

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120522\
 Data File : BN023068.D
 Acq On : 05 Dec 2022 21:32
 Operator : CG/JU
 Sample : N5867-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/06/2022
 Supervised By : mohammad ahmed 12/06/2022

Quant Time: Dec 06 04:29:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	4770	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	14281	0.400	ng	# 0.01
13) Acenaphthene-d10	14.687	164	7876	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	18241	0.400	ng	# 0.01
29) Chrysene-d12	21.616	240	15369	0.400	ng	0.00
35) Perylene-d12	24.097	264	12767	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.586	112	984	0.092	ng	0.00
5) Phenol-d6	7.197	99	848	0.060	ng	0.00
8) Nitrobenzene-d5	9.206	82	2288m	0.213	ng	0.00
11) 2-Methylnaphthalene-d10	12.450	152	4532	0.233	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	920	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	9329	0.264	ng	0.00
27) Fluoranthene-d10	19.460	212	13846	0.266	ng	0.00
31) Terphenyl-d14	20.058	244	10936	0.348	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.598	228	1388	0.024	ng	# 91
33) Chrysene	21.652	228	1690	0.027	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.517	149	2945	0.132	ng	99
37) Benzo(b)fluoranthene	23.337	252	1474	0.025	ng	# 31
38) Benzo(k)fluoranthene	23.387	252	1371	0.023	ng	# 22

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

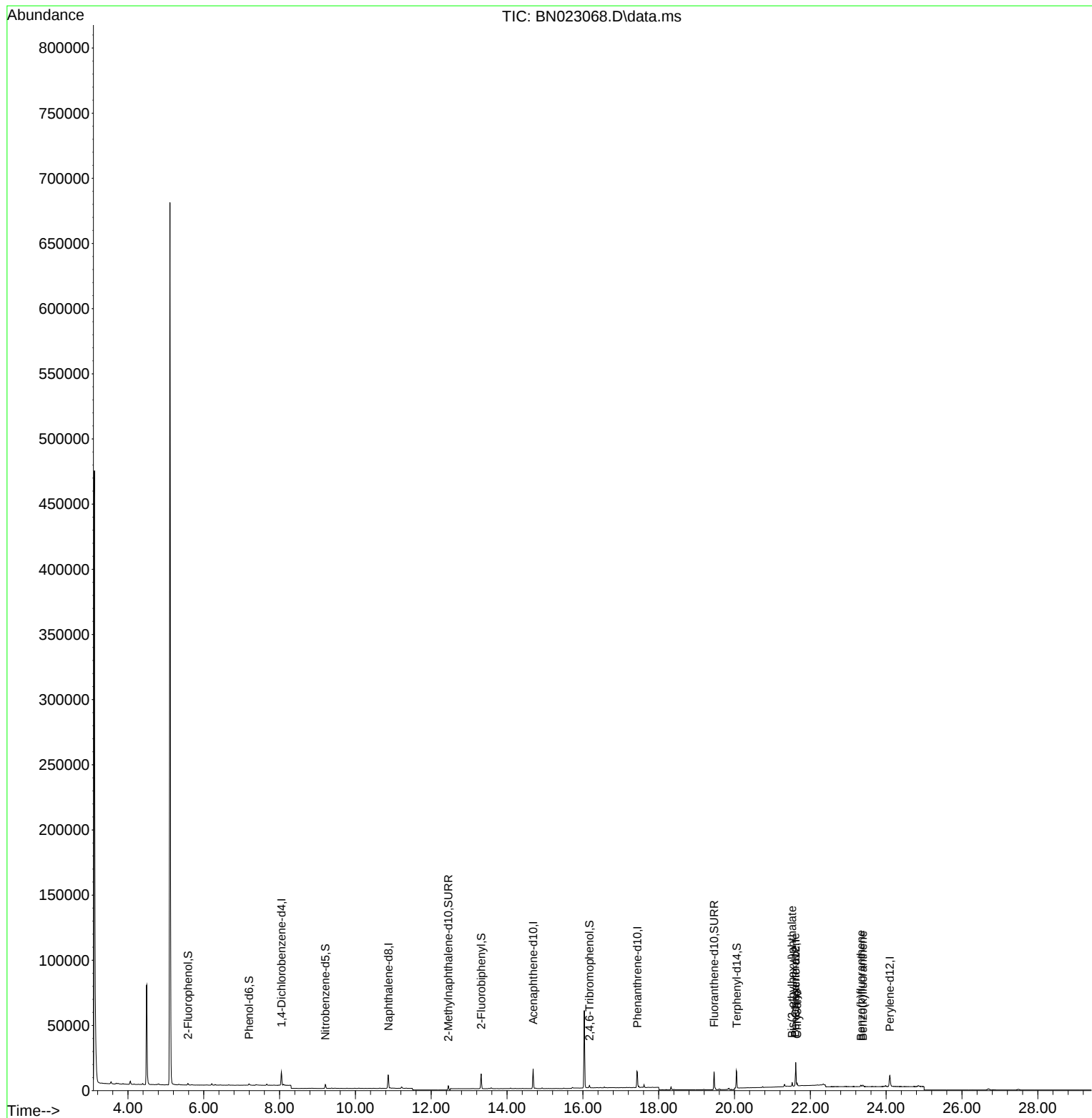
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120522\
Data File : BN023068.D
Acq On : 05 Dec 2022 21:32
Operator : CG/JU
Sample : N5867-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

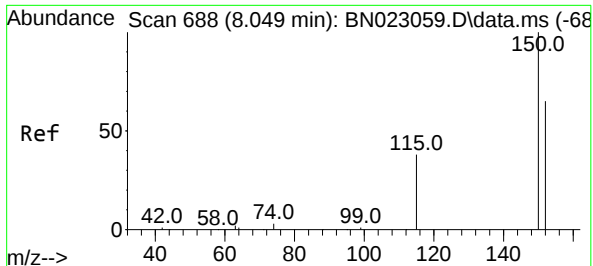
Instrument :
BNA_N
ClientSampleId :
MW-7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022

