

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021360.D
 Acq On : 25 Aug 2022 07:11
 Operator : CG/JU
 Sample : N4245-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20220816

Quant Time: Aug 25 07:38:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	2983	0.400	ng	0.00
7) Naphthalene-d8	10.919	136	9097	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	4892	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	10259	0.400	ng	0.00
29) Chrysene-d12	21.682	240	8508	0.400	ng	0.00
35) Perylene-d12	24.208	264	6832	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	781	0.097	ng	0.00
5) Phenol-d6	7.231	99	565	0.056	ng	0.00
8) Nitrobenzene-d5	9.254	82	1816	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	5019	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	532	0.237	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	7273	0.332	ng	0.00
27) Fluoranthene-d10	19.514	212	10827	0.353	ng	0.00
31) Terphenyl-d14	20.106	244	8026	0.447	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	798m	0.193	ng	Qvalue
28) Fluoranthene	19.543	202	1126	0.027	ng	97
30) Pyrene	19.910	202	1143	0.027	ng	# 90
32) Benzo(a)anthracene	21.664	228	837	0.026	ng	# 88
33) Chrysene	21.718	228	934	0.027	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.574	149	887	0.057	ng	97
36) Indeno(1,2,3-cd)pyrene	26.875	276	804	0.023	ng	# 80
37) Benzo(b)fluoranthene	23.428	252	969	0.032	ng	# 44
38) Benzo(k)fluoranthene	23.477	252	767	0.025	ng	# 32
39) Benzo(a)pyrene	24.091	252	508	0.021	ng	# 7
40) Dibenzo(a,h)anthracene	26.901	278	601	0.021	ng	# 48
41) Benzo(g,h,i)perylene	27.685	276	783	0.026	ng	# 70

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

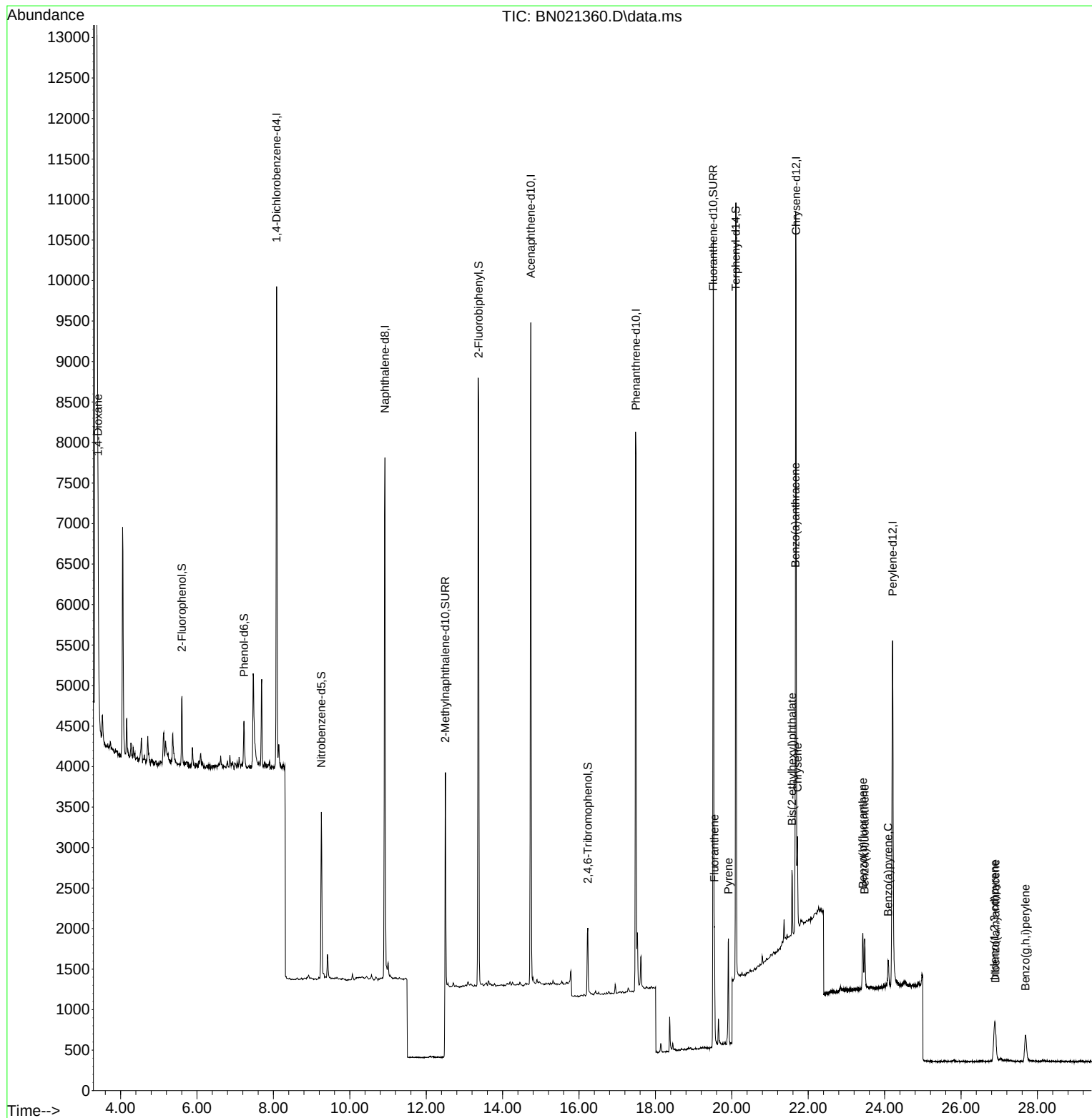
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021360.D
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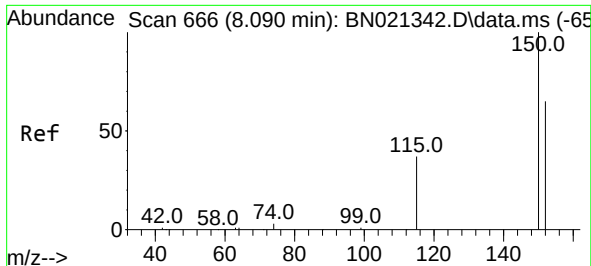
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
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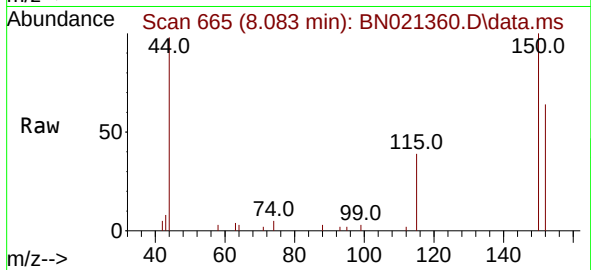
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 666
Delta R.T. -0.007 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

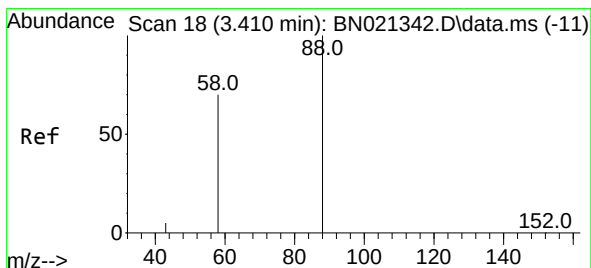
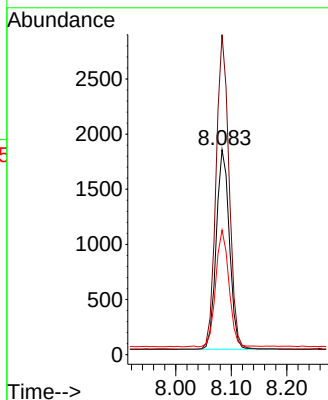
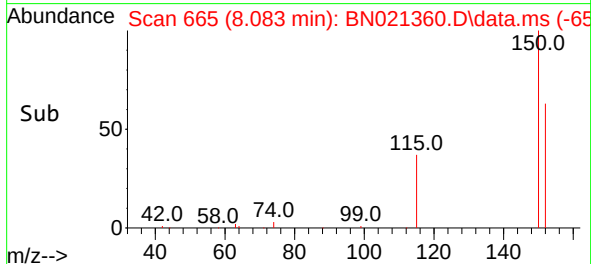
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



