

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021747.D
 Acq On : 14 Sep 2022 15:02
 Operator : CG/JU
 Sample : N4549-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-59

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/15/2022
 Supervised By : Jagrut Upadhyay 09/15/2022

Quant Time: Sep 15 02:10:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	5780	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	19542	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	13387	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	25570	0.400	ng	0.00
29) Chrysene-d12	21.647	240	19641	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	15514	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2715	0.180	ng	0.00
5) Phenol-d6	7.209	99	2063	0.108	ng	0.00
8) Nitrobenzene-d5	9.233	82	5940m	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.471	152	15443	0.313	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2794	0.457	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	21265	0.389	ng	0.00
27) Fluoranthene-d10	19.490	212	31874	0.463	ng	0.00
31) Terphenyl-d14	20.080	244	22014	0.490	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.771	154	25747	0.589	ng	99
28) Fluoranthene	19.519	202	354178	3.830	ng	100
30) Pyrene	19.882	202	463385	4.751	ng	# 93
32) Benzo(a)anthracene	21.629	228	9053m	0.120	ng	
33) Chrysene	21.665	228	6422m	0.082	ng	
34) Bis(2-ethylhexyl)phtha...	21.540	149	7112	0.141	ng	# 97

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

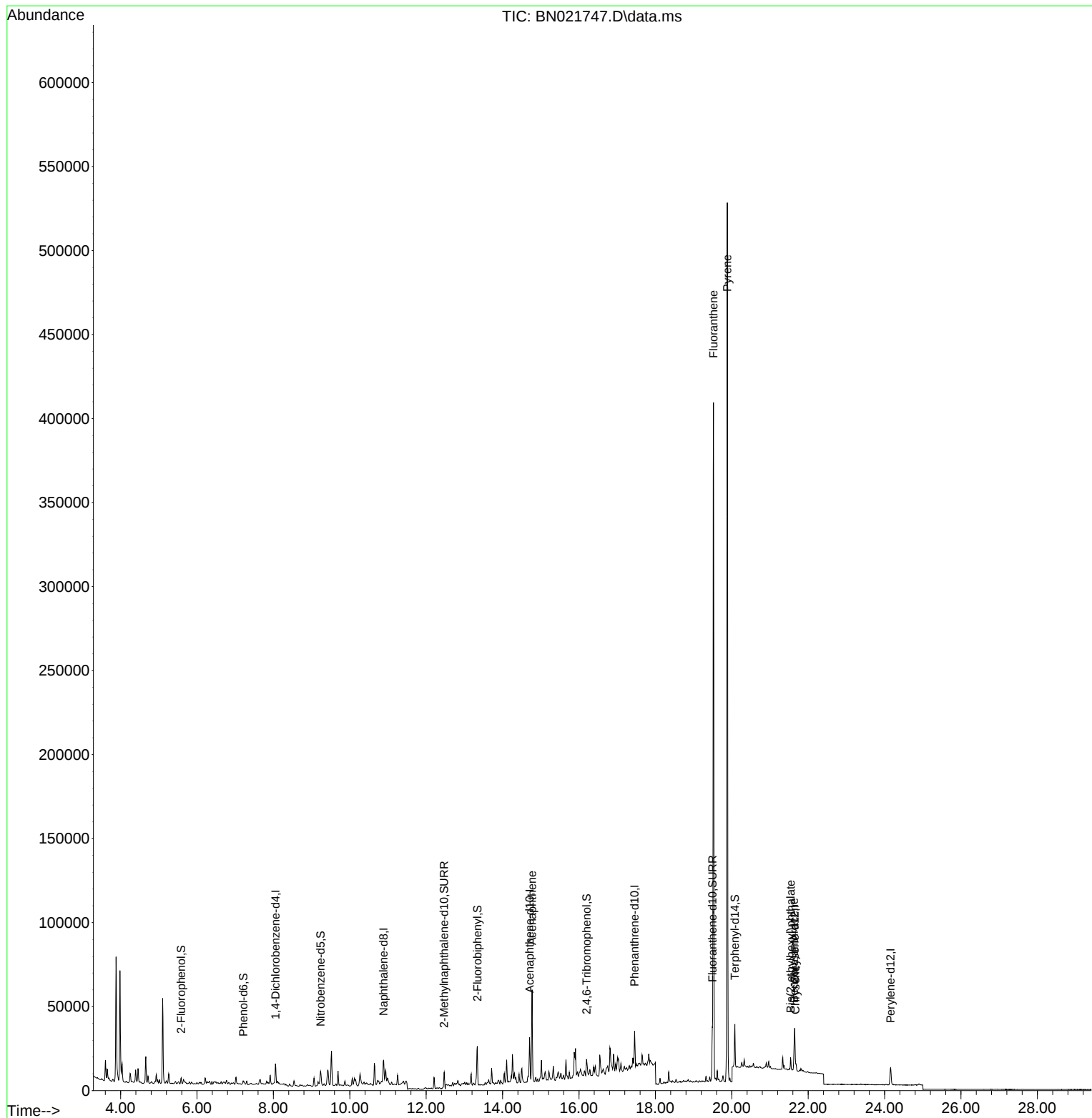
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021747.D
Acq On : 14 Sep 2022 15:02
Operator : CG/JU
Sample : N4549-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

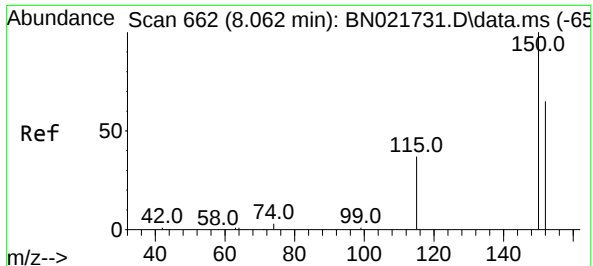
Instrument :
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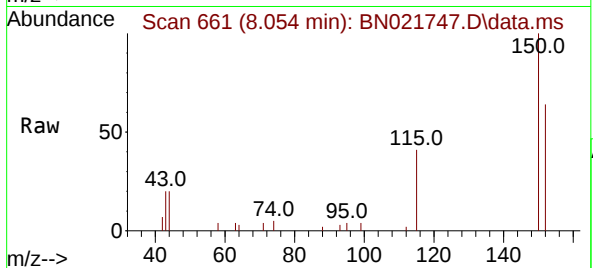
Quant Time: Sep 15 02:10:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 662
Delta R.T. -0.008 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