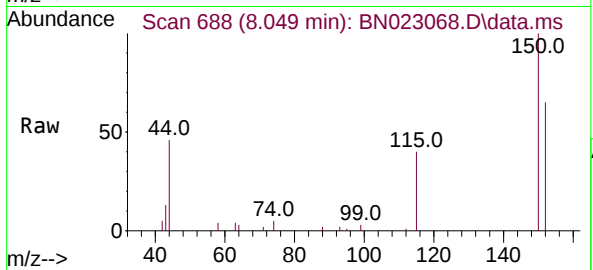
Quant Time: Dec 06 04:29:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:02:46 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.049 min Scan# 688
Delta R.T. 0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

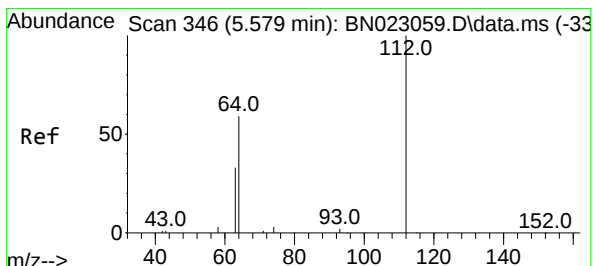
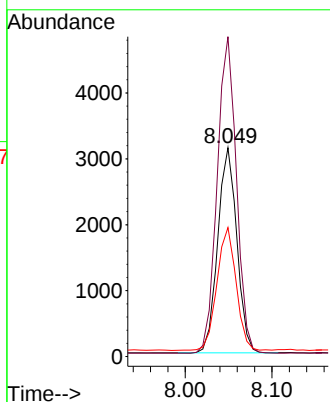
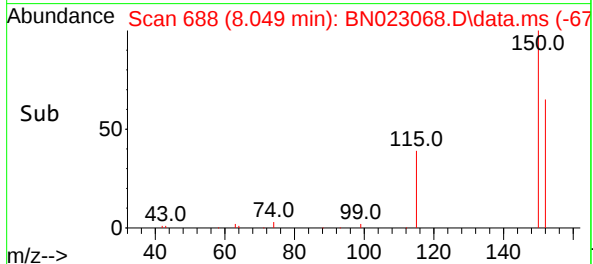
Instrument :
BNA_N
ClientSampleId :
MW-7



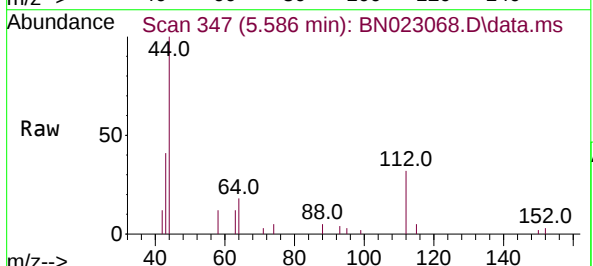
Tgt Ion:152 Resp: 4776
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 61.8 48.6 72.8

Manual Integrations
APPROVED

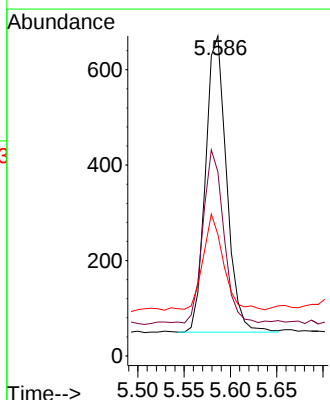
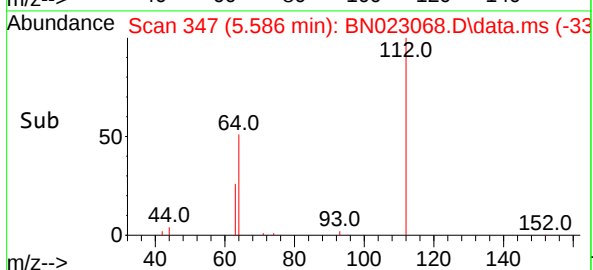
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022

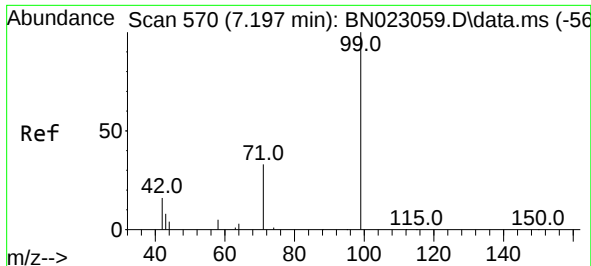


#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.586 min Scan# 347
Delta R.T. 0.007 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32



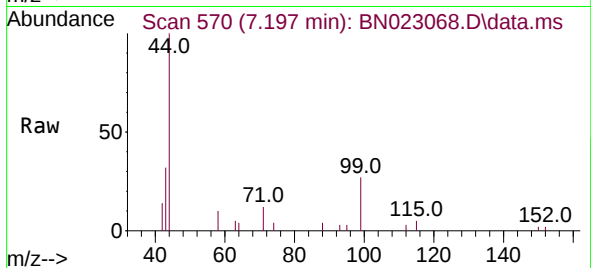
Tgt Ion:112 Resp: 984
Ion Ratio Lower Upper
112 100
64 56.7 46.2 69.4
63 31.8 25.1 37.7





#5
Phenol-d6
Concen: 0.060 ng
RT: 7.197 min Scan# 570
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

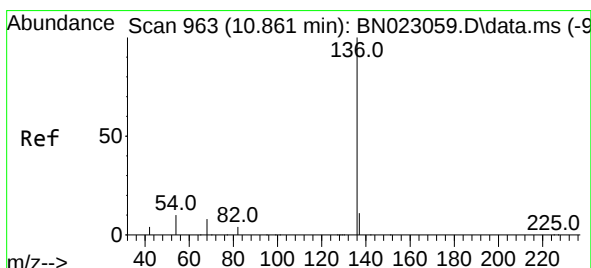
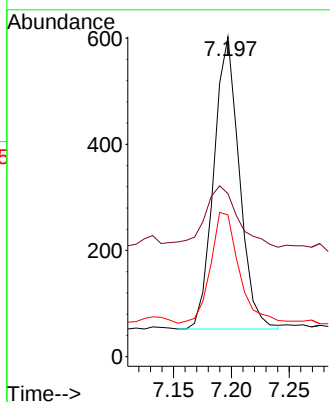
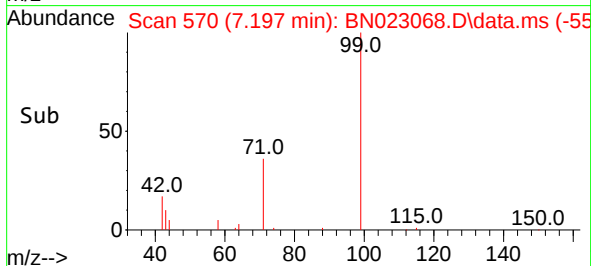
Instrument :
BNA_N
ClientSampleId :
MW-7



