

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021756.D
 Acq On : 14 Sep 2022 20:39
 Operator : CG/JU
 Sample : N4549-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-56

Manual Integrations
 APPROVED

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

Quant Time: Sep 15 02:12:57 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	5149	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	17563	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	11877	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	22635	0.400	ng	0.00
29) Chrysene-d12	21.647	240	16849	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	13110	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2297	0.171	ng	0.00
5) Phenol-d6	7.209	99	1851	0.108	ng	0.00
8) Nitrobenzene-d5	9.233	82	4809	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.471	152	13745	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2157	0.397	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	17410	0.359	ng	0.00
27) Fluoranthene-d10	19.490	212	24750	0.406	ng	0.00
31) Terphenyl-d14	20.080	244	16168	0.420	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.941	128	2108	0.041	ng	# 13
16) Acenaphthylene	14.429	152	4308	0.076	ng	# 15
17) Acenaphthene	14.771	154	23281	0.601	ng	99
26) Anthracene	17.594	178	7068	0.110	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.540	149	9339	0.216	ng	97

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

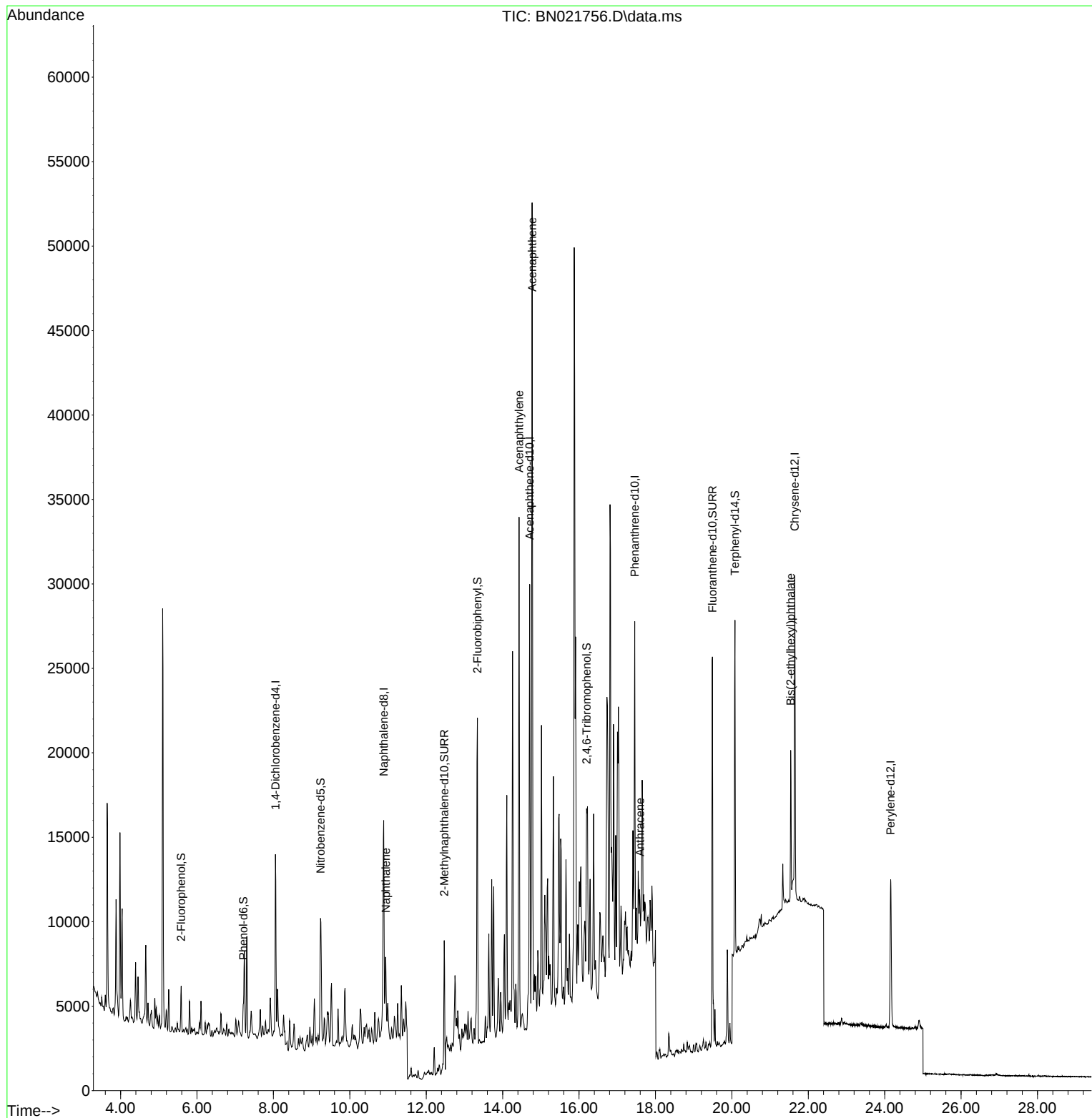
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021756.D
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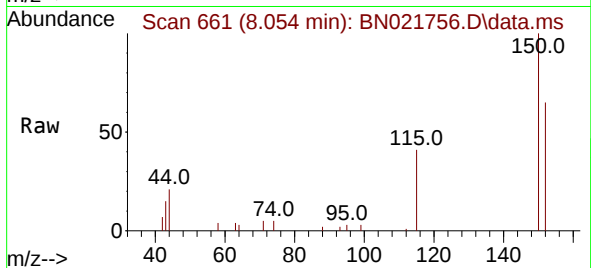
Quant Time: Sep 15 02:12:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 662
Delta R.T. -0.008 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

