

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021755.D
 Acq On : 14 Sep 2022 20:02
 Operator : CG/JU
 Sample : N4549-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-55

Manual Integrations
 APPROVED

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

Quant Time: Sep 15 02:12:37 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	5569	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	19271	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	12580	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	24594	0.400	ng	0.00
29) Chrysene-d12	21.647	240	17311	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	13734	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2372	0.163	ng	0.00
5) Phenol-d6	7.209	99	1887	0.102	ng	0.00
8) Nitrobenzene-d5	9.222	82	5245m	0.329	ng	-0.01
11) 2-Methylnaphthalene-d10	12.471	152	15099	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2284	0.397	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	19141	0.373	ng	0.00
27) Fluoranthene-d10	19.490	212	27361	0.413	ng	0.00
31) Terphenyl-d14	20.080	244	17523	0.443	ng	0.00
Target Compounds						
17) Acenaphthene	14.771	154	4612	0.112	ng	Qvalue 94
18) Fluorene	15.747	166	4721	0.087	ng	# 94
26) Anthracene	17.594	178	4877	0.070	ng	# 83
28) Fluoranthene	19.519	202	13989	0.157	ng	# 97
30) Pyrene	19.882	202	13305	0.155	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.540	149	6771	0.153	ng	# 97

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

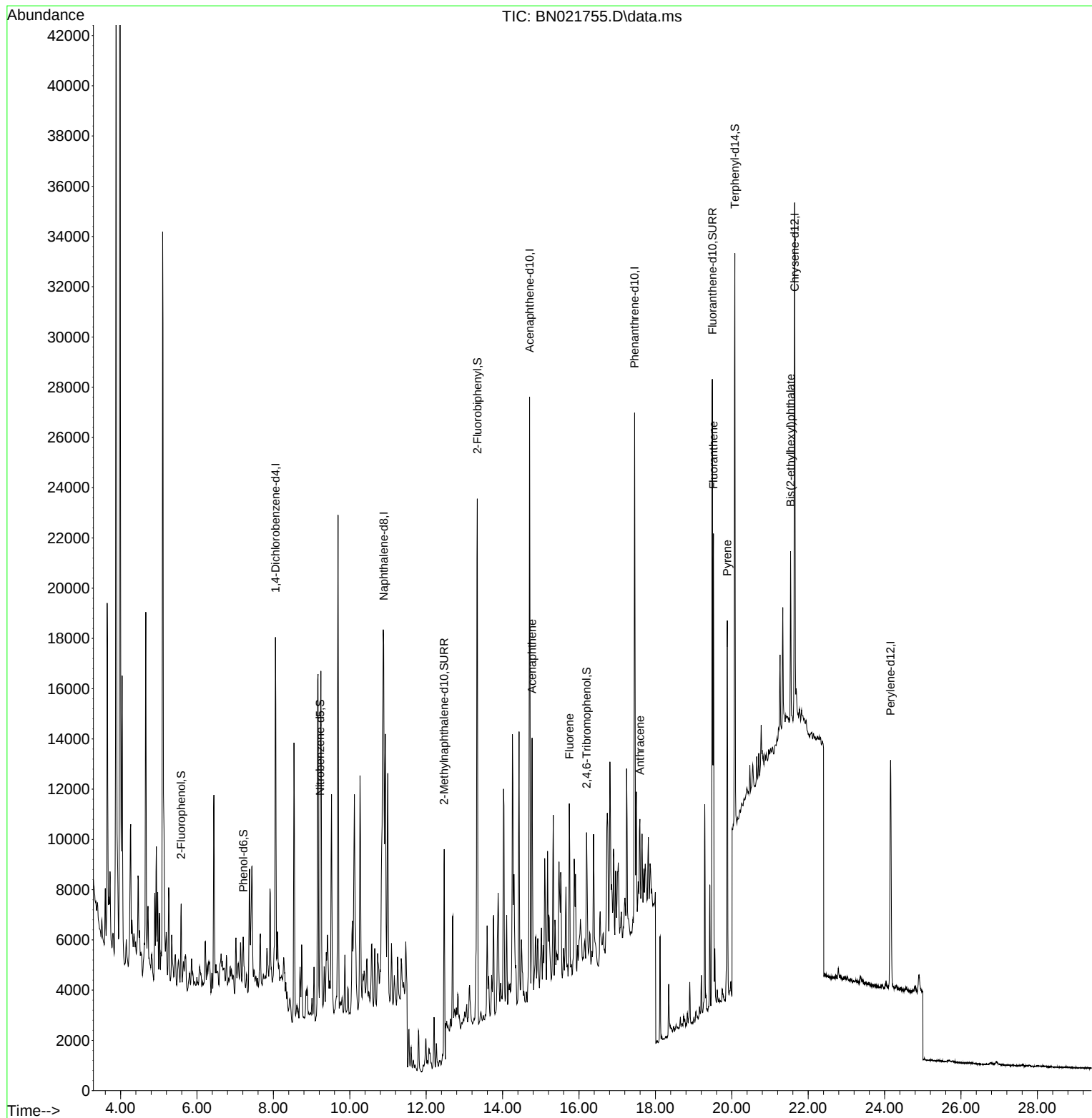
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021755.D
Acq On : 14 Sep 2022 20:02
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Sample : N4549-11
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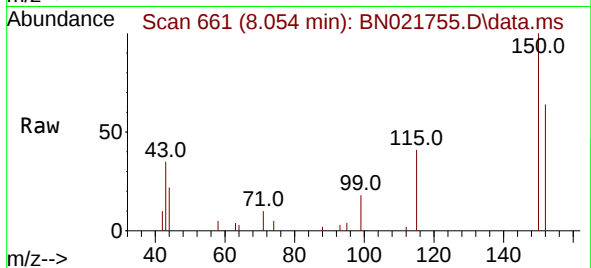
Quant Time: Sep 15 02:12:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 662
Delta R.T. -0.008 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

