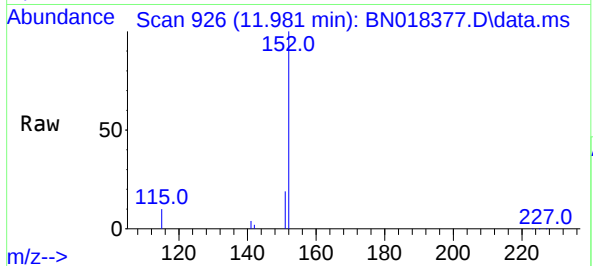
151 23.8 16.2 24.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/11/2022



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.056 min Scan# 943

Delta R.T. -0.000 min

Lab File: BN018377.D

Acq: 10 Jan 2022 12:40

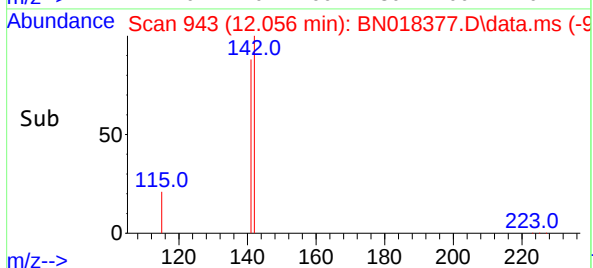
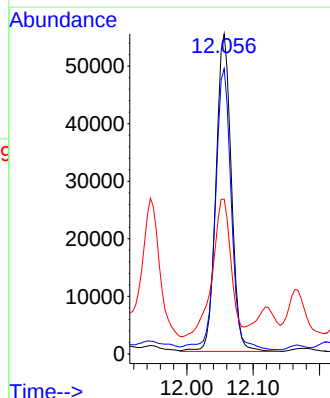
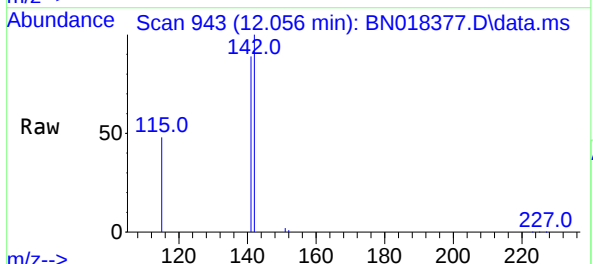
Tgt Ion:142 Resp: 88583

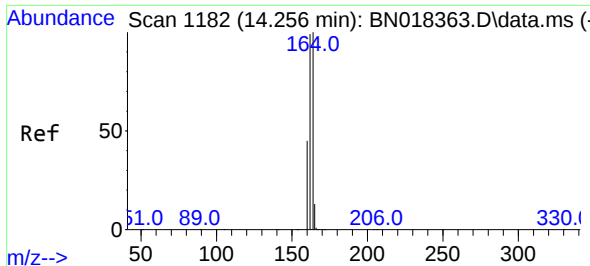
Ion Ratio Lower Upper

142 100

141 89.1 70.0 105.0

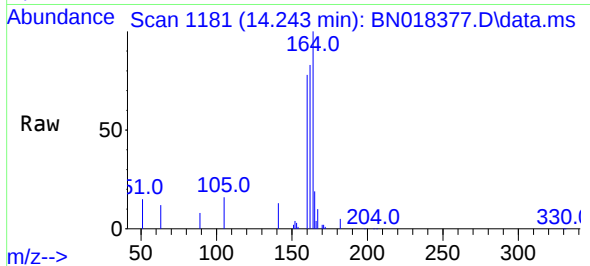
115 48.4 27.8 41.8#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.243 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

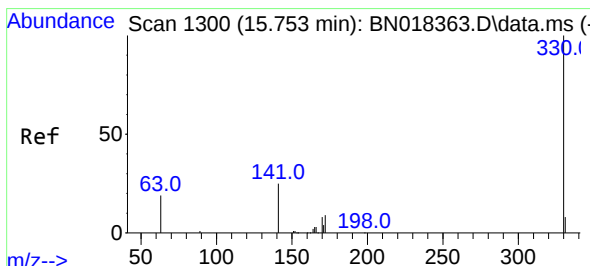
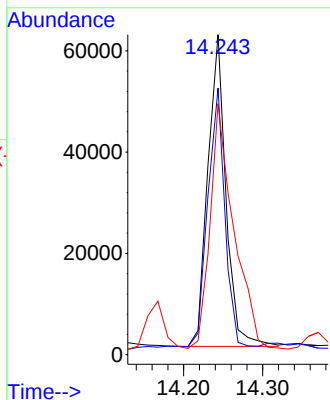
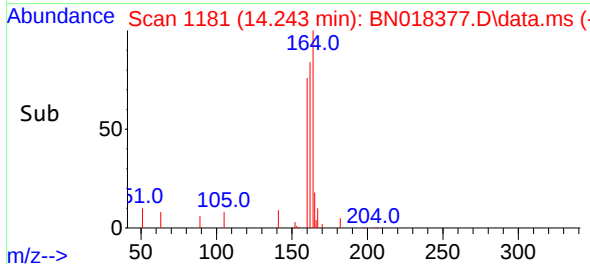
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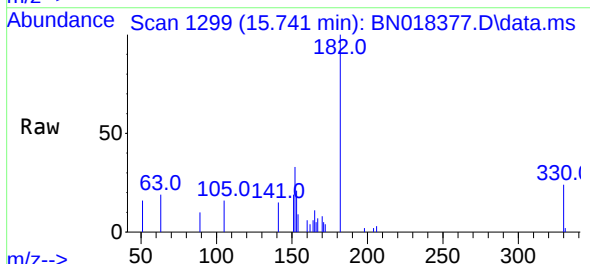
Tgt Ion:164 Resp: 9782
Ion Ratio Lower Upper
164 100
162 83.3 80.2 120.2
160 78.5 36.9 55.3