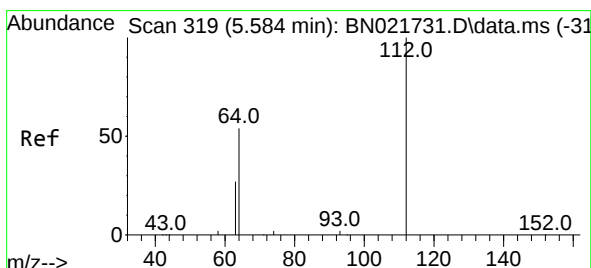
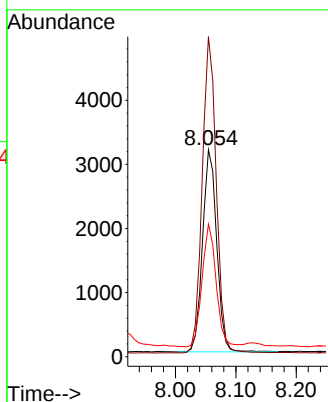
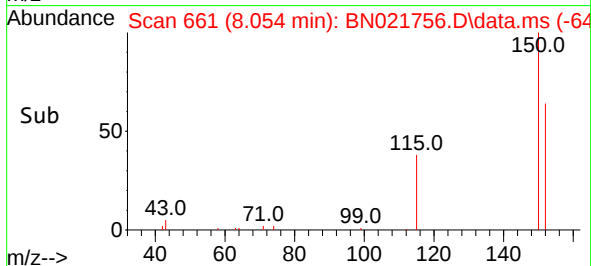
Instrument :
BNA_N
ClientSampleId :
MW-56



Tgt Ion:152 Resp: 5149
Ion Ratio Lower Upper
152 100
150 154.7 121.8 182.8
115 64.0 48.3 72.5

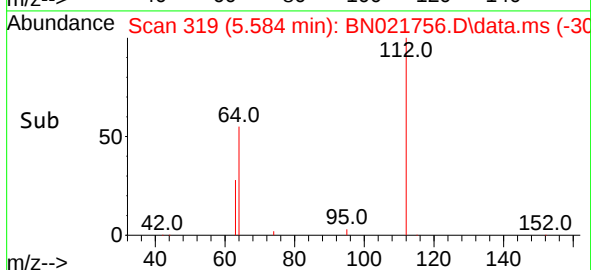
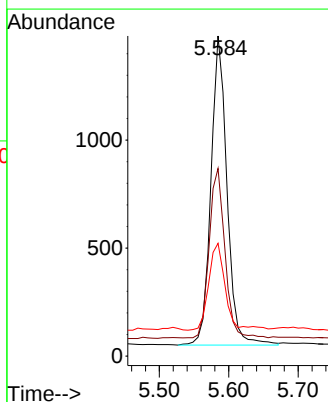
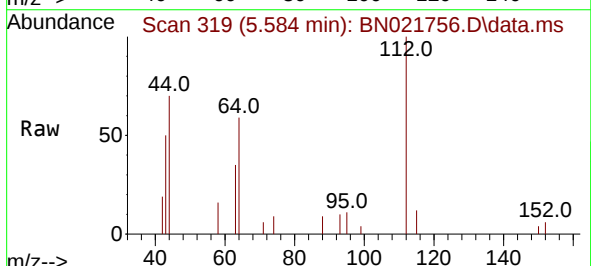
Manual Integrations
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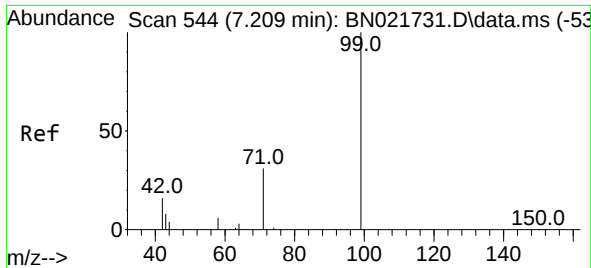
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

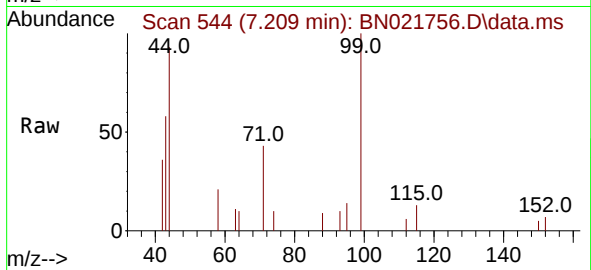
Tgt Ion:112 Resp: 2297
Ion Ratio Lower Upper
112 100
64 53.8 45.4 68.2
63 28.2 23.3 34.9





#5
Phenol-d6
Concen: 0.108 ng
RT: 7.209 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

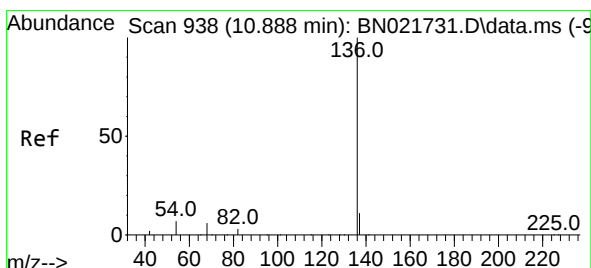
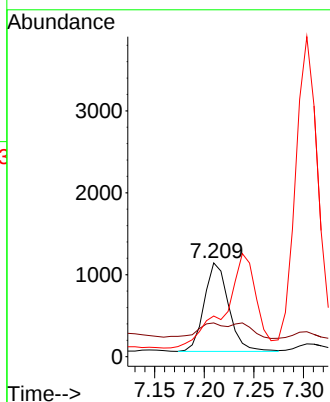
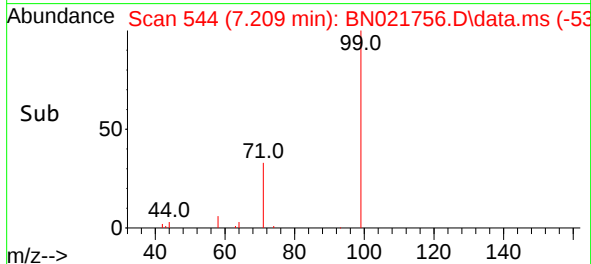
Instrument :
BNA_N
ClientSampleId :
MW-56



