

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032255.D
 Acq On : 26 Jun 2024 01:07
 Operator : MA/JU
 Sample : P3034-04
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-062124

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 02:55:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	6917	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	20258	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	12374	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	26823	0.400	ng	0.00
29) Chrysene-d12	21.229	240	25338	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	27525	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	2780	0.141	ng	0.00
5) Phenol-d6	6.830	99	1540	0.060	ng	0.00
8) Nitrobenzene-d5	8.788	82	4343	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	12.005	152	8641	0.268	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1883	0.317	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	13385	0.285	ng	-0.01
27) Fluoranthene-d10	19.063	212	26626	0.365	ng	0.00
31) Terphenyl-d14	19.667	244	20359	0.329	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	425	0.050	ng	# 1
32) Benzo(a)anthracene	21.211	228	1975	0.021	ng	# 77
33) Chrysene	21.265	228	2182	0.024	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.130	149	13354	0.205	ng	99
36) Indeno(1,2,3-cd)pyrene	25.706	276	2917m	0.028	ng	
37) Benzo(b)fluoranthene	22.782	252	3475	0.035	ng	# 1
38) Benzo(k)fluoranthene	22.826	252	2974m	0.031	ng	
40) Dibenzo(a,h)anthracene	25.712	278	2027	0.025	ng	# 1
41) Benzo(g,h,i)perylene	26.390	276	1790m	0.021	ng	

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

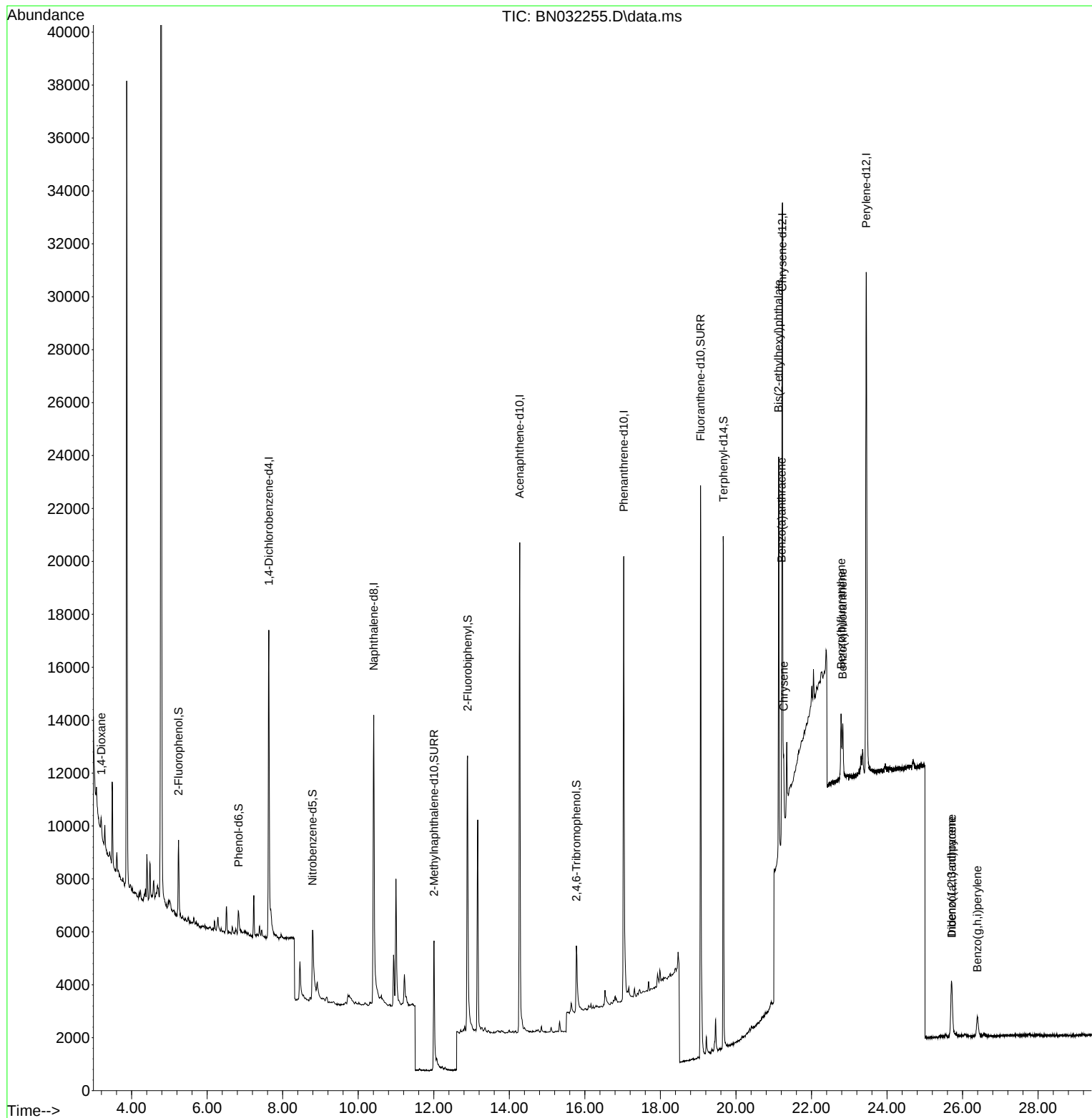
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032255.D
Acq On : 26 Jun 2024 01:07
Operator : MA/JU
Sample : P3034-04
Misc :
ALS Vial : 59 Sample Multiplier: 1