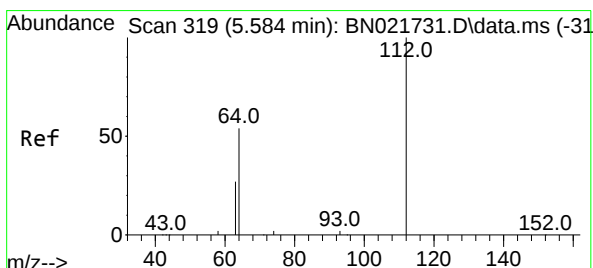
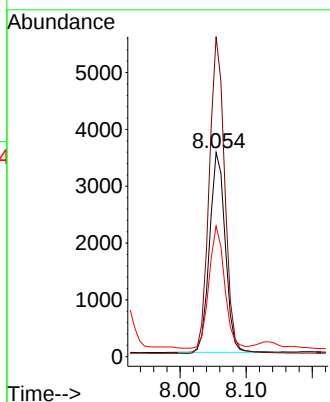
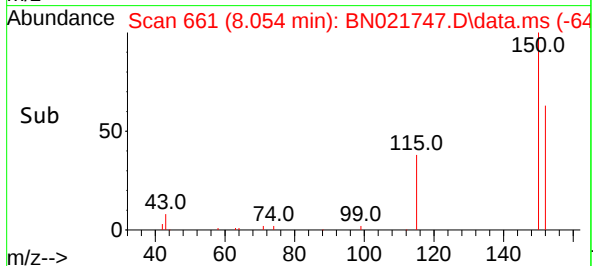
Instrument :
BNA_N
ClientSampleId :
MW-59



Tgt Ion:152 Resp: 5780
Ion Ratio Lower Upper
152 100
150 156.7 121.8 182.8
115 64.1 48.3 72.5

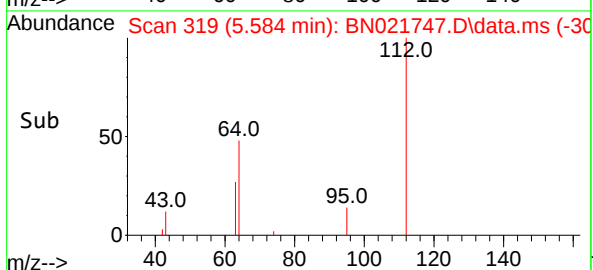
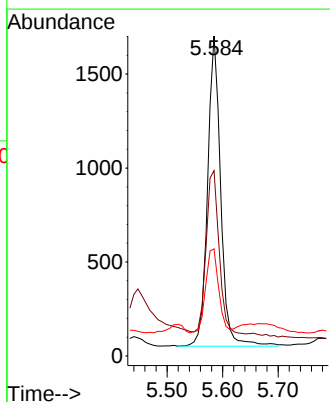
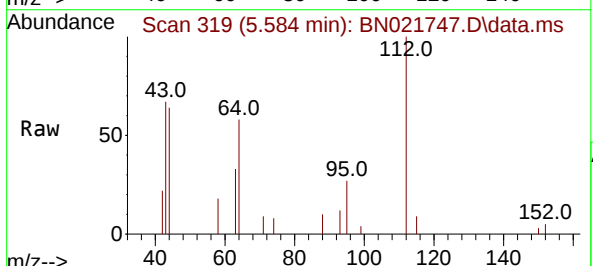
Manual Integrations
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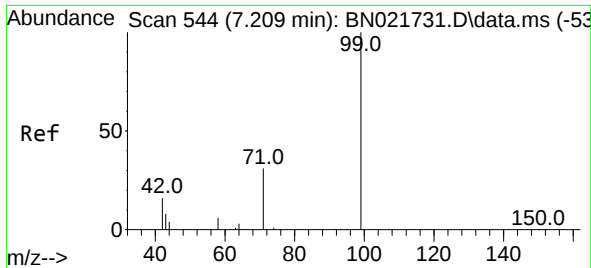
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

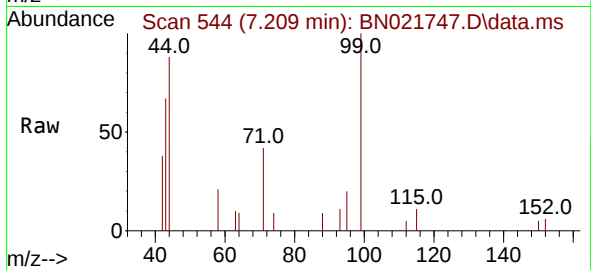
Tgt Ion:112 Resp: 2715
Ion Ratio Lower Upper
112 100
64 56.5 45.4 68.2
63 26.8 23.3 34.9





#5
Phenol-d6
Concen: 0.108 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

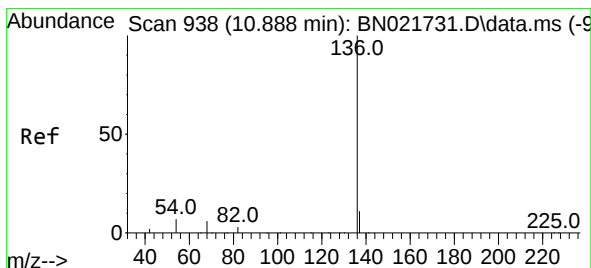
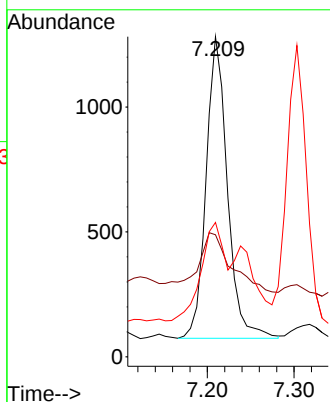
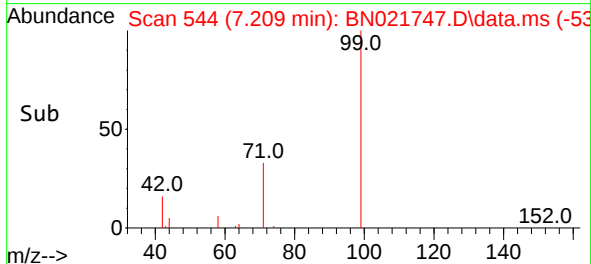
Instrument :
BNA_N
ClientSampleId :
MW-59



