

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033216.D
 Acq On : 03 Aug 2024 00:02
 Operator : MA/JU
 Sample : P3415-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-70-85

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 03 01:11:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	2330m	0.400	ng	0.03
7) Naphthalene-d8	10.308	136	6638	0.400	ng	# 0.02
13) Acenaphthene-d10	14.154	164	4004	0.400	ng	0.02
19) Phenanthrene-d10	16.927	188	8103	0.400	ng	# 0.00
29) Chrysene-d12	21.140	240	6009	0.400	ng	0.00
35) Perylene-d12	23.324	264	6853	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1206	0.205	ng	-0.06
5) Phenol-d6	7.055	99	868m	0.119	ng	0.17
8) Nitrobenzene-d5	8.899	82	2272m	0.455	ng	0.09
11) 2-Methylnaphthalene-d10	11.916	152	3483	0.343	ng	0.02
14) 2,4,6-Tribromophenol	15.723	330	502	0.293	ng	0.00
15) 2-Fluorobiphenyl	12.797	172	5514	0.370	ng	0.00
27) Fluoranthene-d10	18.962	212	8201	0.391	ng	0.00
31) Terphenyl-d14	19.552	244	6493	0.527	ng	-0.01
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.131	228	537	0.028	ng	# 61
33) Chrysene	21.176	228	885	0.039	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.006	149	4708	0.448	ng	# 84
36) Indeno(1,2,3-cd)pyrene	25.558	276	1078m	0.040	ng	
37) Benzo(b)fluoranthene	22.678	252	831	0.035	ng	# 1
38) Benzo(k)fluoranthene	22.722	252	1010	0.037	ng	# 1
40) Dibenzo(a,h)anthracene	25.546	278	849m	0.040	ng	
41) Benzo(g,h,i)perylene	26.227	276	801m	0.034	ng	

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

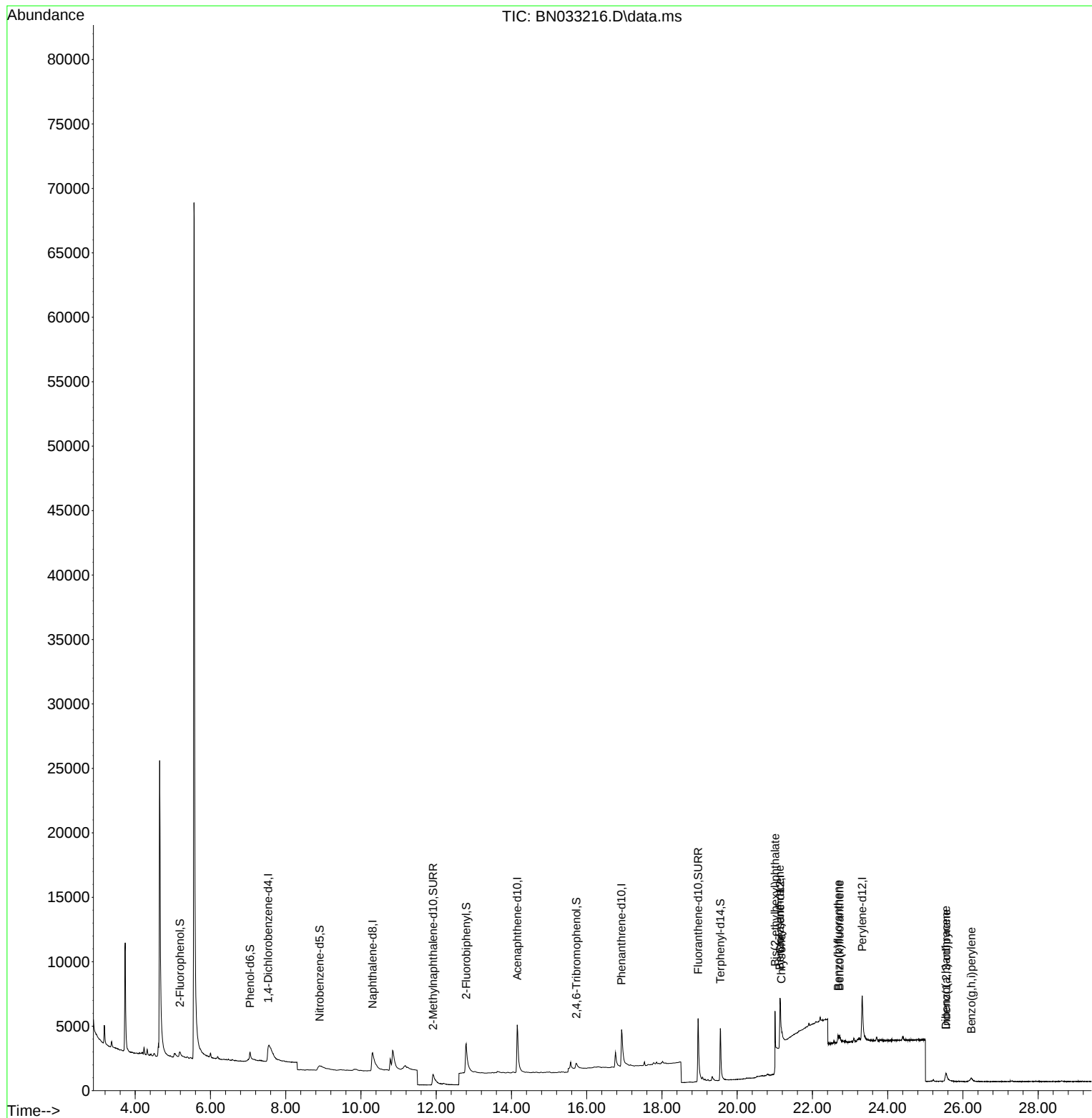
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033216.D
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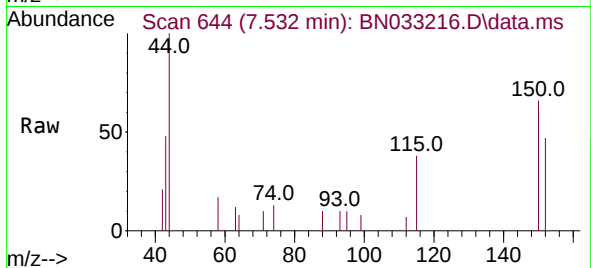
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.532 min Scan# 644
Delta R.T. 0.029 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Instrument :