Manual Integrations
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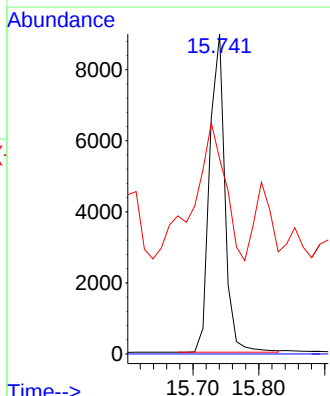
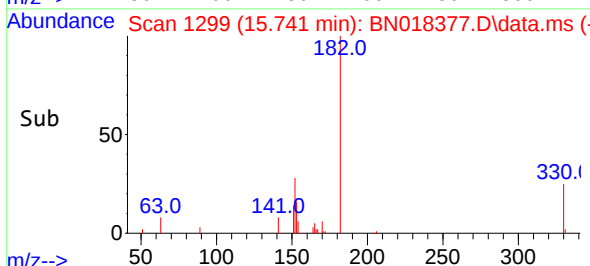
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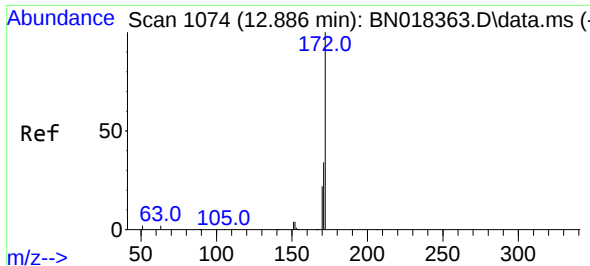


#14
2,4,6-Tribromophenol
Concen: 0.46 ng
RT: 15.741 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40



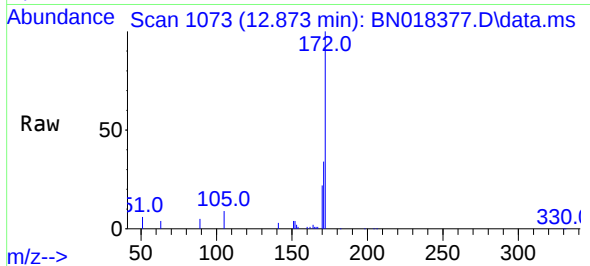
Tgt Ion:330 Resp: 14350
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 82.4 21.3 31.9





#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

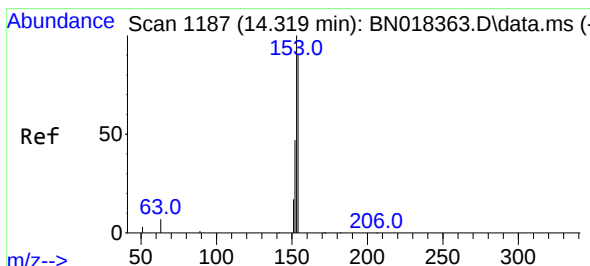
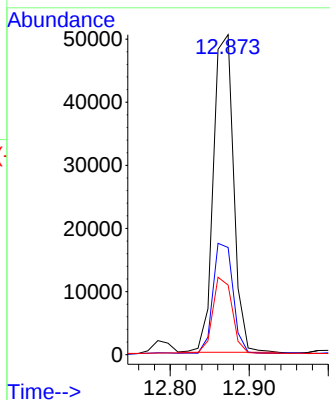
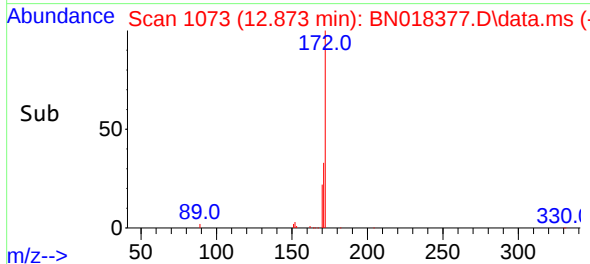
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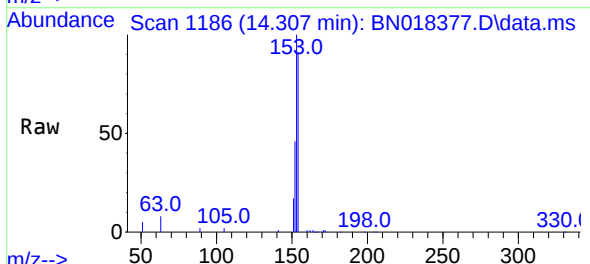
Tgt Ion:172 Resp: 8935
Ion Ratio Lower Upper
172 100
171 33.5 27.4 41.0
170 21.7 18.4 27.6