Tgt Ion: 152 Resp: 298
Ion Ratio Lower Upper
152 100
150 156.1 121.4 182.0
115 60.8 48.6 72.8

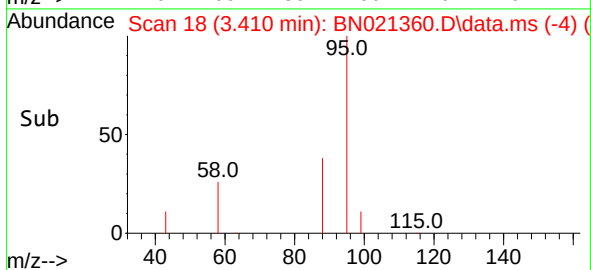
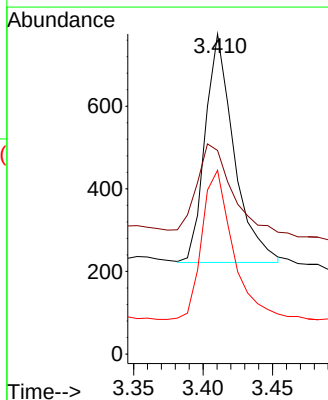
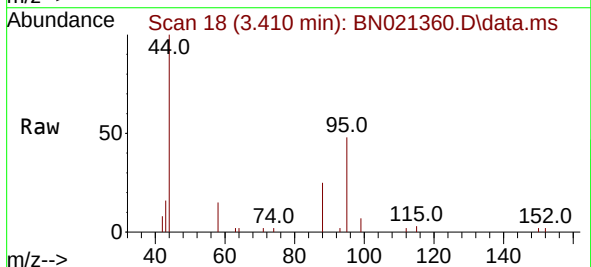
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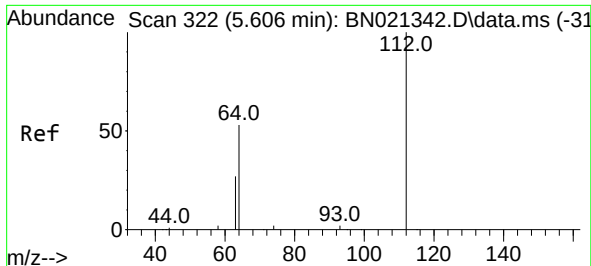
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Supervised By :Jagrut Upadhyay 08/25/2022



#2
1,4-Dioxane
Concen: 0.193 ng m
RT: 3.410 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Tgt Ion: 88 Resp: 798
Ion Ratio Lower Upper
88 100
43 43.1 35.8 53.8
58 69.7 57.1 85.7





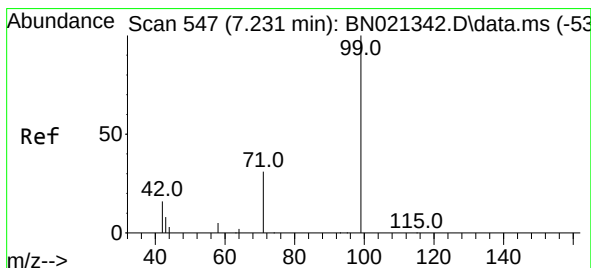
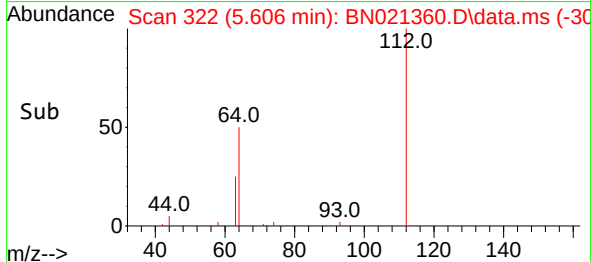
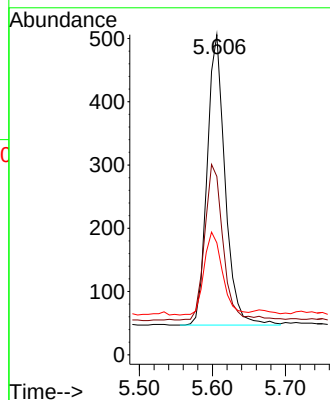
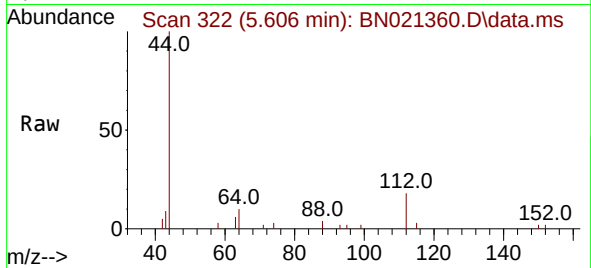
#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816

Tgt Ion:112 Resp: 78
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 29.1 22.6 34.0

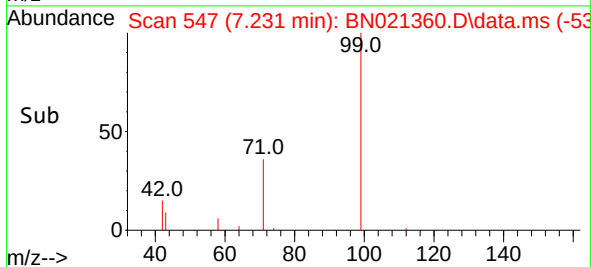
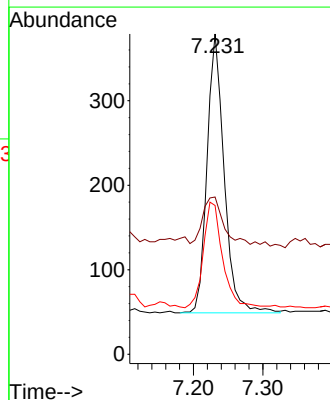
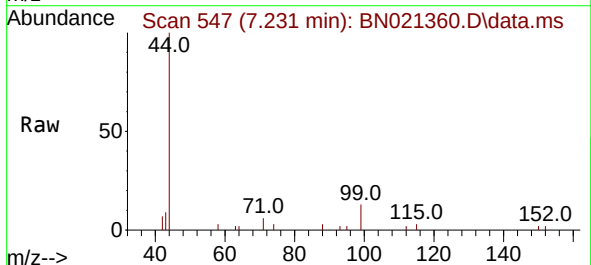
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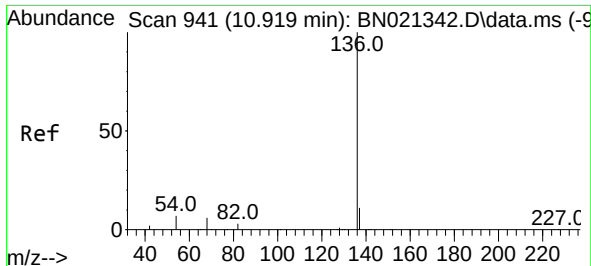
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#5
Phenol-d6
Concen: 0.056 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

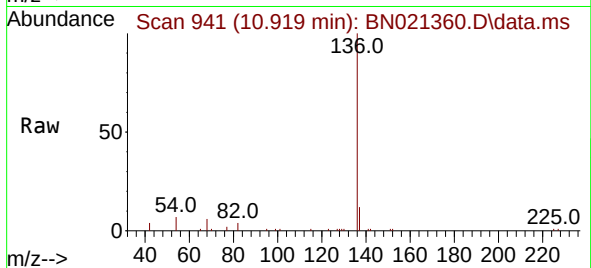
Tgt Ion: 99 Resp: 565
Ion Ratio Lower Upper
99 100
42 25.8 15.5 23.3#
71 42.7 24.2 36.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.919 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