Tgt Ion: 99 Resp: 185
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 0.0 25.3 37.9

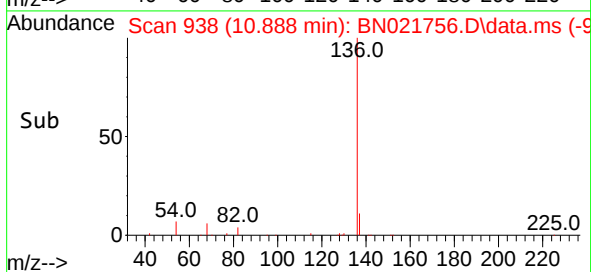
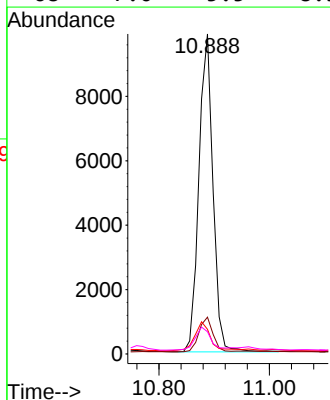
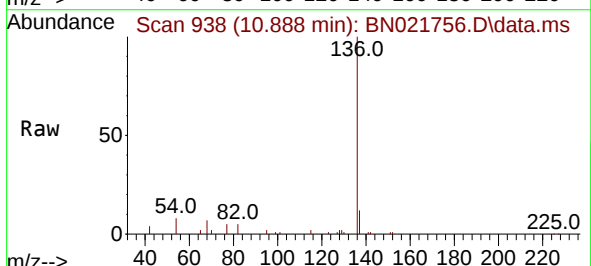
Manual Integrations
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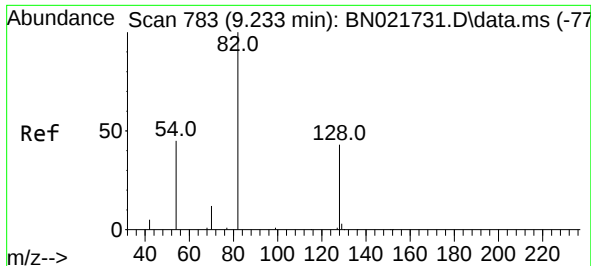
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

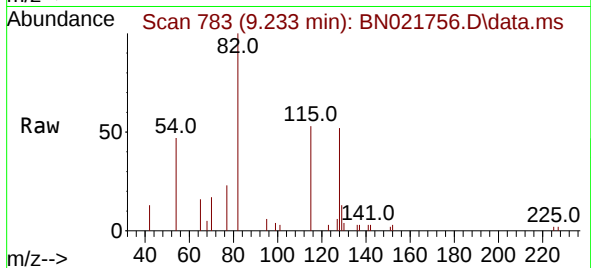
Tgt Ion:136 Resp: 17563
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.7 6.4 9.6
68 7.0 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

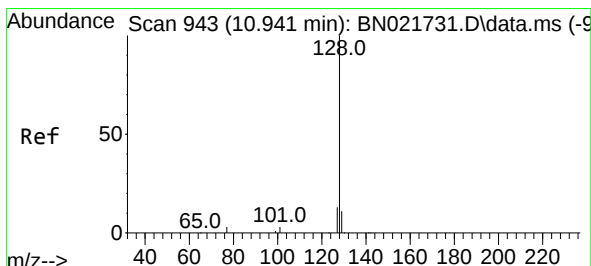
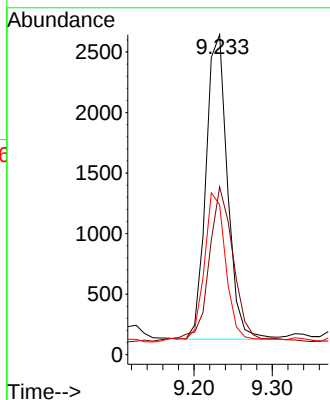
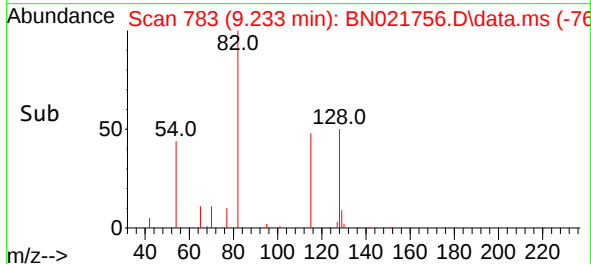
Instrument :
BNA_N
ClientSampleId :
MW-56



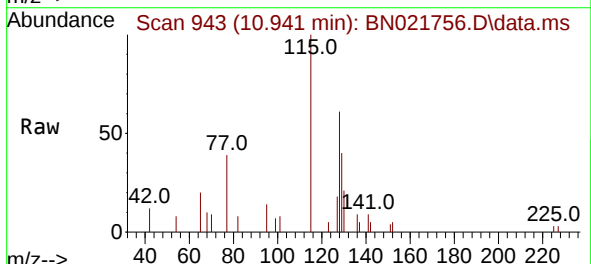
Tgt Ion: 82 Resp: 4809
Ion Ratio Lower Upper
82 100
128 52.4 35.6 53.4
54 46.9 37.8 56.8