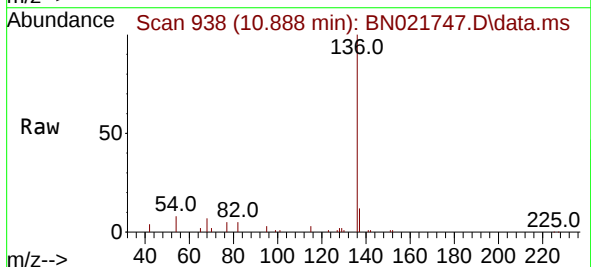
Tgt Ion: 99 Resp: 2063
Ion Ratio Lower Upper
99 100
42 29.7 15.1 22.7
71 36.4 25.3 37.9

Manual Integrations
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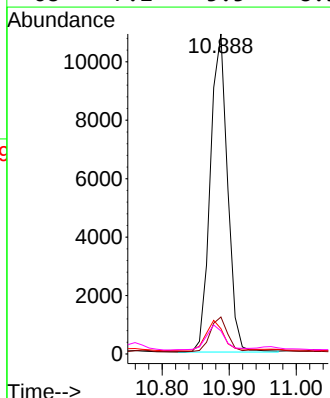
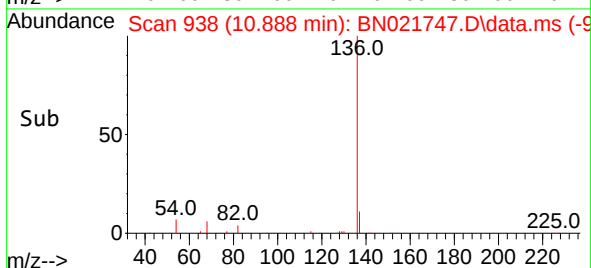
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

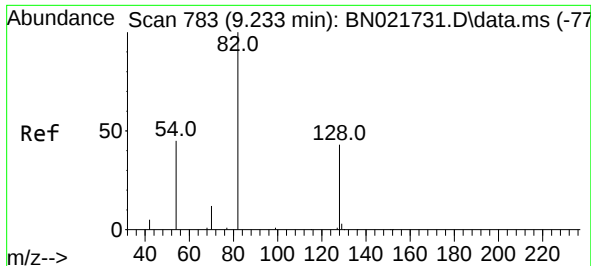


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02



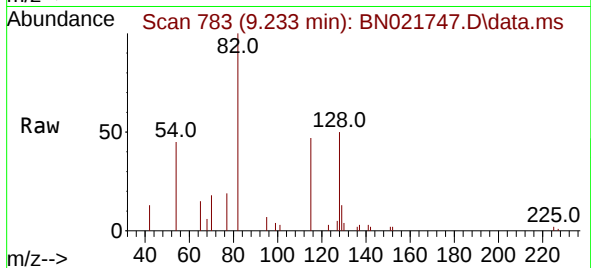
Tgt Ion:136 Resp: 19542
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.9 6.4 9.6
68 7.2 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.368 ng m
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

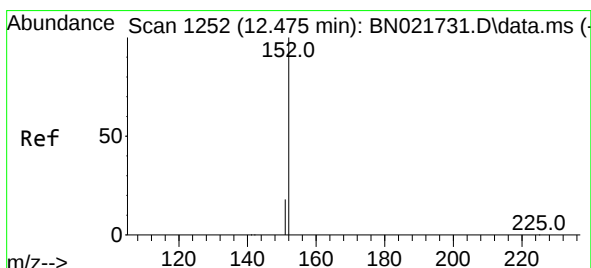
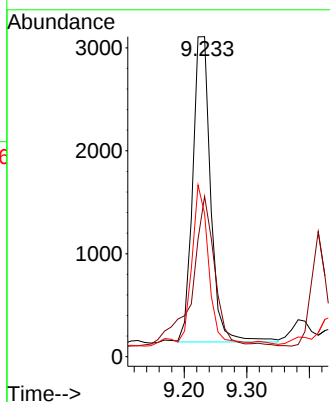
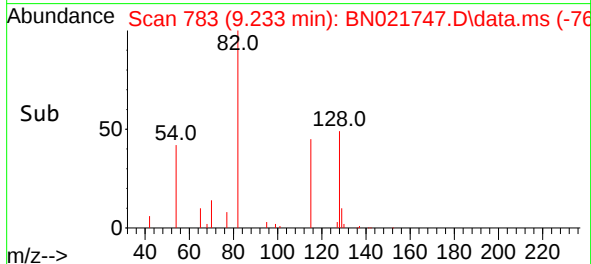
Instrument :
BNA_N
ClientSampleId :
MW-59



Tgt Ion: 82 Resp: 5940
Ion Ratio Lower Upper
82 100
128 50.1 35.6 53.4
54 44.7 37.8 56.8

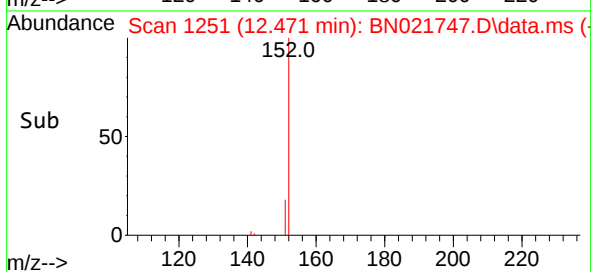
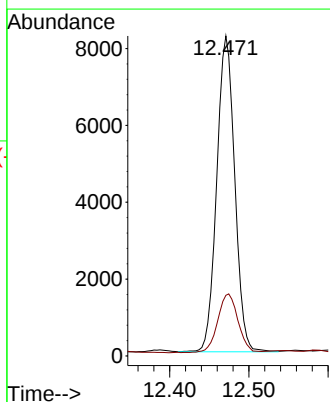
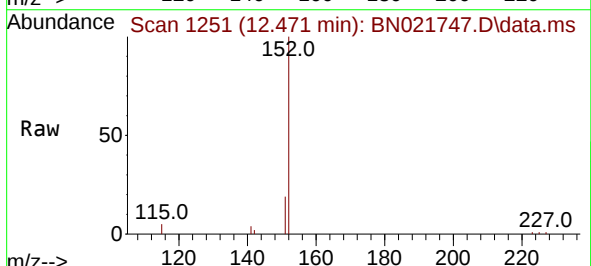
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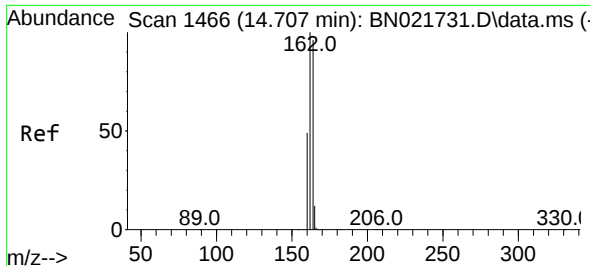
Reviewed By :Christian Giraldo 09/15/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