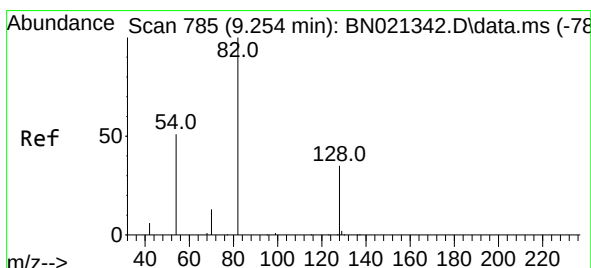
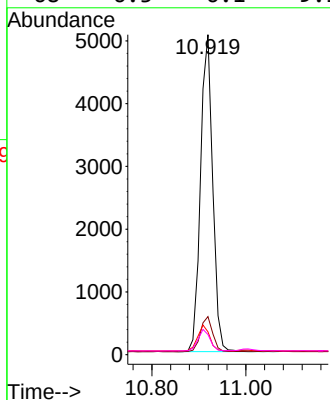
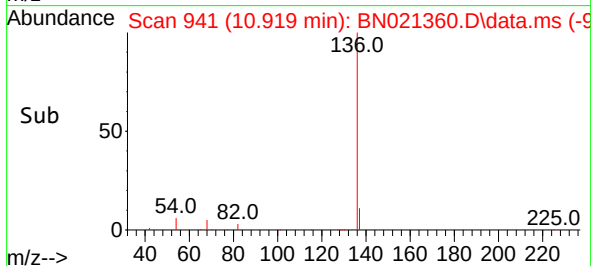
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	7.1	6.9	10.3
68	6.3	6.1	9.1

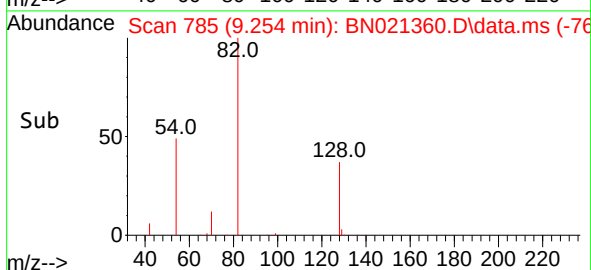
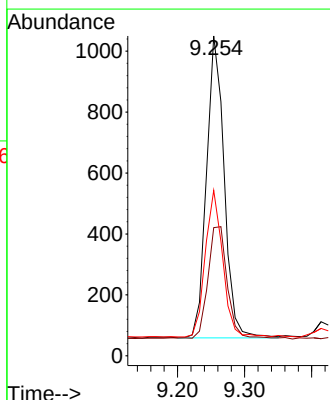
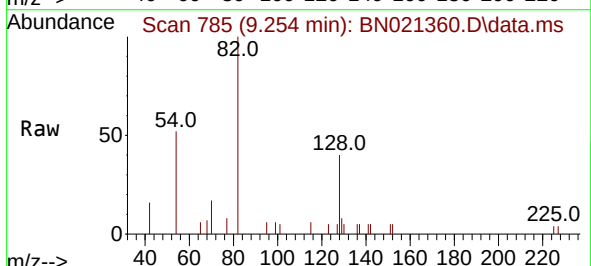
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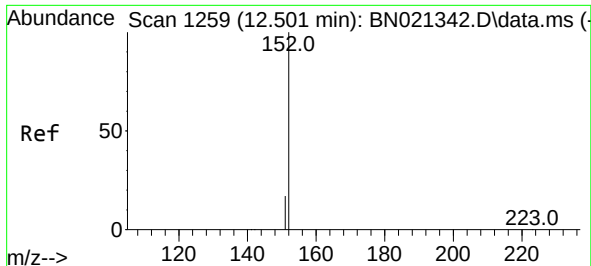
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

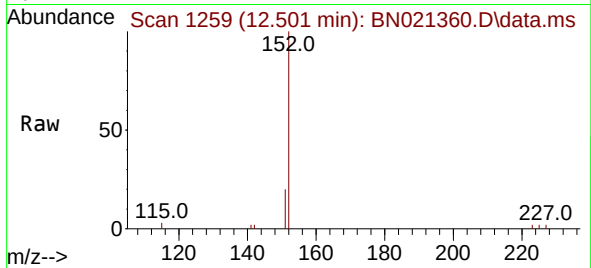
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.9	46.3
54	51.7	42.7	64.1





#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

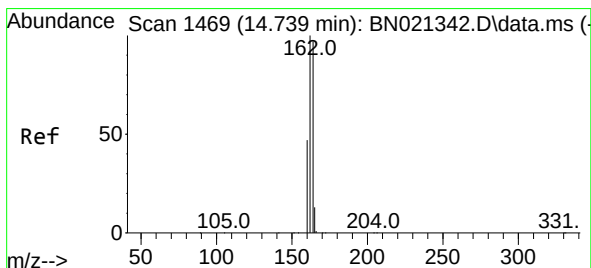
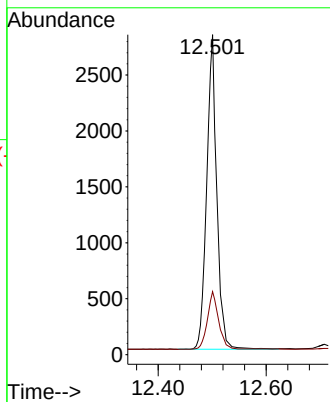
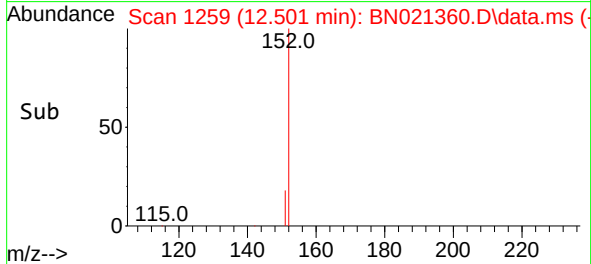
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BNA_N
ClientSampleId :
MW179D1-20220816



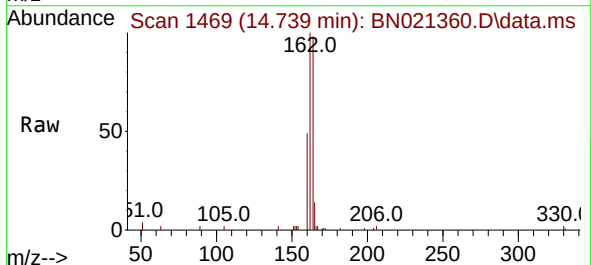
Tgt Ion:152 Resp: 5019
Ion Ratio Lower Upper
152 100
151 20.9 14.5 21.7

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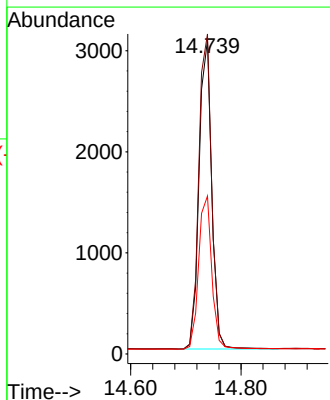
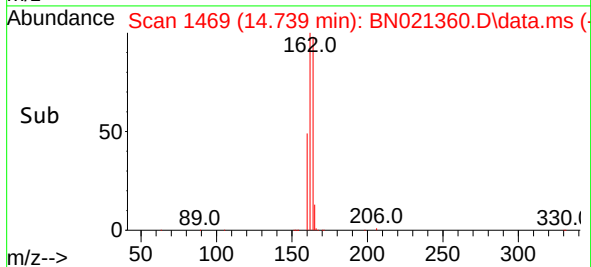
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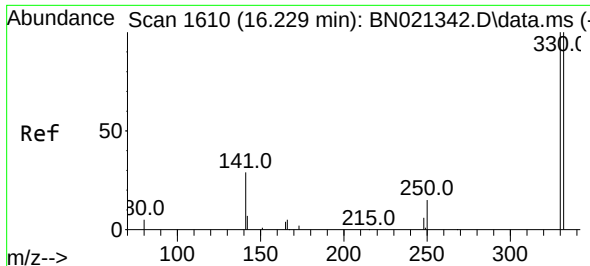