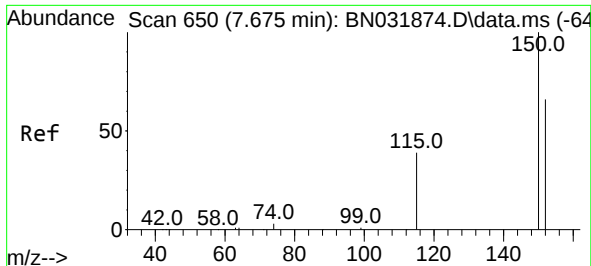
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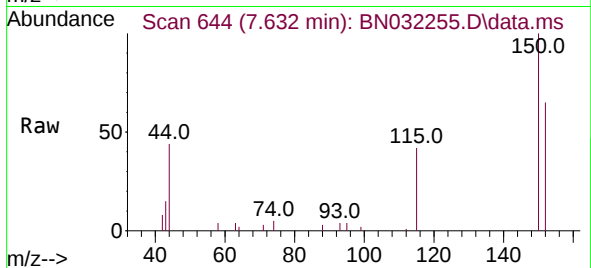
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032255.D
 Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124



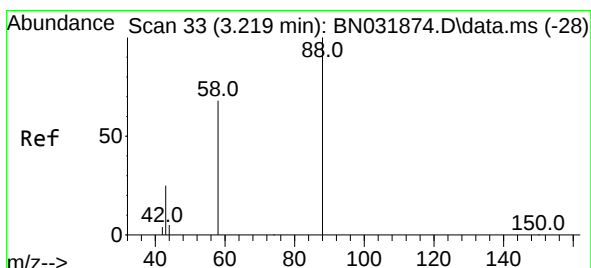
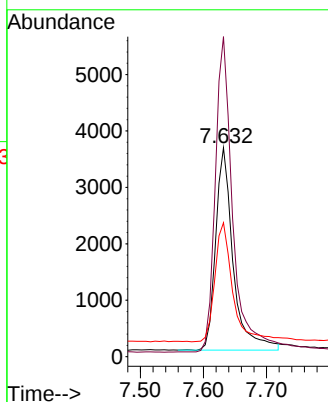
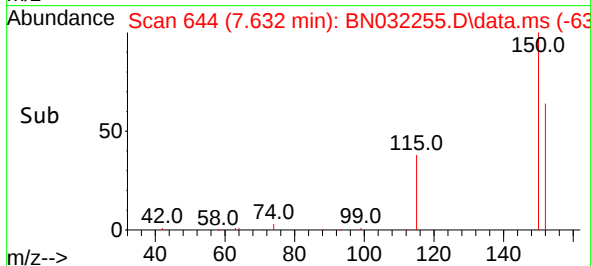
Tgt Ion:152 Resp: 691
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.0 181.4
 115 64.1 49.4 74.0