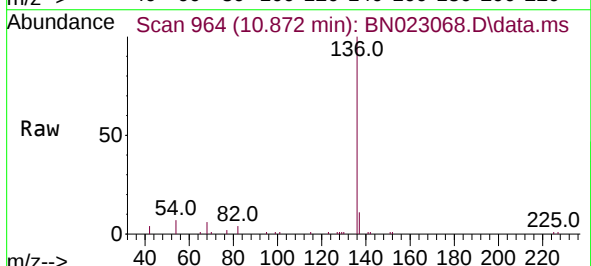
Tgt Ion: 99 Resp: 848
Ion Ratio Lower Upper
99 100
42 27.4 18.1 27.1#
71 42.2 28.2 42.2

Manual Integrations
APPROVED

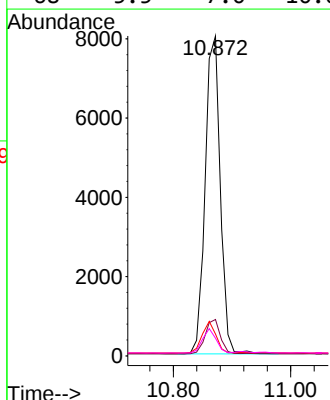
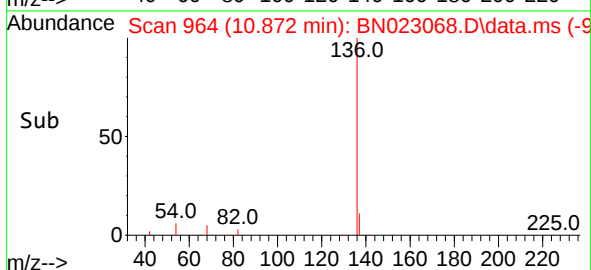
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022

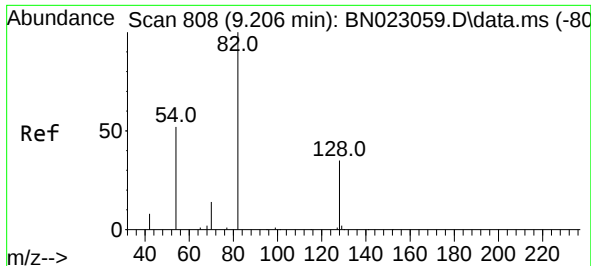


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.011 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32



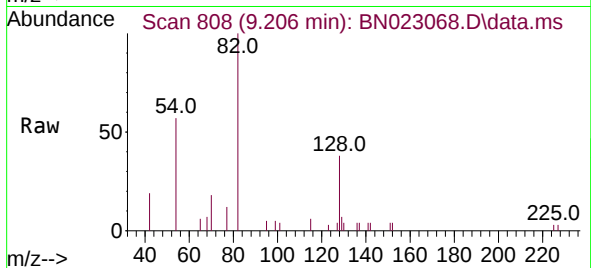
Tgt Ion:136 Resp: 14281
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 6.8 8.8 13.2#
68 5.5 7.0 10.6#





#8
Nitrobenzene-d5
Concen: 0.213 ng m
RT: 9.206 min Scan# 808
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

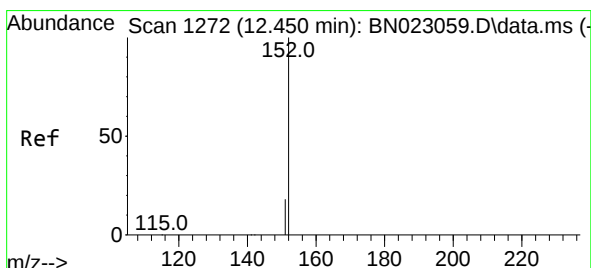
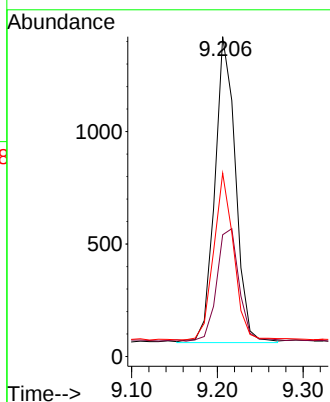
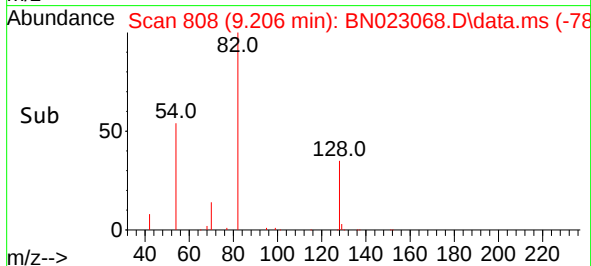
Instrument :
BNA_N
ClientSampleId :
MW-7



Tgt Ion: 82 Resp: 2288
Ion Ratio Lower Upper
82 100
128 38.0 29.9 44.9
54 57.3 44.2 66.2