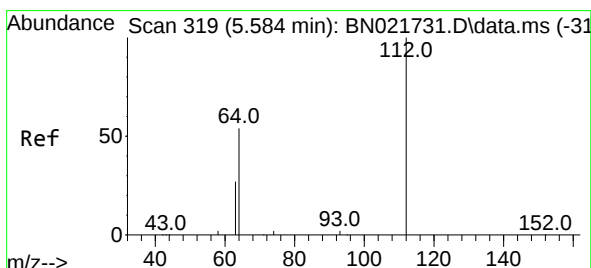
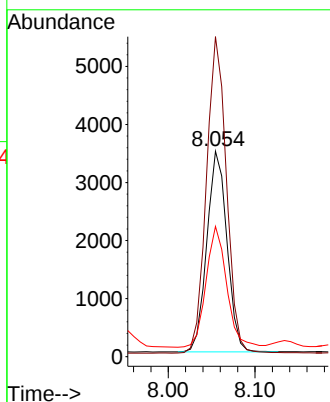
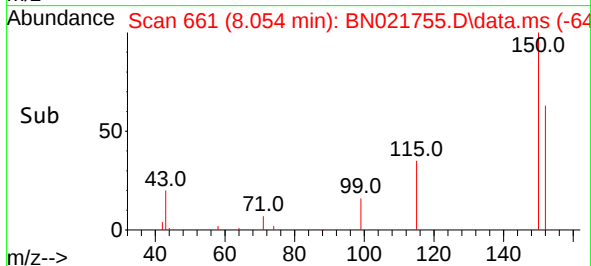
Instrument :
BNA_N
ClientSampleId :
MW-55



Tgt Ion:152 Resp: 5569
Ion Ratio Lower Upper
152 100
150 155.7 121.8 182.8
115 63.4 48.3 72.5

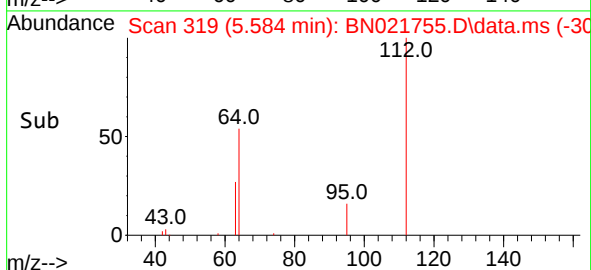
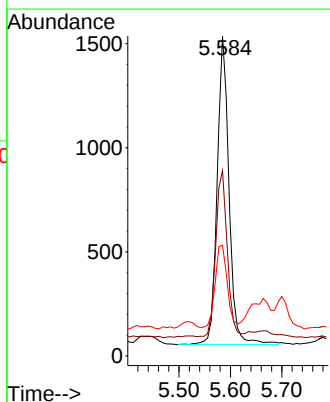
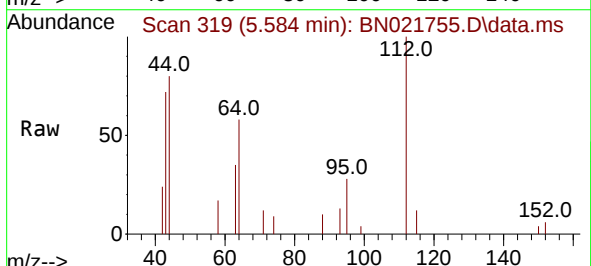
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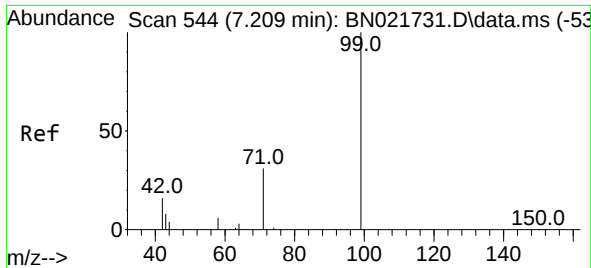
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

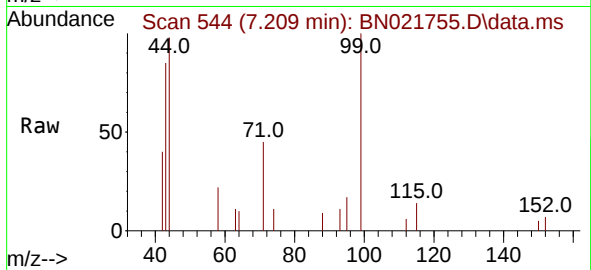
Tgt Ion:112 Resp: 2372
Ion Ratio Lower Upper
112 100
64 52.0 45.4 68.2
63 27.1 23.3 34.9





#5
Phenol-d6
Concen: 0.102 ng
RT: 7.209 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

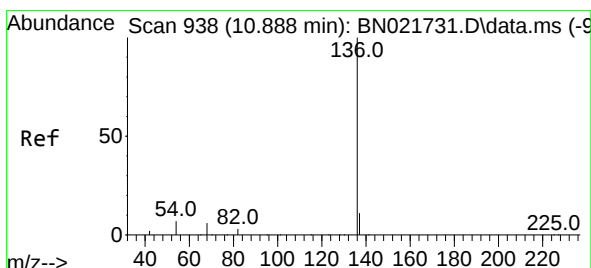
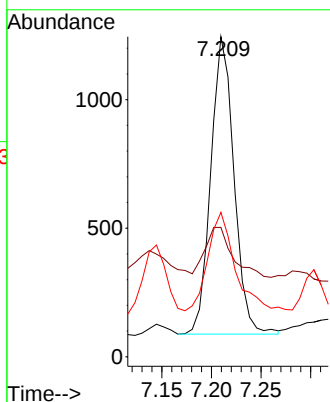
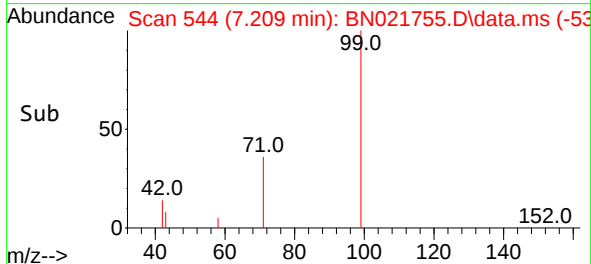
Instrument :
BNA_N
ClientSampleId :
MW-55



Tgt Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.1	22.7
71	43.9	25.3	37.9