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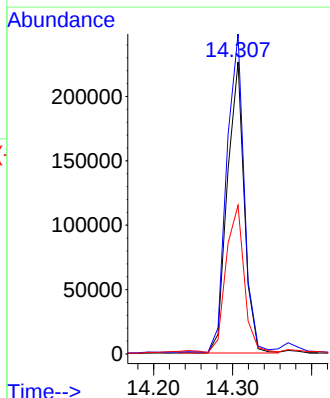
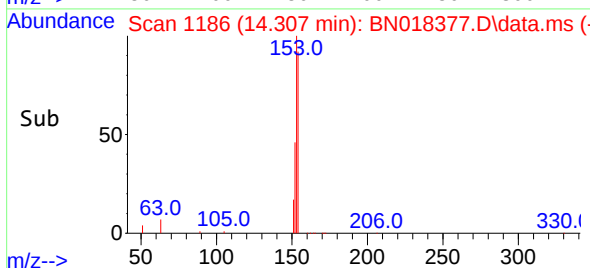
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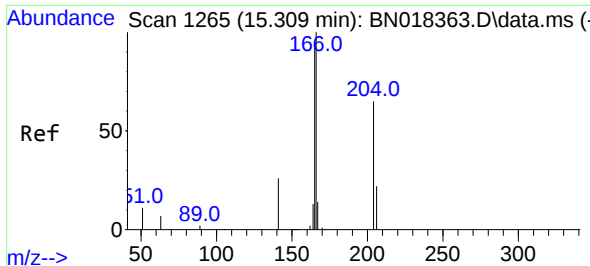


#17
Acenaphthene
Concen: 1.24 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40



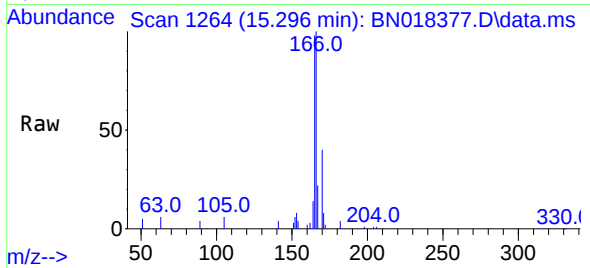
Tgt Ion:154 Resp: 336441
Ion Ratio Lower Upper
154 100
153 112.3 90.9 136.3
152 53.9 45.0 67.4





#18
Fluorene
Concen: 0.44 ng
RT: 15.296 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

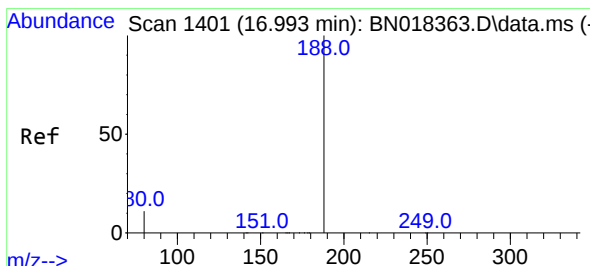
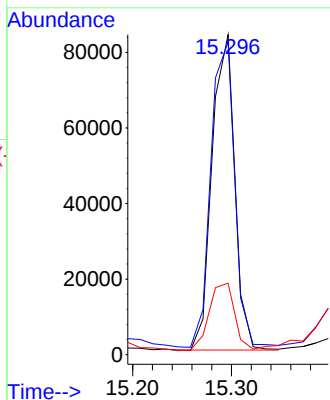
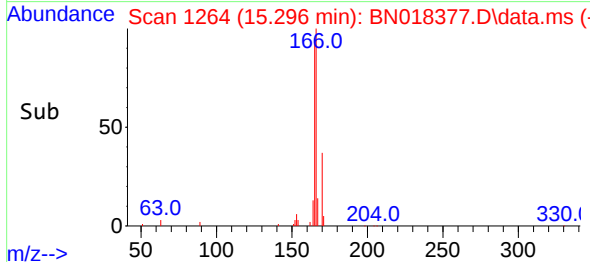
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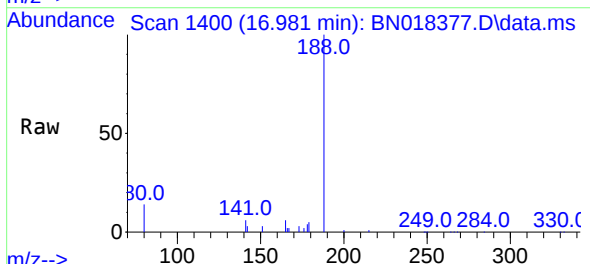
Tgt Ion:166 Resp: 13307
Ion Ratio Lower Upper
166 100
165 100.7 77.8 116.6
167 24.2 10.9 16.3