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11



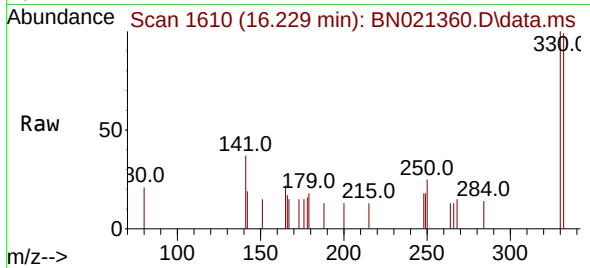
Tgt Ion:164 Resp: 4892
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.4
160 50.3 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

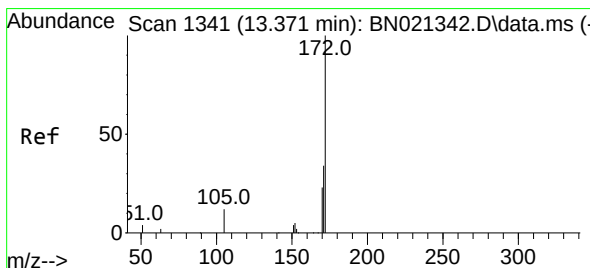
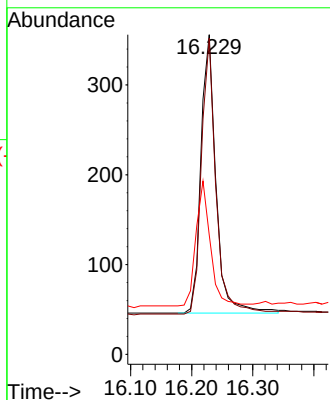
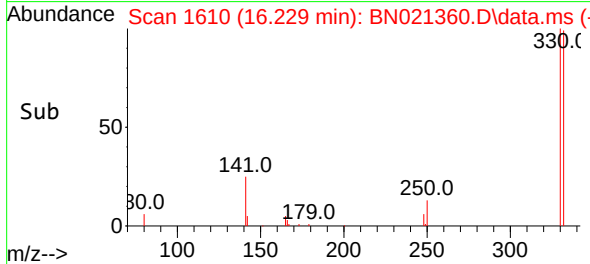
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



Tgt Ion:330 Resp: 532
Ion Ratio Lower Upper
330 100
332 95.5 79.3 118.9
141 42.9 37.1 55.7

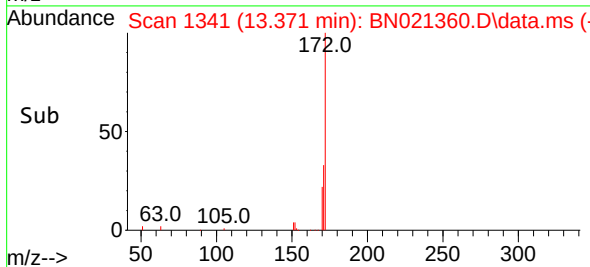
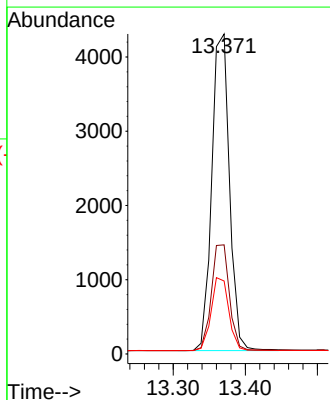
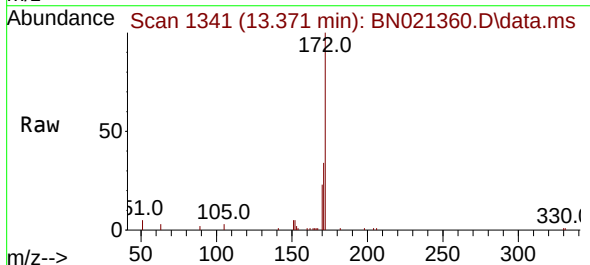
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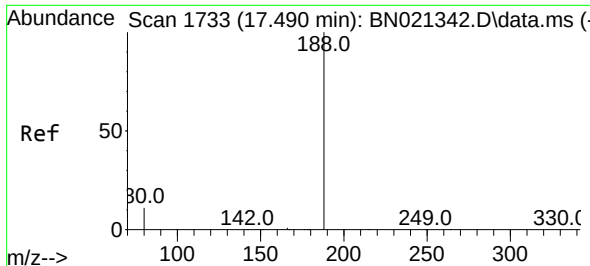
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

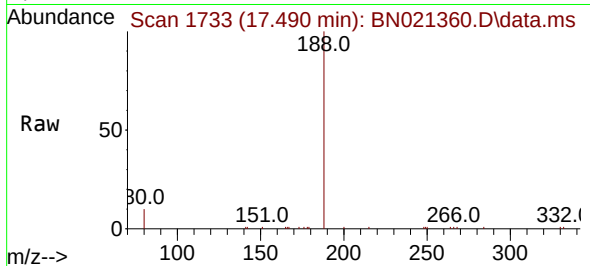
Tgt Ion:172 Resp: 7273
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 22.8 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.490 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

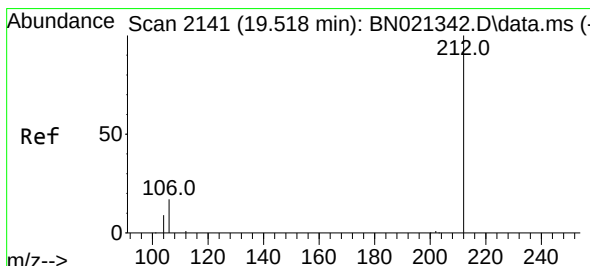
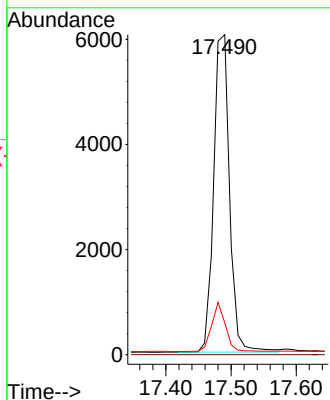
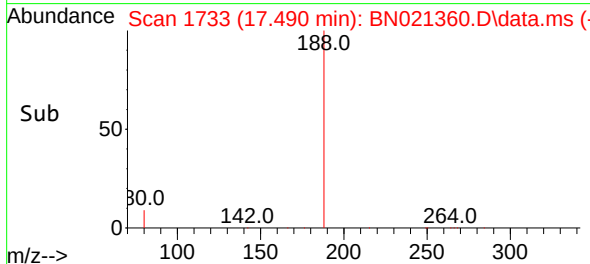
Instrument :
BNA_N
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MW179D1-20220816



Tgt Ion:188 Resp: 10259
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 9.5 14.3