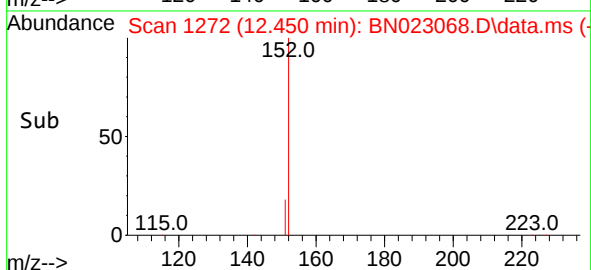
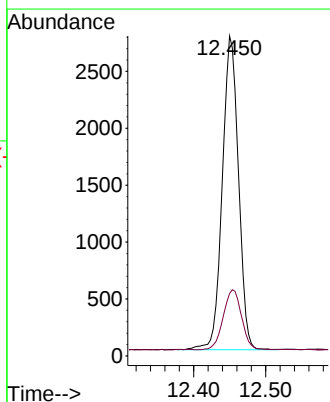
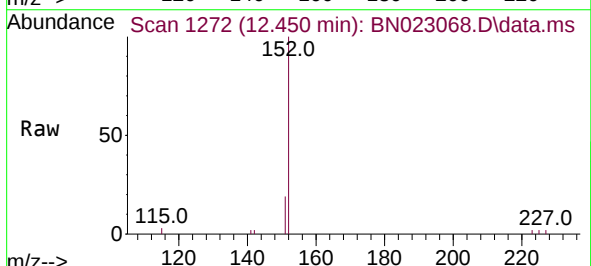
Manual Integrations
APPROVED

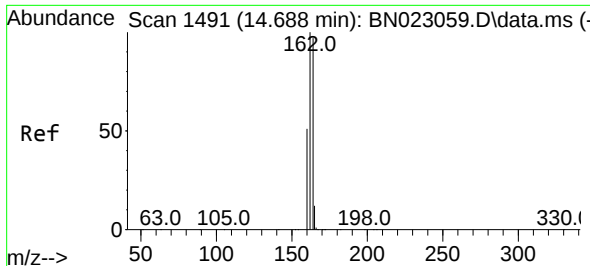
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022



#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.450 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

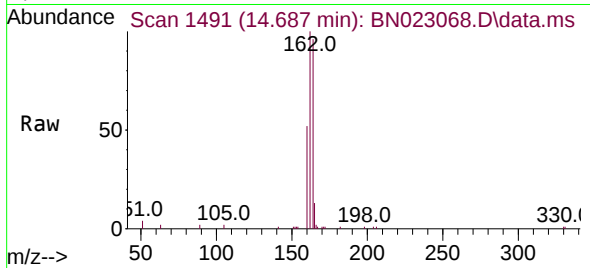
Tgt Ion:152 Resp: 4532
Ion Ratio Lower Upper
152 100
151 21.8 18.9 28.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.687 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

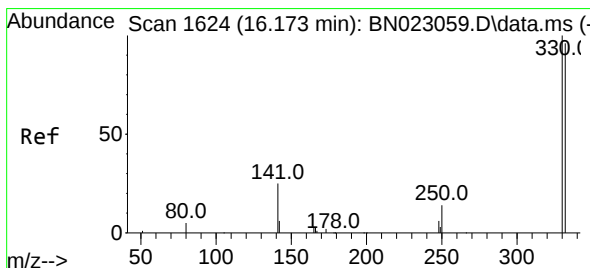
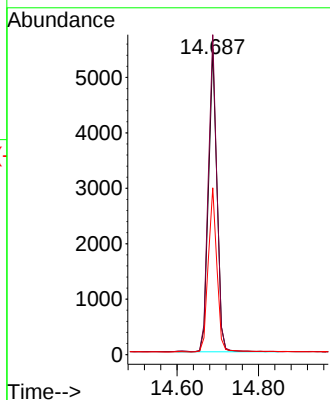
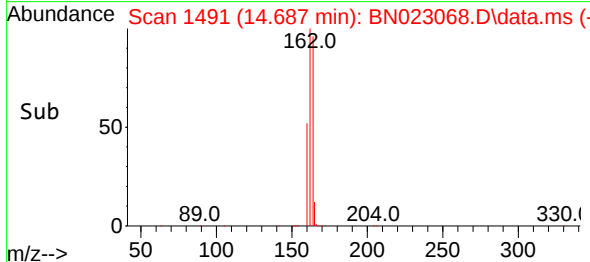
Instrument :
BNA_N
ClientSampleId :
MW-7



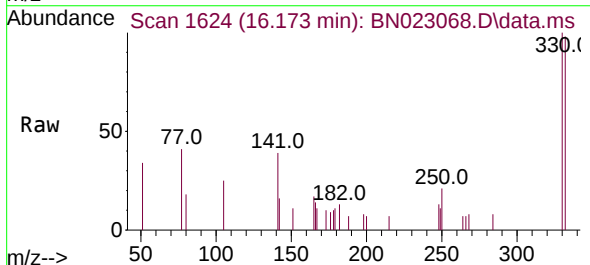
Tgt Ion:164 Resp: 7876
Ion Ratio Lower Upper
164 100
162 104.6 82.7 124.1
160 54.5 42.6 63.8

Manual Integrations
APPROVED

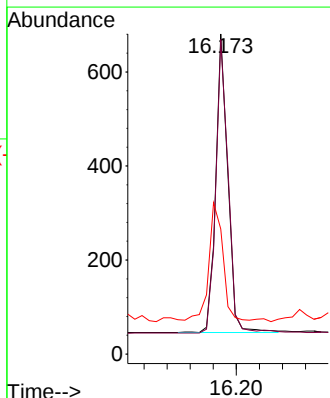
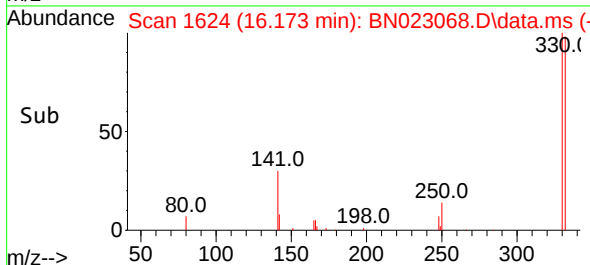
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022