Manual Integrations

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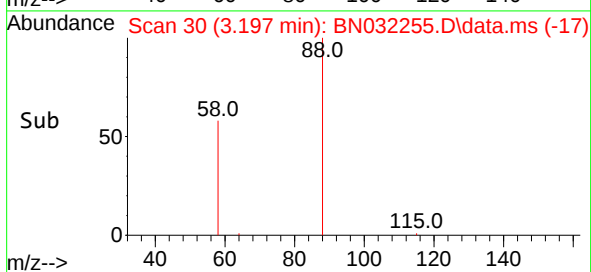
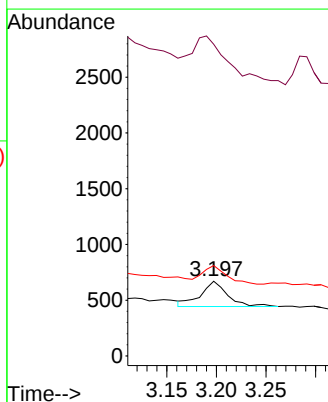
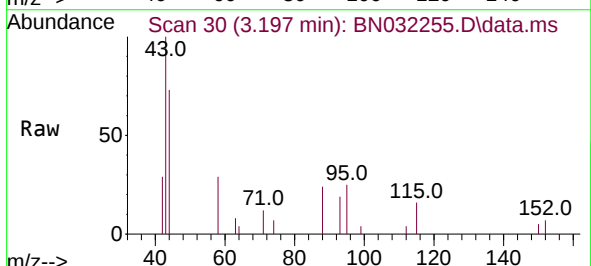
Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#2
 1,4-Dioxane
 Concen: 0.050 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032255.D
 Acq: 26 Jun 2024 01:07

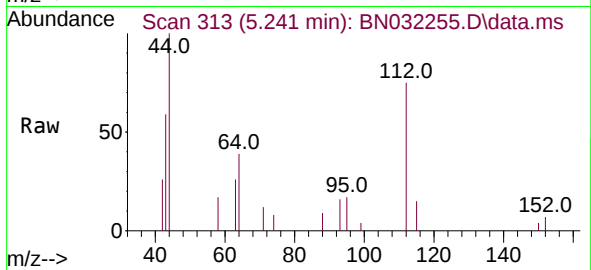
Tgt Ion: 88 Resp: 425
 Ion Ratio Lower Upper
 88 100
 43 281.4 22.7 34.1#
 58 64.9 51.3 76.9





#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.241 min Scan# 317
Delta R.T. -0.007 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

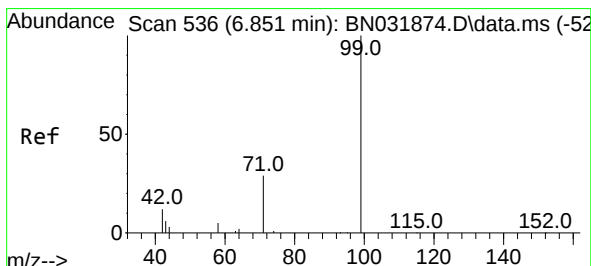
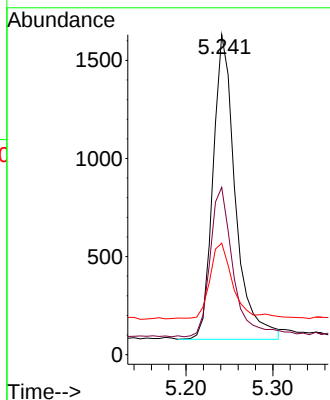
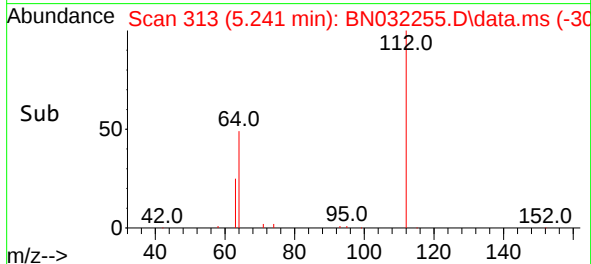
Instrument :
BNA_N
ClientSampleId :
EB-01-062124