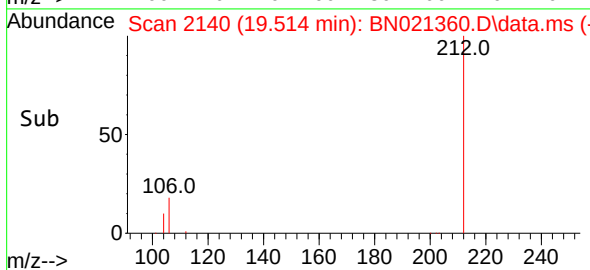
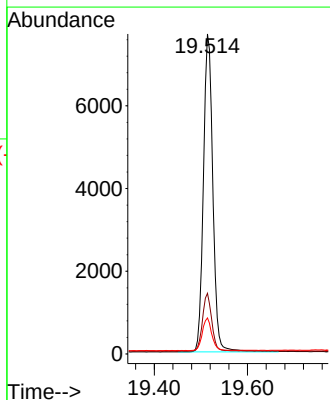
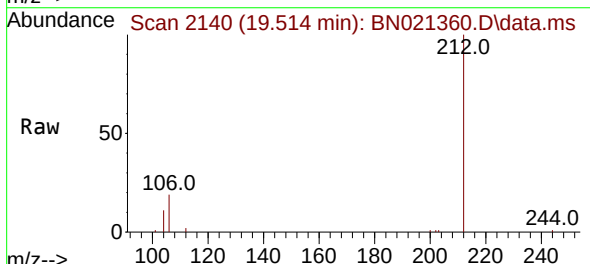
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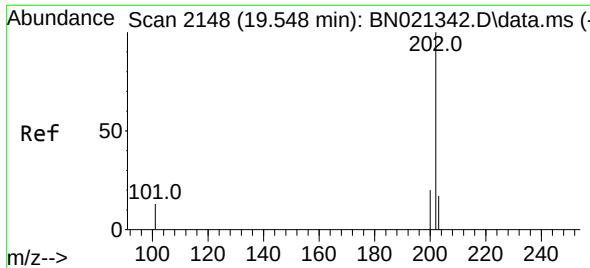
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.514 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

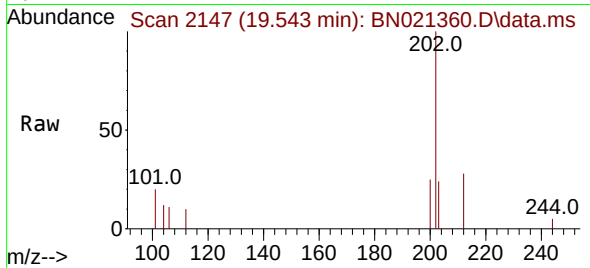
Tgt Ion:212 Resp: 10827
Ion Ratio Lower Upper
212 100
106 17.7 14.2 21.2
104 10.3 7.8 11.6





#28
Fluoranthene
Concen: 0.027 ng
RT: 19.543 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

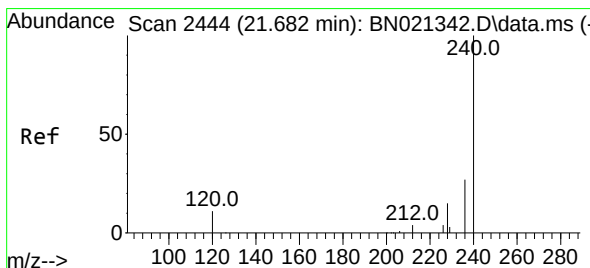
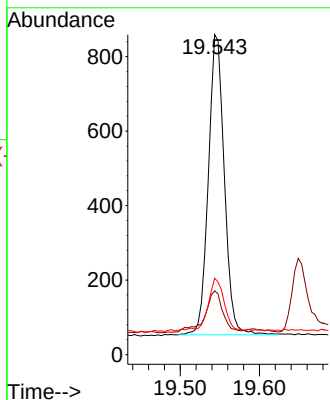
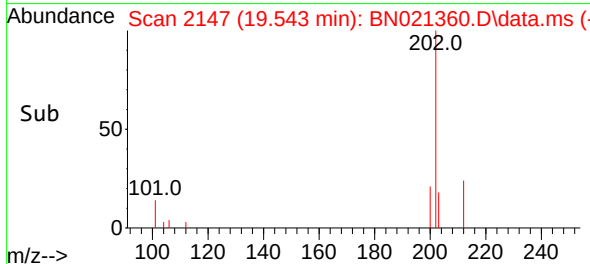
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



Tgt Ion:202 Resp: 1120
Ion Ratio Lower Upper
202 100
101 15.9 10.9 16.3
203 17.7 13.8 20.6

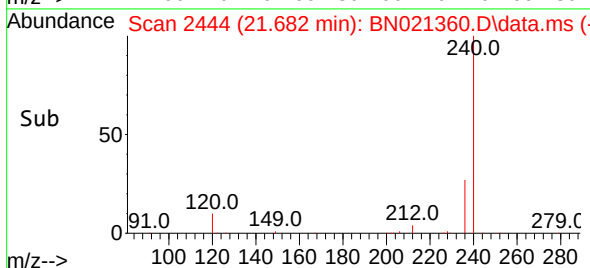
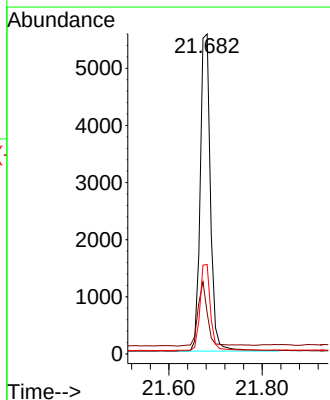
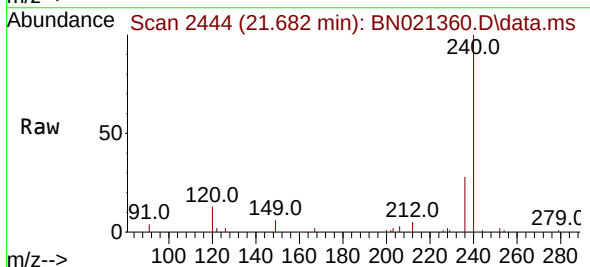
Manual Integrations
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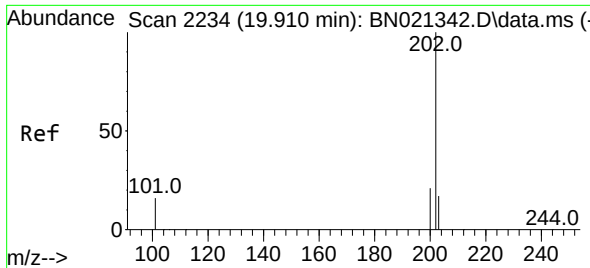
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Supervised By :Jagrut Upadhyay 08/25/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.682 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

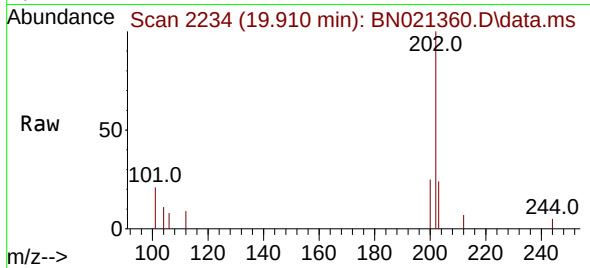
Tgt Ion:240 Resp: 8508
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 28.0 22.1 33.1





#30
Pyrene
Concen: 0.027 ng
RT: 19.910 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

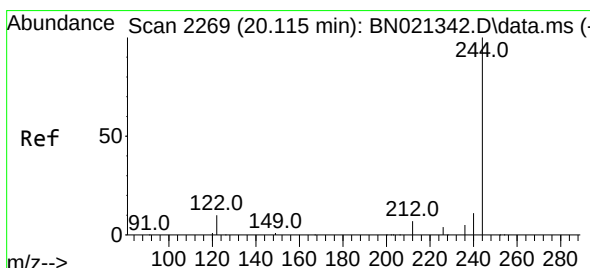
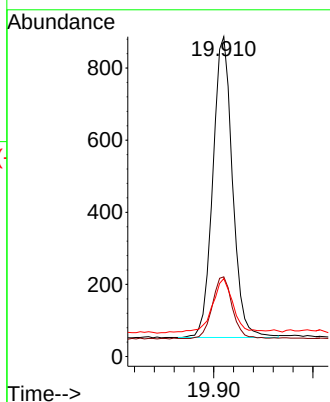
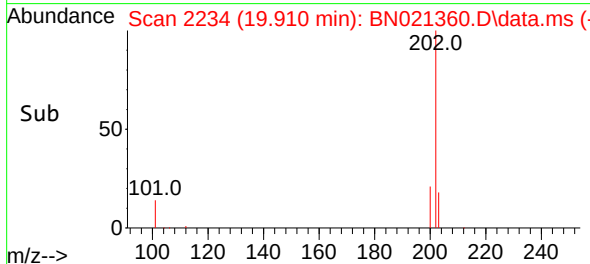
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