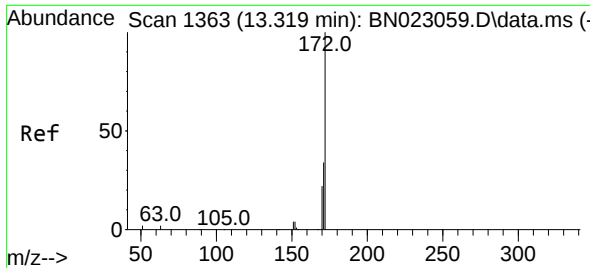


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32



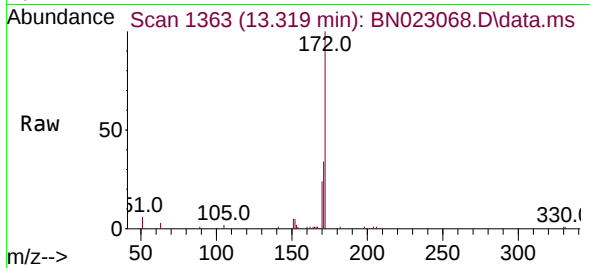
Tgt Ion:330 Resp: 920
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 44.9 36.7 55.1





#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

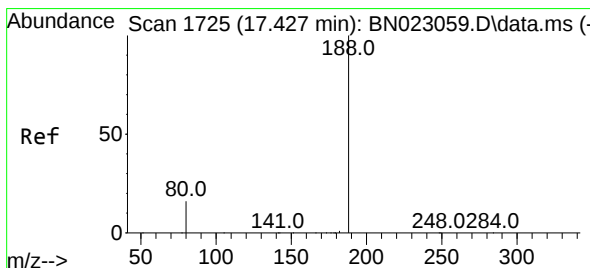
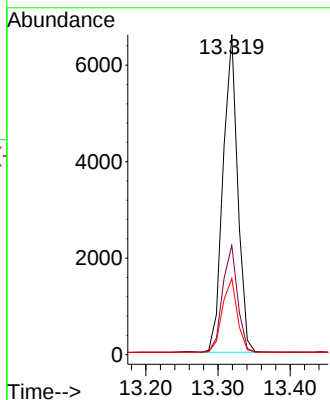
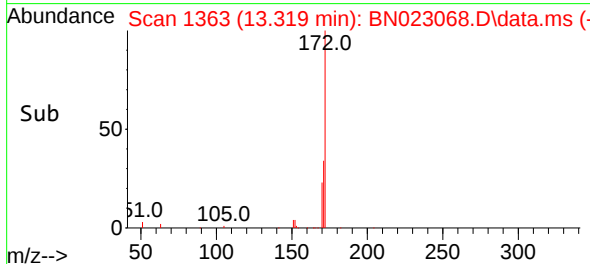
Instrument :
BNA_N
ClientSampleId :
MW-7



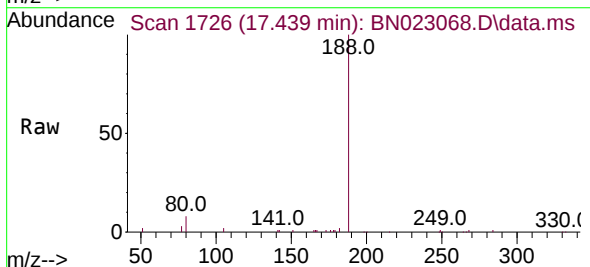
Tgt Ion:172 Resp: 9329
Ion Ratio Lower Upper
172 100
171 34.1 27.3 40.9
170 23.8 18.3 27.5

Manual Integrations
APPROVED

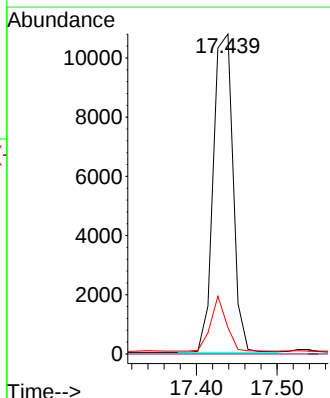
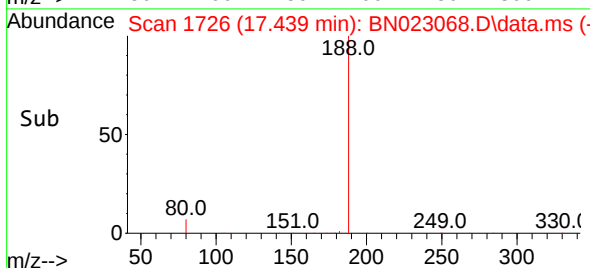
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022

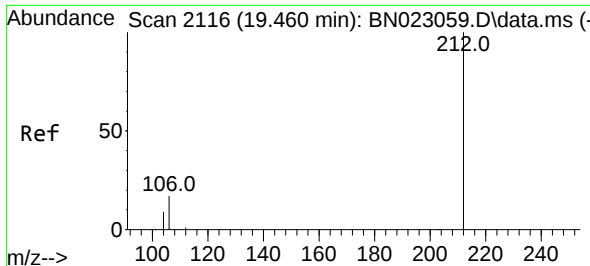


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.012 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32



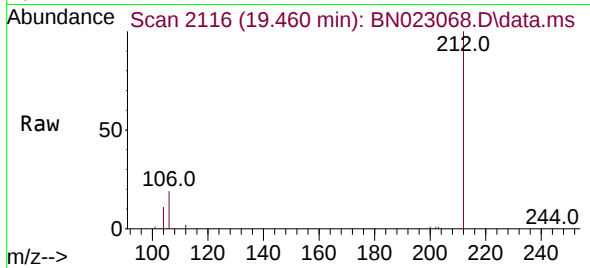
Tgt Ion:188 Resp: 18241
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 13.3 19.9#





#27
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.460 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

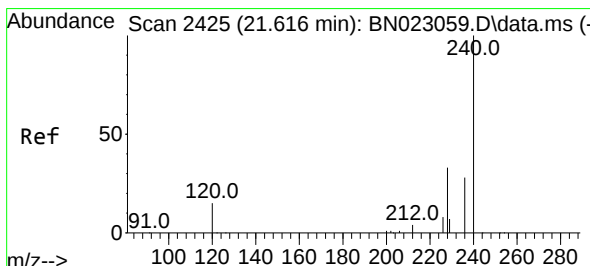
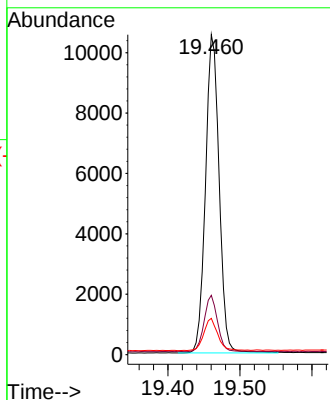
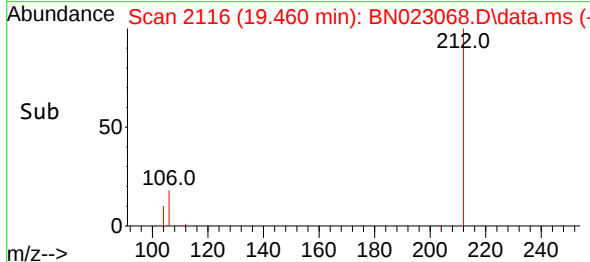
Instrument :
BNA_N
ClientSampleId :
MW-7