BNA_N

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MLS-15-70-85



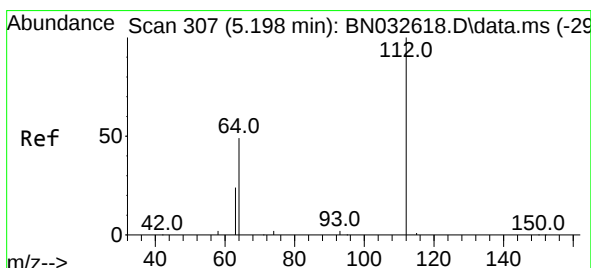
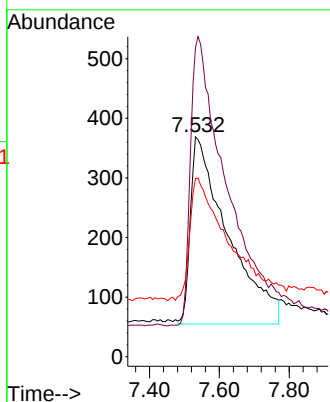
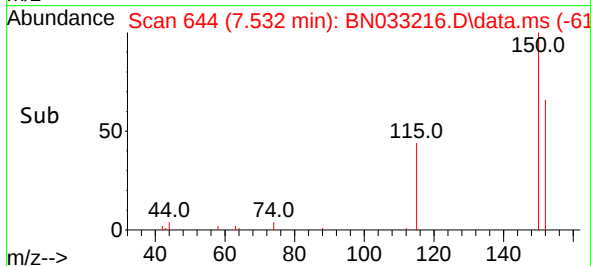
Tgt Ion:152 Resp: 2330
Ion Ratio Lower Upper
152 100
150 140.7 123.8 185.6
115 81.0 52.8 79.2

Manual Integrations

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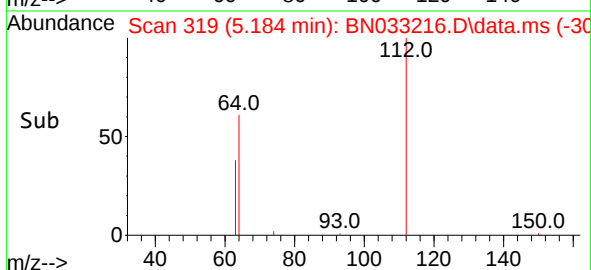
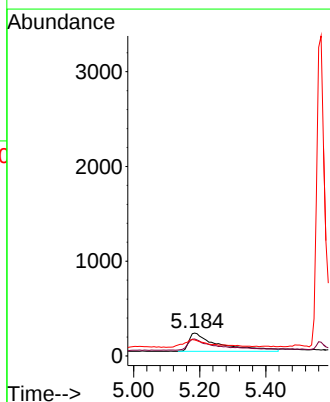
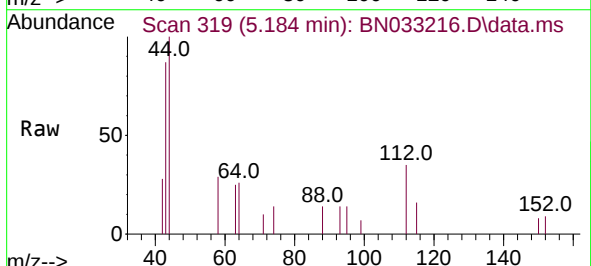
Reviewed By :Yogesh Patel 08/05/2024

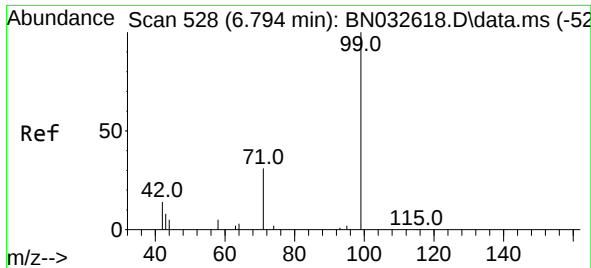
Supervised By :mohammad ahmed 08/07/2024



#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.058 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Tgt Ion:112 Resp: 1206
Ion Ratio Lower Upper
112 100
64 59.0 40.2 60.4
63 21.2 22.2 33.4





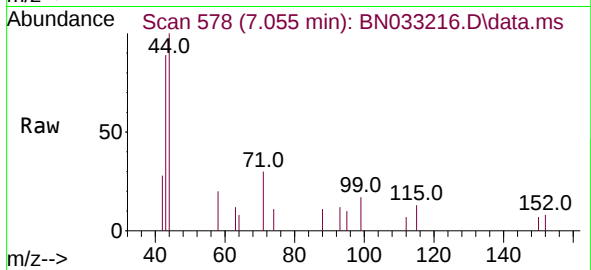
#5
Phenol-d6
Concen: 0.119 ng m
RT: 7.055 min Scan# 51
Delta R.T. 0.173 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Instrument :

BNA_N

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MLS-15-70-85



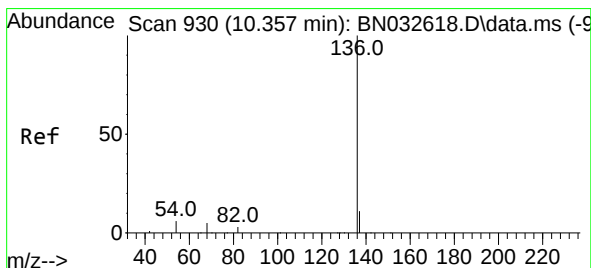
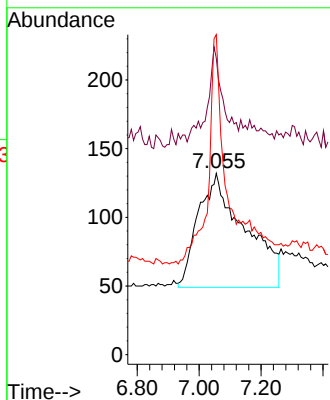
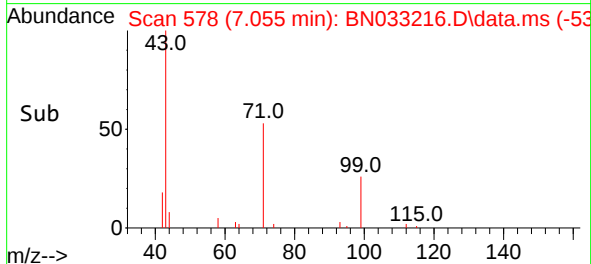
Tgt Ion: 99 Resp: 868
Ion Ratio Lower Upper
99 100
42 15.6 10.5 15.7
71 65.4 22.3 33.5

Manual Integrations

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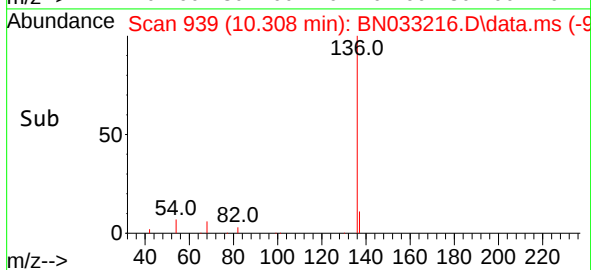
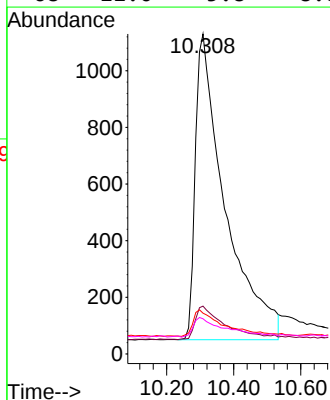
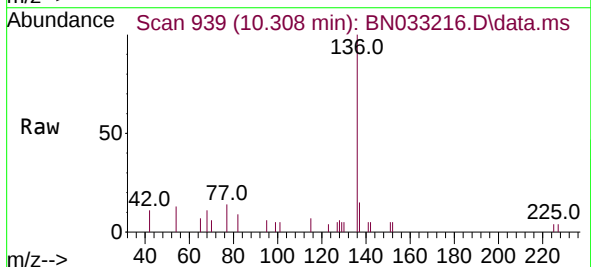
Reviewed By :Yogesh Patel 08/05/2024