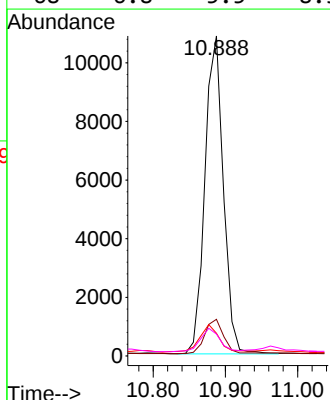
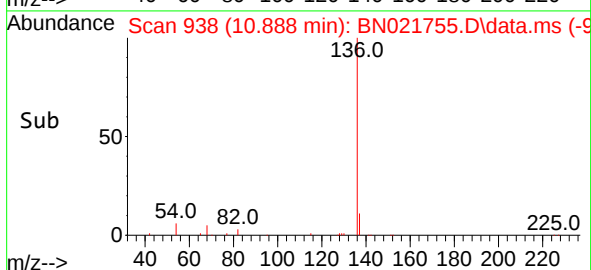
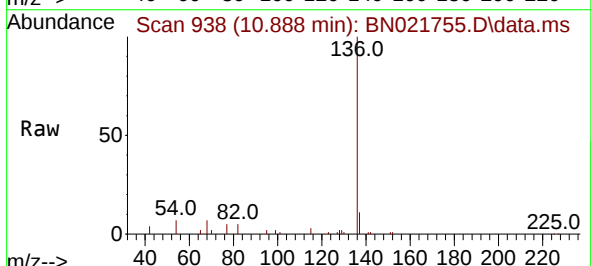
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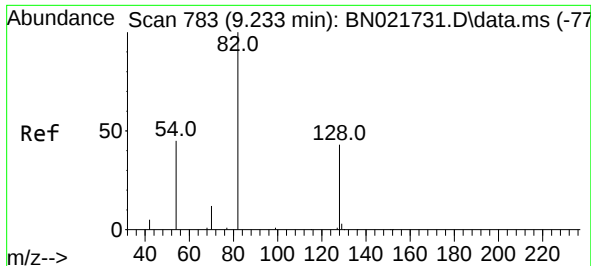
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

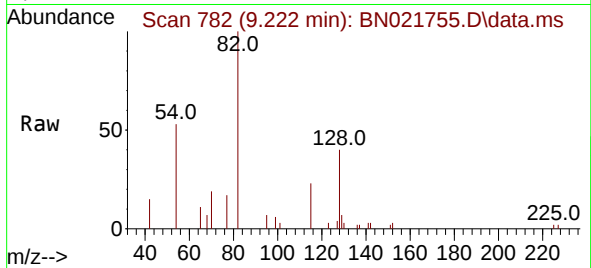
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	6.4	9.6
68	6.8	5.5	8.3





#8
Nitrobenzene-d5
Concen: 0.329 ng m
RT: 9.222 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

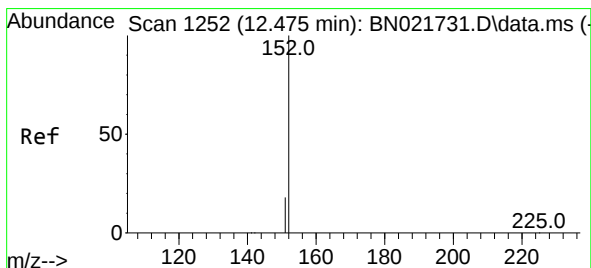
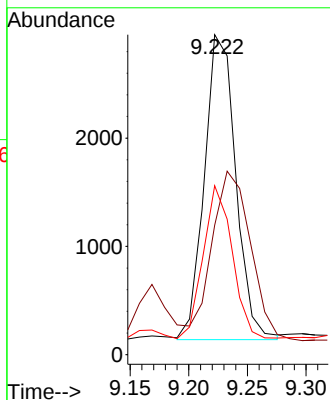
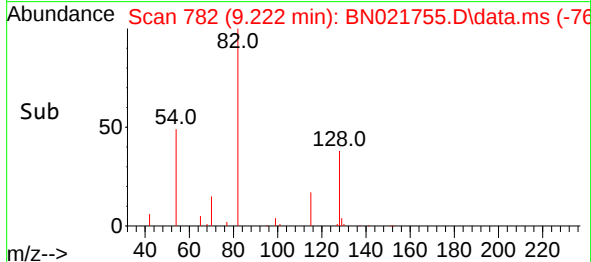
Instrument :
BNA_N
ClientSampleId :
MW-55



Tgt Ion: 82 Resp: 5249
Ion Ratio Lower Upper
82 100
128 40.5 35.6 53.4
54 52.8 37.8 56.8

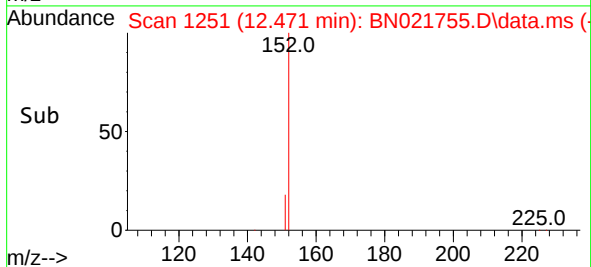
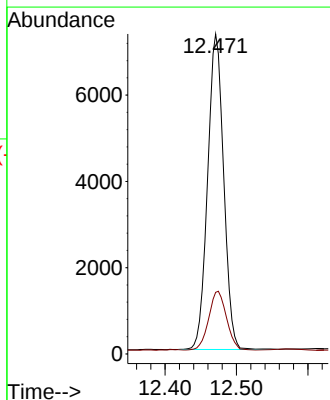
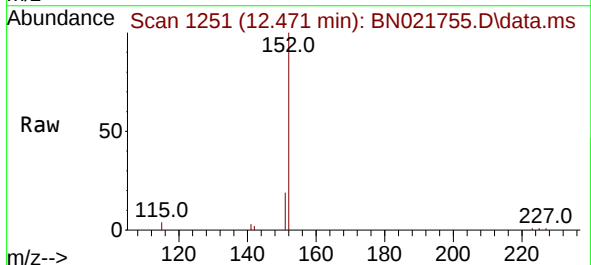
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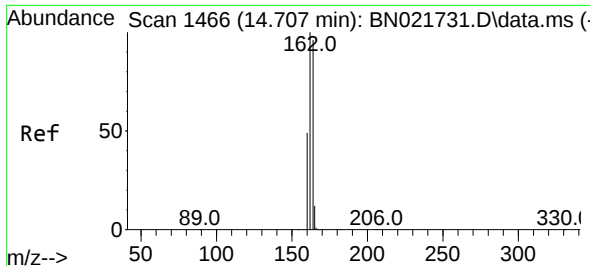
Reviewed By :Christian Giraldo 09/15/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