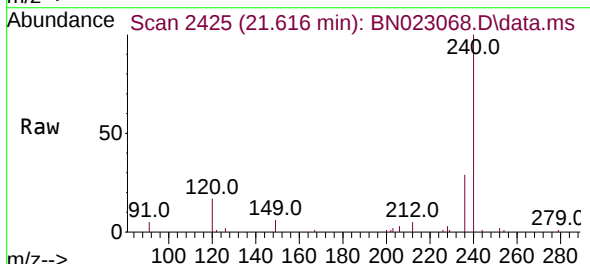
Tgt Ion:212 Resp: 13846
Ion Ratio Lower Upper
212 100
106 17.3 13.3 19.9
104 10.5 7.7 11.5

Manual Integrations
APPROVED

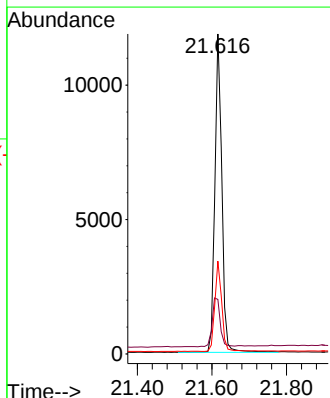
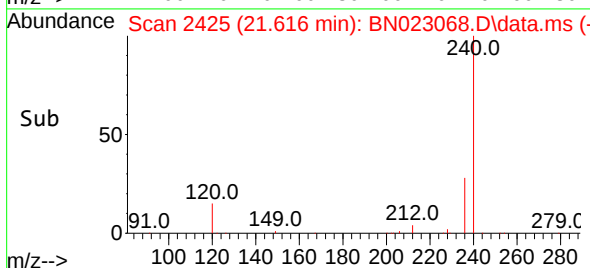
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022

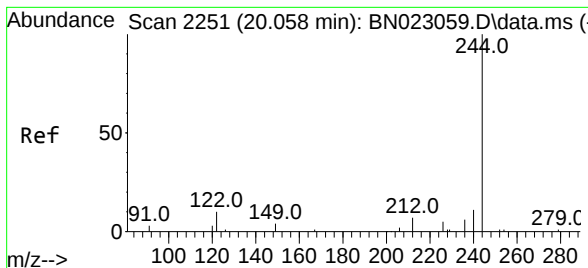


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32



Tgt Ion:240 Resp: 15369
Ion Ratio Lower Upper
240 100
120 17.0 14.2 21.4
236 29.0 22.8 34.2





#31

Terphenyl-d14

Concen: 0.348 ng

RT: 20.058 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023068.D

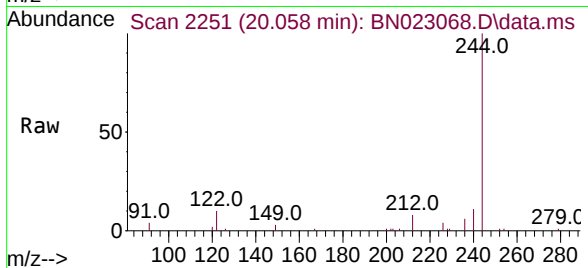
Acq: 05 Dec 2022 21:32

Instrument :

BNA_N

ClientSampleId :

MW-7

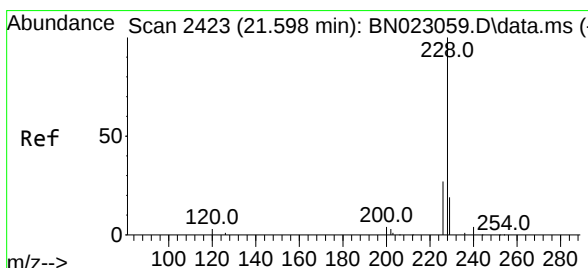
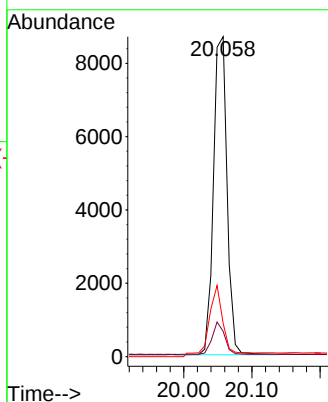
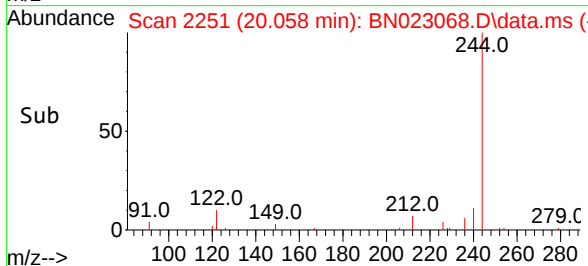


Tgt Ion:	244	Resp:	10936
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	10.4	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022