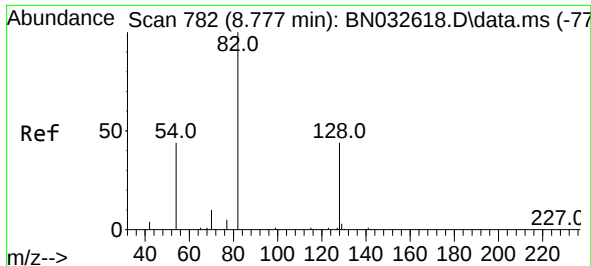
Supervised By :mohammad ahmed 08/07/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.308 min Scan# 939
Delta R.T. 0.021 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Tgt Ion:136 Resp: 6638
Ion Ratio Lower Upper
136 100
137 15.0 9.9 14.9#
54 12.7 6.5 9.7#
68 11.0 5.8 8.8#





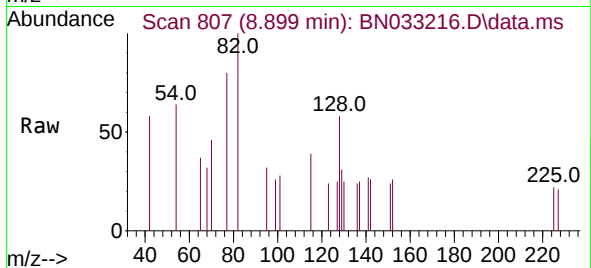
#8
Nitrobenzene-d5
Concen: 0.455 ng m
RT: 8.899 min Scan# 807
Delta R.T. 0.086 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Instrument :

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MLS-15-70-85



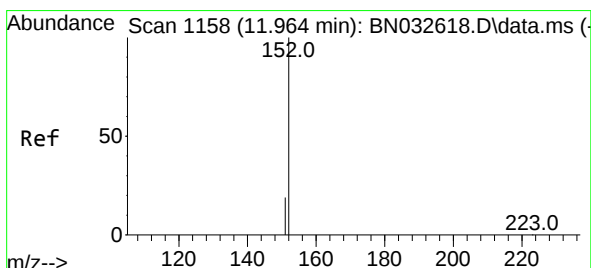
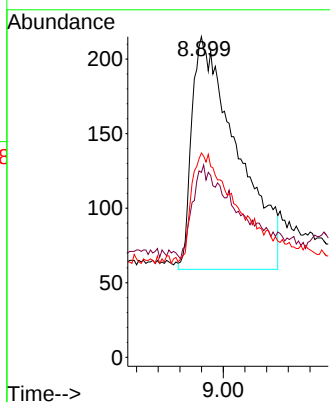
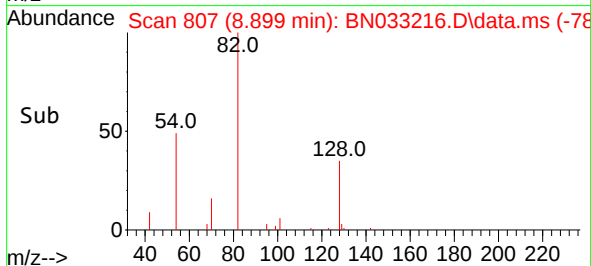
Tgt Ion: 82 Resp: 227
Ion Ratio Lower Upper
82 100
128 57.7 41.7 62.5
54 63.7 39.5 59.3

Manual Integrations

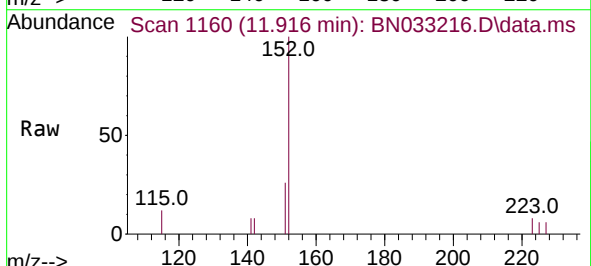
APPROVED

Reviewed By :Yogesh Patel 08/05/2024

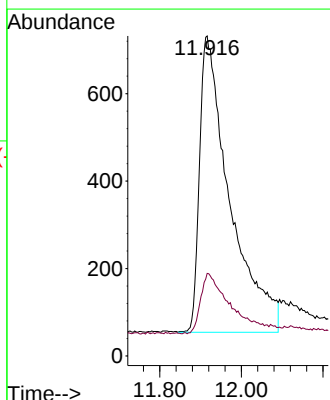
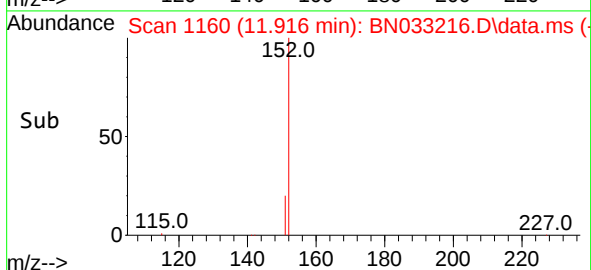
Supervised By :mohammad ahmed 08/07/2024

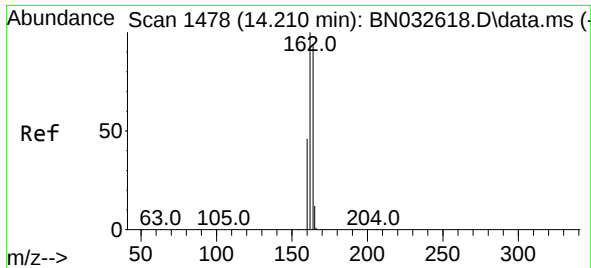


#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 11.916 min Scan# 1160
Delta R.T. 0.015 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02



Tgt Ion:152 Resp: 3483
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2





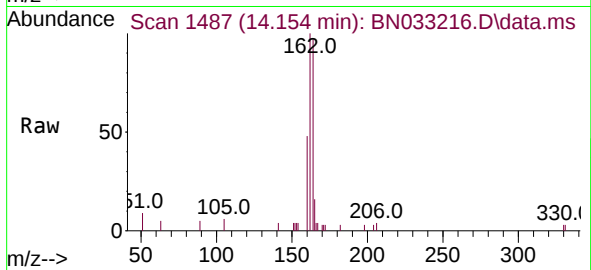
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.154 min Scan# 1478
Delta R.T. 0.018 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Instrument :

