

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
 Data File : BN023005.D
 Acq On : 01 Dec 2022 05:21
 Operator : CG/JU
 Sample : N5756-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D3-20221120

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/01/2022
 Supervised By : Jagrut Upadhyay 12/01/2022

Quant Time: Dec 01 05:51:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	5962	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	16565	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	8166	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	17476	0.400	ng	0.00
29) Chrysene-d12	21.629	240	11761	0.400	ng	# 0.00
35) Perylene-d12	24.110	264	7988	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1357	0.088	ng	0.00
5) Phenol-d6	7.204	99	1089	0.055	ng	0.00
8) Nitrobenzene-d5	9.217	82	2938	0.228	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	5383	0.150	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	947	0.240	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	9404	0.252	ng	0.00
27) Fluoranthene-d10	19.469	212	11681	0.246	ng	0.00
31) Terphenyl-d14	20.062	244	9652	0.349	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.925	128	1176	0.023	ng	# 81
25) Phenanthrene	17.476	178	1482m	0.024	ng	
30) Pyrene	19.861	202	1301	0.021	ng	97
32) Benzo(a)anthracene	21.611	228	1404	0.030	ng	# 90
33) Chrysene	21.665	228	1532	0.031	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.531	149	12394	0.649	ng	98
36) Indeno(1,2,3-cd)pyrene	26.706	276	936	0.028	ng	97
37) Benzo(b)fluoranthene	23.347	252	1237	0.035	ng	# 16
38) Benzo(k)fluoranthene	23.397	252	1162m	0.030	ng	
39) Benzo(a)pyrene	23.999	252	630	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	26.735	278	804	0.031	ng	# 41
41) Benzo(g,h,i)perylene	27.510	276	835	0.029	ng	# 63

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

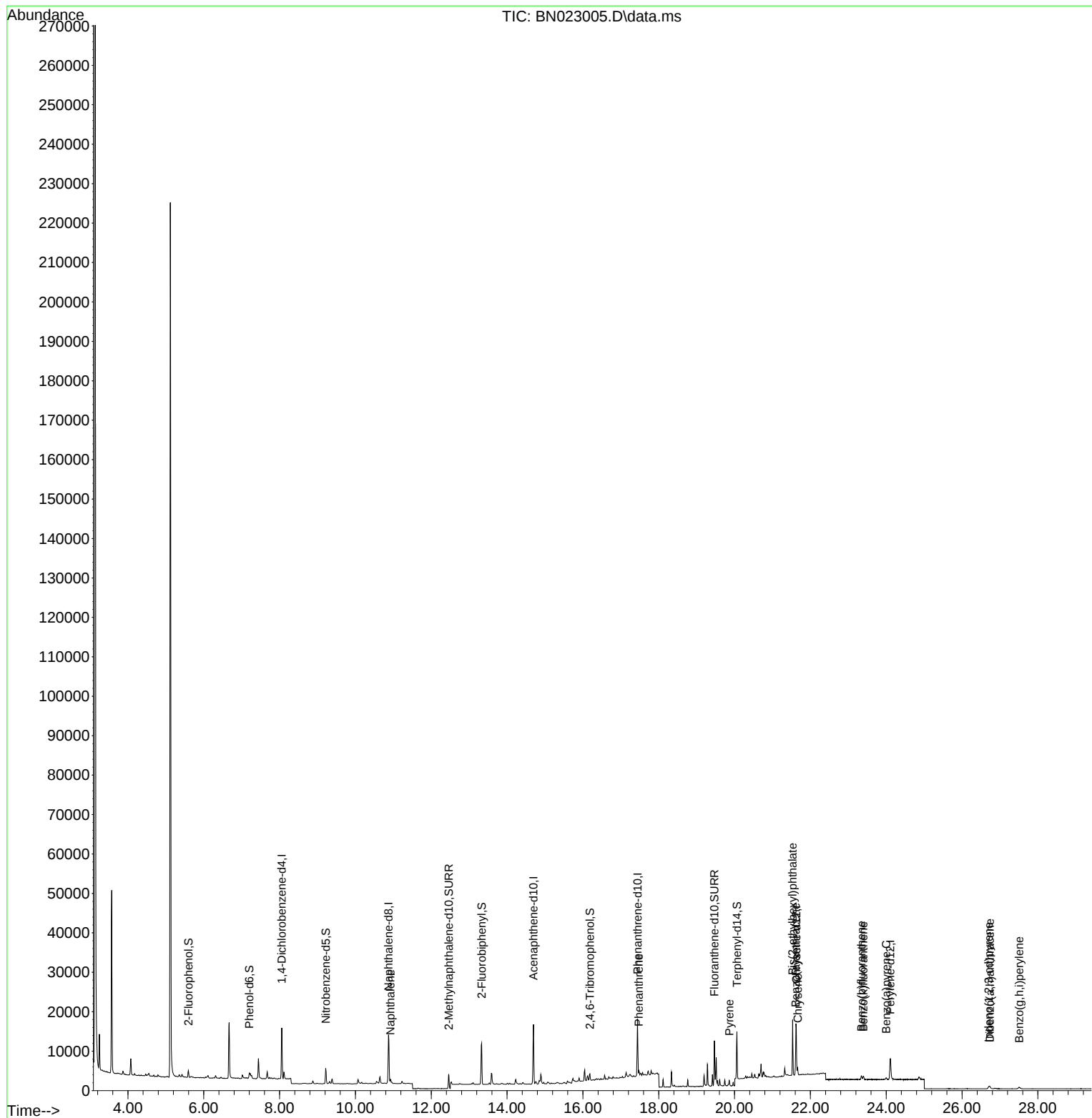
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN023005.D
Acq On : 01 Dec 2022 05:21
Operator : CG/JU
Sample : N5756-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

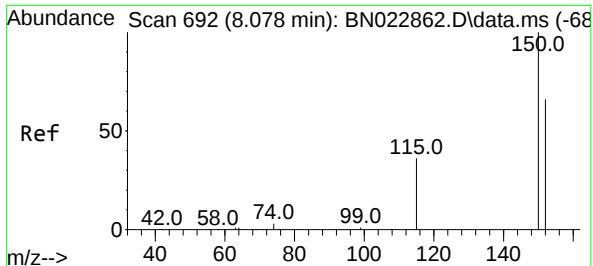
Instrument :
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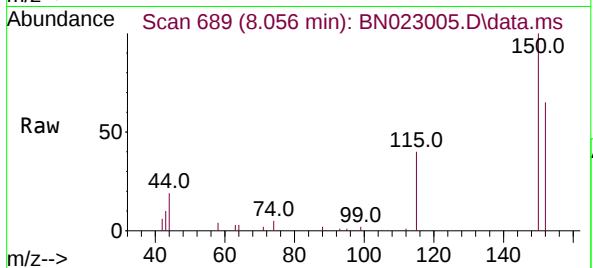
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.056 min Scan# 689
Delta R.T. -0.008 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

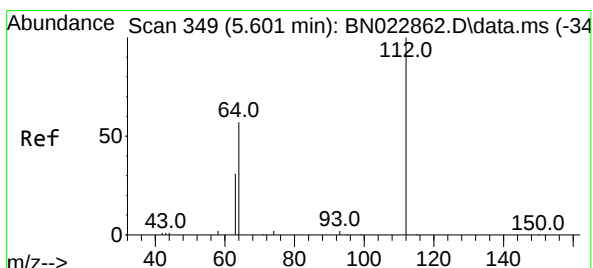
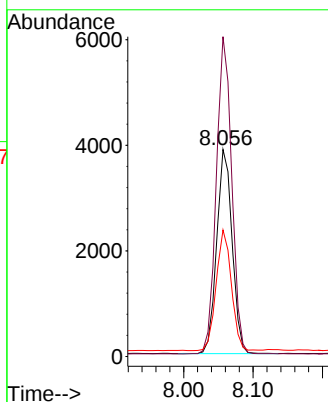
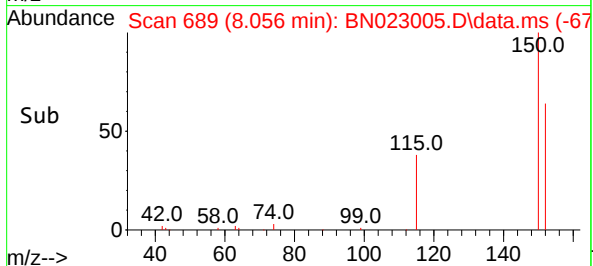
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20221120