#32

Benzo(a)anthracene

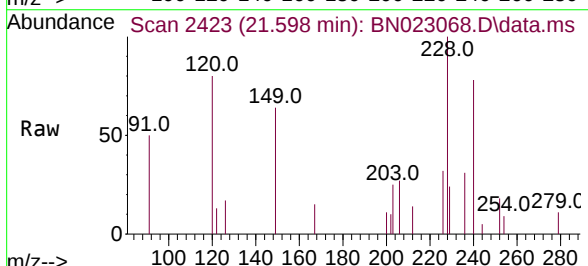
Concen: 0.024 ng

RT: 21.598 min Scan# 2423

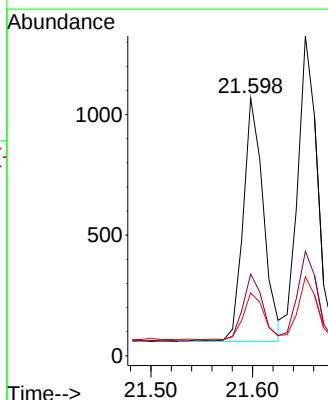
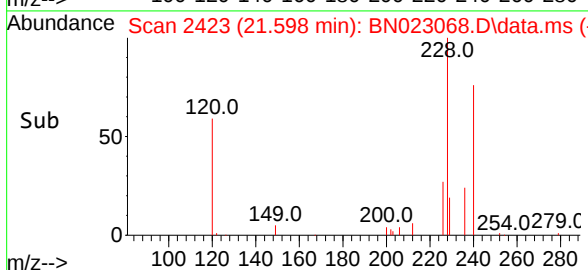
Delta R.T. -0.000 min

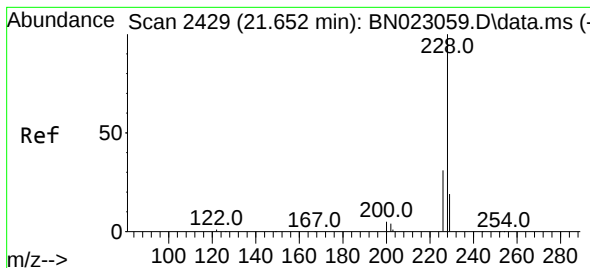
Lab File: BN023068.D

Acq: 05 Dec 2022 21:32



Tgt Ion:	228	Resp:	1388
Ion Ratio	Lower	Upper	
228	100		
226	31.6	22.2	33.4
229	24.4	15.7	23.5





#33

Chrysene

Concen: 0.027 ng

RT: 21.652 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BN023068.D

Acq: 05 Dec 2022 21:32

Instrument :

BNA_N

ClientSampleId :

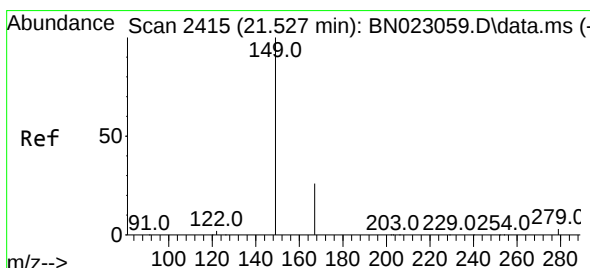
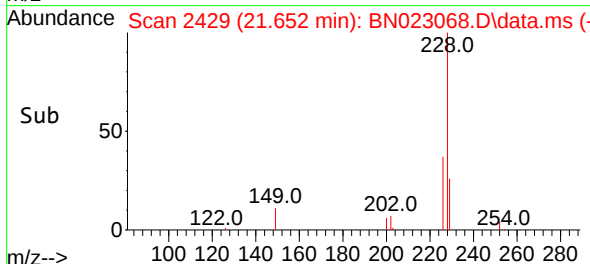
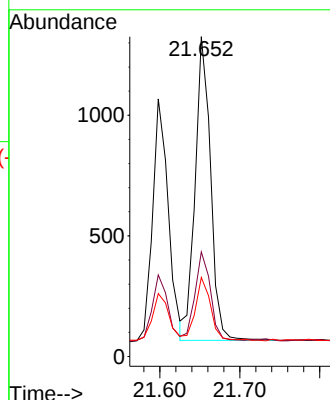
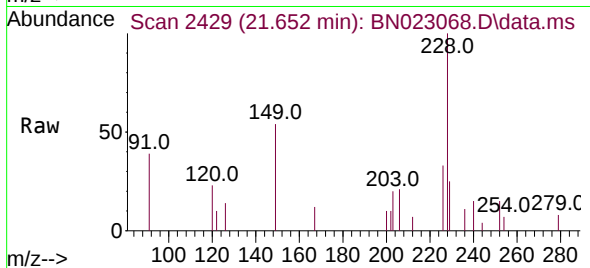
MW-7

Tgt Ion:228	Resp:	1690
Ion Ratio	Lower	Upper
228	100	
226	32.7	25.0 37.6
229	24.7	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.132 ng

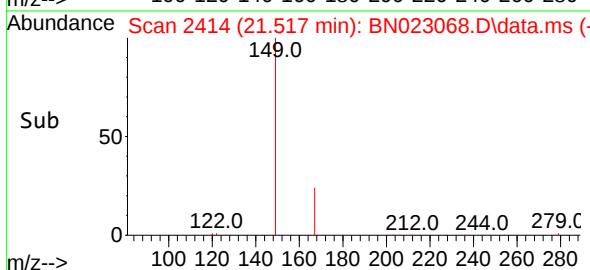
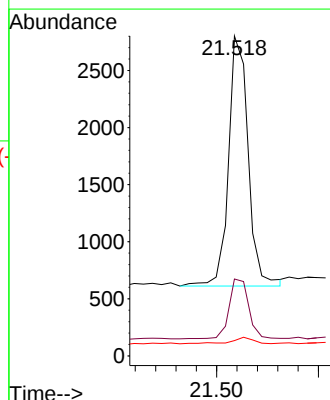
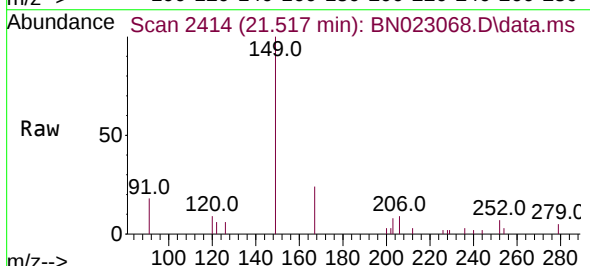
RT: 21.517 min Scan# 2414