BNA_N

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MLS-15-70-85



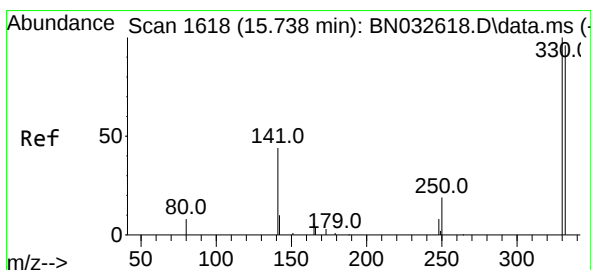
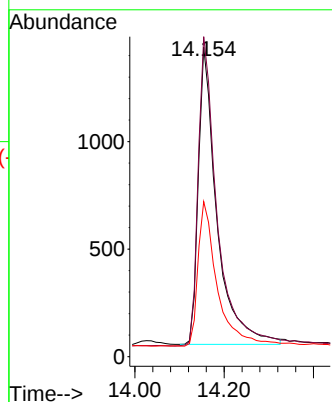
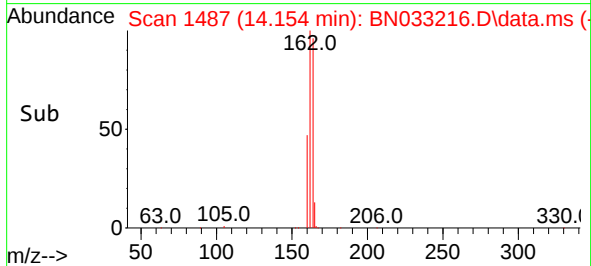
Tgt Ion:164 Resp: 400
Ion Ratio Lower Upper
164 100
162 103.4 85.0 127.4
160 50.1 39.4 59.2

Manual Integrations

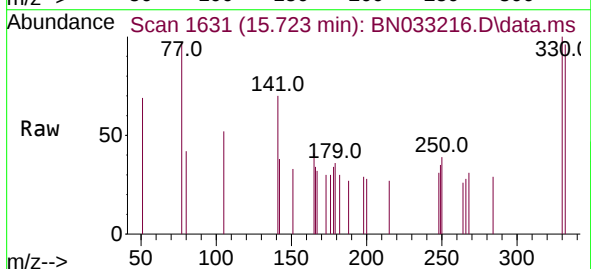
APPROVED

Reviewed By :Yogesh Patel 08/05/2024

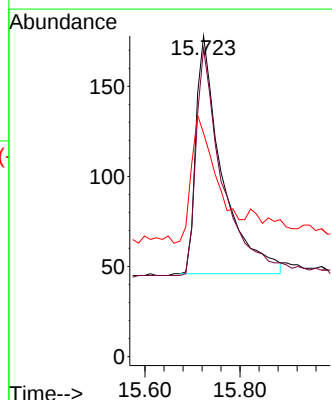
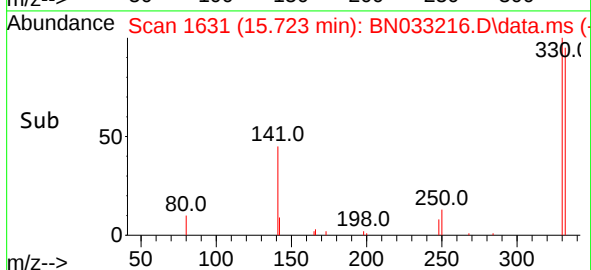
Supervised By :mohammad ahmed 08/07/2024

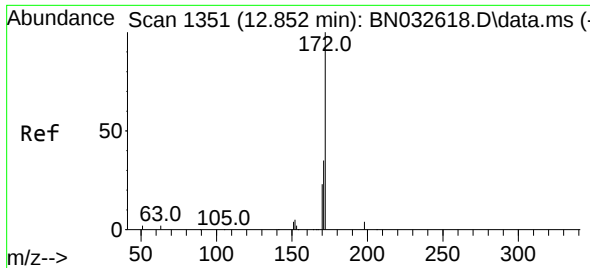


#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 15.723 min Scan# 1631
Delta R.T. 0.007 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02



Tgt Ion:330 Resp: 502
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 52.4 34.2 51.2#





#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.797 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Instrument :

BNA_N

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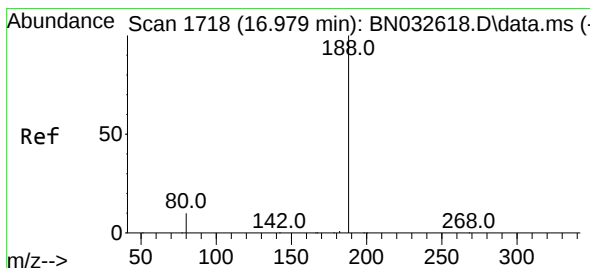
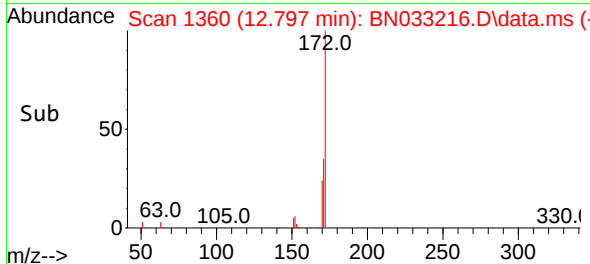
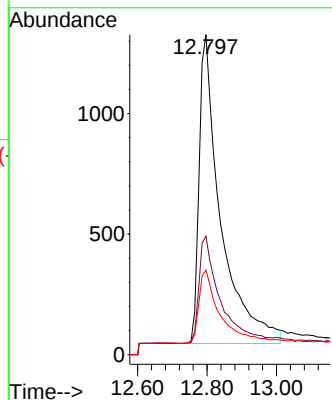
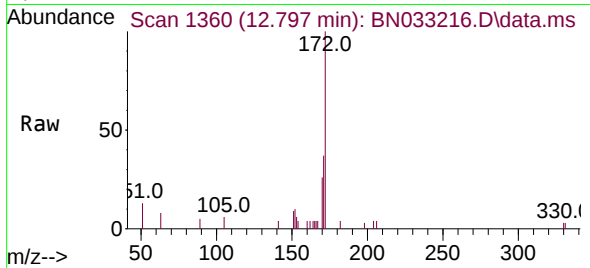
MLS-15-70-85

Tgt Ion:172 Resp: 5514
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 26.4 19.0 28.6