Manual Integrations
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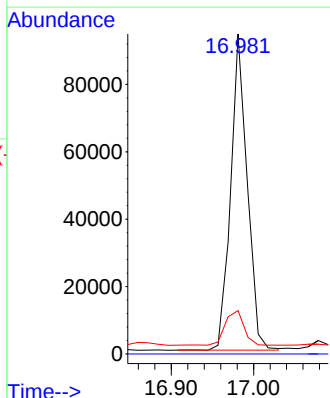
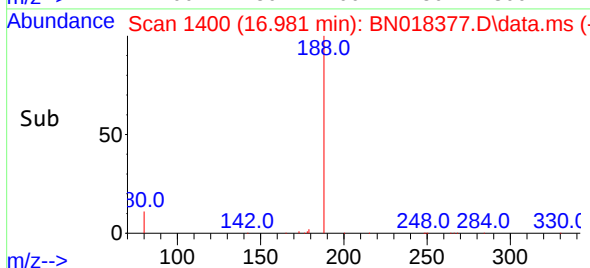
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

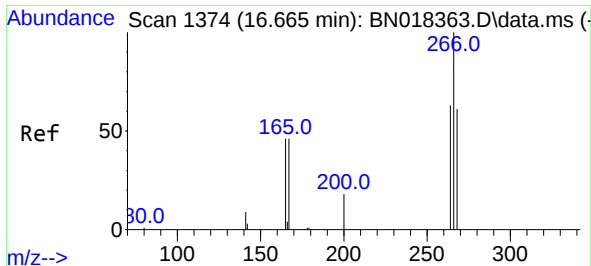


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.981 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40



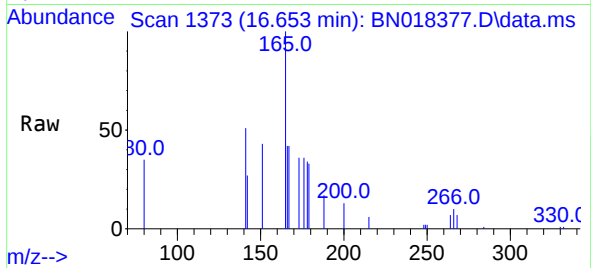
Tgt Ion:188 Resp: 131155
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 7.0 10.4





#24
Pentachlorophenol
Concen: 0.37 ng
RT: 16.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

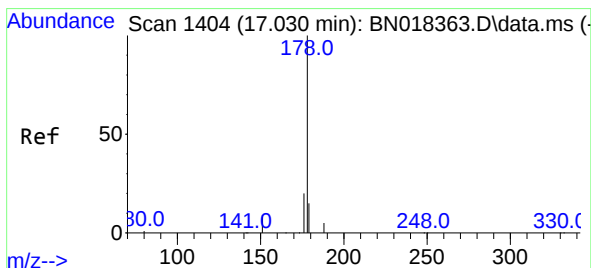
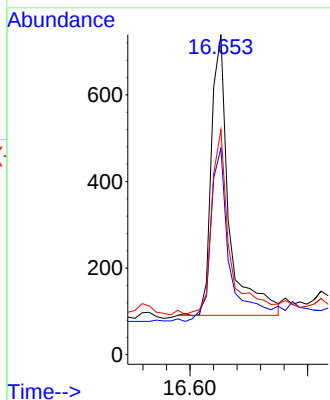
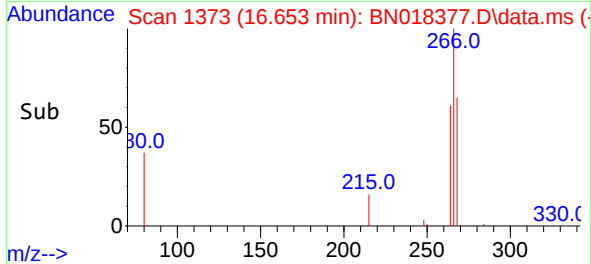
Instrument :
BNA_N
ClientSampleId :
DUP122121



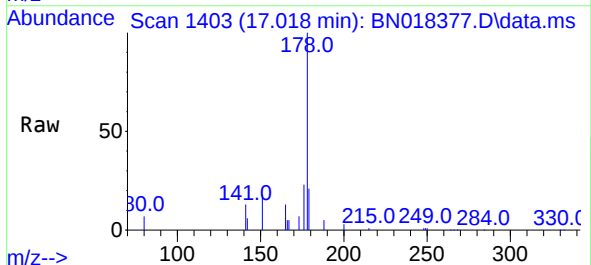
Tgt Ion:266 Resp: 135
Ion Ratio Lower Upper
266 100
264 65.9 49.5 74.3
268 67.8 50.6 76.0

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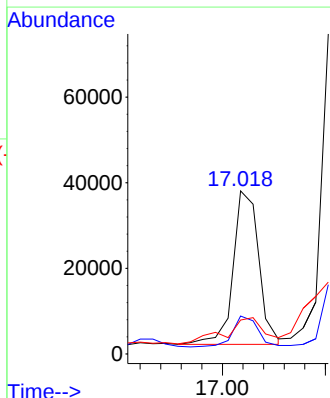
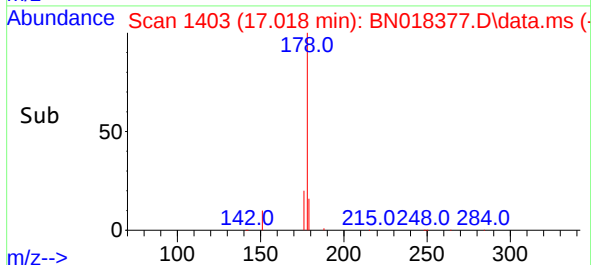
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