Tgt Ion:152 Resp: 5962
Ion Ratio Lower Upper
152 100
150 154.4 121.2 181.8
115 61.1 46.2 69.4

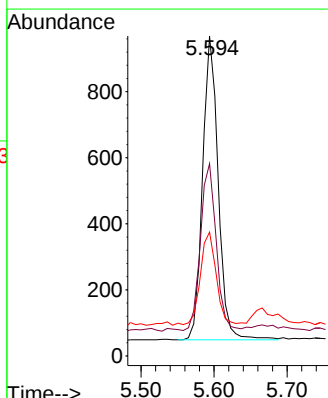
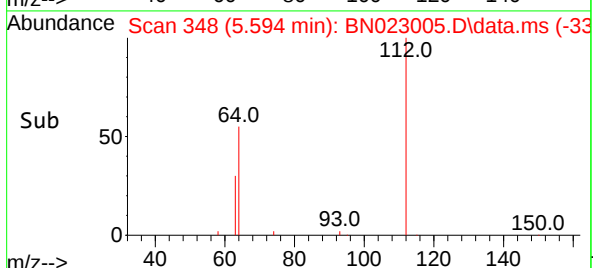
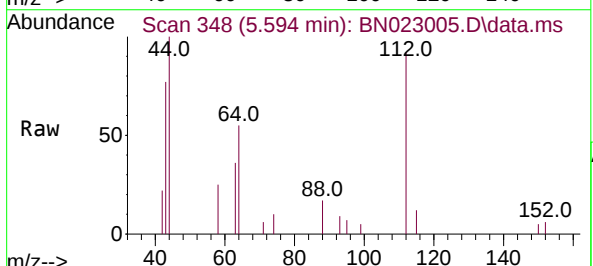
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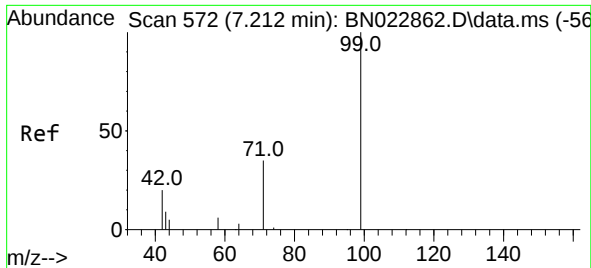
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#4
2-Fluorophenol
Concen: 0.088 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.007 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

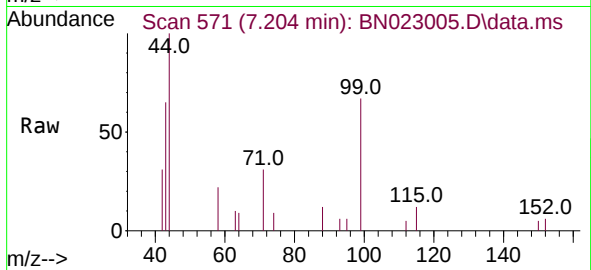
Tgt Ion:112 Resp: 1357
Ion Ratio Lower Upper
112 100
64 55.5 43.4 65.2
63 30.4 23.4 35.2





#5
Phenol-d6
Concen: 0.055 ng
RT: 7.204 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

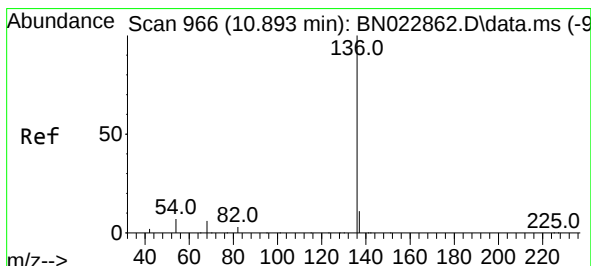
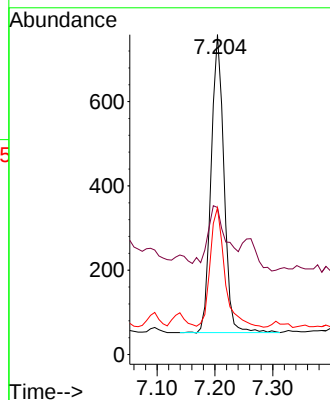
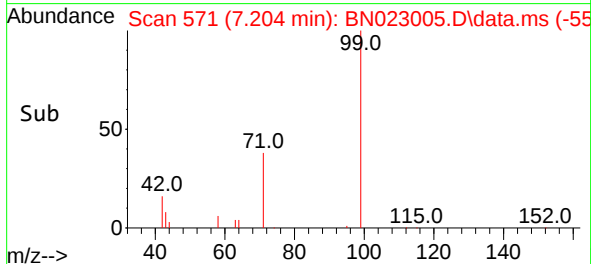
Instrument :
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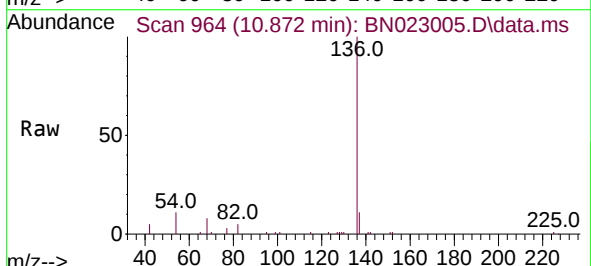
Tgt Ion: 99 Resp: 1089
Ion Ratio Lower Upper
99 100
42 29.4 16.0 24.0
71 45.5 26.8 40.2

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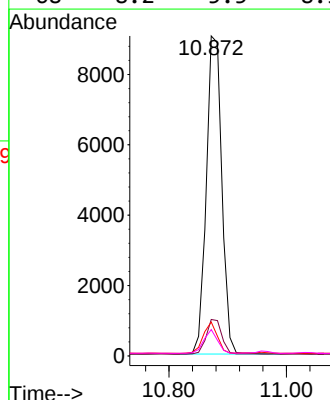
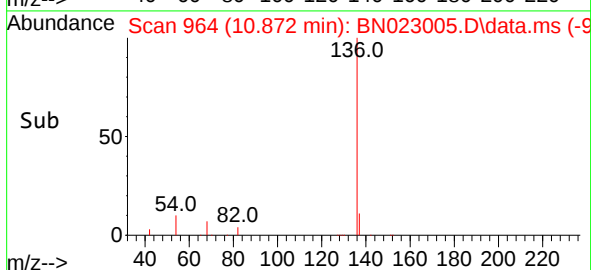
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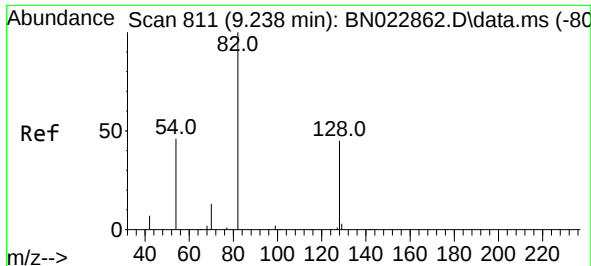


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21



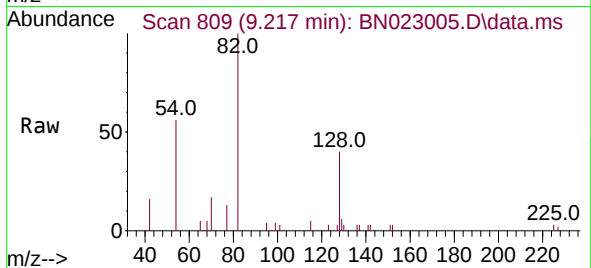
Tgt Ion:136 Resp: 16565
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.6 6.6 9.8
68 8.2 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.228 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