Tgt Ion:112 Resp: 2780
Ion Ratio Lower Upper
112 100
64 50.3 42.4 63.6
63 25.2 22.1 33.1

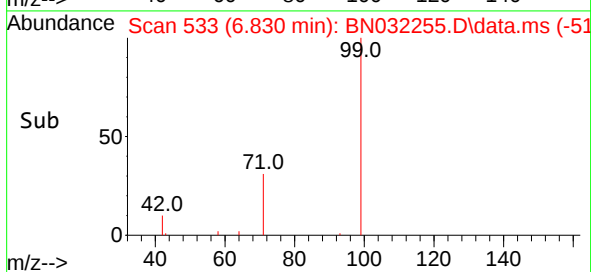
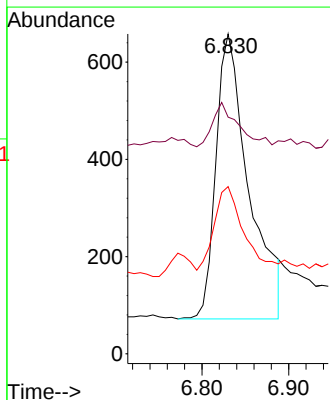
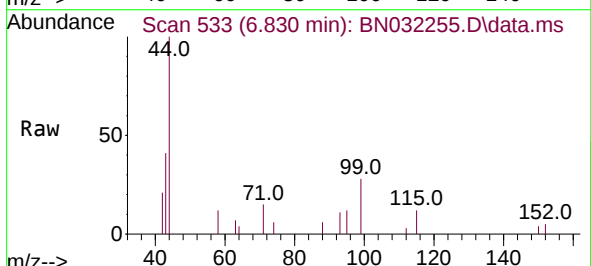
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#5
Phenol-d6
Concen: 0.060 ng
RT: 6.830 min Scan# 533
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion: 99 Resp: 1540
Ion Ratio Lower Upper
99 100
42 12.1 12.8 19.2#
71 26.7 25.4 38.2





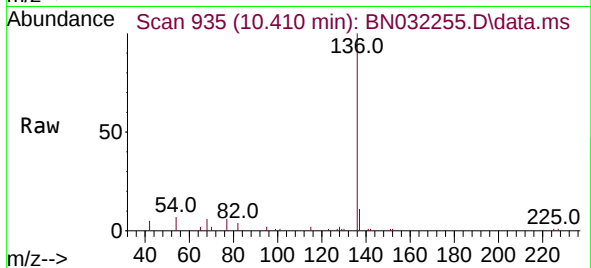
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124



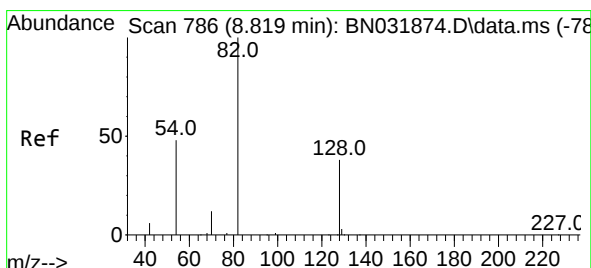
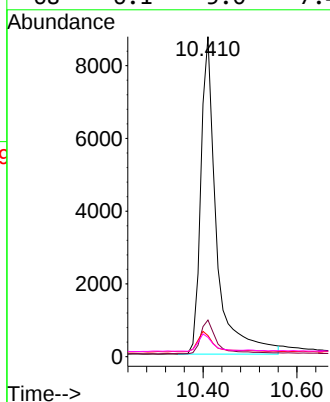
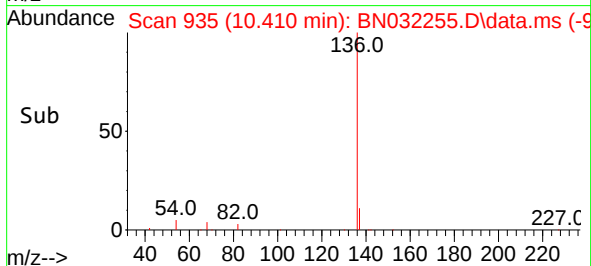
Tgt Ion:136 Resp: 2025
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 6.6 5.6 8.4
68 6.1 5.0 7.4