Manual Integrations

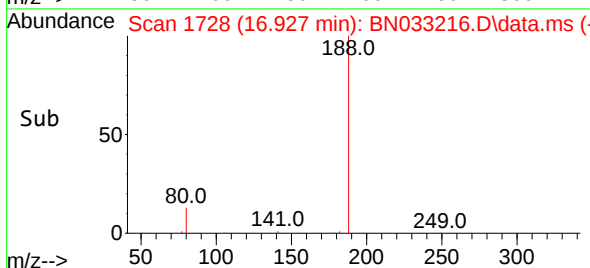
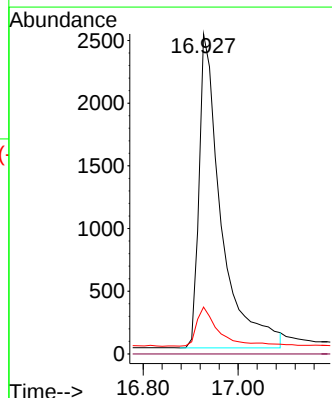
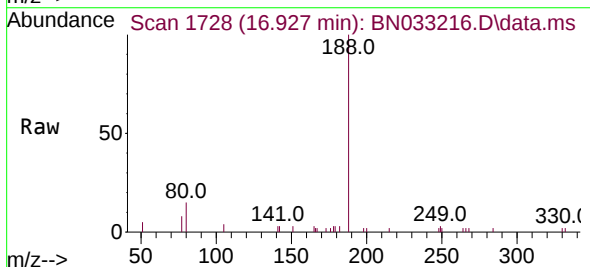
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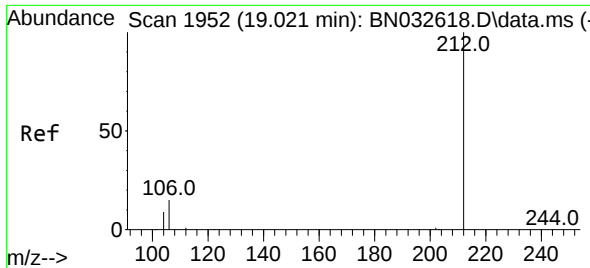
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.927 min Scan# 1728
Delta R.T. 0.007 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Tgt Ion:188 Resp: 8103
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 8.8 13.2#





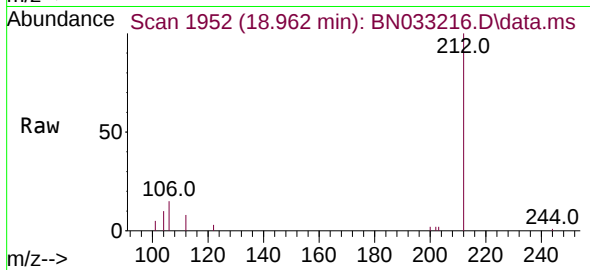
#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 18.962 min Scan# 1952
Delta R.T. 0.002 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

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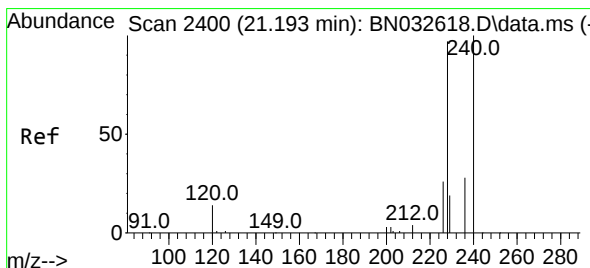
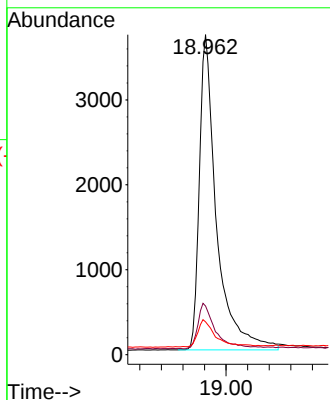
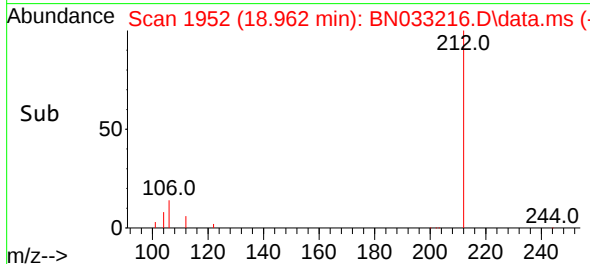
MLS-15-70-85



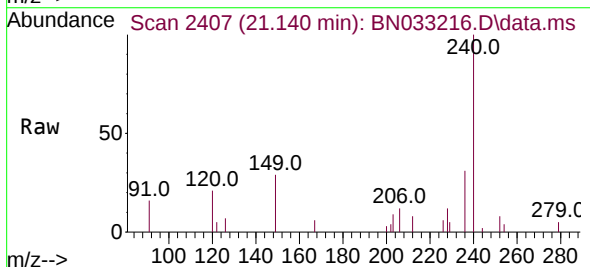
Tgt Ion:212 Resp: 820
Ion Ratio Lower Upper
212 100
106 14.7 11.9 17.9
104 9.1 6.9 10.3

Manual Integrations
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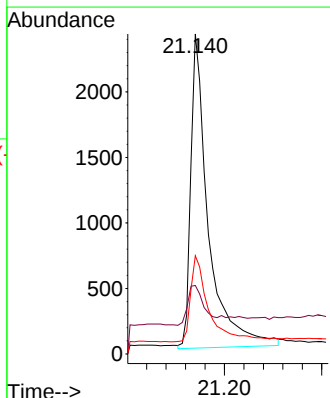
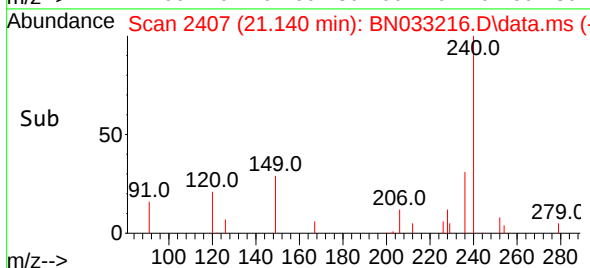
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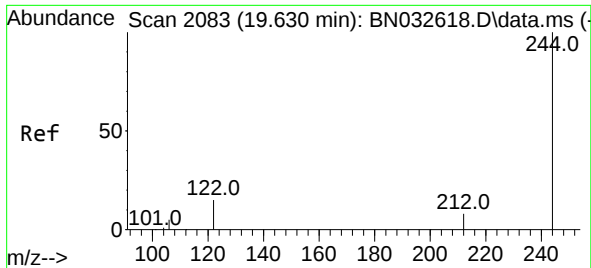


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.140 min Scan# 2407
Delta R.T. 0.007 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02



Tgt Ion:240 Resp: 6009
Ion Ratio Lower Upper
240 100
120 21.4 14.8 22.2
236 30.7 23.3 34.9





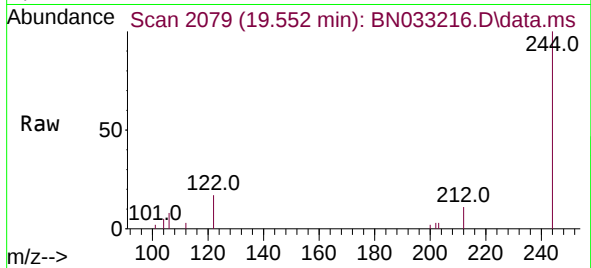
#31
 Terphenyl-d14
 Concen: 0.527 ng
 RT: 19.552 min Scan# 2083
 Delta R.T. -0.012 min
 Lab File: BN033216.D
 Acq: 03 Aug 2024 00:02

Instrument :