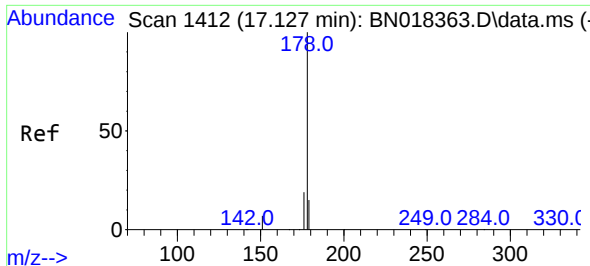


#25
Phenanthrene
Concen: 0.17 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40



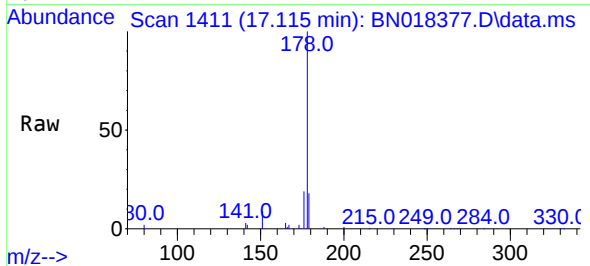
Tgt Ion:178 Resp: 62149
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 25.8 12.3 18.5#





#26
 Anthracene
 Concen: 0.68 ng
 RT: 17.115 min Scan# 1412
 Delta R.T. 0.000 min
 Lab File: BN018377.D
 Acq: 10 Jan 2022 12:40

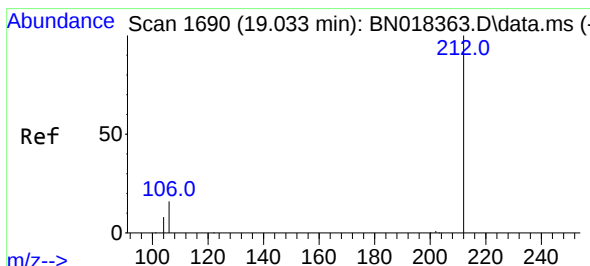
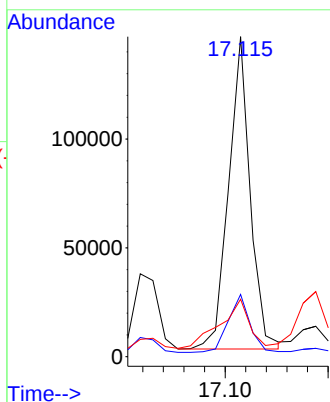
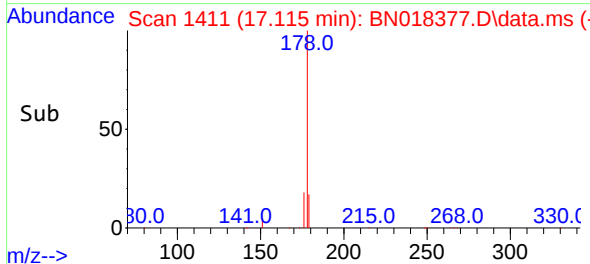
Instrument :
 BNA_N
 ClientSampleId :
 DUP122121



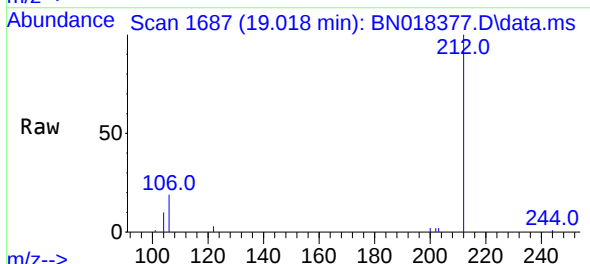
Tgt Ion:178 Resp: 208434
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.8 22.2
 179 21.6 12.2 18.4

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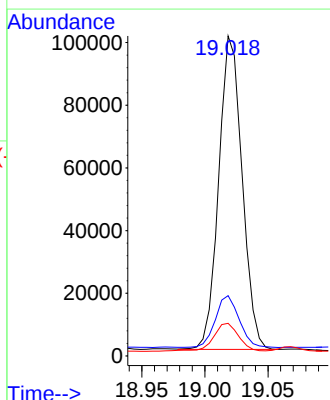
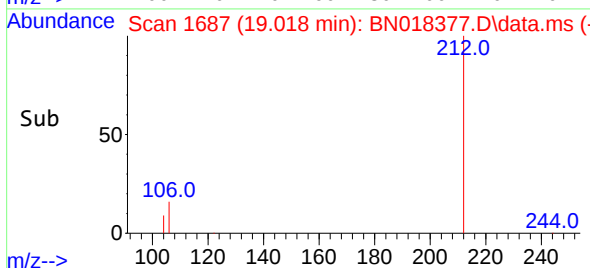
Reviewed By :Christian Giraldo 01/11/2022
 Supervised By :Jagrut Upadhyay 01/11/2022

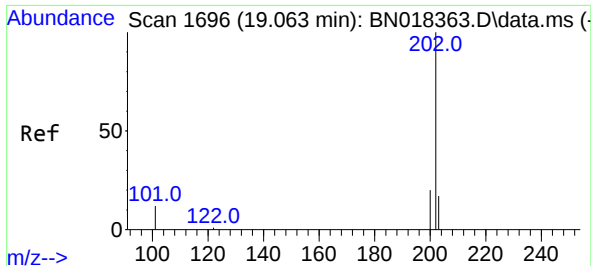


#27
 Fluoranthene-d10
 Concen: 0.34 ng
 RT: 19.018 min Scan# 1687
 Delta R.T. -0.005 min
 Lab File: BN018377.D
 Acq: 10 Jan 2022 12:40