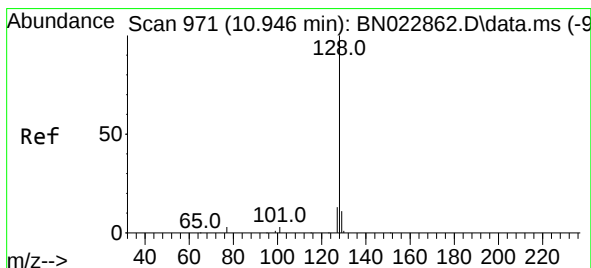
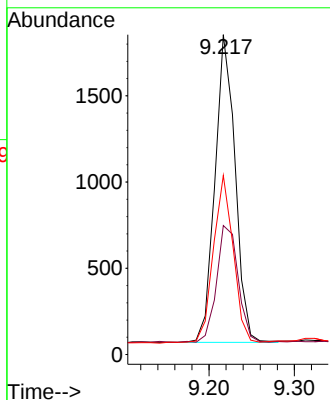
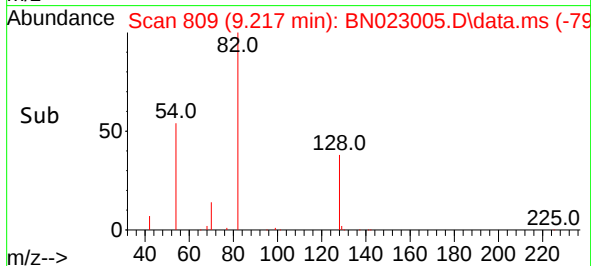
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20221120



Tgt Ion: 82 Resp: 2938
Ion Ratio Lower Upper
82 100
128 40.3 36.6 54.8
54 56.0 38.5 57.7

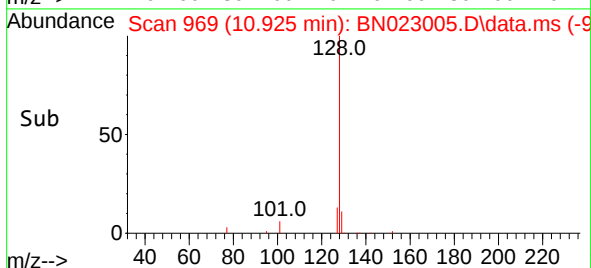
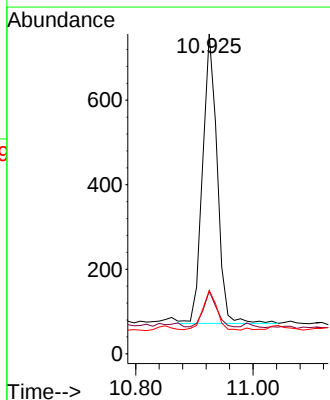
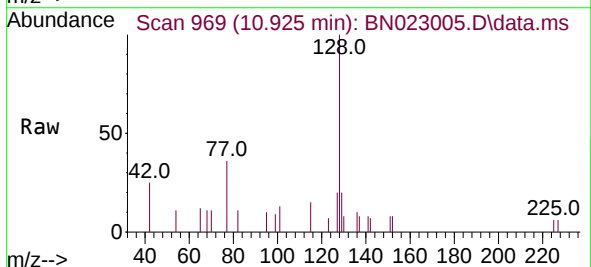
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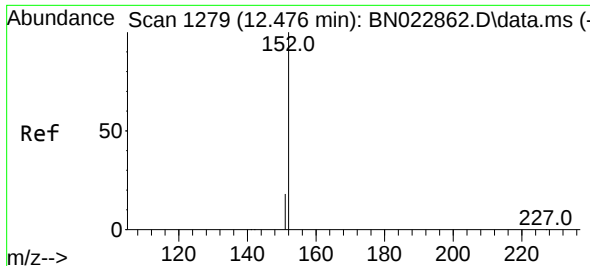
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#9
Naphthalene
Concen: 0.023 ng
RT: 10.925 min Scan# 969
Delta R.T. -0.011 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

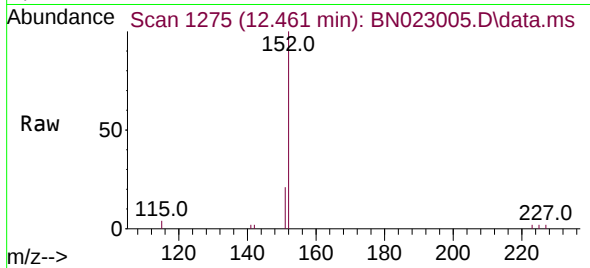
Tgt Ion:128 Resp: 1176
Ion Ratio Lower Upper
128 100
129 19.6 9.0 13.4#
127 19.8 10.8 16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.150 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

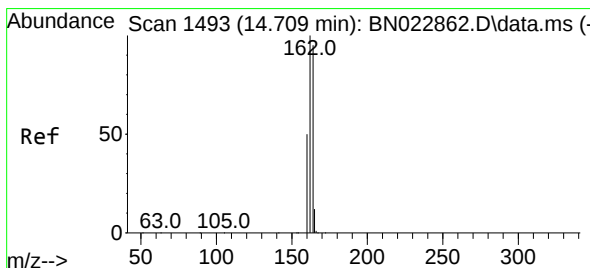
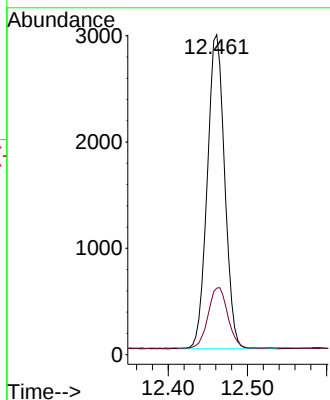
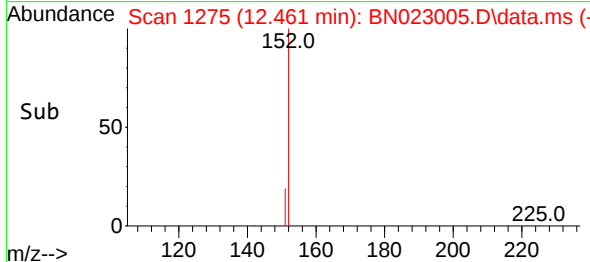
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20221120



Tgt Ion:152 Resp: 538
Ion Ratio Lower Upper
152 100
151 19.6 18.6 27.8

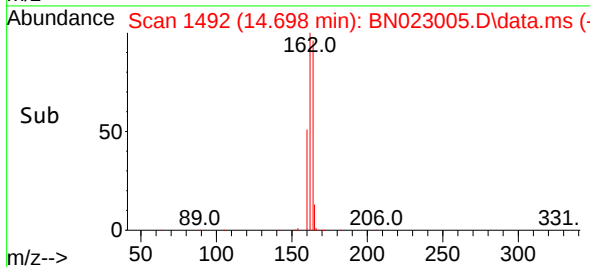
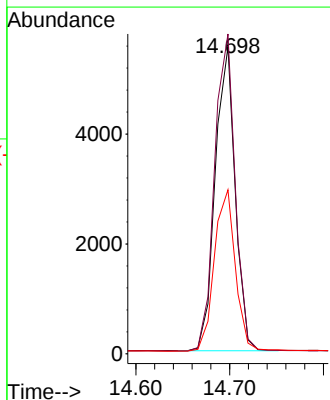
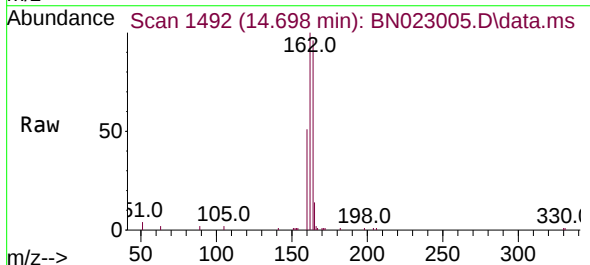
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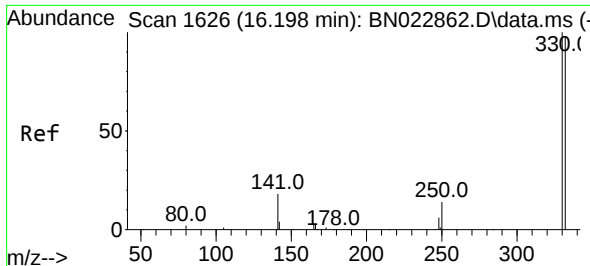
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