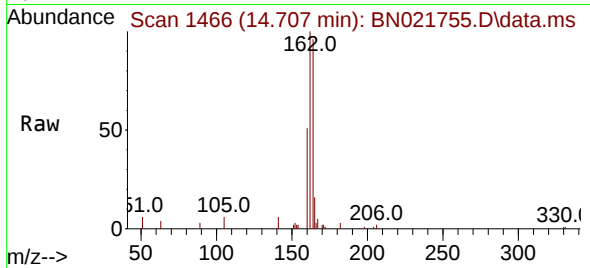
Tgt Ion:152 Resp: 15099
Ion Ratio Lower Upper
152 100
151 17.9 15.6 23.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

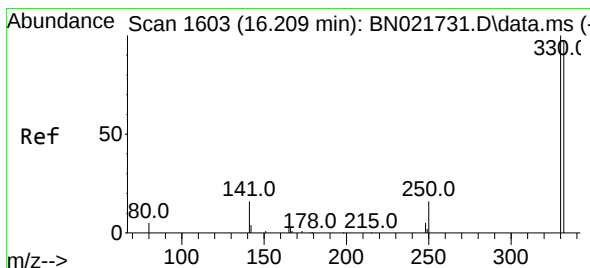
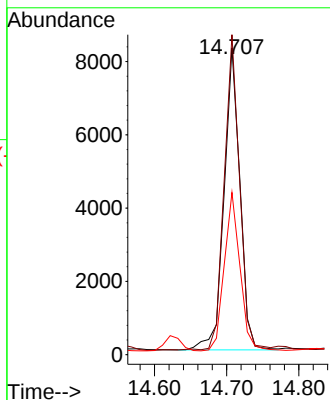
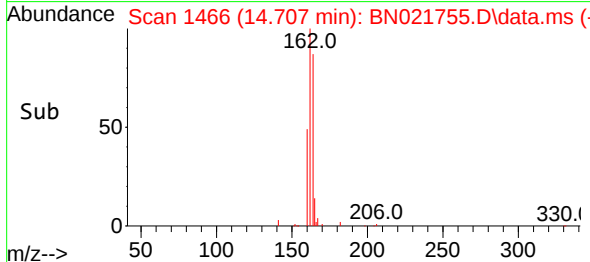
Instrument :
BNA_N
ClientSampleId :
MW-55



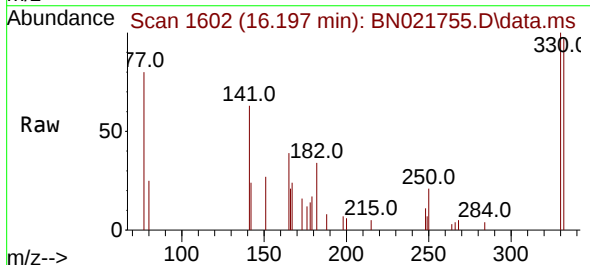
Tgt Ion:164 Resp: 12580
Ion Ratio Lower Upper
164 100
162 104.3 83.2 124.8
160 52.9 40.9 61.3

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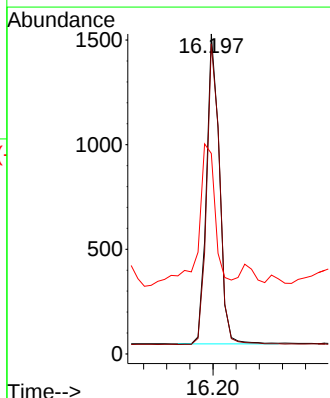
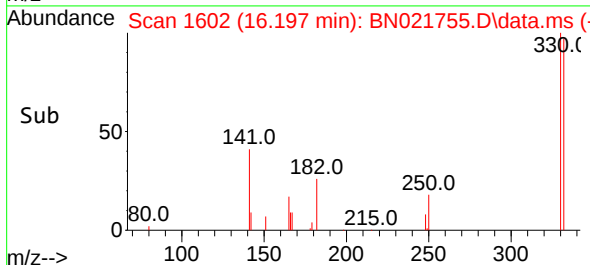
Reviewed By :Christian Giraldo 09/15/2022
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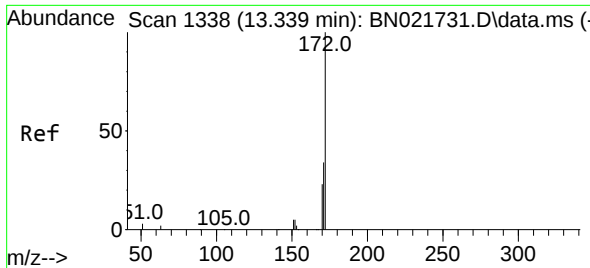


#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02



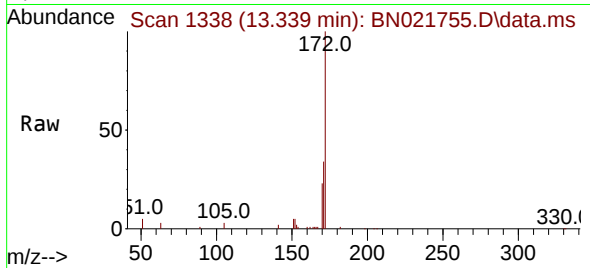
Tgt Ion:330 Resp: 2284
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 48.9 37.2 55.8





#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

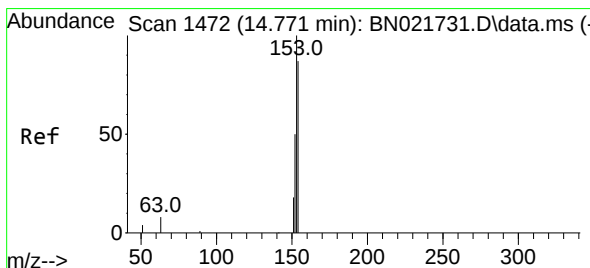
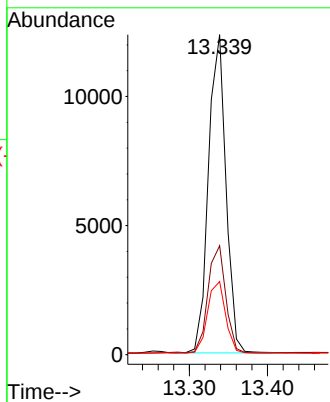
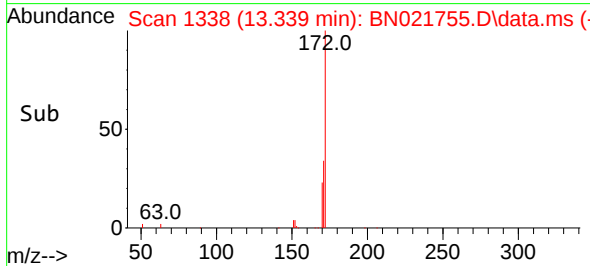
Instrument :
BNA_N
ClientSampleId :
MW-55