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MLS-15-70-85



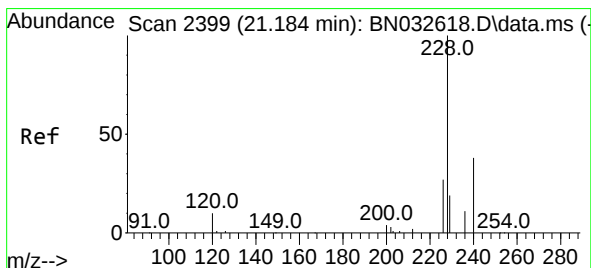
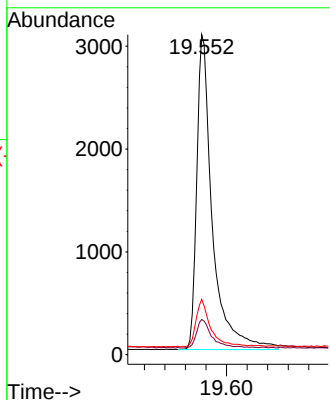
Tgt Ion:244 Resp: 649
 Ion Ratio Lower Upper
 244 100
 212 11.0 7.5 11.3
 122 17.3 12.6 19.0

Manual Integrations

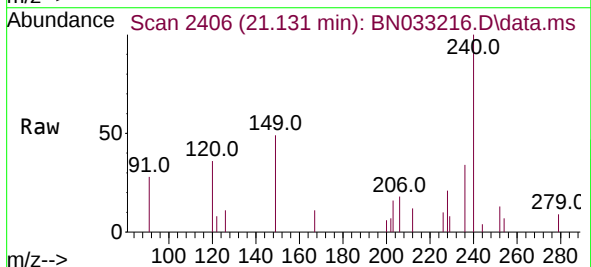
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Reviewed By :Yogesh Patel 08/05/2024

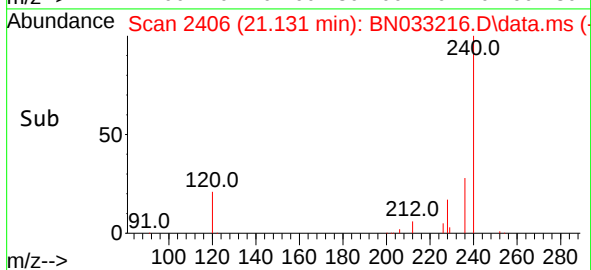
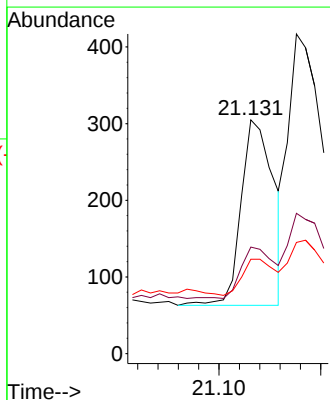
Supervised By :mohammad ahmed 08/07/2024

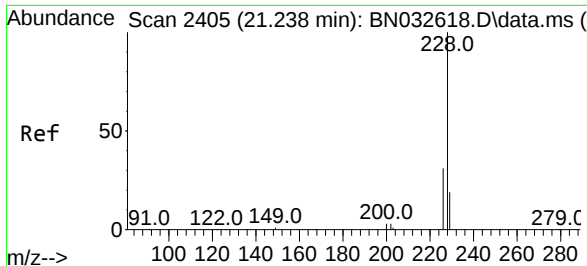


#32
 Benzo(a)anthracene
 Concen: 0.028 ng
 RT: 21.131 min Scan# 2406
 Delta R.T. 0.007 min
 Lab File: BN033216.D
 Acq: 03 Aug 2024 00:02



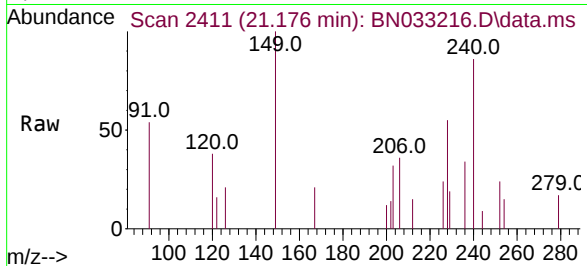
Tgt Ion:228 Resp: 537
 Ion Ratio Lower Upper
 228 100
 226 45.6 21.8 32.6#
 229 40.3 16.0 24.0#





#33
Chrysene
Concen: 0.039 ng
RT: 21.176 min Scan# 2405
Delta R.T. 0.007 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

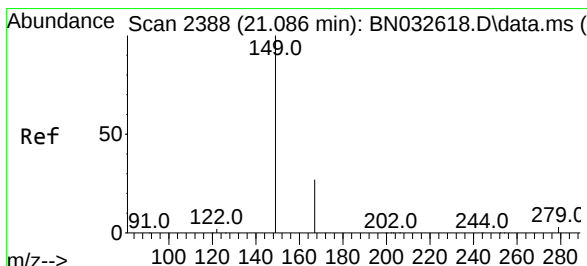
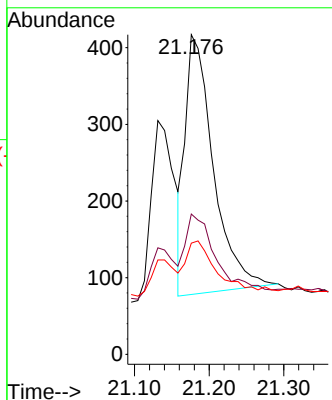
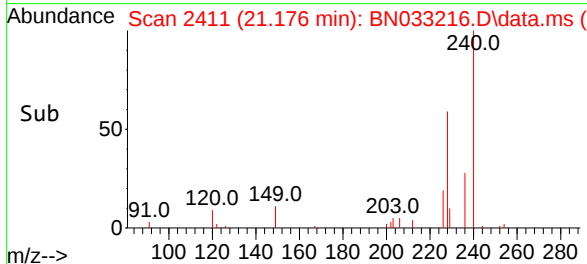
Instrument :
BNA_N
ClientSampleId :
MLS-15-70-85



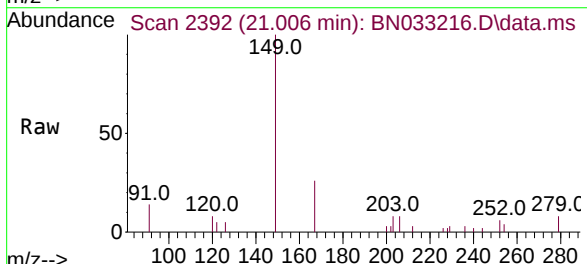
Tgt Ion:228 Resp: 885
Ion Ratio Lower Upper
228 100
226 43.9 24.2 36.2
229 34.8 16.0 24.0

Manual Integrations
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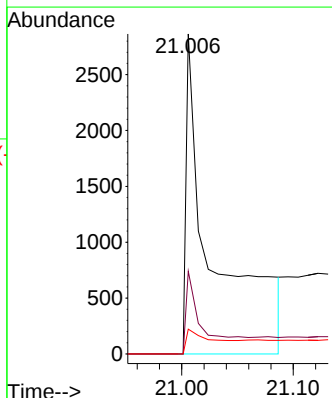
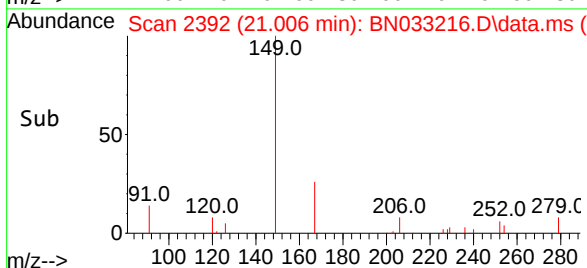
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