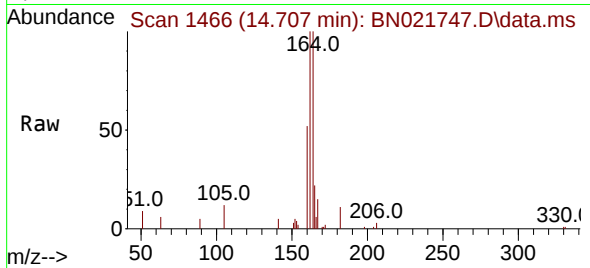
Tgt Ion:152 Resp: 15443
Ion Ratio Lower Upper
152 100
151 18.8 15.6 23.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

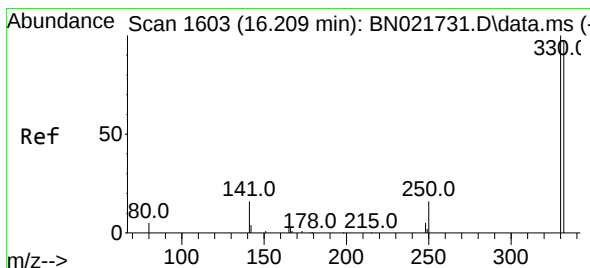
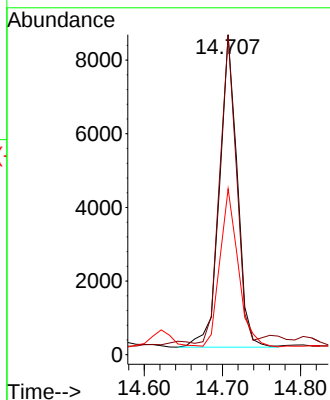
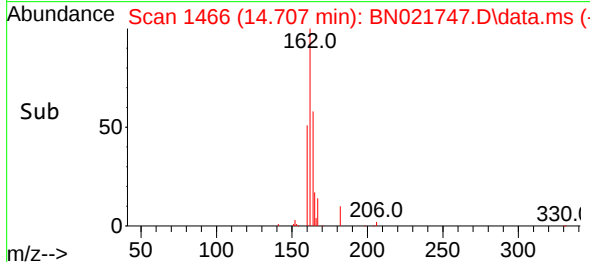
Instrument :
BNA_N
ClientSampleId :
MW-59



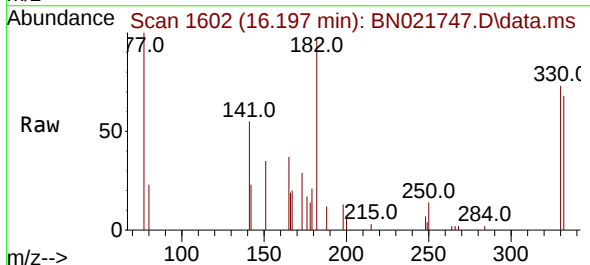
Tgt Ion:164 Resp: 1338
Ion Ratio Lower Upper
164 100
162 99.8 83.2 124.8
160 51.8 40.9 61.3

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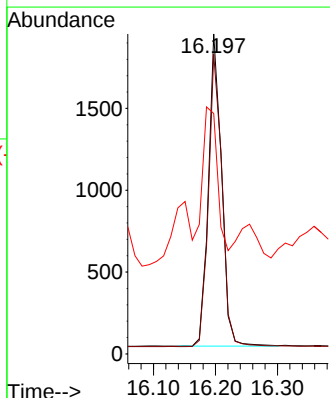
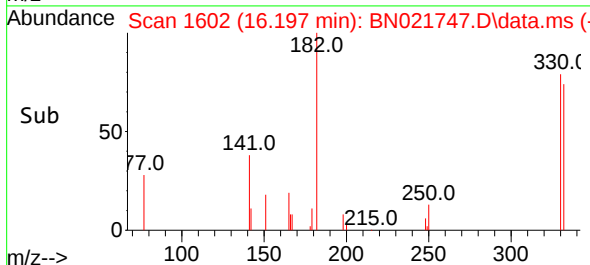
Reviewed By :Christian Giraldo 09/15/2022
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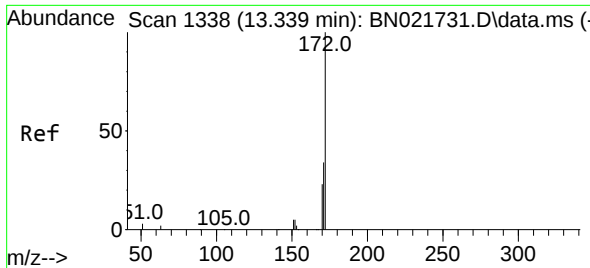


#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02



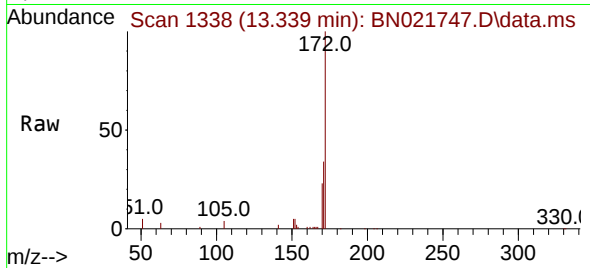
Tgt Ion:330 Resp: 2794
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 50.1 37.2 55.8