Tgt Ion:172 Resp: 1914
Ion Ratio Lower Upper
172 100
171 34.0 27.7 41.5
170 22.9 18.8 28.2

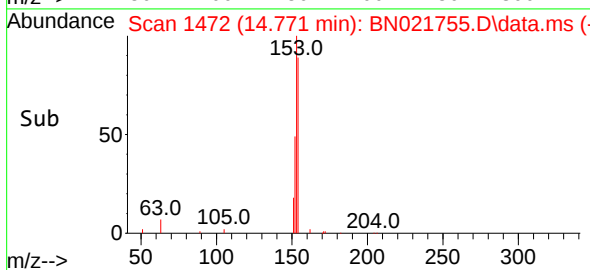
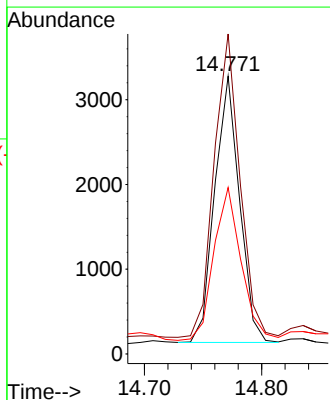
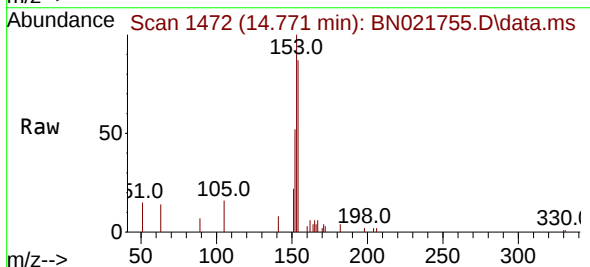
Manual Integrations
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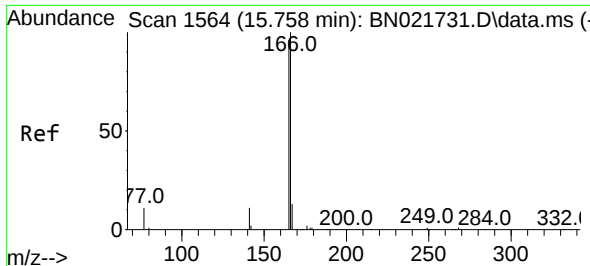
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#17
Acenaphthene
Concen: 0.112 ng
RT: 14.771 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

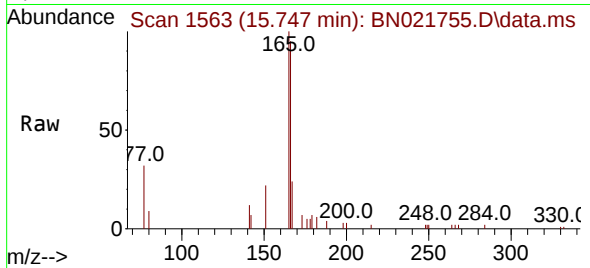
Tgt Ion:154 Resp: 4612
Ion Ratio Lower Upper
154 100
153 118.5 91.0 136.4
152 63.4 46.0 69.0





#18
Fluorene
Concen: 0.087 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

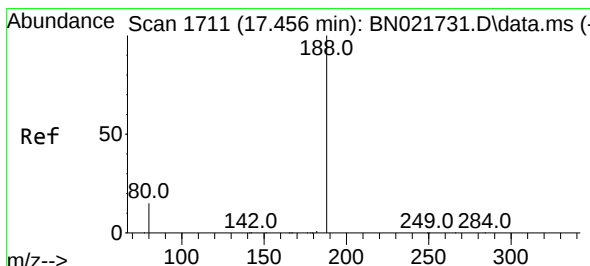
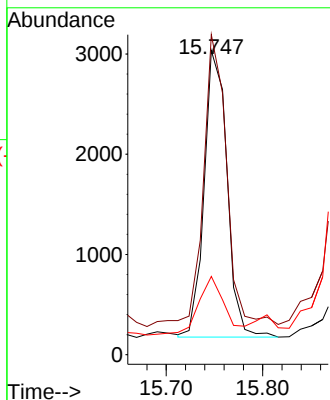
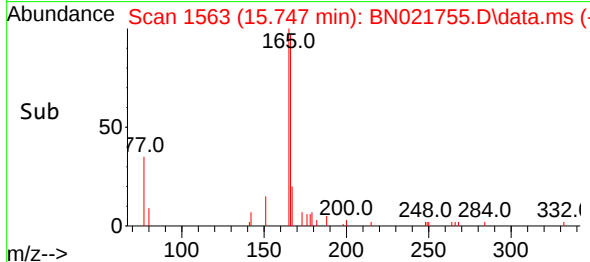
Instrument :
BNA_N
ClientSampleId :
MW-55



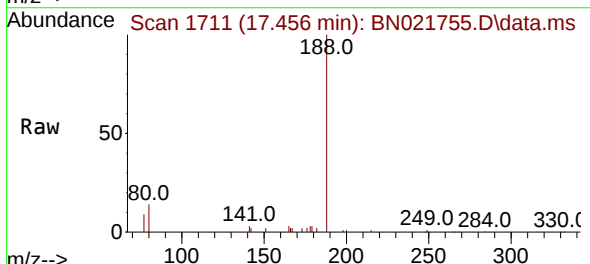
Tgt Ion:166 Resp: 4720
Ion Ratio Lower Upper
166 100
165 102.7 79.4 119.0
167 23.0 10.6 15.8