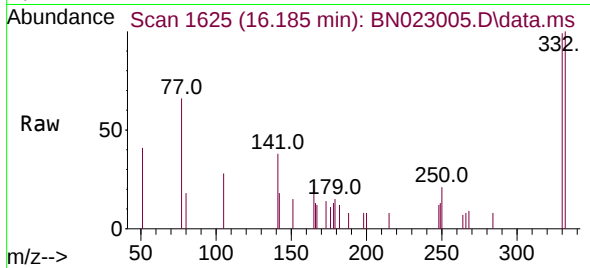
Tgt Ion:164 Resp: 8166
Ion Ratio Lower Upper
164 100
162 104.2 84.2 126.4
160 53.5 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 16.185 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

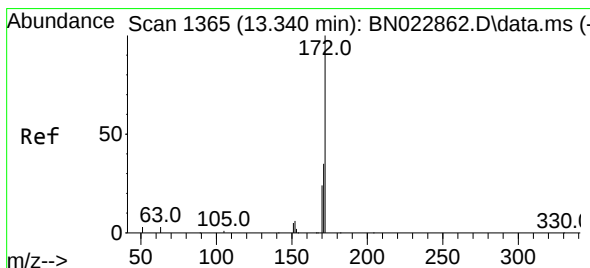
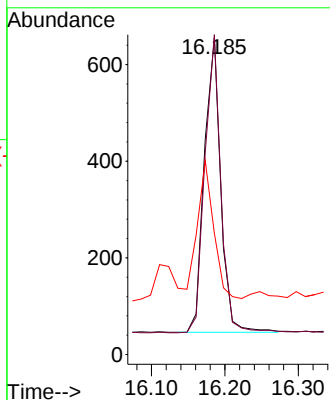
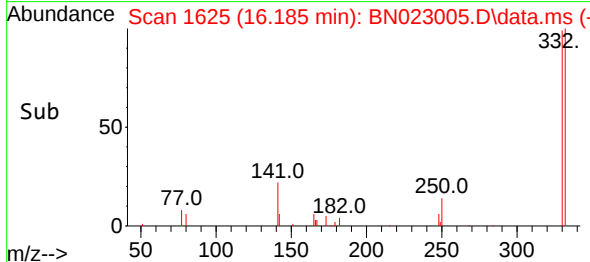
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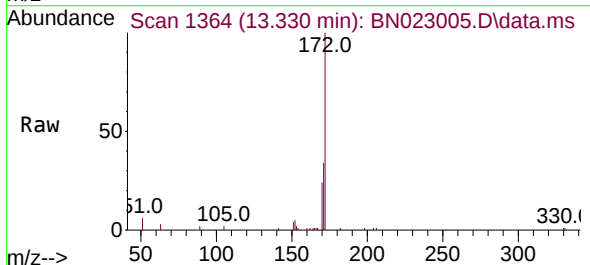
Tgt Ion:330 Resp: 947
Ion Ratio Lower Upper
330 100
332 99.0 76.5 114.7
141 45.4 32.6 48.8

Manual Integrations
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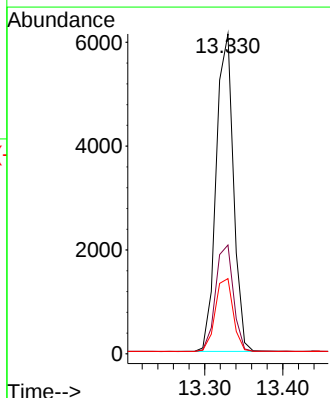
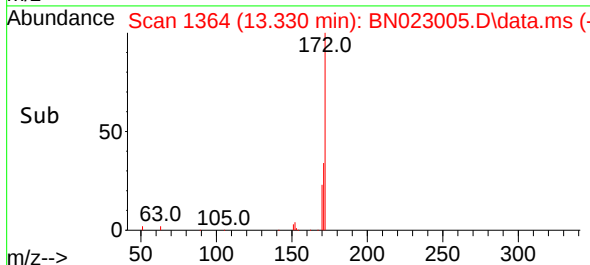
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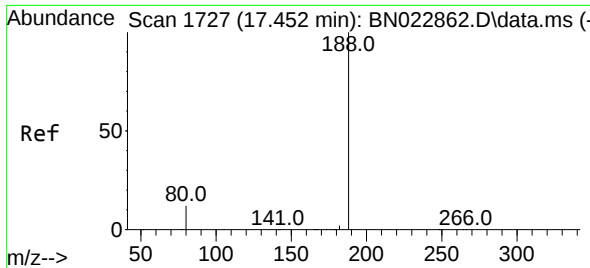


#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21



Tgt Ion:172 Resp: 9404
Ion Ratio Lower Upper
172 100
171 34.0 28.2 42.4
170 23.5 19.3 28.9





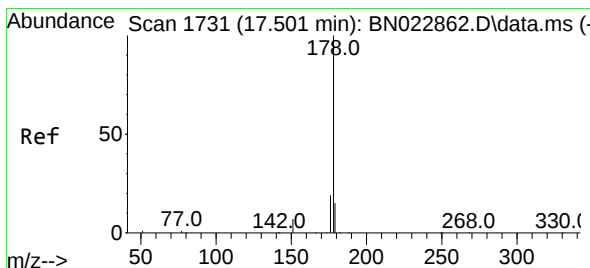
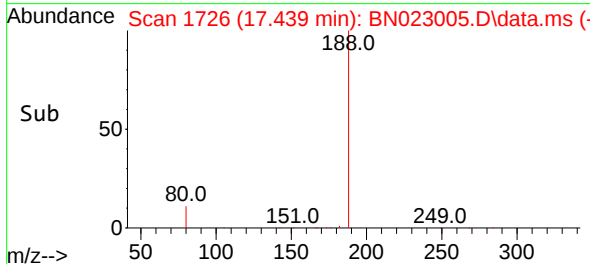
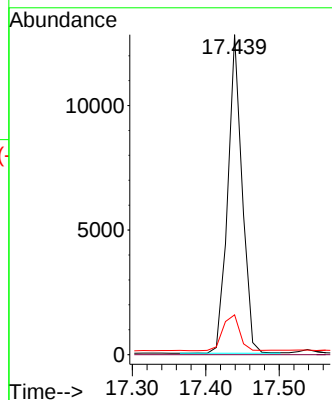
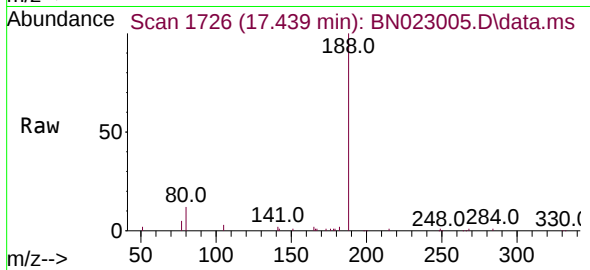
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

Instrument :
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RW9-MW01D3-20221120

Tgt Ion:188 Resp: 17476
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 10.3 15.5