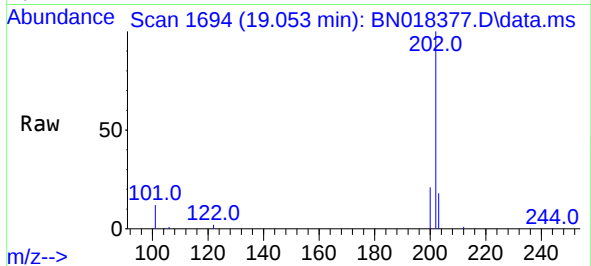
Tgt Ion:212 Resp: 128767
 Ion Ratio Lower Upper
 212 100
 106 16.8 8.4 12.6#
 104 9.8 4.5 6.7#





#28
Fluoranthene
Concen: 1.26 ng
RT: 19.053 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

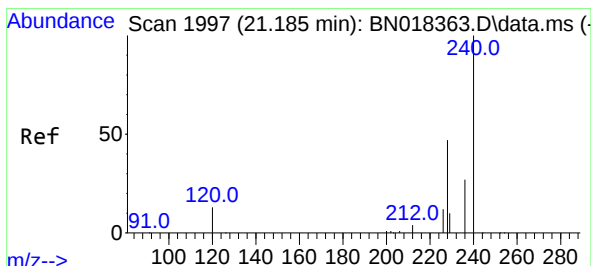
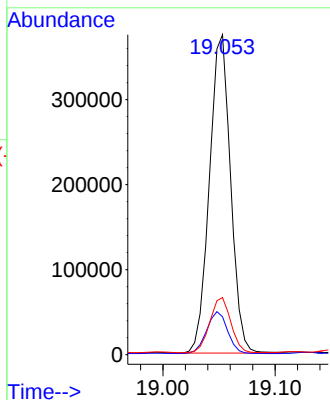
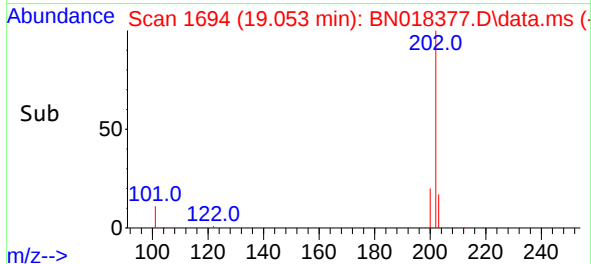
Instrument :
BNA_N
ClientSampleId :
DUP122121



Tgt Ion:202 Resp: 491708
Ion Ratio Lower Upper
202 100
101 13.0 7.2 10.8
203 17.2 13.7 20.5

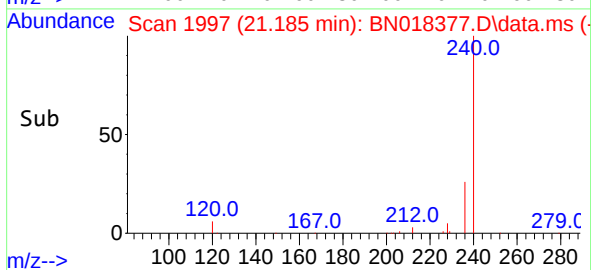
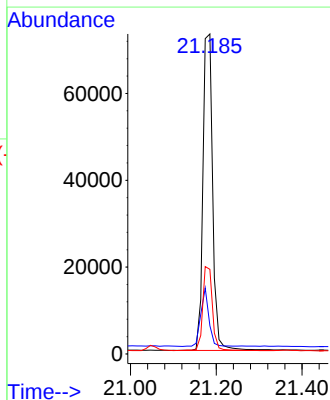
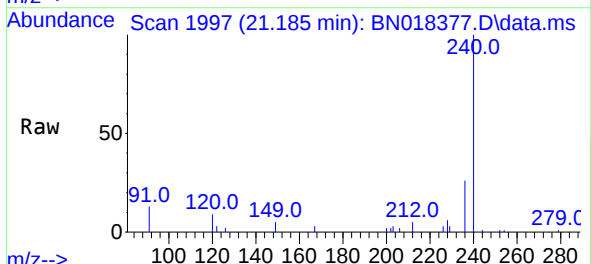
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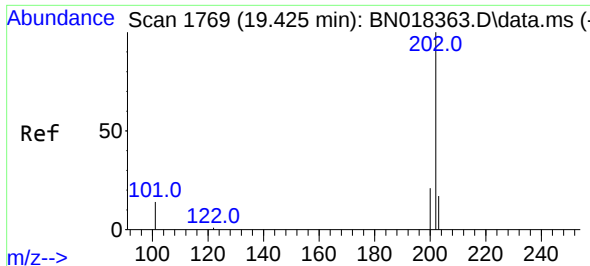
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

Tgt Ion:240 Resp: 114911
Ion Ratio Lower Upper
240 100
120 8.9 6.0 9.0
236 26.5 21.4 32.2