#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

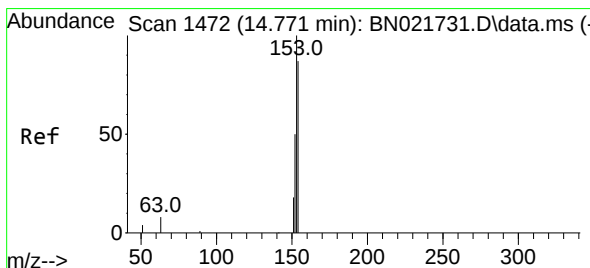
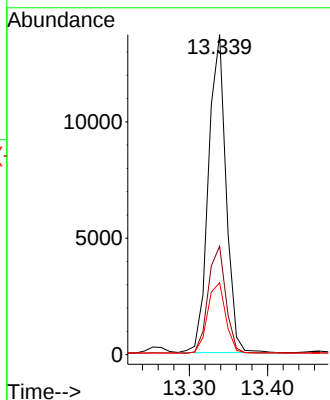
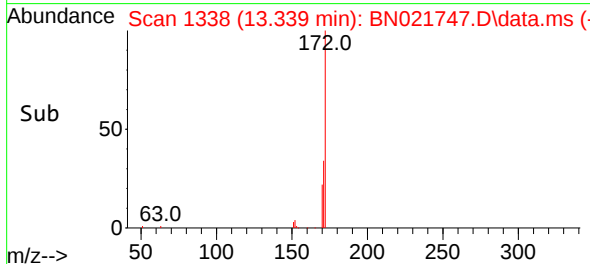
Instrument :
BNA_N
ClientSampleId :
MW-59



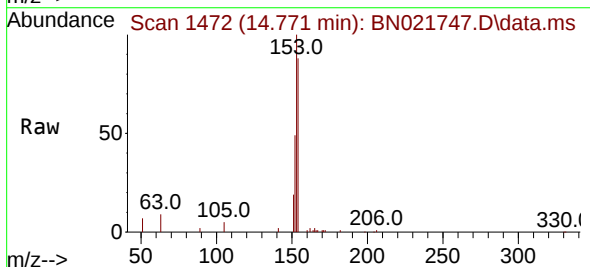
Tgt Ion:172 Resp: 21268
Ion Ratio Lower Upper
172 100
171 33.9 27.7 41.5
170 22.5 18.8 28.2

Manual Integrations
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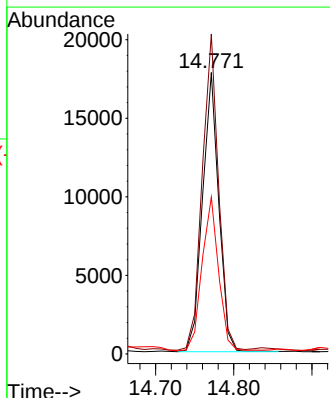
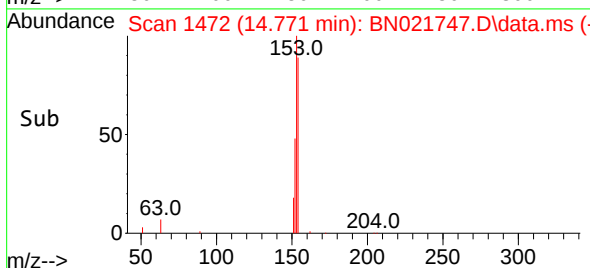
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

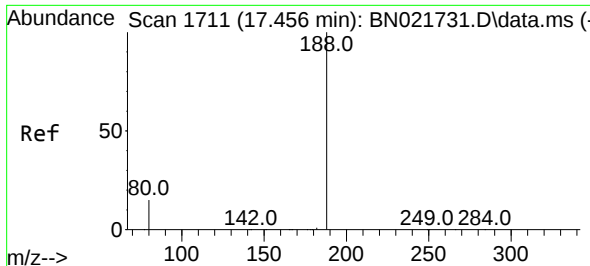


#17
Acenaphthene
Concen: 0.589 ng
RT: 14.771 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02



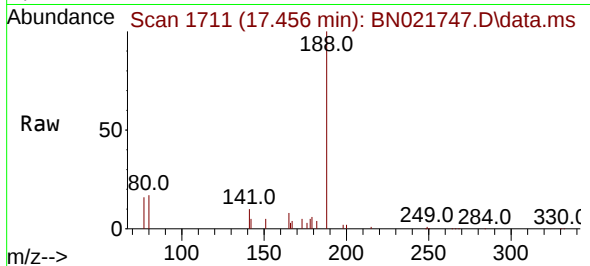
Tgt Ion:154 Resp: 25747
Ion Ratio Lower Upper
154 100
153 113.1 91.0 136.4
152 55.8 46.0 69.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

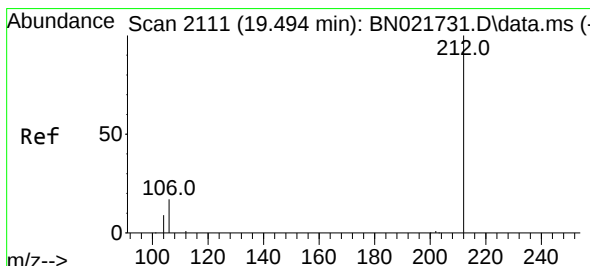
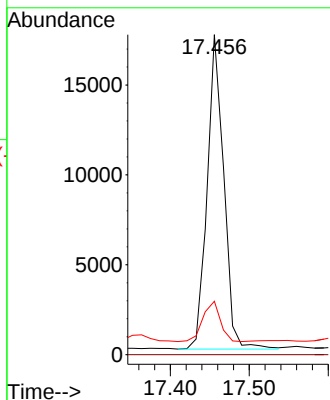
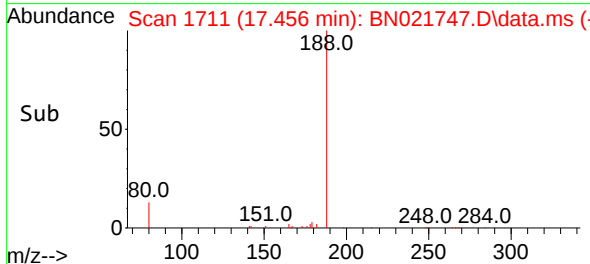
Instrument :
BNA_N
ClientSampleId :
MW-59



Tgt Ion:188 Resp: 25570
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.7 12.6 19.0