Manual Integrations
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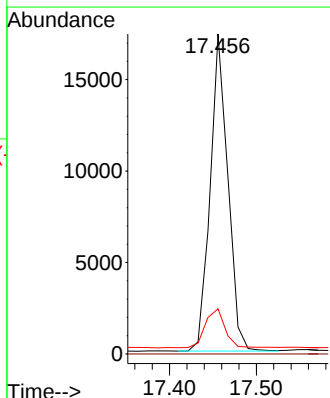
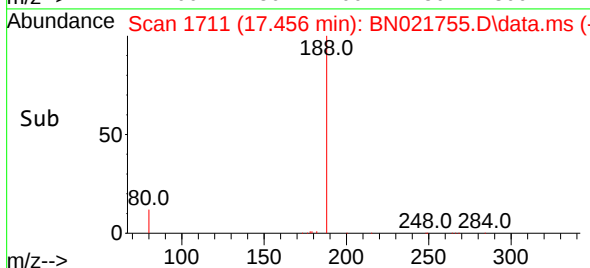
Reviewed By :Christian Giraldo 09/15/2022
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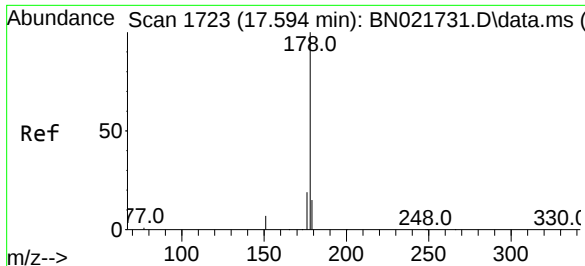


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02



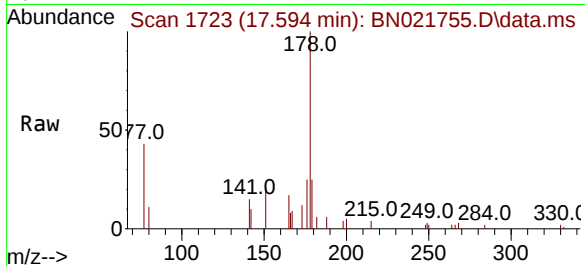
Tgt Ion:188 Resp: 24594
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 12.6 19.0





#26
 Anthracene
 Concen: 0.070 ng
 RT: 17.594 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN021755.D
 Acq: 14 Sep 2022 20:02

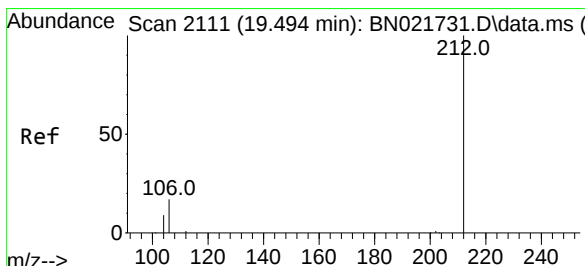
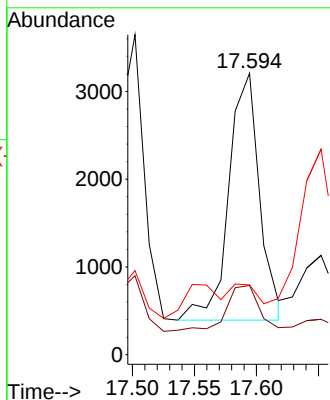
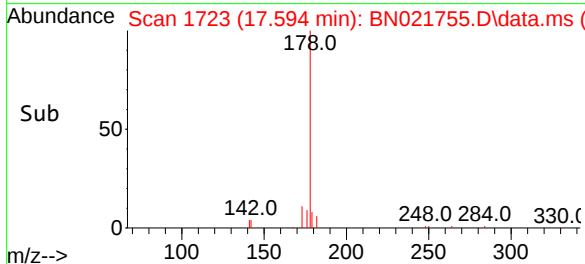
Instrument :
 BNA_N
 ClientSampleId :
 MW-55



Tgt Ion:178 Resp: 487
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.6
 179 0.0 12.2 18.2

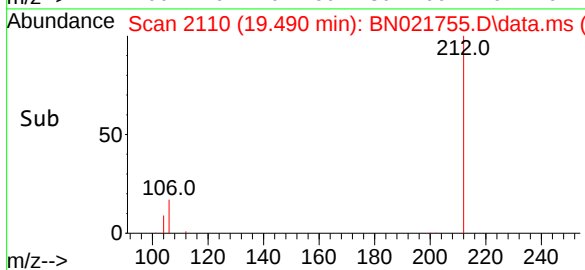
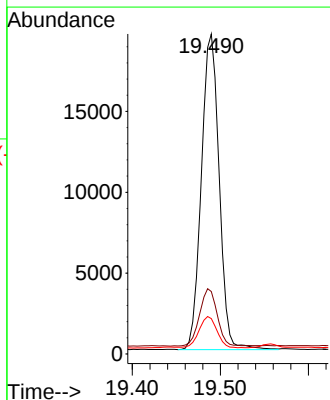
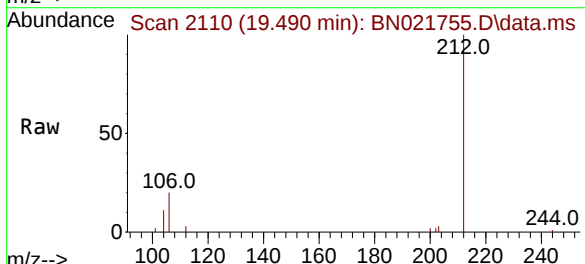
Manual Integrations
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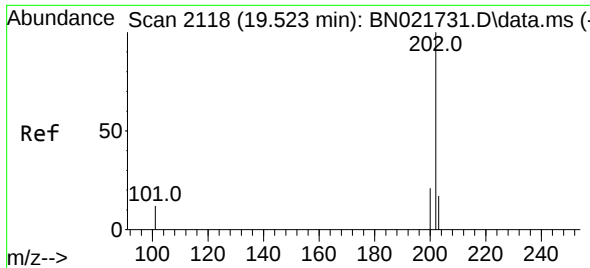
Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022



#27
 Fluoranthene-d10
 Concen: 0.413 ng
 RT: 19.490 min Scan# 2110
 Delta R.T. -0.004 min
 Lab File: BN021755.D
 Acq: 14 Sep 2022 20:02