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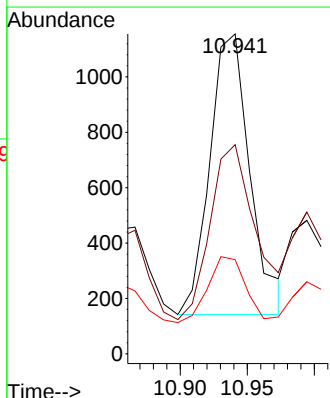
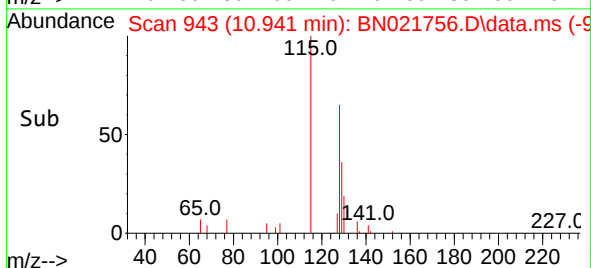
Reviewed By :Christian Giraldo 09/15/2022
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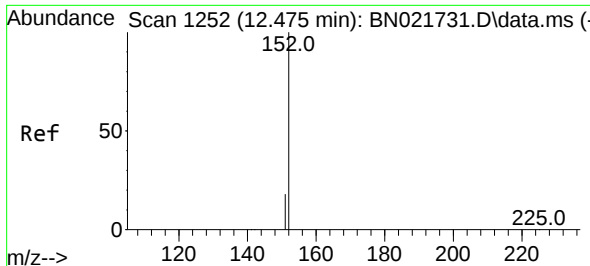


#9
Naphthalene
Concen: 0.041 ng
RT: 10.941 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39



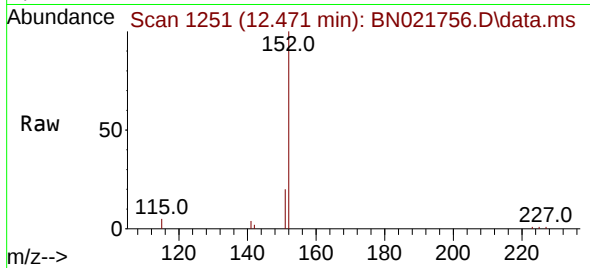
Tgt Ion:128 Resp: 2108
Ion Ratio Lower Upper
128 100
129 65.4 9.2 13.8#
127 29.4 10.5 15.7#





#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

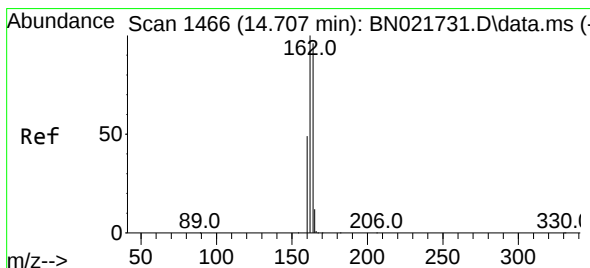
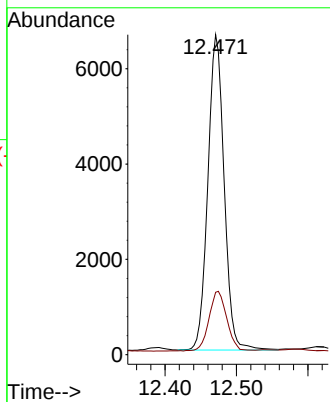
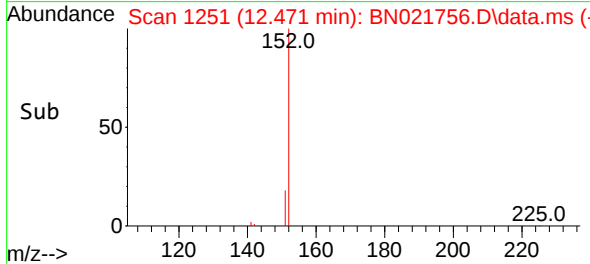
Instrument :
BNA_N
ClientSampleId :
MW-56



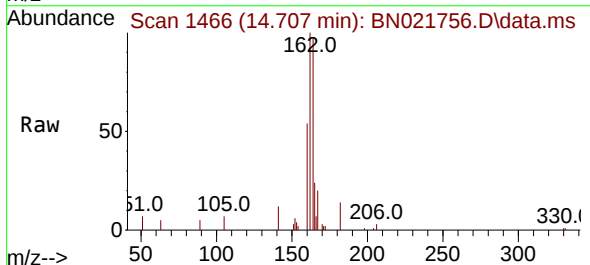
Tgt Ion:152 Resp: 13745
Ion Ratio Lower Upper
152 100
151 18.1 15.6 23.4

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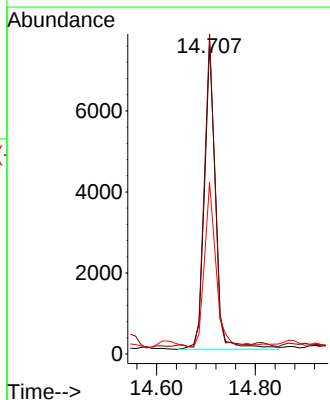
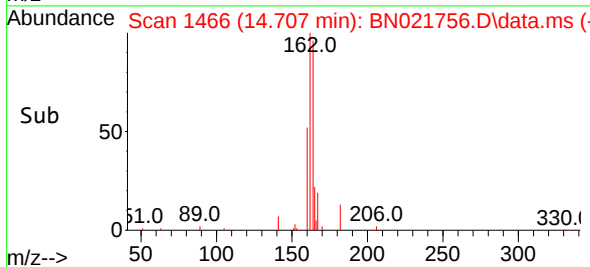
Reviewed By :Christian Giraldo 09/15/2022
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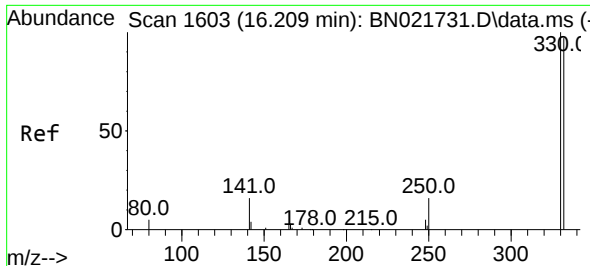


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39



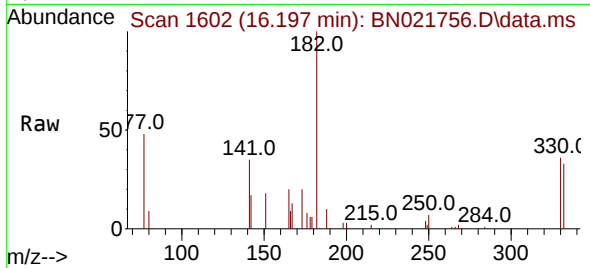
Tgt Ion:164 Resp: 11877
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 55.2 40.9 61.3