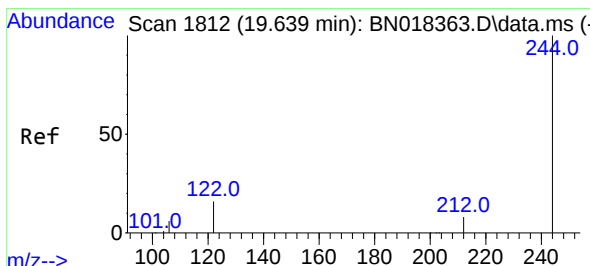
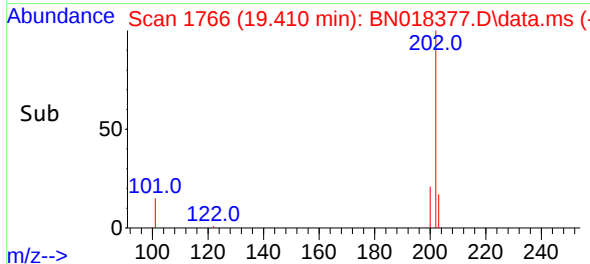
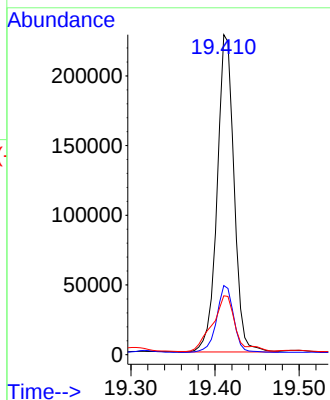
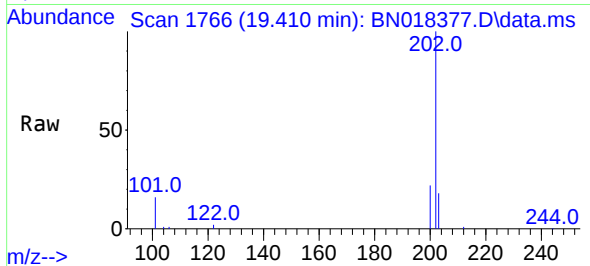
#30
Pyrene
Concen: 0.78 ng
RT: 19.410 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
DUP122121

Tgt Ion:202 Resp: 316195
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 23.8 14.1 21.1

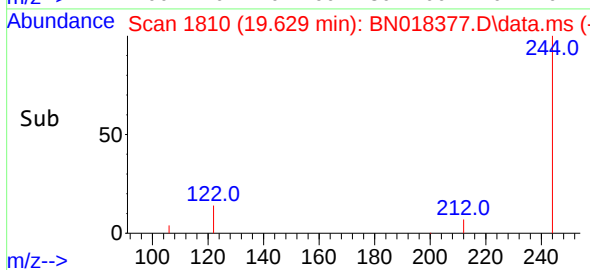
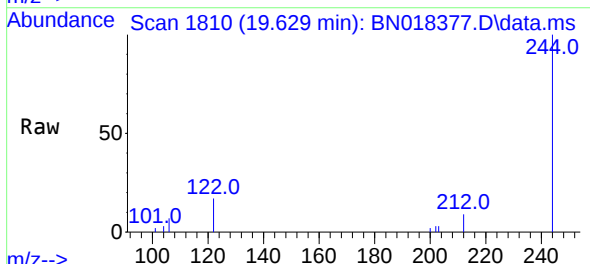
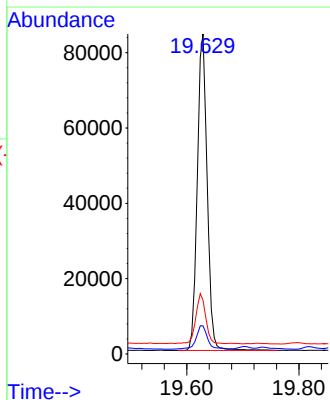
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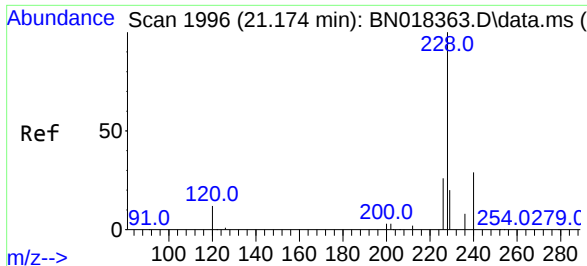
Reviewed By :Christian Giraldo 01/11/2022
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#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.629 min Scan# 1810
Delta R.T. -0.005 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

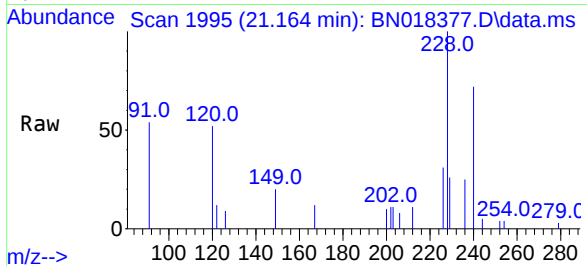
Tgt Ion:244 Resp: 102695
Ion Ratio Lower Upper
244 100
212 8.8 6.2 9.2
122 16.8 7.9 11.9