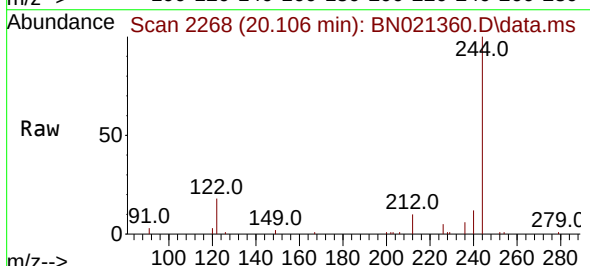
Tgt Ion:202 Resp: 1143
Ion Ratio Lower Upper
202 100
200 20.8 13.9 20.9
203 19.9 11.9 17.9

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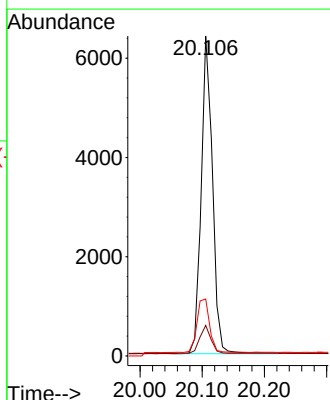
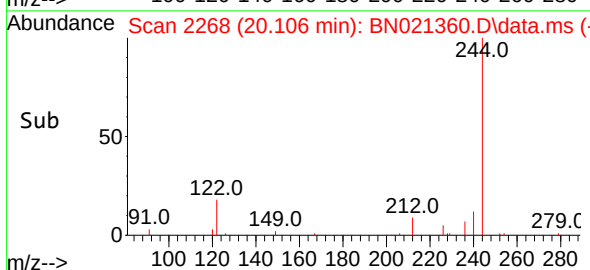
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

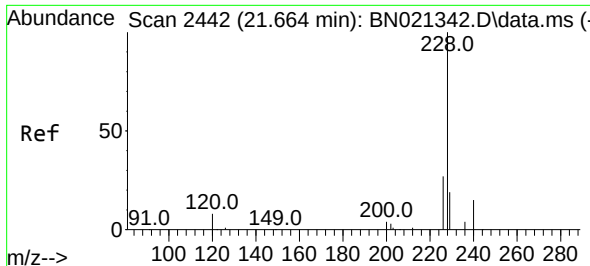


#31
Terphenyl-d14
Concen: 0.447 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11



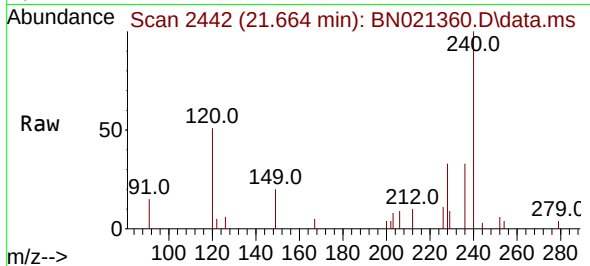
Tgt Ion:244 Resp: 8026
Ion Ratio Lower Upper
244 100
212 9.6 6.5 9.7
122 17.8 9.1 13.7





#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

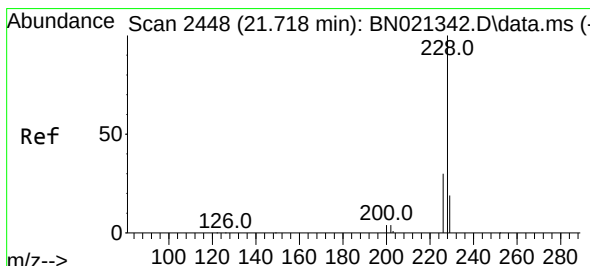
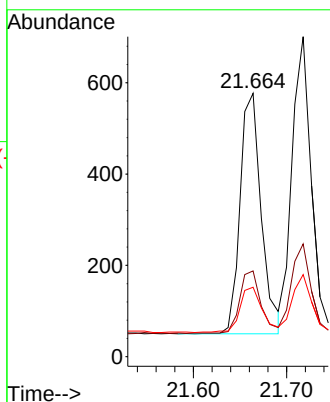
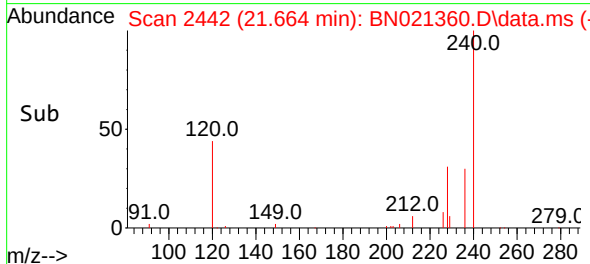
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



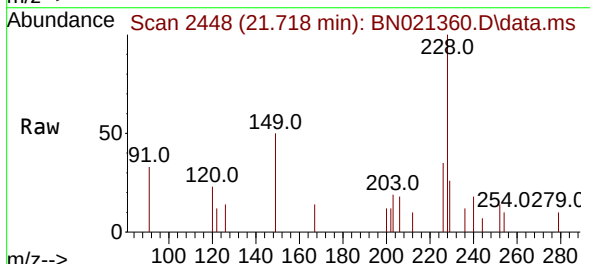
Tgt Ion:228 Resp: 83
Ion Ratio Lower Upper
228 100
226 32.6 22.0 33.0
229 26.3 15.9 23.9

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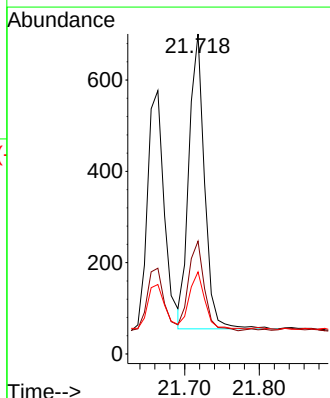
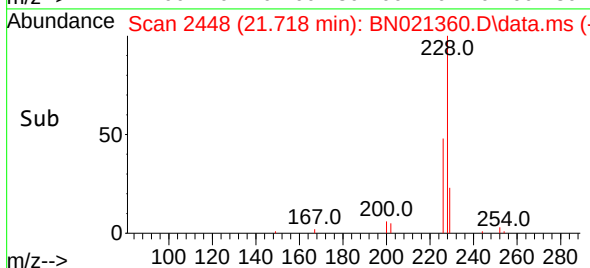
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

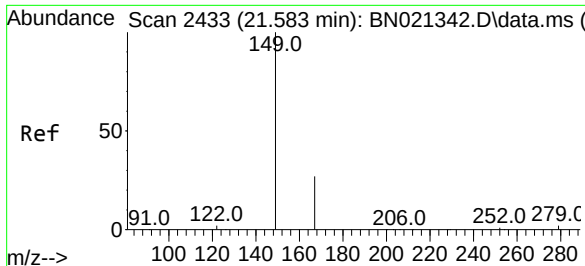


#33
Chrysene
Concen: 0.027 ng
RT: 21.718 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11



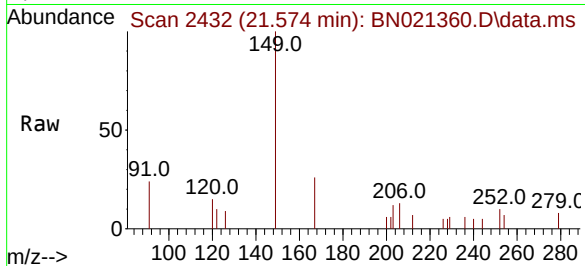
Tgt Ion:228 Resp: 934
Ion Ratio Lower Upper
228 100
226 35.2 24.2 36.2
229 25.7 15.9 23.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.057 ng
RT: 21.574 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