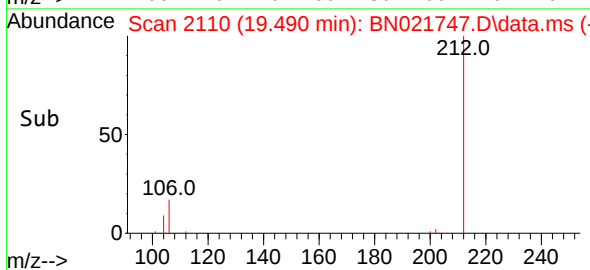
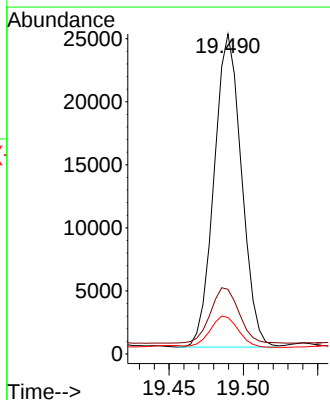
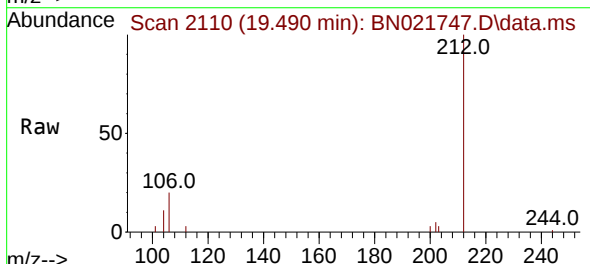
Manual Integrations
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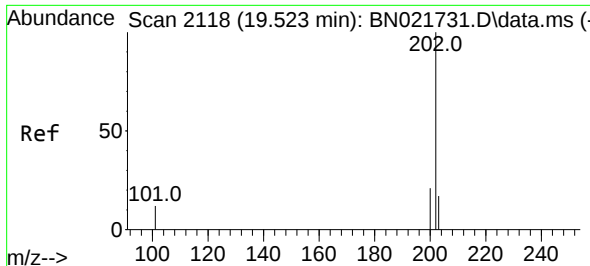
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#27
Fluoranthene-d10
Concen: 0.463 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

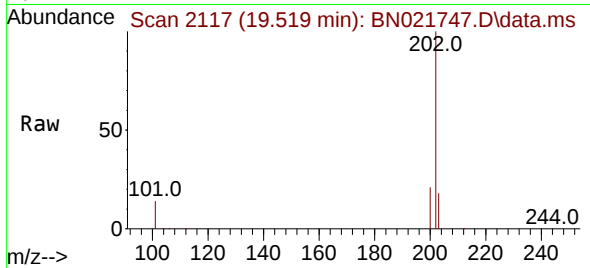
Tgt Ion:212 Resp: 31874
Ion Ratio Lower Upper
212 100
106 18.4 14.3 21.5
104 10.3 8.0 12.0





#28
Fluoranthene
Concen: 3.830 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

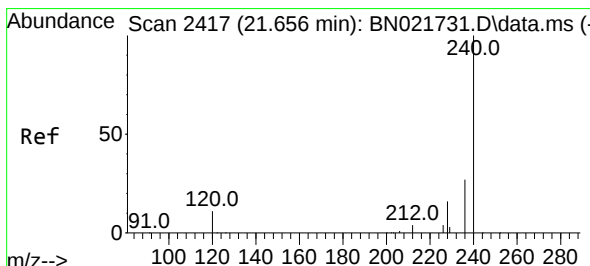
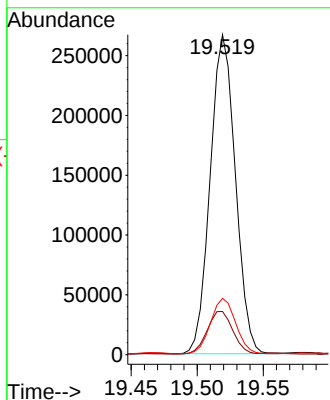
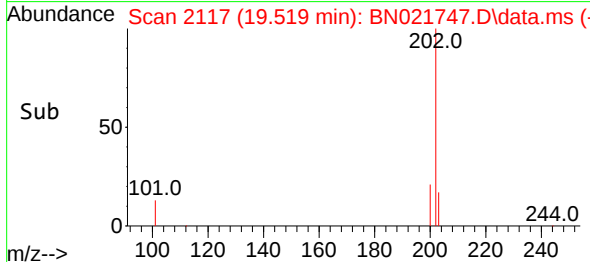
Instrument :
BNA_N
ClientSampleId :
MW-59



Tgt Ion:202 Resp: 354178
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
203 17.2 13.7 20.5

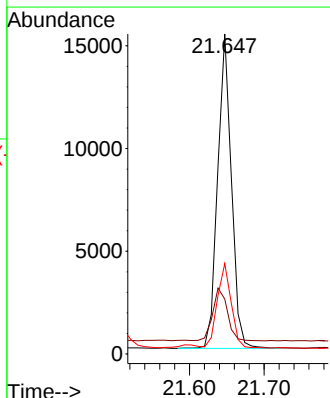
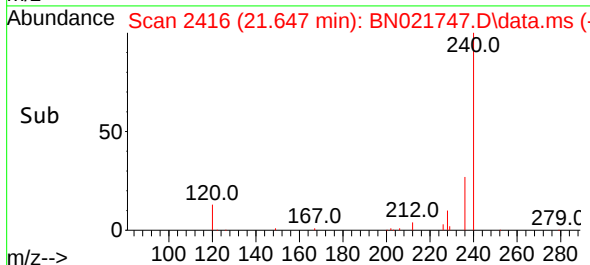
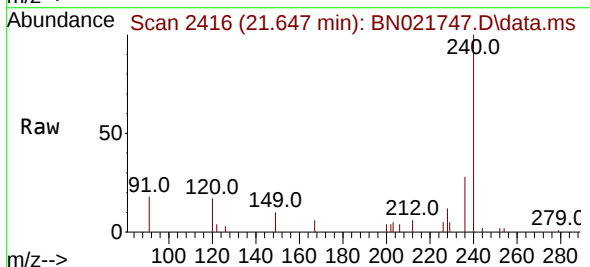
Manual Integrations
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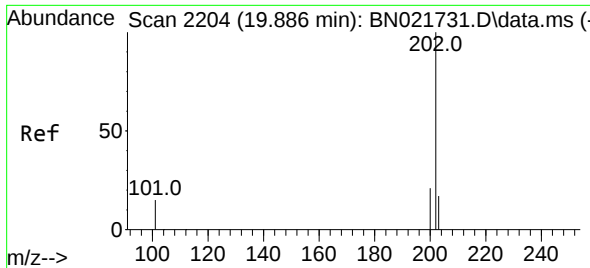
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