#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

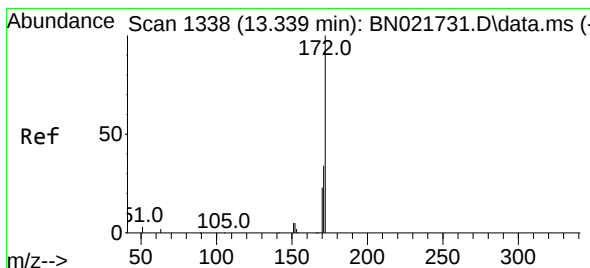
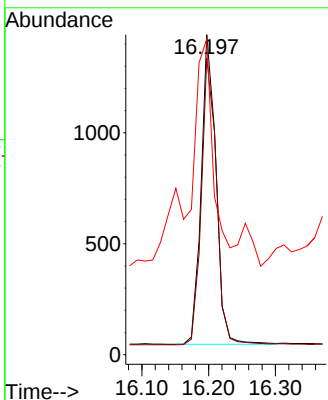
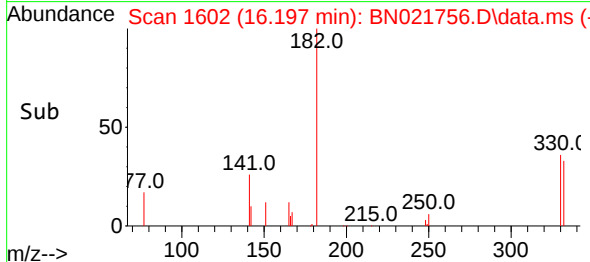
Instrument :
BNA_N
ClientSampleId :
MW-56



Tgt Ion:330 Resp: 215
Ion Ratio Lower Upper
330 100
332 94.4 76.8 115.2
141 97.2 37.2 55.8

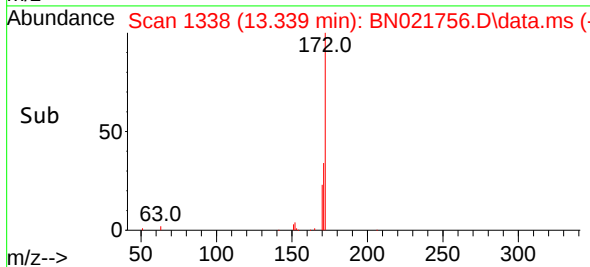
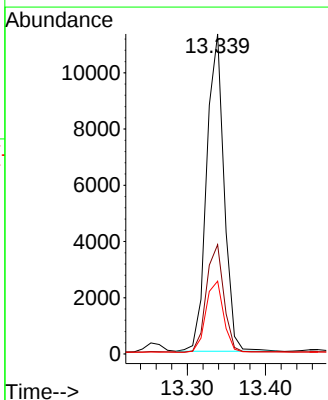
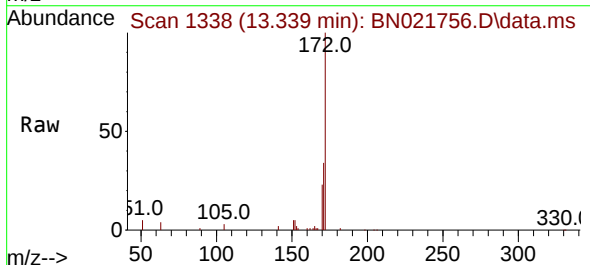
Manual Integrations
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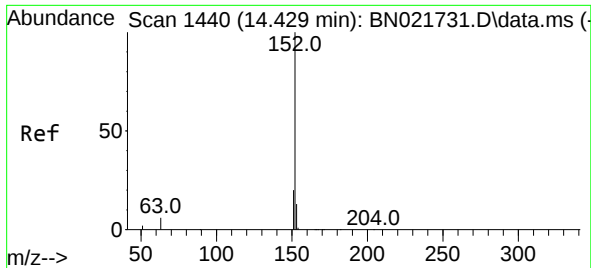
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:172 Resp: 17410
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 22.8 18.8 28.2





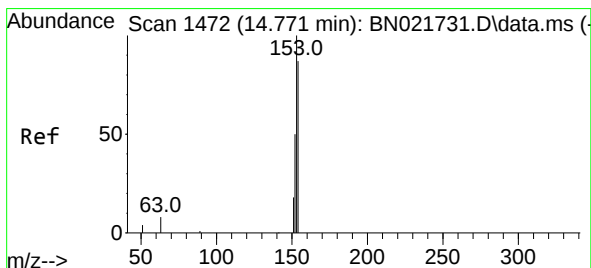
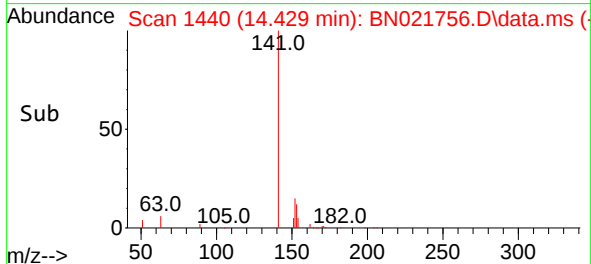
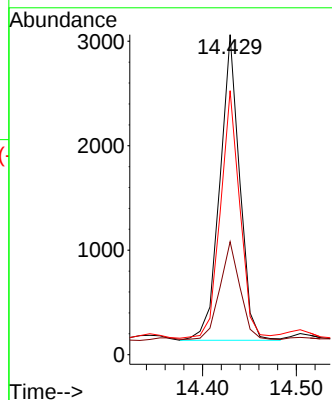
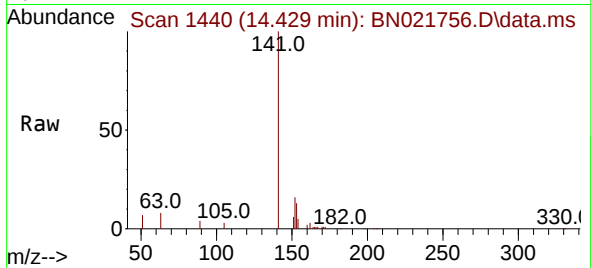
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Acenaphthylene
Concen: 0.076 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Instrument :
BNA_N
ClientSampleId :
MW-56