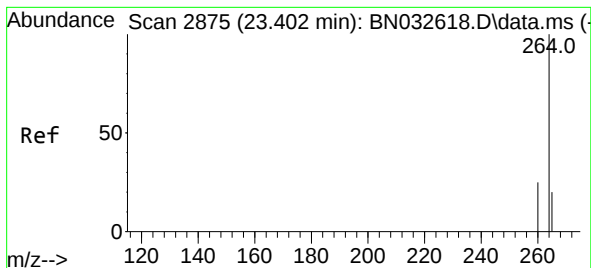


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.448 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02



Tgt Ion:149 Resp: 4708
Ion Ratio Lower Upper
149 100
167 18.0 21.4 32.2#
279 7.3 2.8 4.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.324 min Scan# 21

Delta R.T. 0.010 min

Lab File: BN033216.D

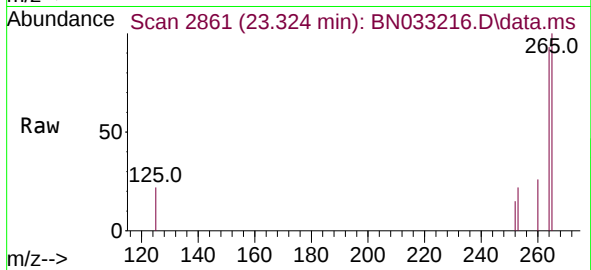
Acq: 03 Aug 2024 00:02

Instrument :

BNA_N

ClientSampleId :

MLS-15-70-85



Tgt Ion:264 Resp: 685

Ion Ratio Lower Upper

264 100

260 27.3 20.9 31.3

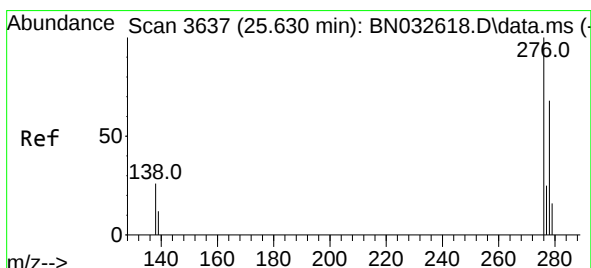
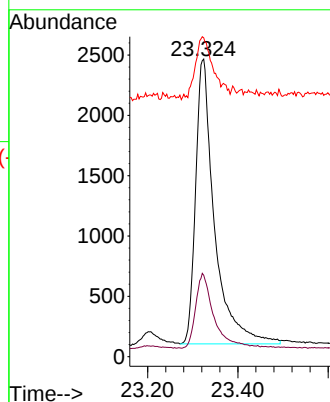
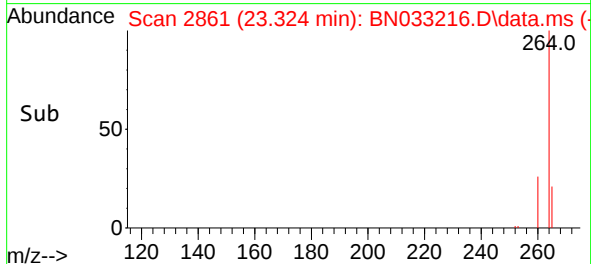
265 107.1 85.4 128.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/07/2024



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng m

RT: 25.558 min Scan# 3625

Delta R.T. 0.051 min

Lab File: BN033216.D

Acq: 03 Aug 2024 00:02

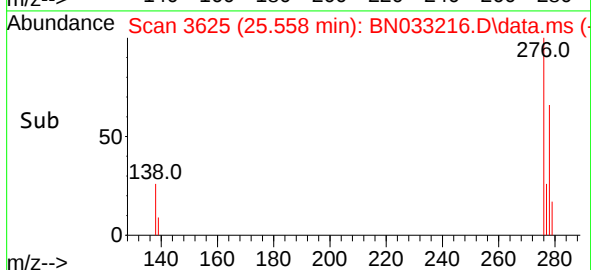
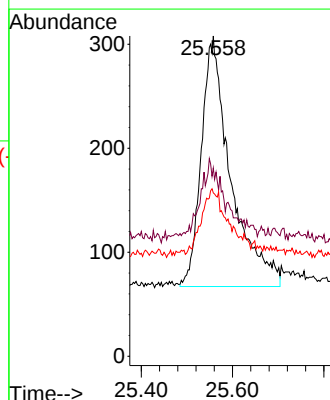
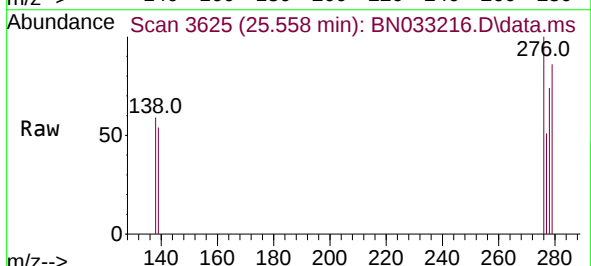
Tgt Ion:276 Resp: 1078

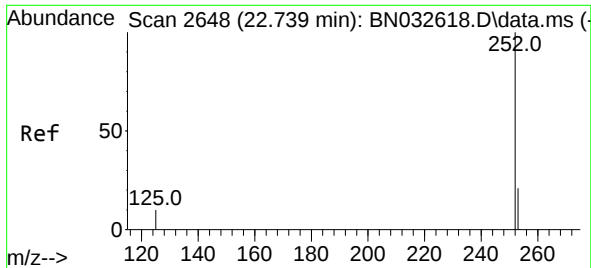
Ion Ratio Lower Upper

276 100

138 3.3 21.0 31.4#

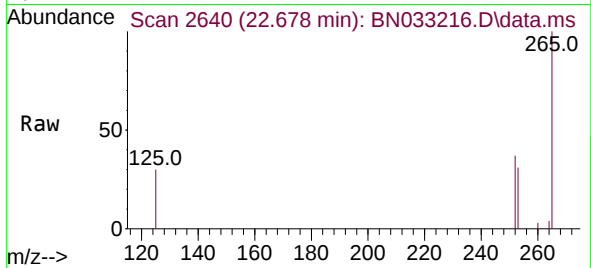
277 22.4 19.5 29.3





#37
Benzo(b)fluoranthene
Concen: 0.035 ng
RT: 22.678 min Scan# 2640
Delta R.T. 0.018 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