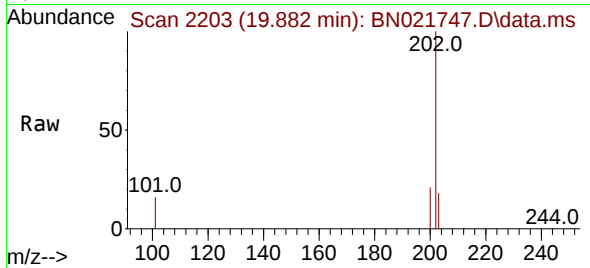
Tgt Ion:240 Resp: 19641
Ion Ratio Lower Upper
240 100
120 17.1 9.8 14.8#
236 28.3 22.2 33.4





#30
Pyrene
Concen: 4.751 ng
RT: 19.882 min Scan# 2203
Delta R.T. -0.004 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

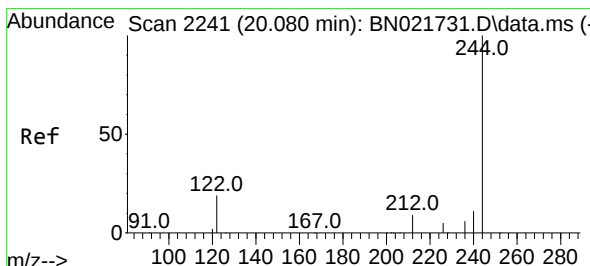
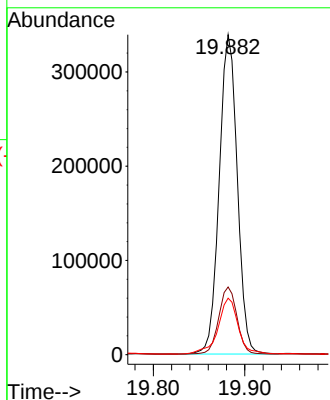
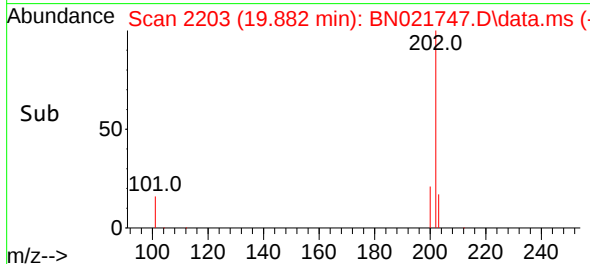
Instrument :
BNA_N
ClientSampleId :
MW-59



Tgt Ion:202 Resp: 46338
Ion Ratio Lower Upper
202 100
200 21.1 15.0 22.4
203 19.4 12.8 19.2

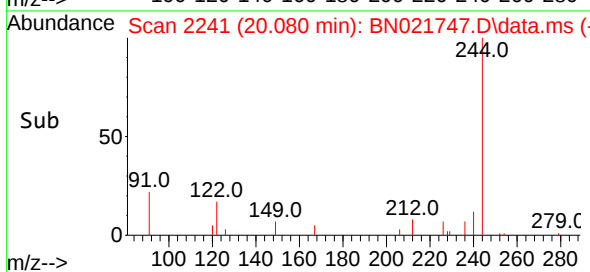
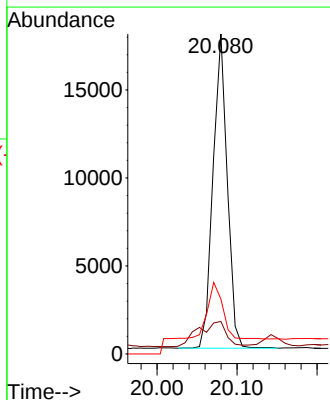
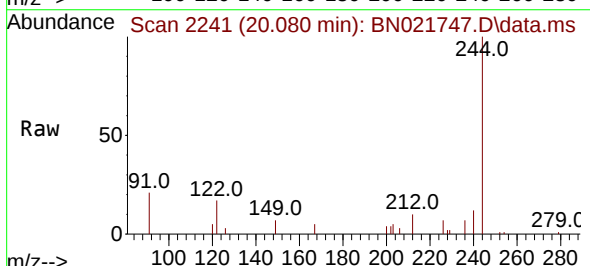
Manual Integrations
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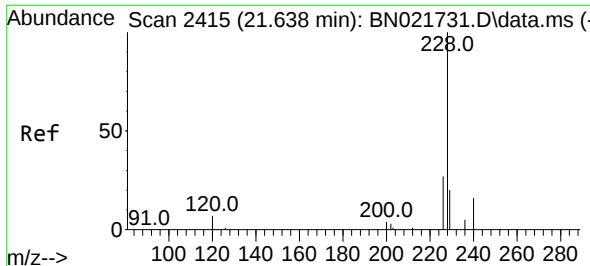
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#31
Terphenyl-d14
Concen: 0.490 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

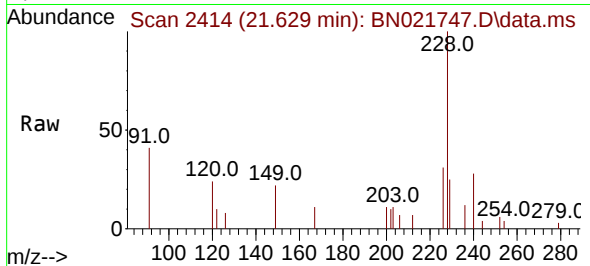
Tgt Ion:244 Resp: 22014
Ion Ratio Lower Upper
244 100
212 10.2 7.9 11.9
122 17.1 15.8 23.8





#32
Benzo(a)anthracene
Concen: 0.120 ng m
RT: 21.629 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