Tgt Ion:152 Resp: 4308
Ion Ratio Lower Upper
152 100
151 32.7 15.4 23.0
153 79.1 10.3 15.5

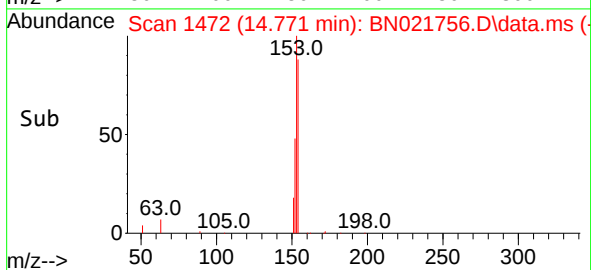
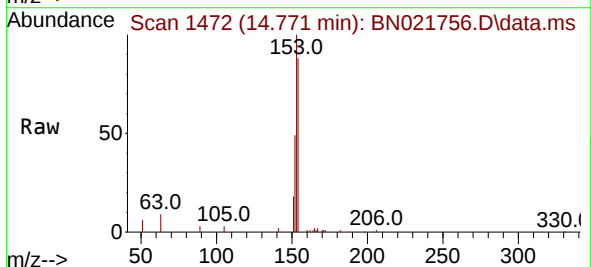
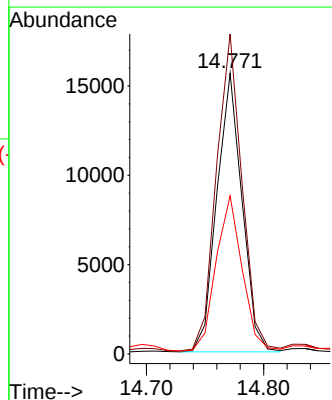
Manual Integrations
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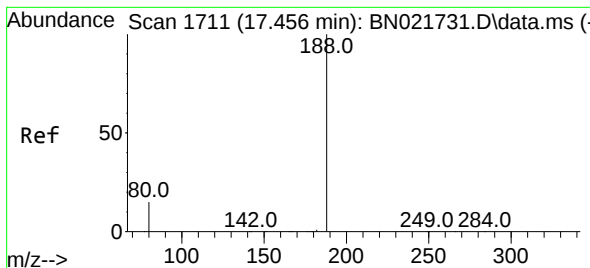
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#17
Acenaphthene
Concen: 0.601 ng
RT: 14.771 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:154 Resp: 23281
Ion Ratio Lower Upper
154 100
153 115.0 91.0 136.4
152 57.9 46.0 69.0





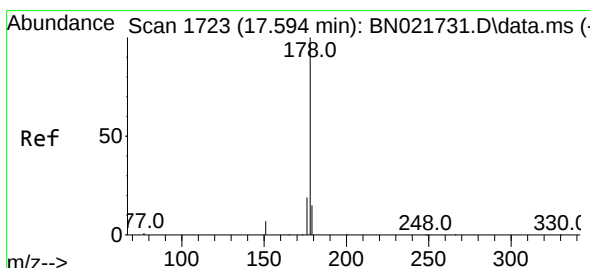
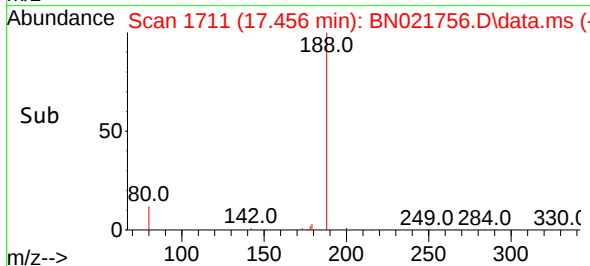
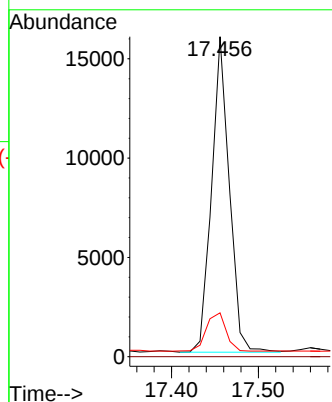
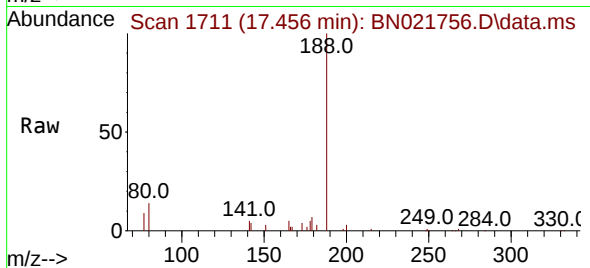
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Instrument :
BNA_N
ClientSampleId :
MW-56

Tgt Ion:188 Resp: 2263
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 12.6 19.0