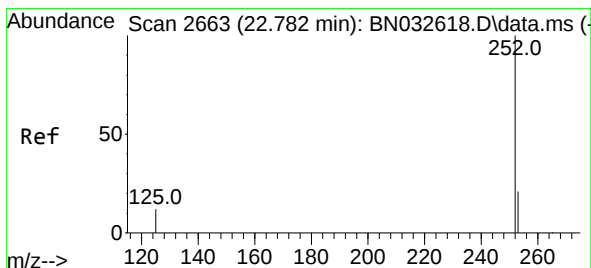
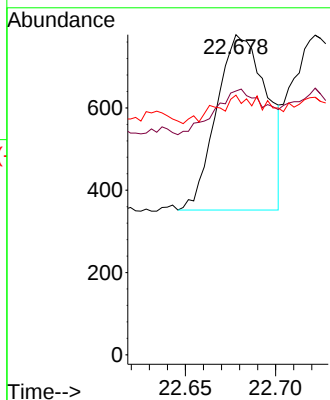
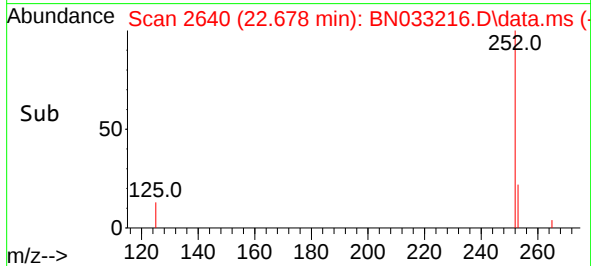
Instrument :
BNA_N
ClientSampleId :
MLS-15-70-85



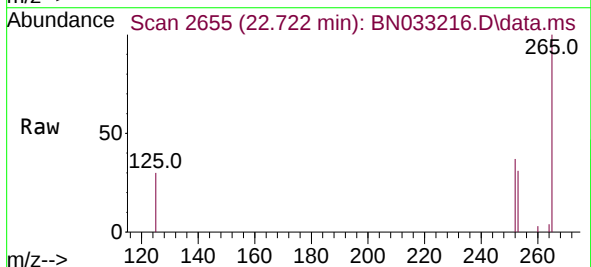
Tgt Ion:252 Resp: 83
Ion Ratio Lower Upper
252 100
253 82.4 22.3 33.5
125 81.1 15.4 23.2

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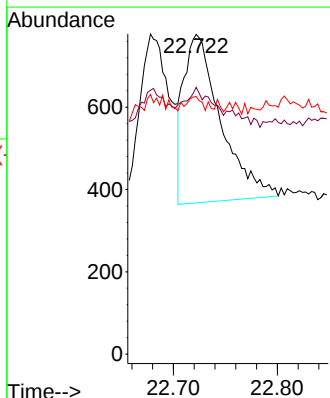
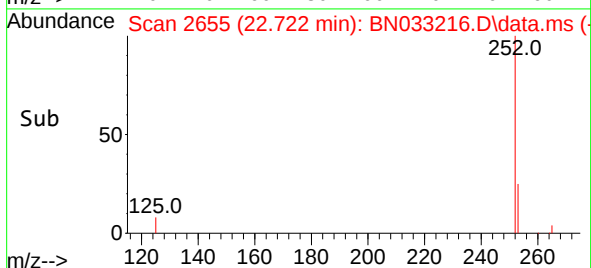
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

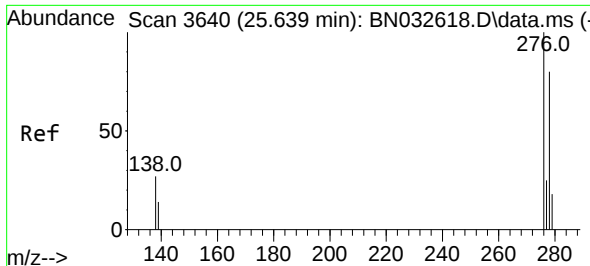


#38
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 22.722 min Scan# 2655
Delta R.T. 0.018 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02



Tgt Ion:252 Resp: 1010
Ion Ratio Lower Upper
252 100
253 83.4 22.6 34.0#
125 80.6 16.2 24.4#





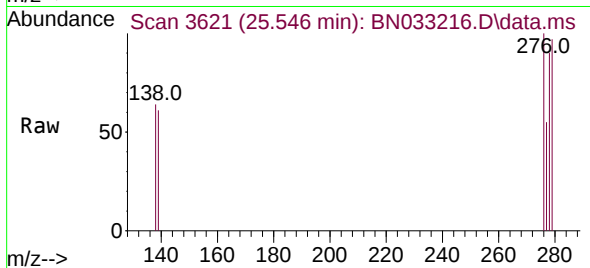
#40
Dibenzo(a,h)anthracene
Concen: 0.040 ng m
RT: 25.546 min Scan# 30
Delta R.T. 0.039 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02

Instrument :

BNA_N

ClientSampleId :

MLS-15-70-85



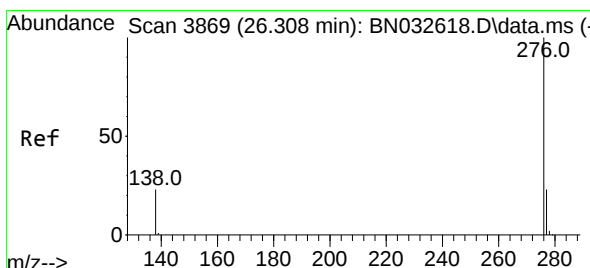
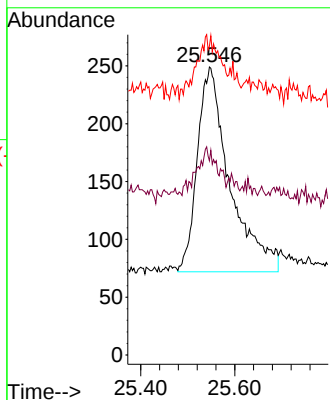
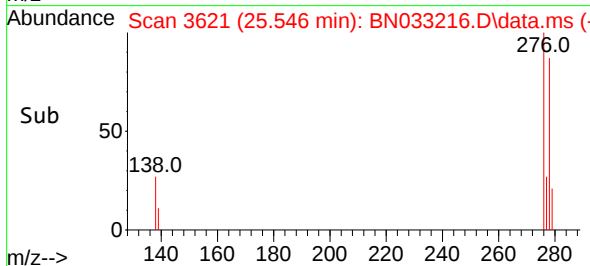
Tgt Ion:278 Resp: 849
Ion Ratio Lower Upper
278 100
139 67.5 16.7 25.1#
279 107.2 24.3 36.5#

Manual Integrations

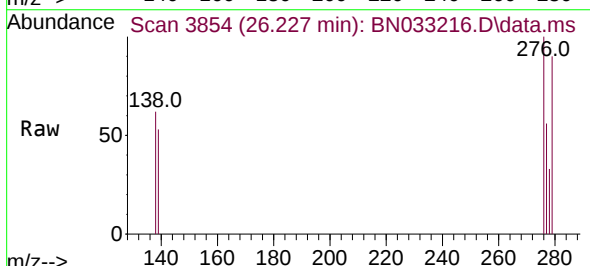
APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/07/2024



#41
Benzo(g,h,i)perylene
Concen: 0.034 ng m
RT: 26.227 min Scan# 3854
Delta R.T. 0.051 min
Lab File: BN033216.D
Acq: 03 Aug 2024 00:02



Tgt Ion:276 Resp: 801
Ion Ratio Lower Upper
276 100
277 55.9 20.2 30.2#
138 62.0 20.5 30.7#