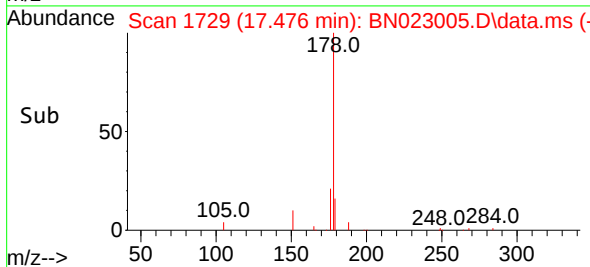
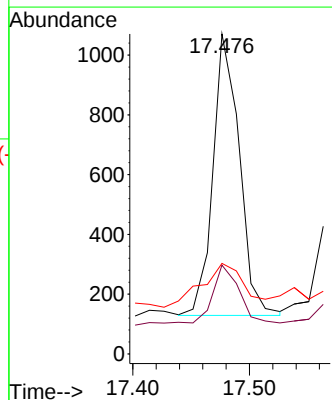
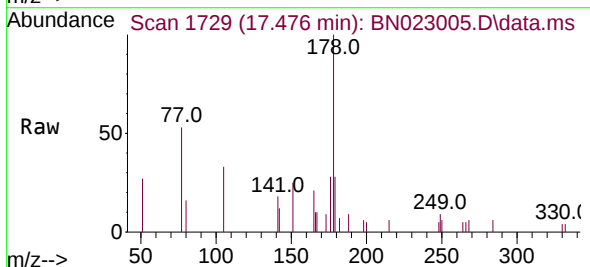
Manual Integrations
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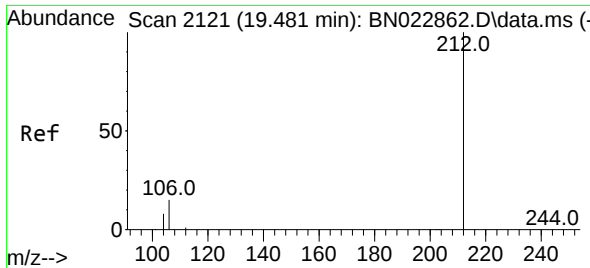
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#25
Phenanthrene
Concen: 0.024 ng m
RT: 17.476 min Scan# 1729
Delta R.T. -0.012 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

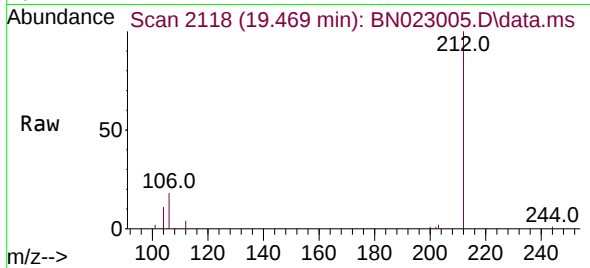
Tgt Ion:178 Resp: 1482
Ion Ratio Lower Upper
178 100
176 22.9 15.6 23.4
179 25.2 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.246 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

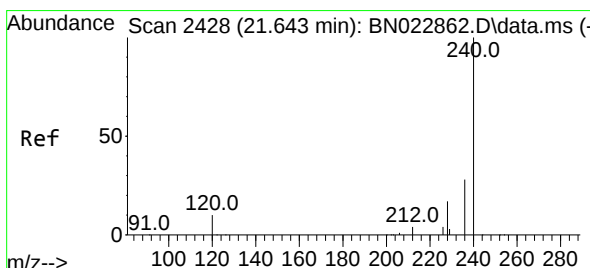
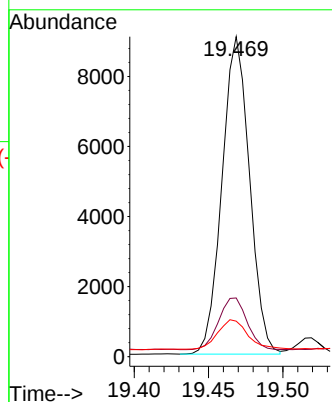
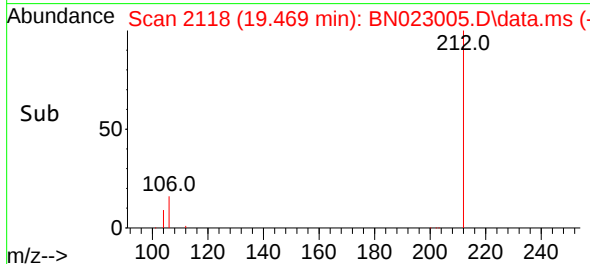
Instrument :
BNA_N
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Tgt Ion:212 Resp: 11681
Ion Ratio Lower Upper
212 100
106 16.8 12.3 18.5
104 10.0 7.0 10.4

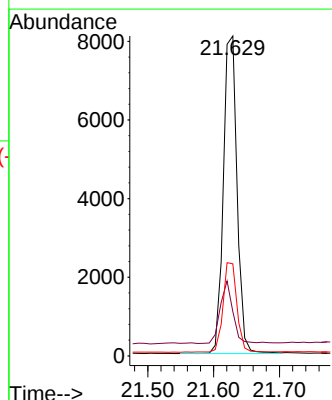
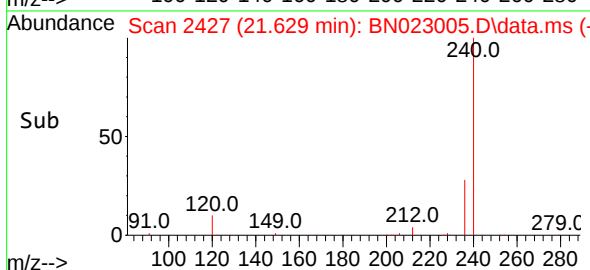
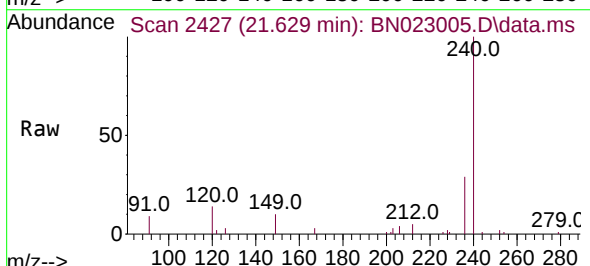
Manual Integrations
APPROVED

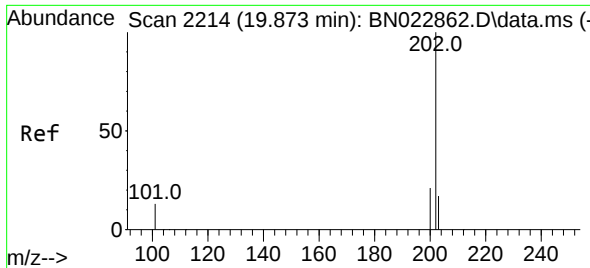
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

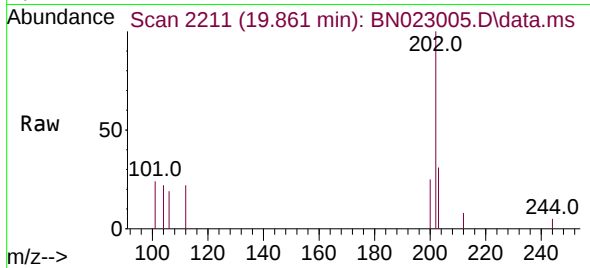
Tgt Ion:240 Resp: 11761
Ion Ratio Lower Upper
240 100
120 13.8 9.2 13.8#
236 28.8 22.6 34.0





#30
Pyrene
Concen: 0.021 ng
RT: 19.861 min Scan# 211
Delta R.T. -0.004 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

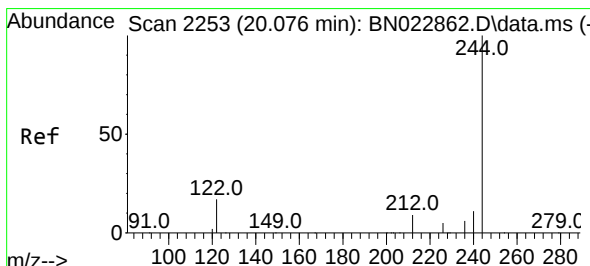
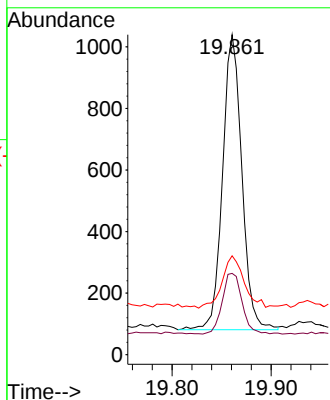
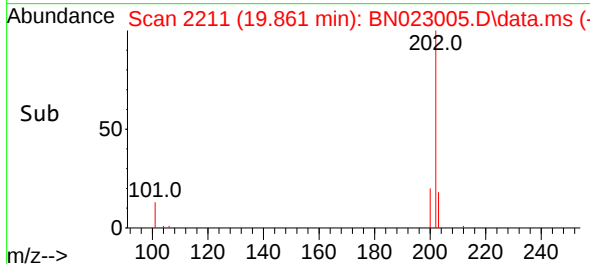
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20221120