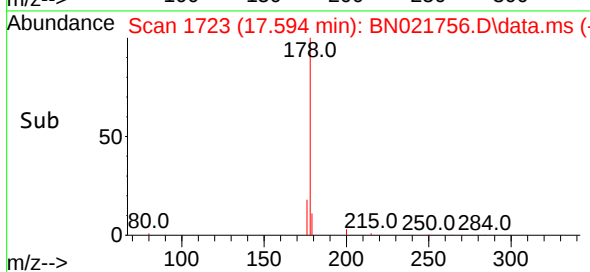
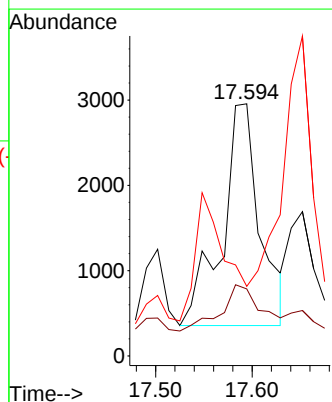
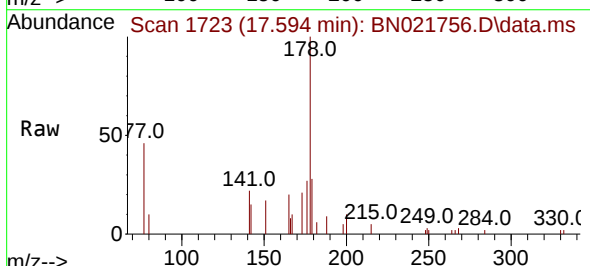
Manual Integrations
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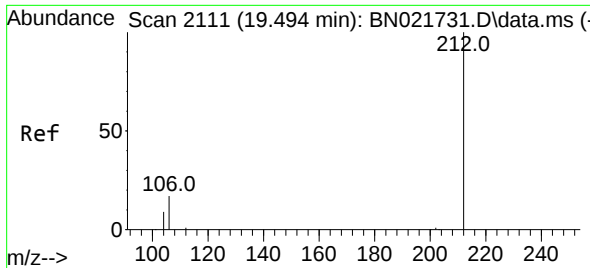
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#26
Anthracene
Concen: 0.110 ng
RT: 17.594 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

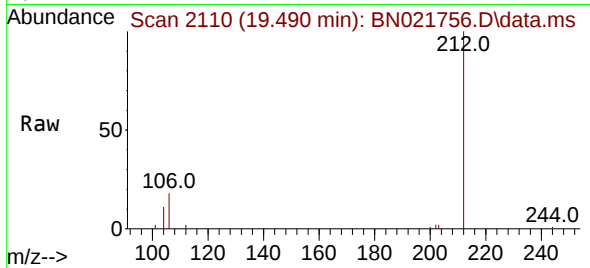
Tgt Ion:178 Resp: 7068
Ion Ratio Lower Upper
178 100
176 21.9 15.0 22.6
179 0.0 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.490 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

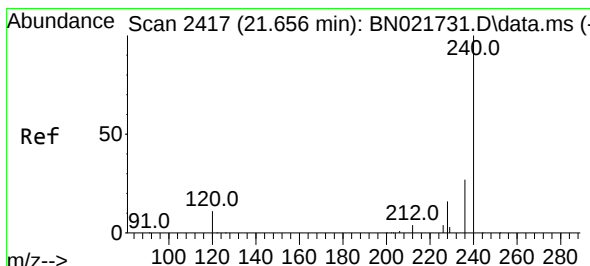
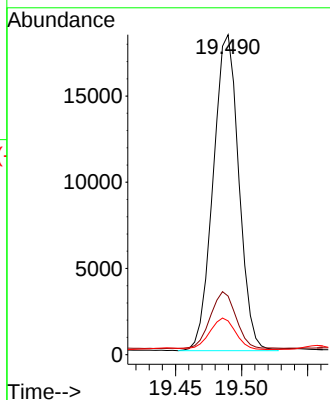
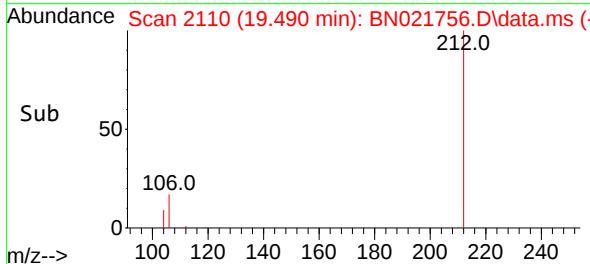
Instrument :
BNA_N
ClientSampleId :
MW-56



Tgt Ion:212 Resp: 24750
Ion Ratio Lower Upper
212 100
106 17.9 14.3 21.5
104 10.0 8.0 12.0

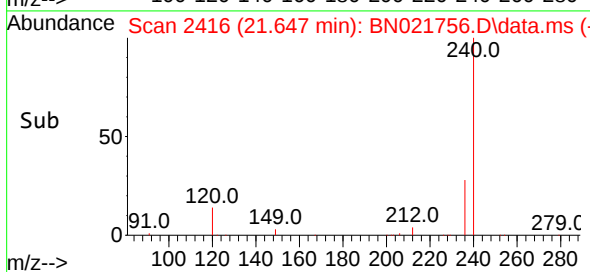
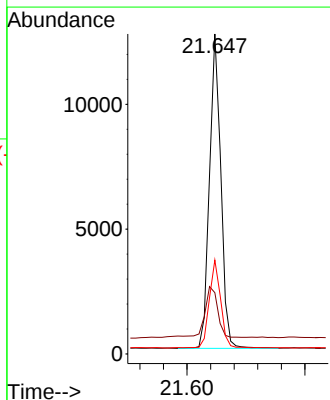
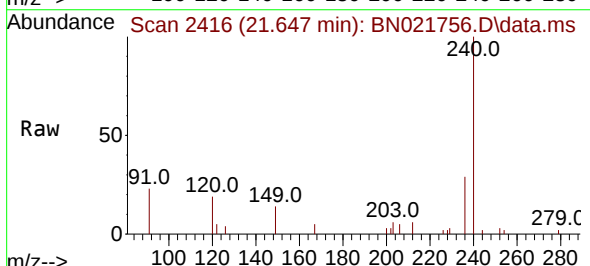
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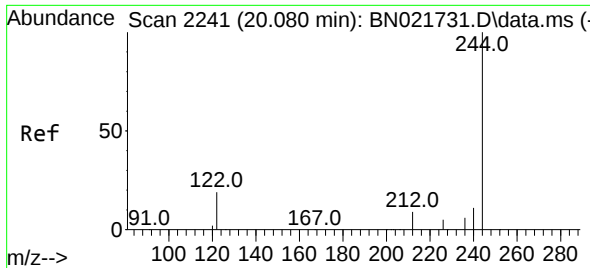
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