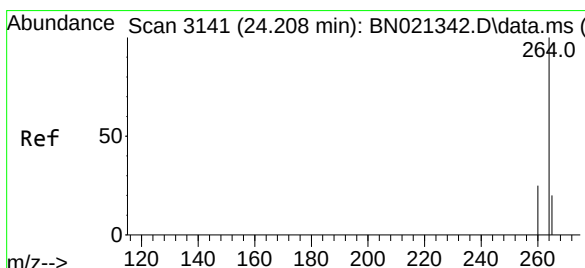
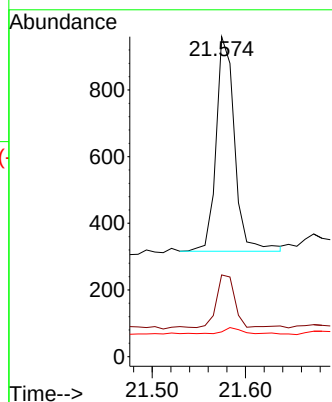
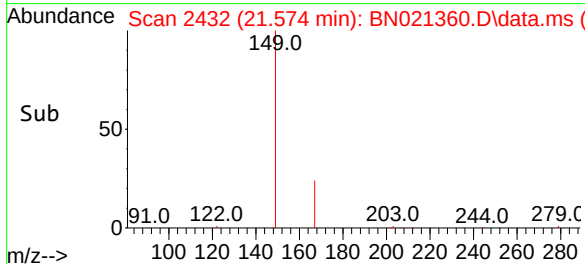
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



Tgt Ion:149 Resp: 88
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.0
279 3.0 2.2 3.2

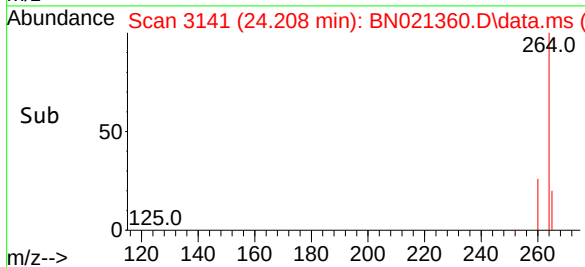
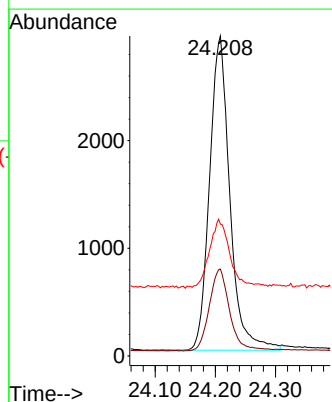
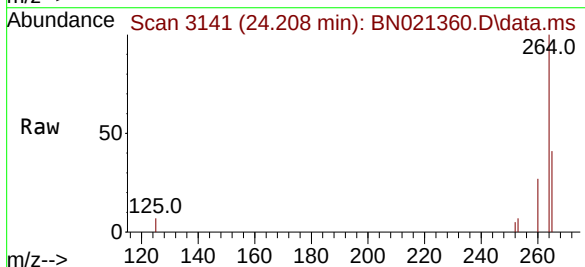
Manual Integrations
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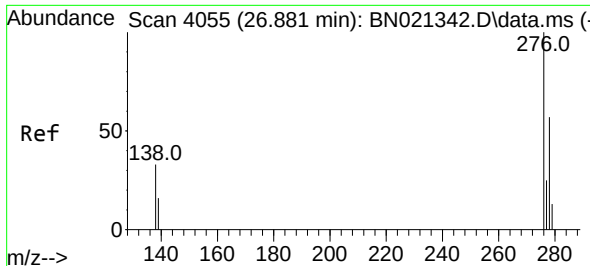
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.208 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

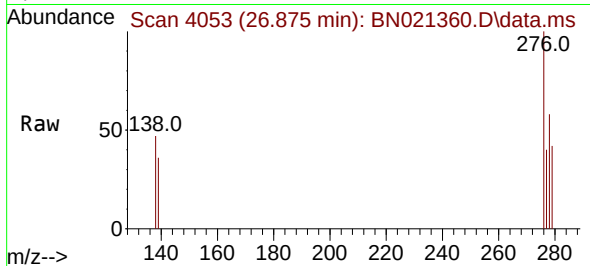
Tgt Ion:264 Resp: 6832
Ion Ratio Lower Upper
264 100
260 27.2 21.0 31.6
265 41.2 32.2 48.2





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 26.875 min Scan# 4053
Delta R.T. -0.006 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

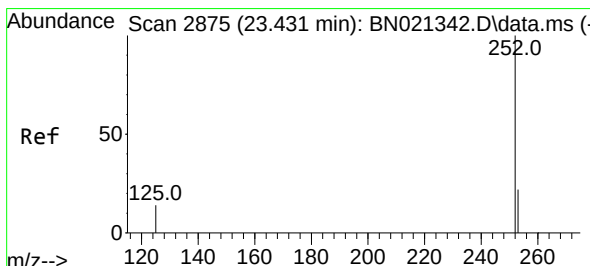
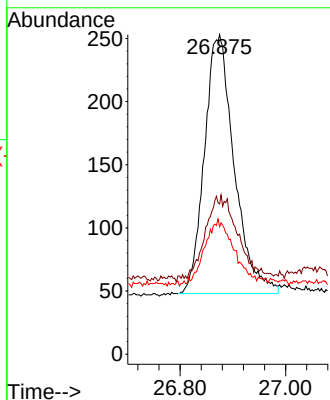
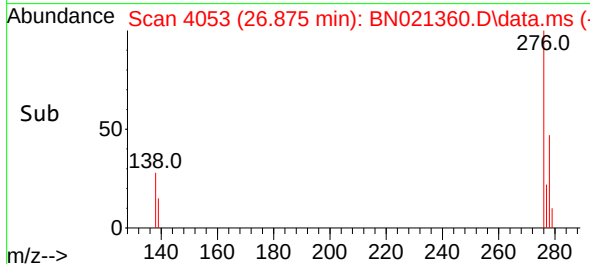
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



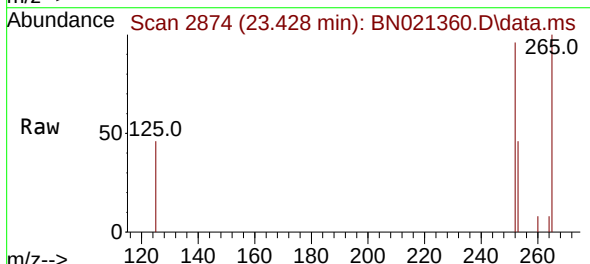
Tgt Ion:276 Resp: 804
Ion Ratio Lower Upper
276 100
138 15.3 27.4 41.2#
277 25.9 19.9 29.9

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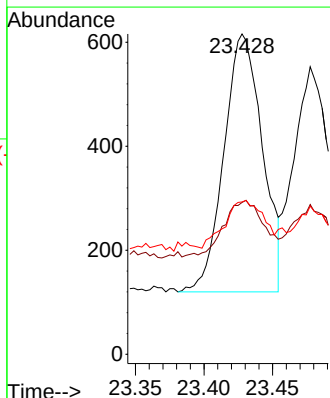
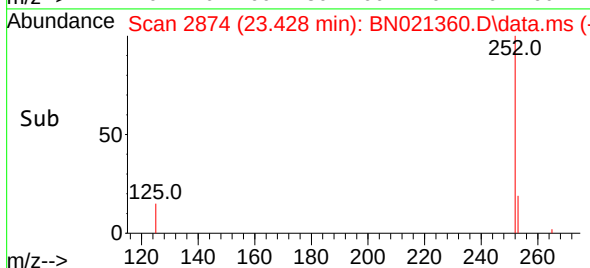
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