Tgt Ion:202 Resp: 1301
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 20.4 14.2 21.2

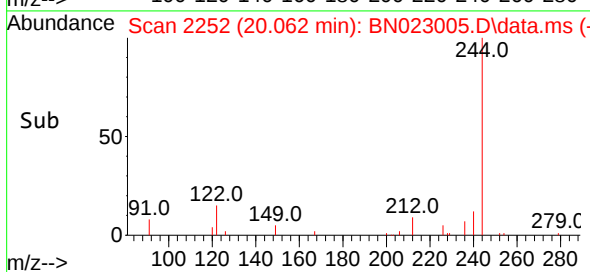
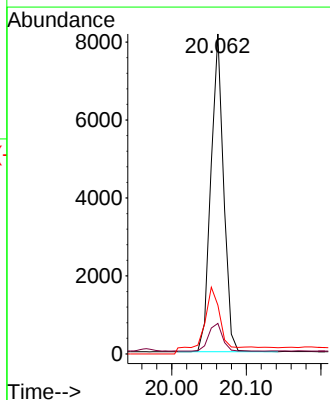
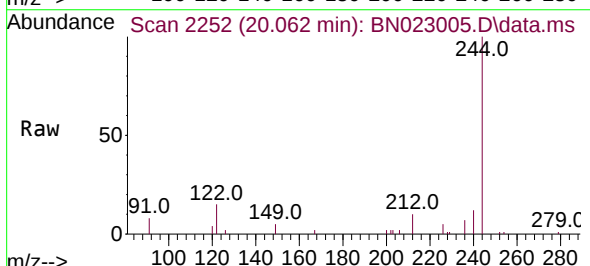
Manual Integrations
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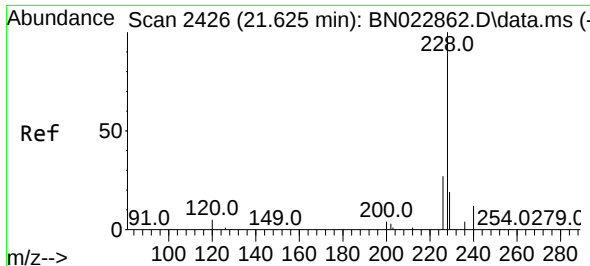
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#31
Terphenyl-d14
Concen: 0.349 ng
RT: 20.062 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

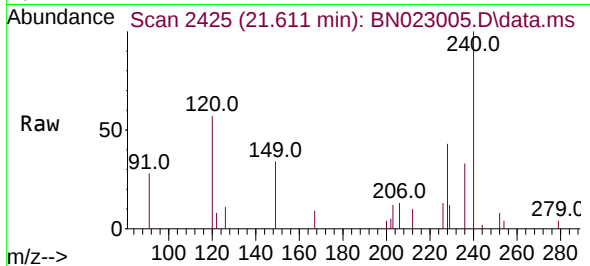
Tgt Ion:244 Resp: 9652
Ion Ratio Lower Upper
244 100
212 9.5 7.9 11.9
122 15.2 13.9 20.9





#32
Benzo(a)anthracene
Concen: 0.030 ng
RT: 21.611 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

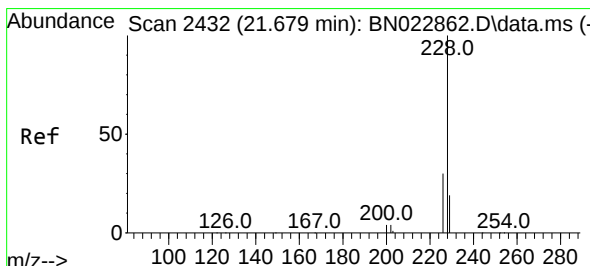
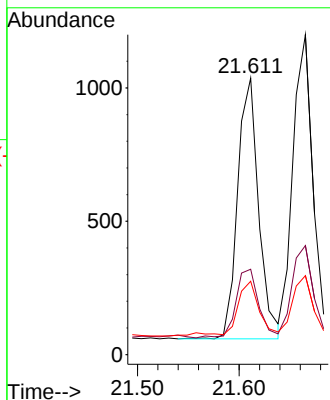
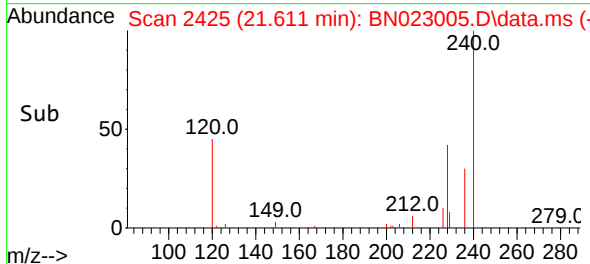
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20221120



Tgt Ion:228 Resp: 1404
Ion Ratio Lower Upper
228 100
226 30.9 22.1 33.1
229 26.5 15.8 23.6

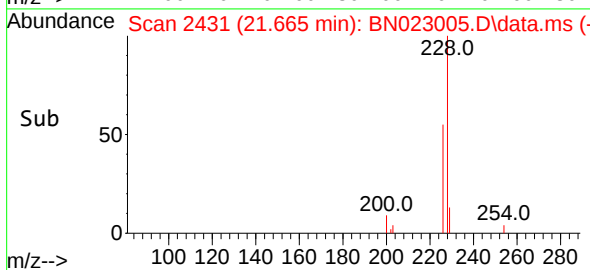
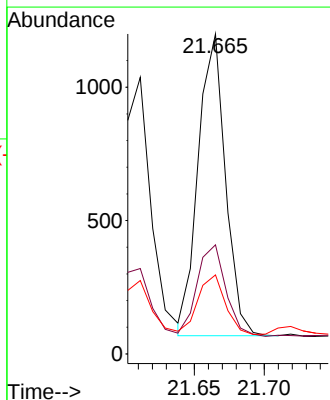
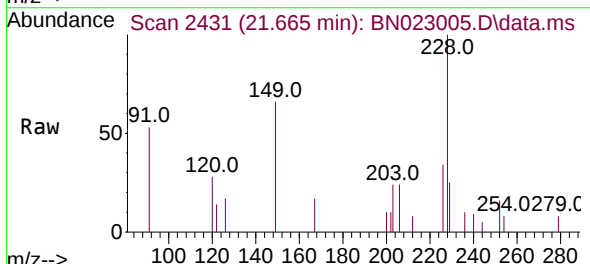
Manual Integrations
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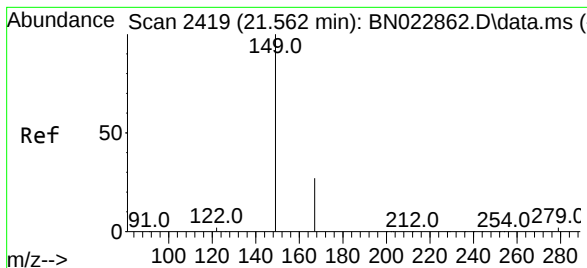
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#33
Chrysene
Concen: 0.031 ng
RT: 21.665 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

Tgt Ion:228 Resp: 1532
Ion Ratio Lower Upper
228 100
226 34.1 24.5 36.7
229 24.7 15.8 23.6