Manual Integrations

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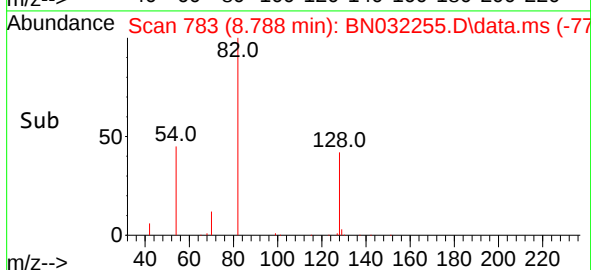
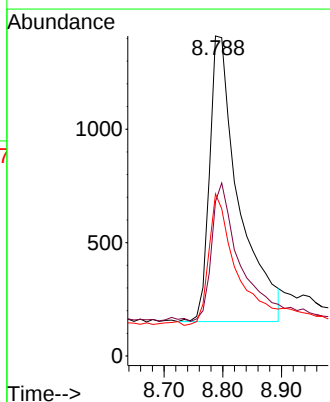
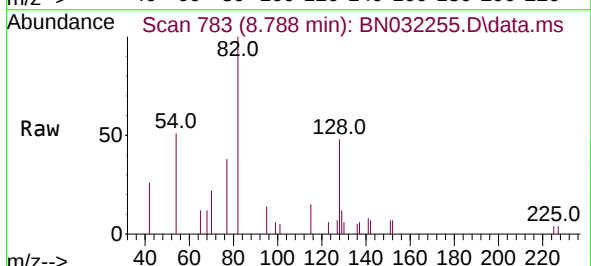
Reviewed By :Yogesh Patel 06/27/2024

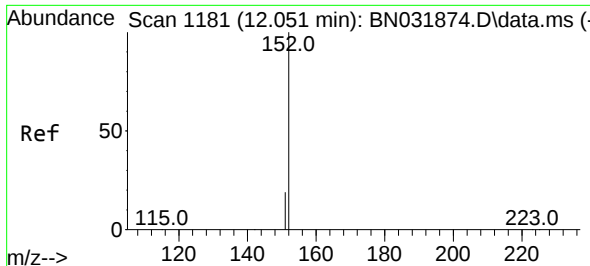
Supervised By :mohammad ahmed 06/27/2024



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

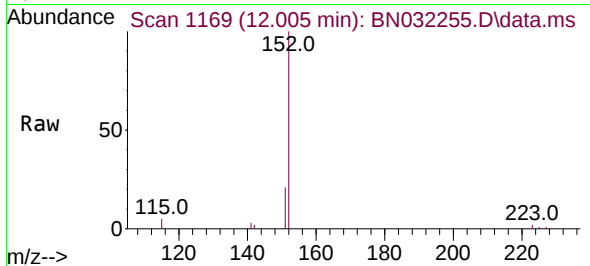
Tgt Ion: 82 Resp: 4343
Ion Ratio Lower Upper
82 100
128 48.3 32.1 48.1#
54 50.7 39.7 59.5





#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.005 min Scan# 1181
Delta R.T. -0.015 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