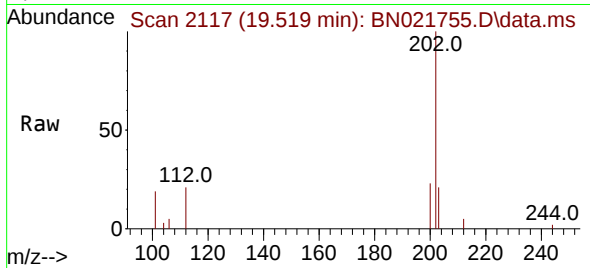
Tgt Ion:212 Resp: 27361
 Ion Ratio Lower Upper
 212 100
 106 17.9 14.3 21.5
 104 9.9 8.0 12.0





#28
Fluoranthene
Concen: 0.157 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

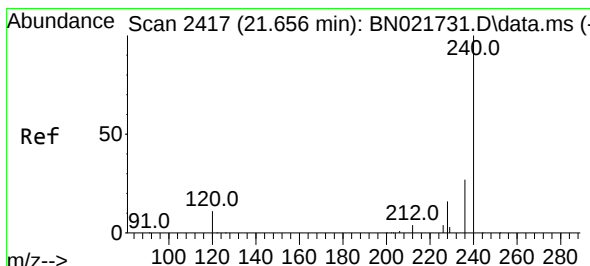
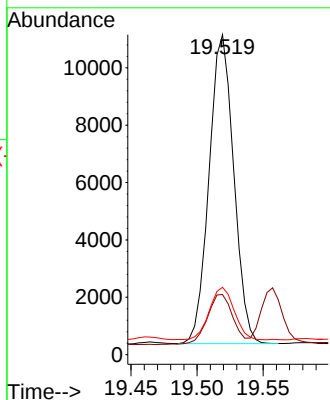
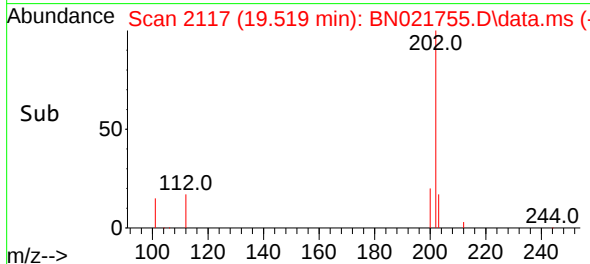
Instrument :
BNA_N
ClientSampleId :
MW-55



Tgt Ion:202 Resp: 13989
Ion Ratio Lower Upper
202 100
101 16.5 11.0 16.4
203 17.0 13.7 20.5

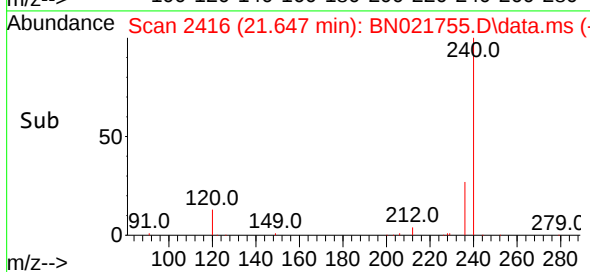
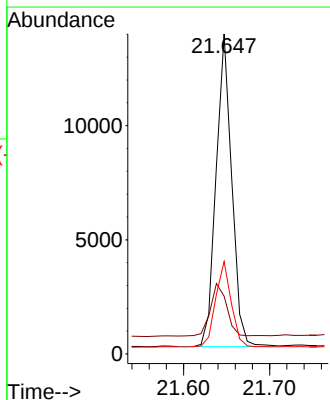
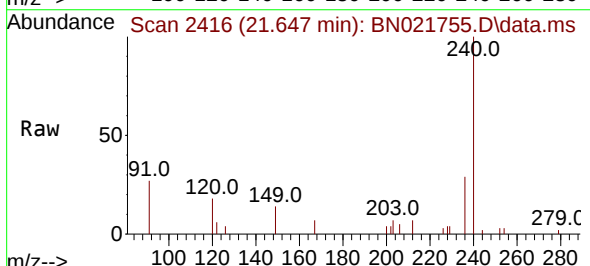
Manual Integrations
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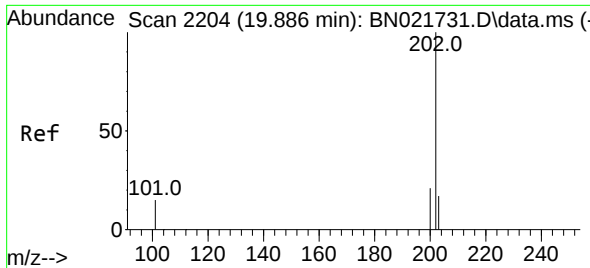
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

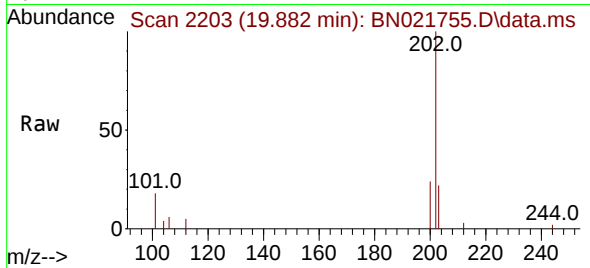
Tgt Ion:240 Resp: 17311
Ion Ratio Lower Upper
240 100
120 18.1 9.8 14.8
236 28.9 22.2 33.4





#30
Pyrene
Concen: 0.155 ng
RT: 19.882 min Scan# 2203
Delta R.T. -0.004 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

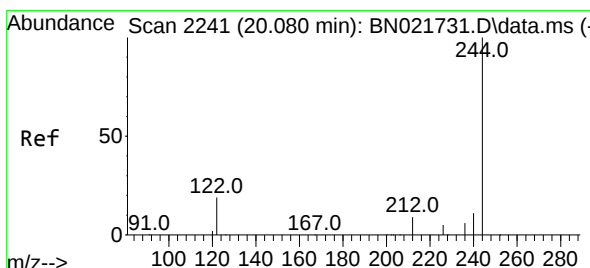
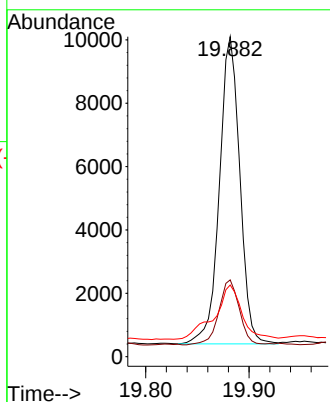
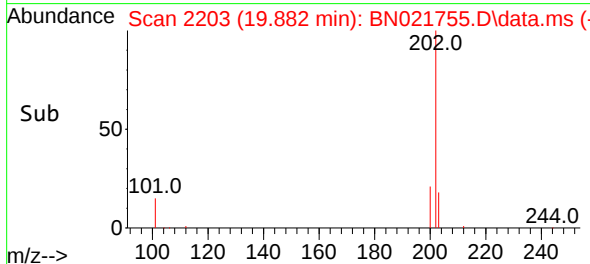
Instrument :
BNA_N
ClientSampleId :
MW-55