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.649 ng

RT: 21.531 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BN023005.D

Acq: 01 Dec 2022 05:21

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D3-20221120

Tgt Ion:149 Resp: 12394

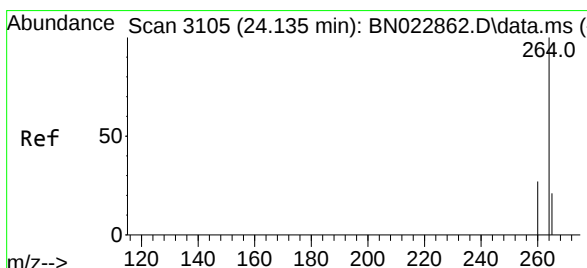
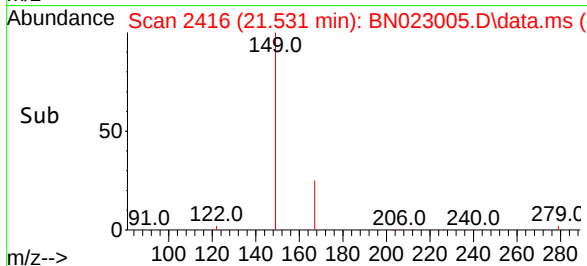
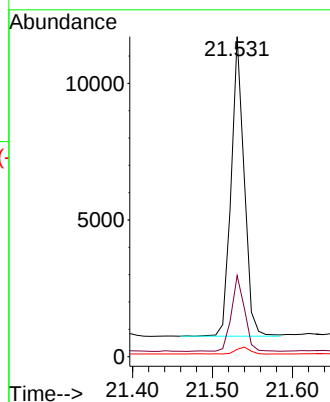
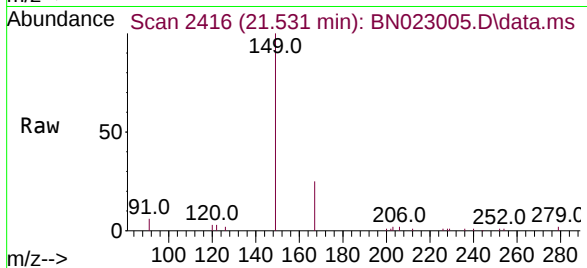
Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	2.4	2.3	3.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/01/2022

Supervised By :Jagrut Upadhyay 12/01/2022



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.110 min Scan# 3096

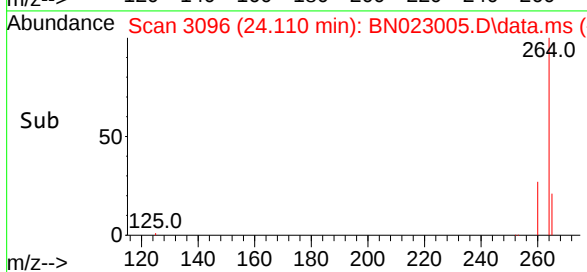
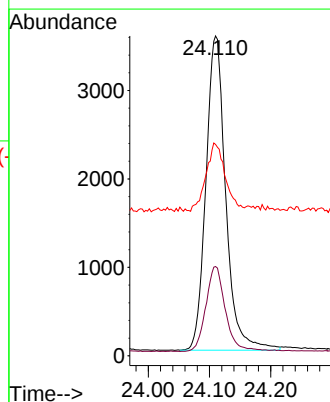
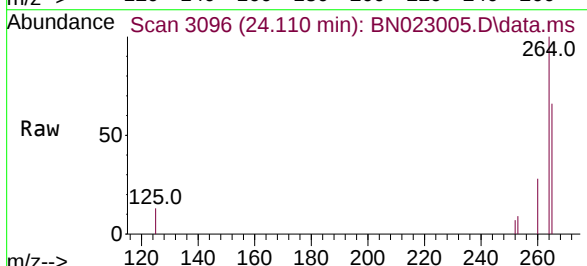
Delta R.T. -0.003 min

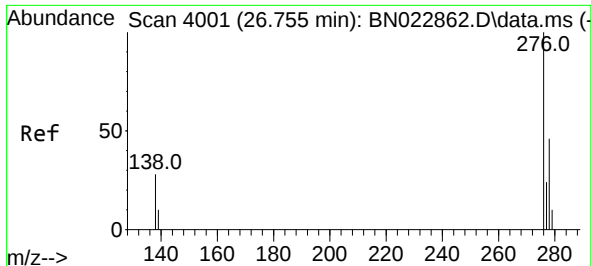
Lab File: BN023005.D

Acq: 01 Dec 2022 05:21

Tgt Ion:264 Resp: 7988

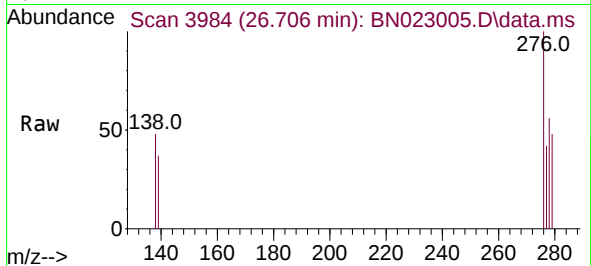
Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.7	32.5
265	66.1	31.0	46.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng
RT: 26.706 min Scan# 3984
Delta R.T. -0.012 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

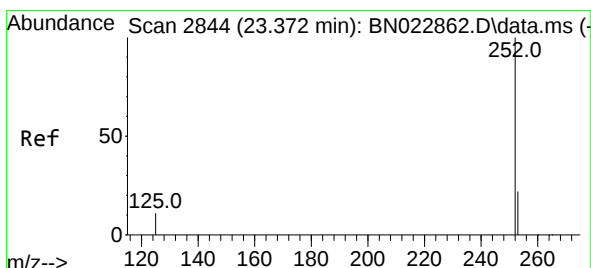
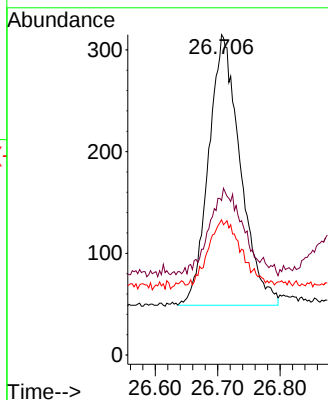
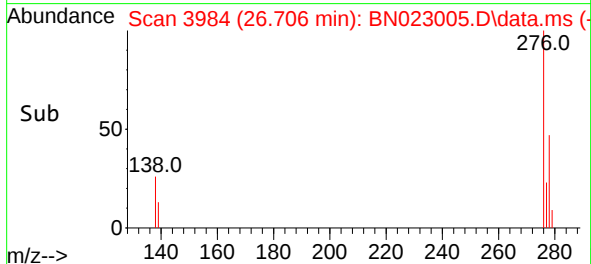
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20221120



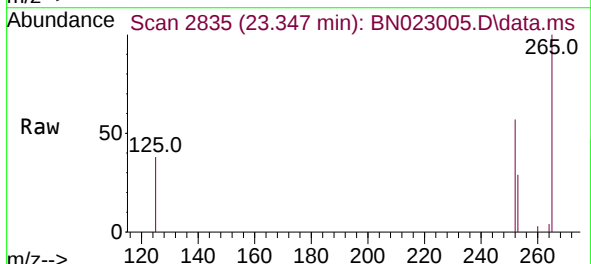
Tgt Ion:276 Resp: 936
Ion Ratio Lower Upper
276 100
138 33.0 24.4 36.6
277 25.7 19.9 29.9

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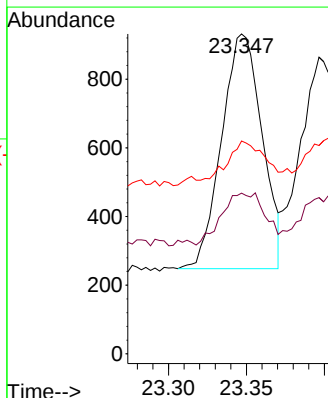
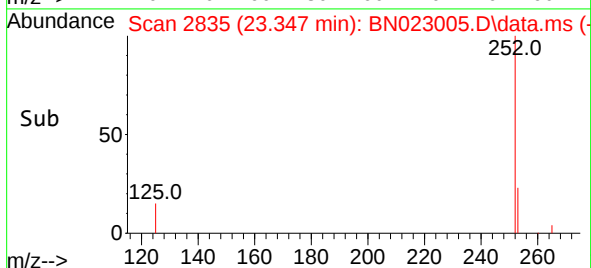
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