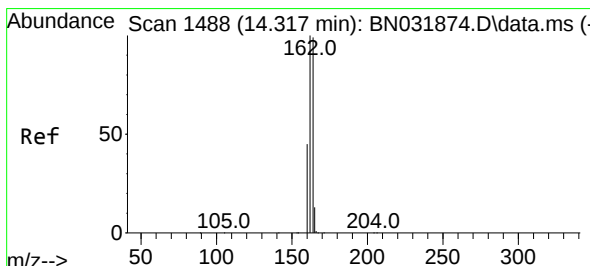
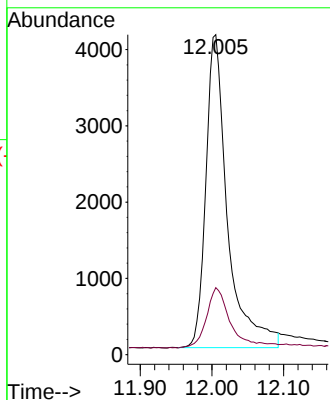
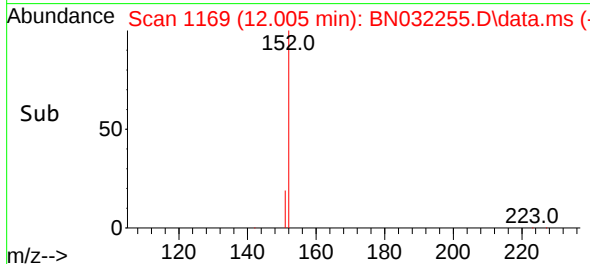
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BNA_N
ClientSampleId :
EB-01-062124



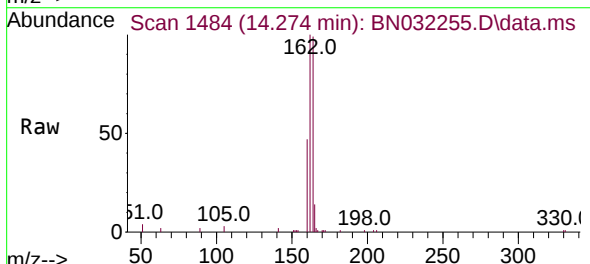
Tgt Ion:152 Resp: 864
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5

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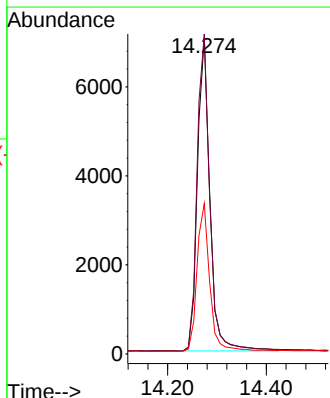
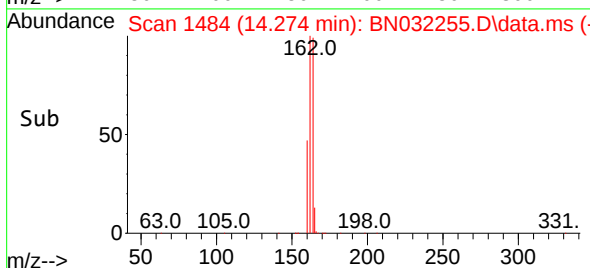
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07



Tgt Ion:164 Resp: 12374
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 47.6 36.2 54.4





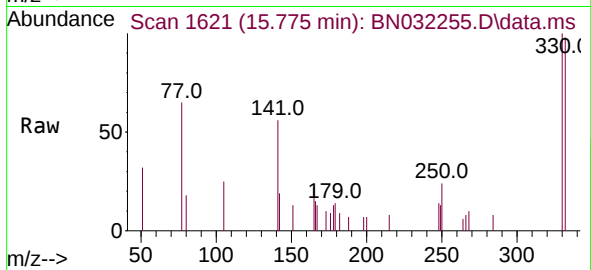
#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.775 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124