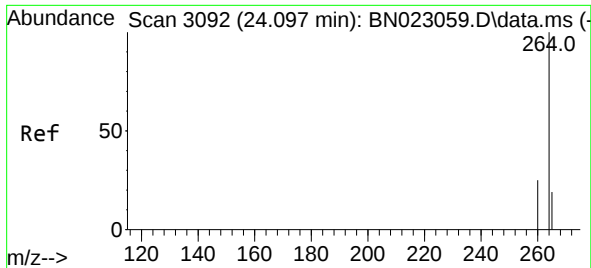
Delta R.T. -0.010 min

Lab File: BN023068.D

Acq: 05 Dec 2022 21:32

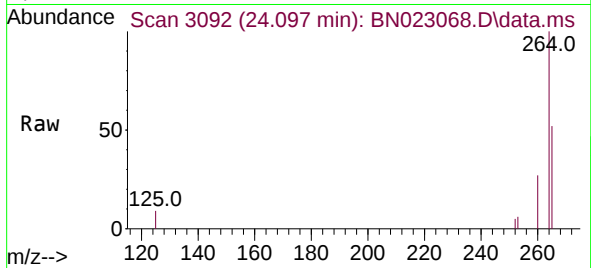
Tgt Ion:149	Resp:	2945
Ion Ratio	Lower	Upper
149	100	
167	23.7	19.5 29.3
279	2.9	2.6 4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.097 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

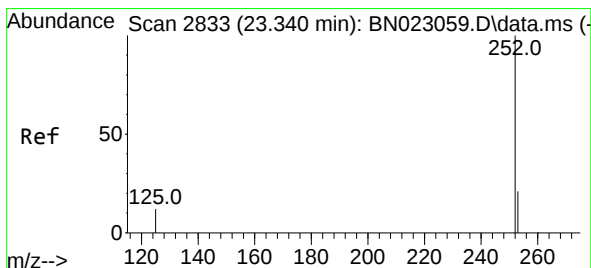
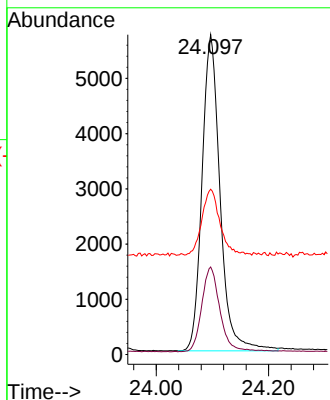
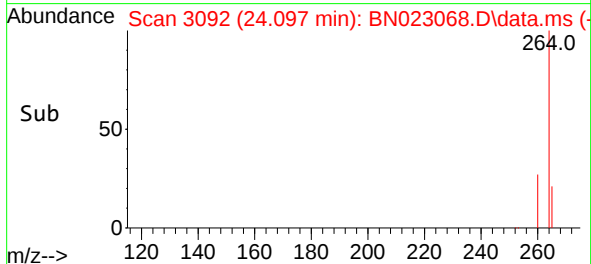
Instrument :
BNA_N
ClientSampleId :
MW-7



Tgt Ion:264 Resp: 12762
Ion Ratio Lower Upper
264 100
260 27.4 21.0 31.4
265 51.7 45.0 67.6

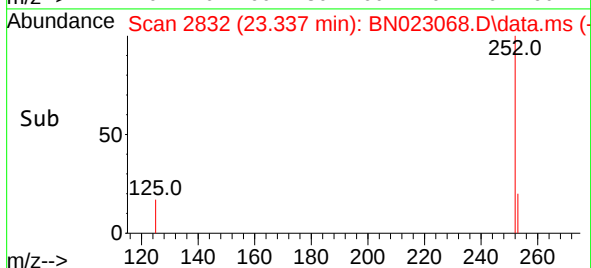
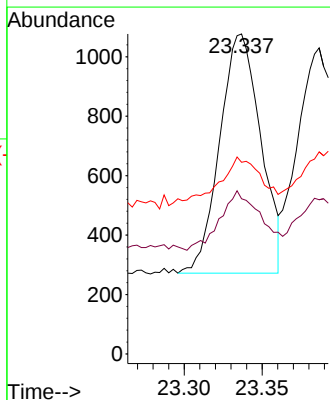
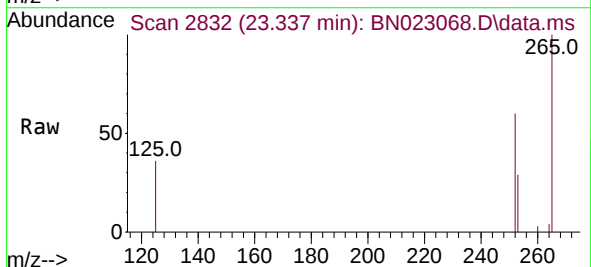
Manual Integrations
APPROVED

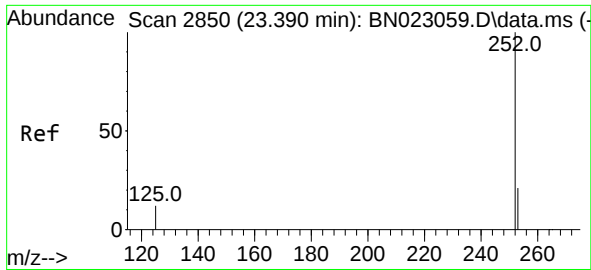
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :mohammad ahmed 12/06/2022



#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 23.337 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

Tgt Ion:252 Resp: 1474
Ion Ratio Lower Upper
252 100
253 48.5 19.5 29.3#
125 59.9 13.4 20.2#





#38

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 23.387 min Scan# 2849

Delta R.T. -0.003 min

Lab File: BN023068.D

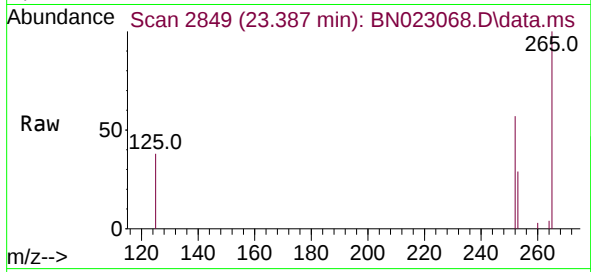
Acq: 05 Dec 2022 21:32

Instrument :

BNA_N

ClientSampleId :

MW-7



Tgt Ion:252 Resp: 137

Ion Ratio Lower Upper

252 100

253 50.4 19.4 29.2

125 66.0 13.5 20.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :mohammad ahmed 12/06/2022