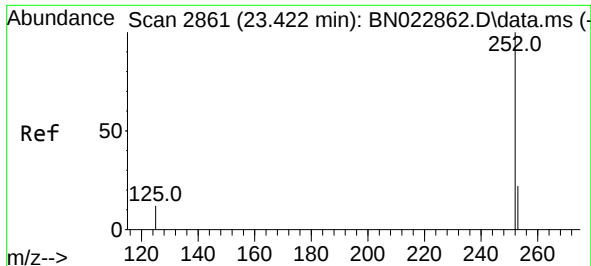


#37
Benzo(b)fluoranthene
Concen: 0.035 ng
RT: 23.347 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21



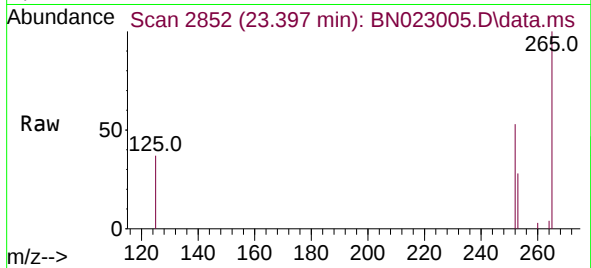
Tgt Ion:252 Resp: 1237
Ion Ratio Lower Upper
252 100
253 50.2 18.5 27.7#
125 66.5 10.8 16.2#





#38
Benzo(k)fluoranthene
Concen: 0.030 ng m
RT: 23.397 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

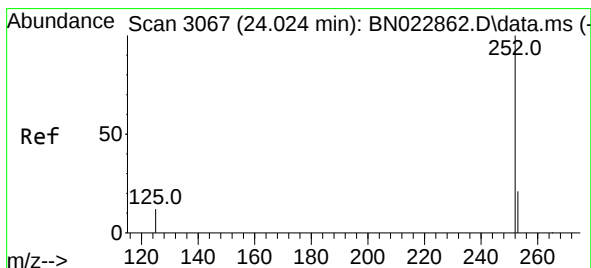
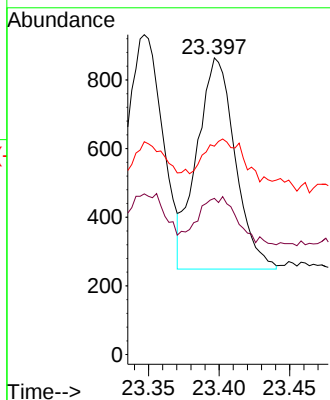
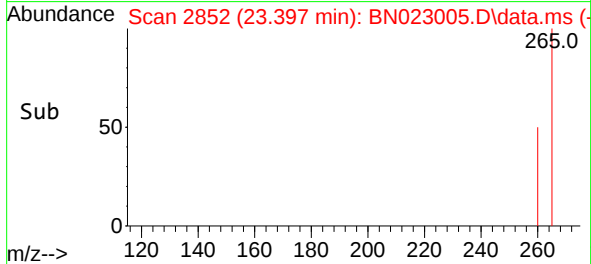
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20221120



Tgt Ion:252 Resp: 1162
Ion Ratio Lower Upper
252 100
253 52.7 18.6 27.8#
125 70.3 11.0 16.4#

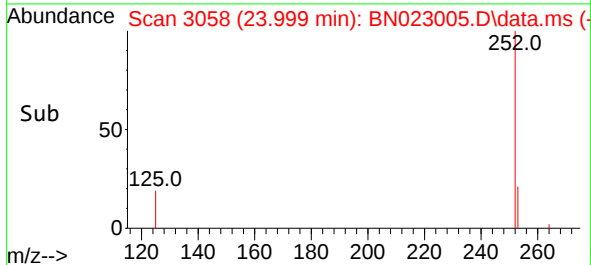
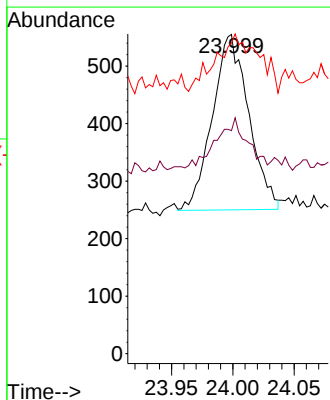
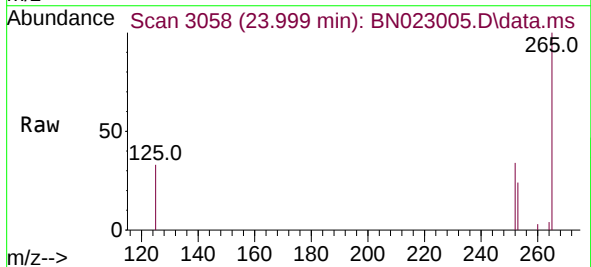
Manual Integrations
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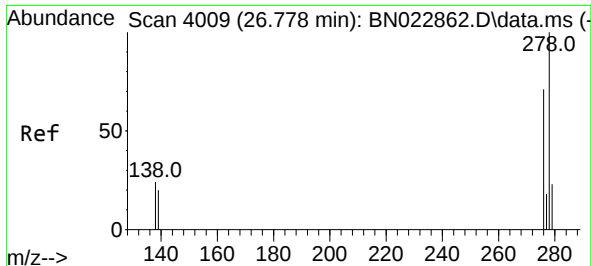
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#39
Benzo(a)pyrene
Concen: 0.023 ng
RT: 23.999 min Scan# 3058
Delta R.T. -0.003 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

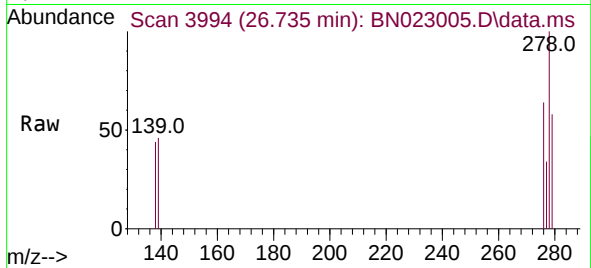
Tgt Ion:252 Resp: 630
Ion Ratio Lower Upper
252 100
253 69.9 19.2 28.8#
125 97.3 12.7 19.1#





#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 26.735 min Scan# 3994
Delta R.T. -0.003 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

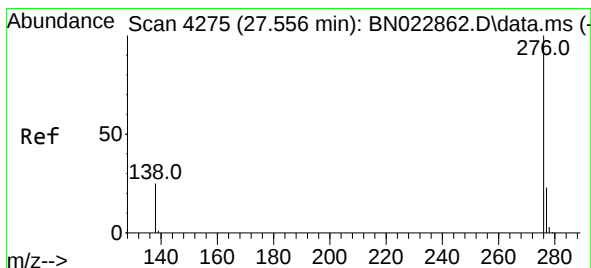
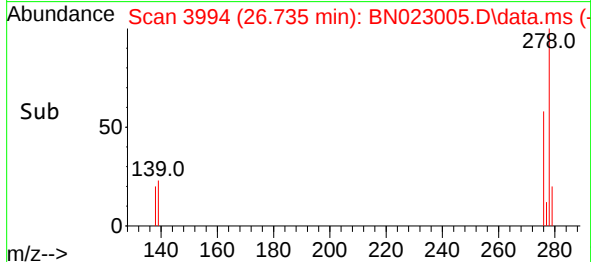
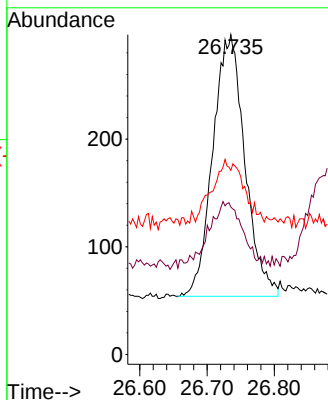
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20221120



Tgt Ion:278 Resp: 804
Ion Ratio Lower Upper
278 100
139 46.1 17.4 26.0#
279 57.6 20.0 30.0#

Manual Integrations
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Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#41
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 27.510 min Scan# 4259
Delta R.T. -0.003 min
Lab File: BN023005.D
Acq: 01 Dec 2022 05:21

Tgt Ion:276 Resp: 835
Ion Ratio Lower Upper
276 100
277 40.9 19.7 29.5#
138 48.3 21.4 32.2#