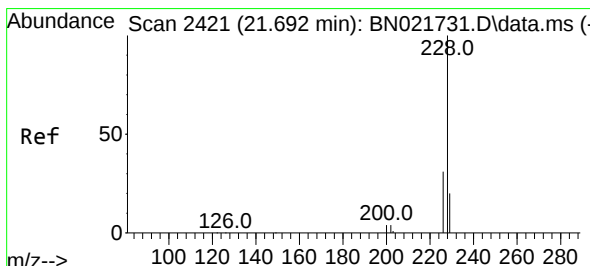
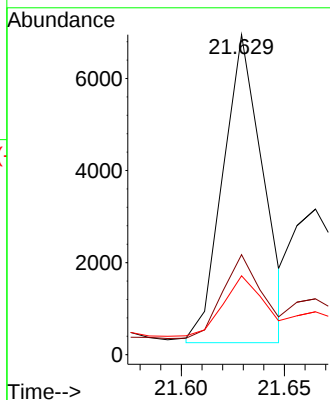
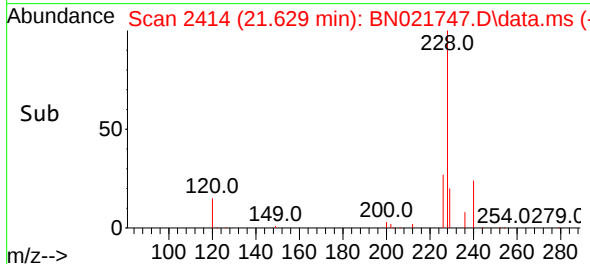
Instrument :
BNA_N
ClientSampleId :
MW-59



Tgt Ion:228 Resp: 905
Ion Ratio Lower Upper
228 100
226 31.3 21.5 32.3
229 24.6 15.8 23.8

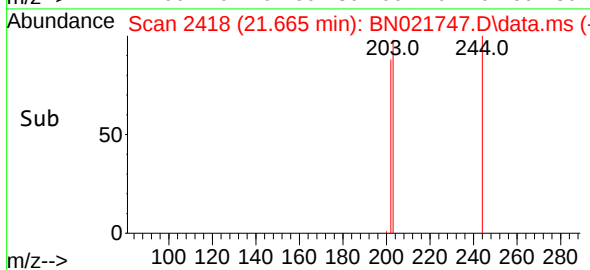
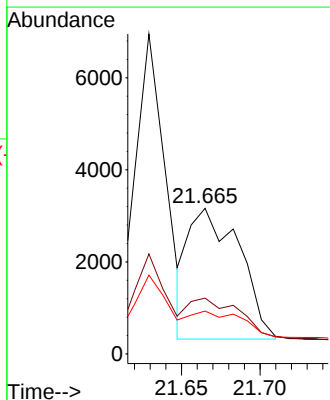
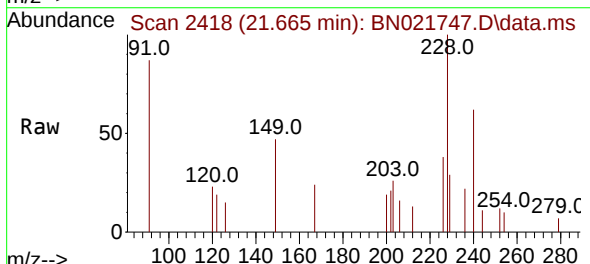
Manual Integrations
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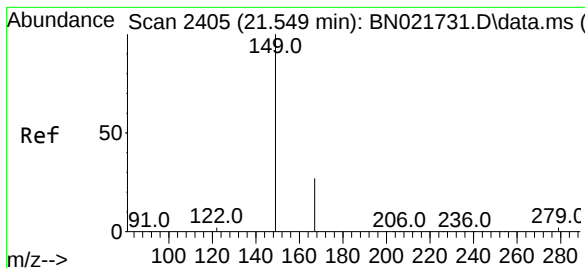
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#33
Chrysene
Concen: 0.082 ng m
RT: 21.665 min Scan# 2418
Delta R.T. -0.027 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

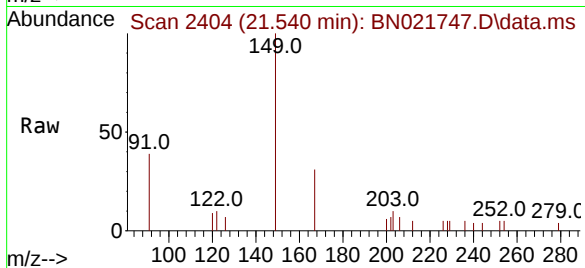
Tgt Ion:228 Resp: 6422
Ion Ratio Lower Upper
228 100
226 38.4 24.5 36.7#
229 29.4 16.0 24.0#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.540 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021747.D
 Acq: 14 Sep 2022 15:02

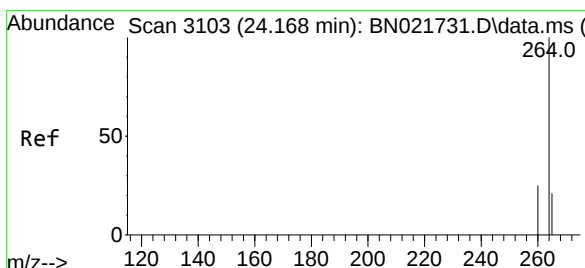
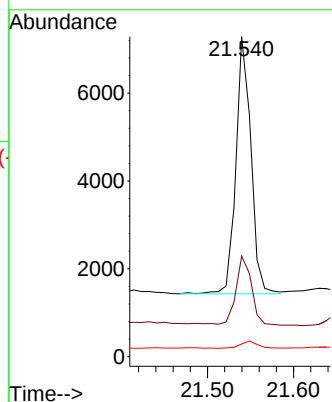
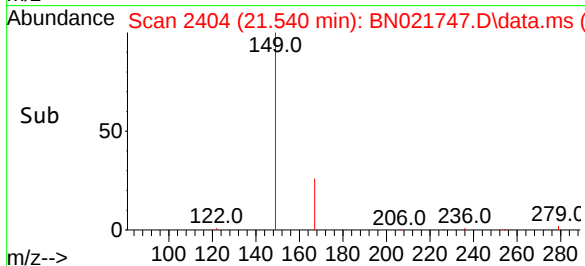
Instrument :
 BNA_N
 ClientSampleId :
 MW-59



Tgt Ion:149 Resp: 7112
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.8 31.2
 279 3.2 2.1 3.1

Manual Integrations
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Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.157 min Scan# 3099
 Delta R.T. -0.012 min
 Lab File: BN021747.D
 Acq: 14 Sep 2022 15:02

Tgt Ion:264 Resp: 15514
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.6 31.0
 265 43.5 34.4 51.6