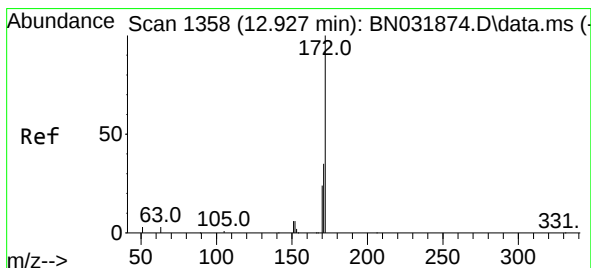
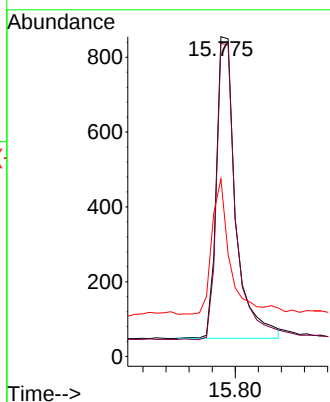
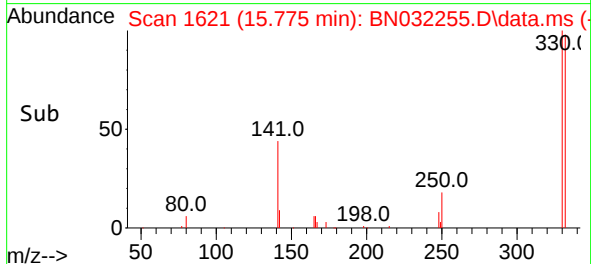
Tgt Ion:330 Resp: 188
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 41.9 34.7 52.1

Manual Integrations

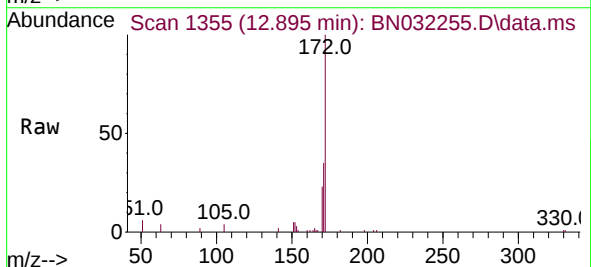
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

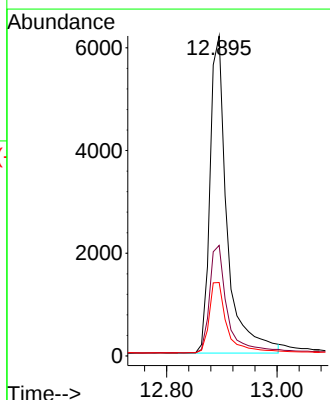
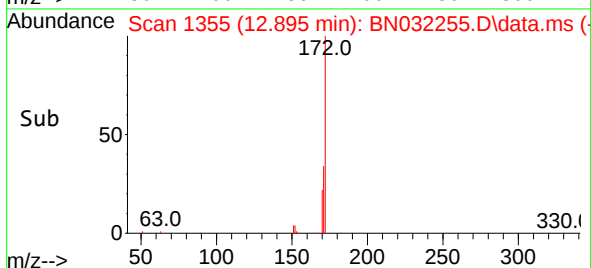
Supervised By :mohammad ahmed 06/27/2024

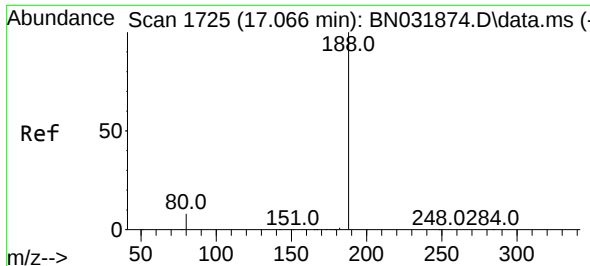


#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07



Tgt Ion:172 Resp: 13385
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 22.9 19.2 28.8