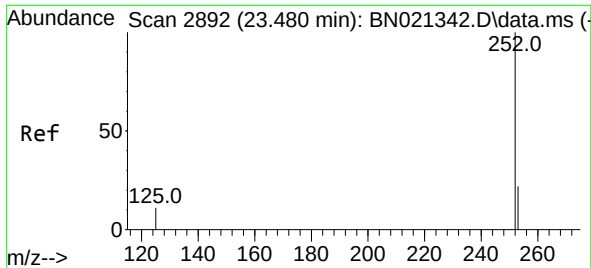


#37
Benzo(b)fluoranthene
Concen: 0.032 ng
RT: 23.428 min Scan# 2874
Delta R.T. -0.003 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11



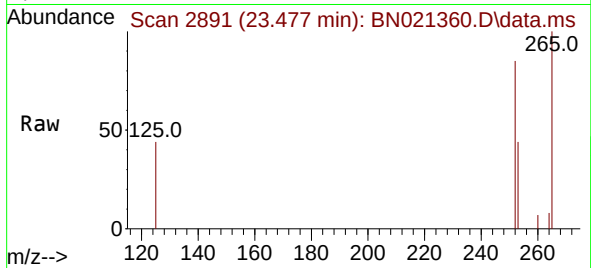
Tgt Ion:252 Resp: 969
Ion Ratio Lower Upper
252 100
253 47.4 19.8 29.6#
125 47.6 13.7 20.5#





#38
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.477 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

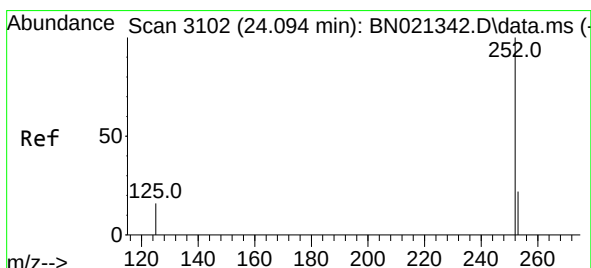
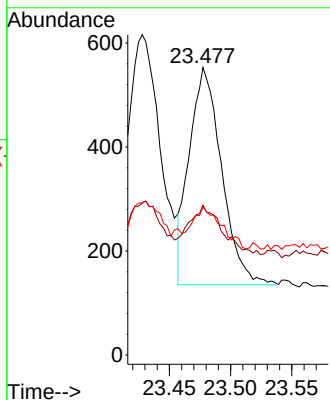
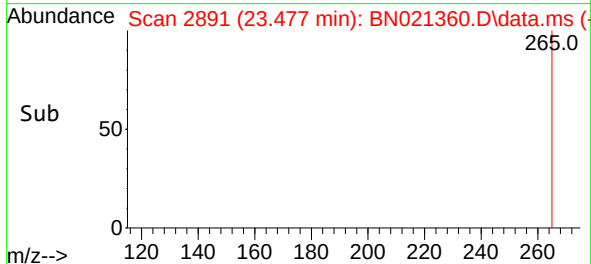
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



Tgt Ion:252 Resp: 76
Ion Ratio Lower Upper
252 100
253 52.1 19.5 29.3#
125 51.5 12.3 18.5#

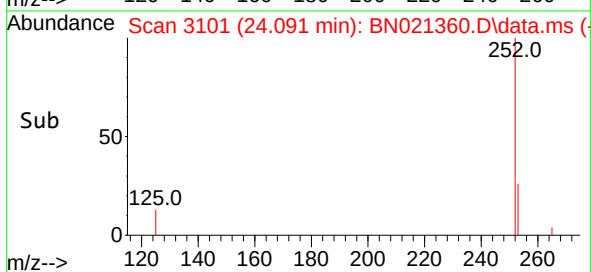
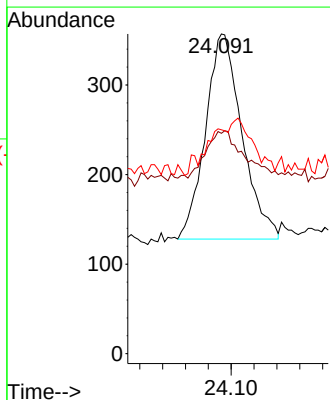
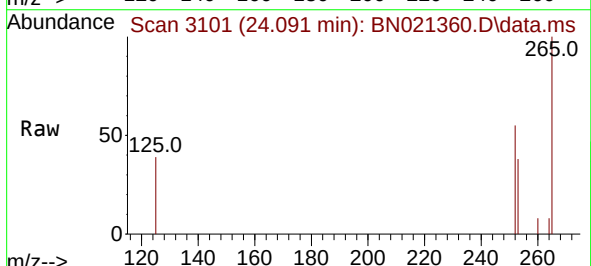
Manual Integrations
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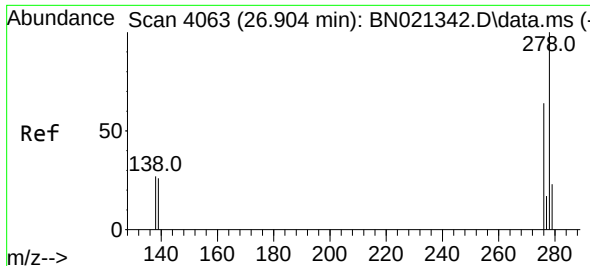
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#39
Benzo(a)pyrene
Concen: 0.021 ng
RT: 24.091 min Scan# 3101
Delta R.T. -0.003 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

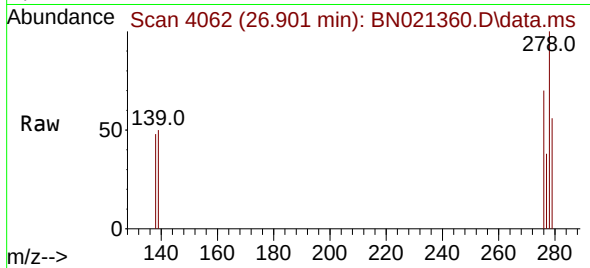
Tgt Ion:252 Resp: 508
Ion Ratio Lower Upper
252 100
253 68.9 21.1 31.7#
125 70.0 16.6 25.0#





#40
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 26.901 min Scan# 4062
Delta R.T. -0.003 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

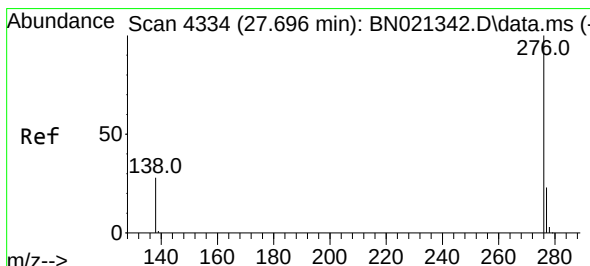
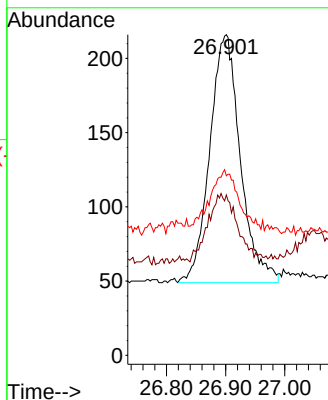
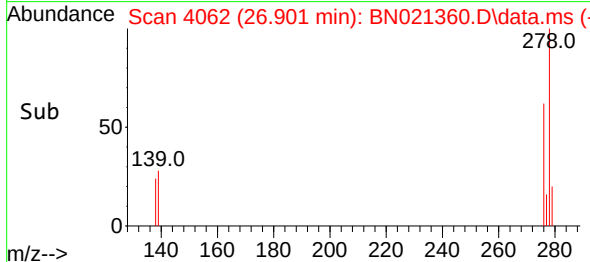
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816



Tgt Ion:278 Resp: 600
Ion Ratio Lower Upper
278 100
139 50.0 21.8 32.6
279 56.0 20.4 30.6

Manual Integrations
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Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#41
Benzo(g,h,i)perylene
Concen: 0.026 ng
RT: 27.685 min Scan# 4330
Delta R.T. -0.012 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Tgt Ion:276 Resp: 783
Ion Ratio Lower Upper
276 100
277 40.8 19.7 29.5#
138 45.1 23.7 35.5#