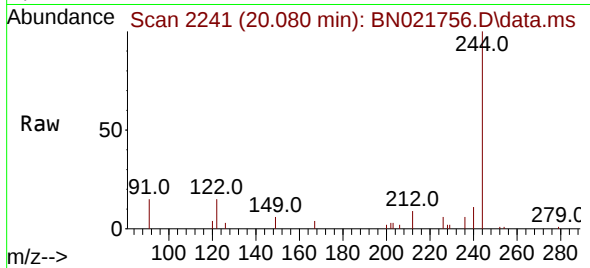
Tgt Ion:240 Resp: 16849
Ion Ratio Lower Upper
240 100
120 19.1 9.8 14.8#
236 29.4 22.2 33.4





#31
 Terphenyl-d14
 Concen: 0.420 ng
 RT: 20.080 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021756.D
 Acq: 14 Sep 2022 20:39

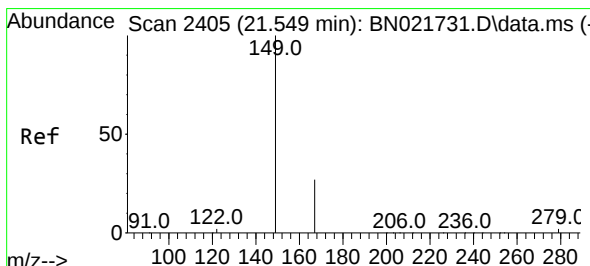
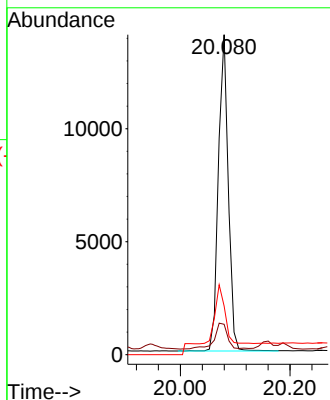
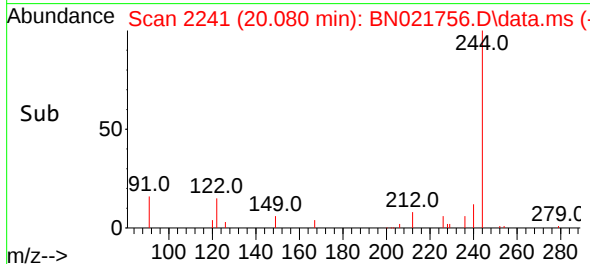
Instrument :
 BNA_N
 ClientSampleId :
 MW-56



Tgt Ion:244 Resp: 1616
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.9 11.9
 122 15.2 15.8 23.8

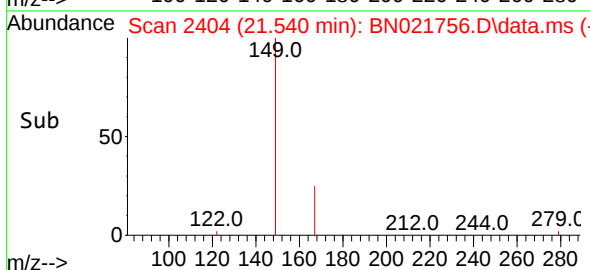
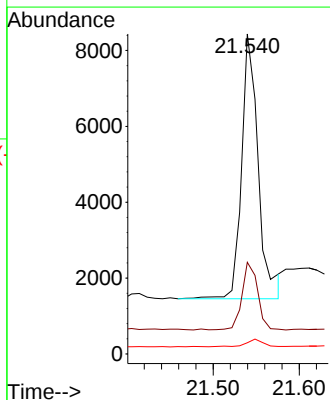
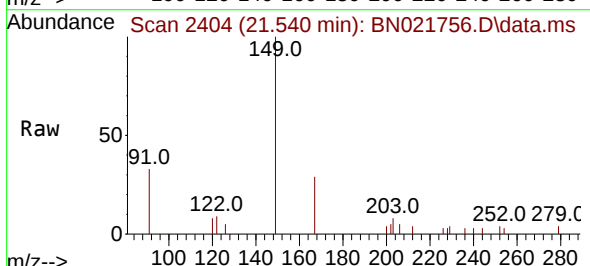
Manual Integrations
 APPROVED

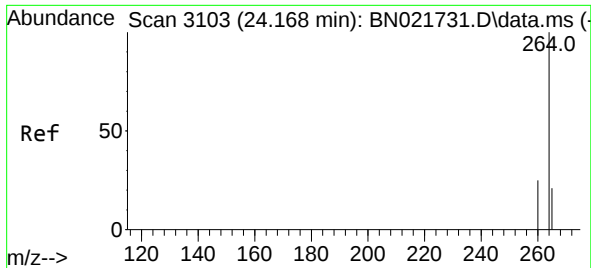
Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.216 ng
 RT: 21.540 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021756.D
 Acq: 14 Sep 2022 20:39

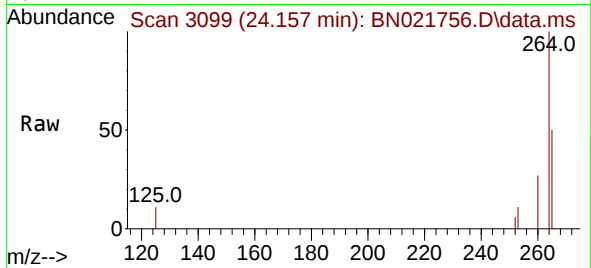
Tgt Ion:149 Resp: 9339
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.8 31.2
 279 3.0 2.1 3.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.157 min Scan# 3099
 Delta R.T. -0.012 min
 Lab File: BN021756.D
 Acq: 14 Sep 2022 20:39

Instrument :
 BNA_N
 ClientSampleId :
 MW-56



Tgt Ion:264 Resp: 13110
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.6 31.0
 265 49.9 34.4 51.6

Manual Integrations
 APPROVED

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