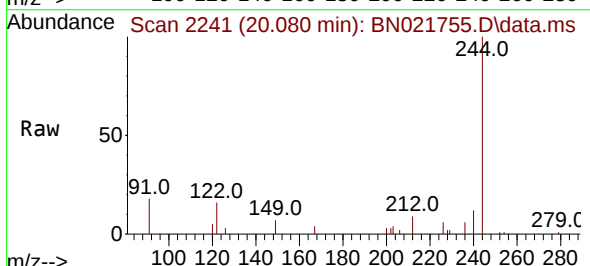
Tgt Ion:202 Resp: 1330
Ion Ratio Lower Upper
202 100
200 21.2 15.0 22.4
203 23.7 12.8 19.2

Manual Integrations
APPROVED

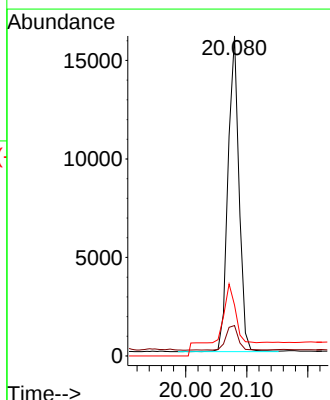
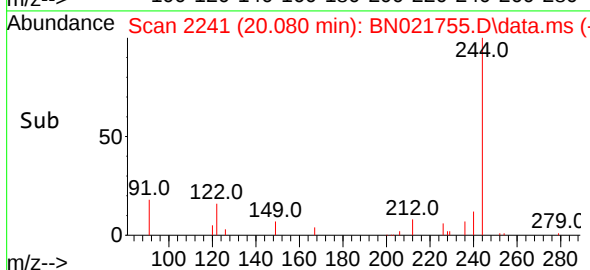
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

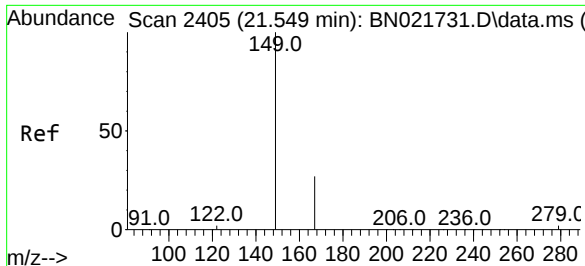


#31
Terphenyl-d14
Concen: 0.443 ng
RT: 20.080 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02



Tgt Ion:244 Resp: 17523
Ion Ratio Lower Upper
244 100
212 9.5 7.9 11.9
122 15.9 15.8 23.8





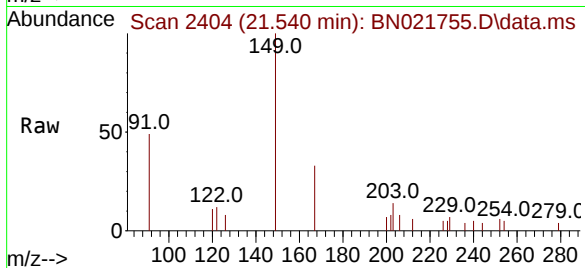
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.153 ng
RT: 21.540 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :

BNA_N

ClientSampleId :

MW-55

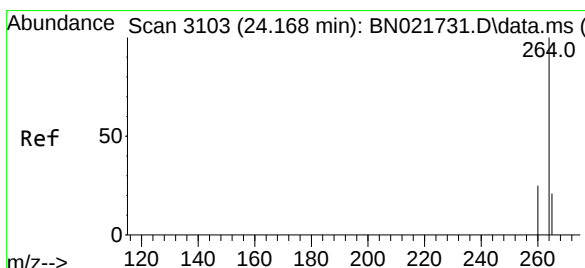
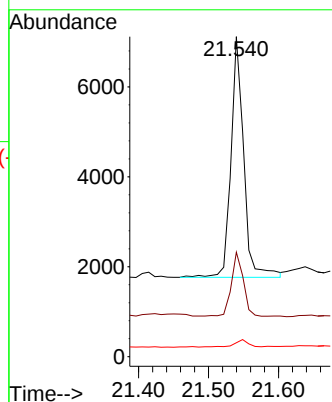
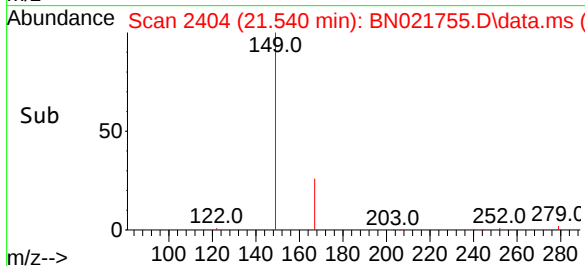


Tgt Ion:149 Resp: 677
Ion Ratio Lower Upper
149 100
167 24.6 20.8 31.2
279 3.4 2.1 3.1

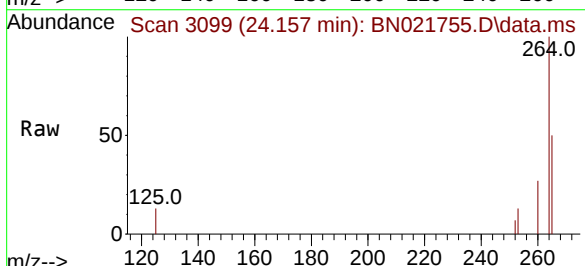
Manual Integrations

APPROVED

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: BN021755.D
Acq: 14 Sep 2022 20:02



Tgt Ion:264 Resp: 13734
Ion Ratio Lower Upper
264 100
260 27.3 20.6 31.0
265 50.4 34.4 51.6