#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

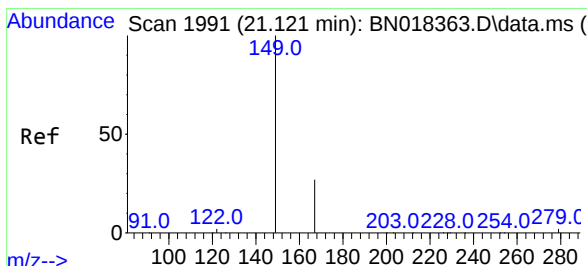
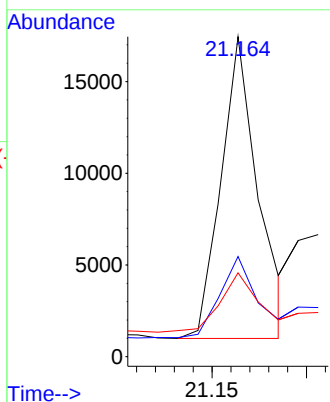
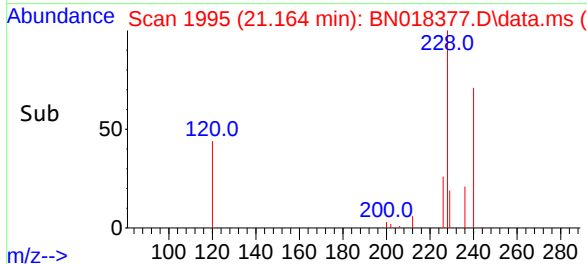
Instrument :
BNA_N
ClientSampleId :
DUP122121



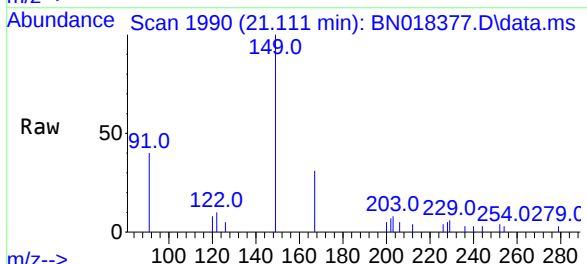
Tgt Ion:228 Resp: 2241
Ion Ratio Lower Upper
228 100
226 31.3 21.3 31.9
229 26.2 15.9 23.9

Manual Integrations
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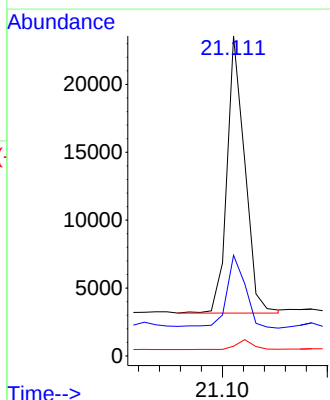
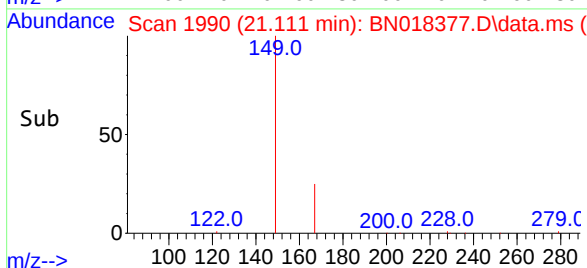
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

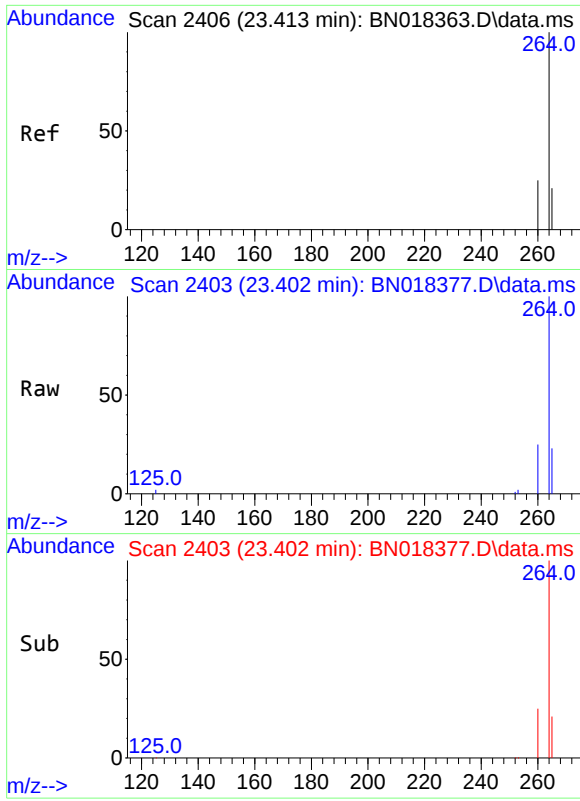


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.111 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40



Tgt Ion:149 Resp: 23948
Ion Ratio Lower Upper
149 100
167 28.0 23.7 35.5
279 3.6 3.6 5.4





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.402 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN018377.D
Acq: 10 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
DUP122121

Tgt Ion:264 Resp: 11711
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.4
265 23.5 18.2 27.2

Manual Integrations
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Supervised By :Jagrut Upadhyay 01/11/2022