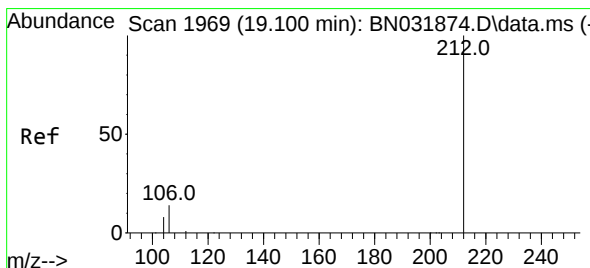
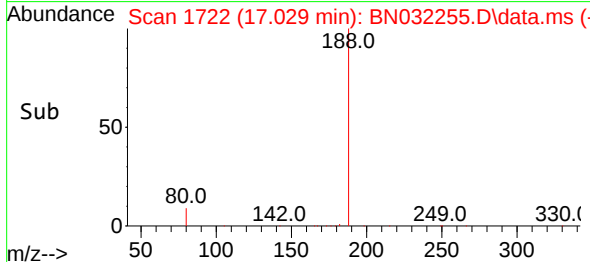
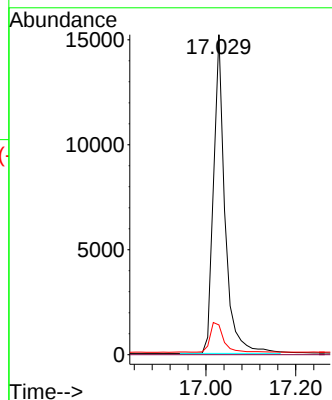
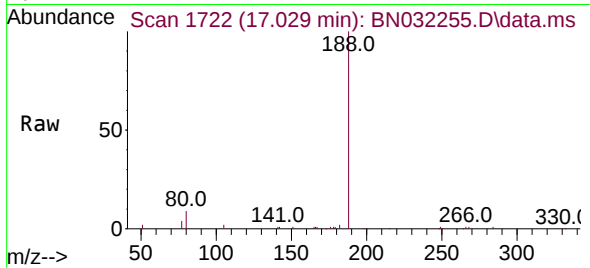
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Instrument :
BNA_N
ClientSampleId :
EB-01-062124

Tgt Ion:188 Resp: 2682
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.4 9.6

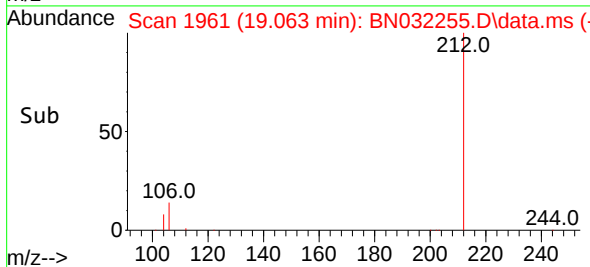
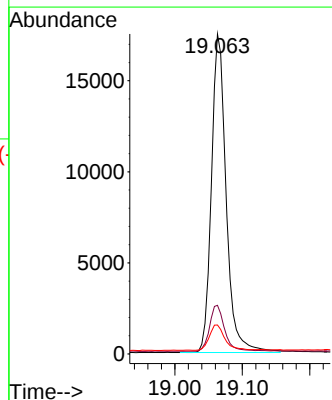
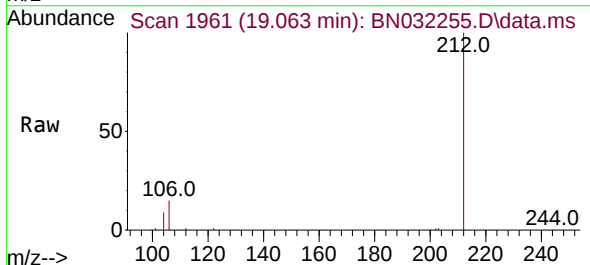
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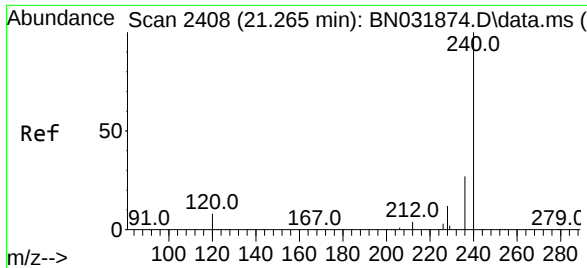
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion:212 Resp: 26626
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.8
104 8.3 6.6 10.0





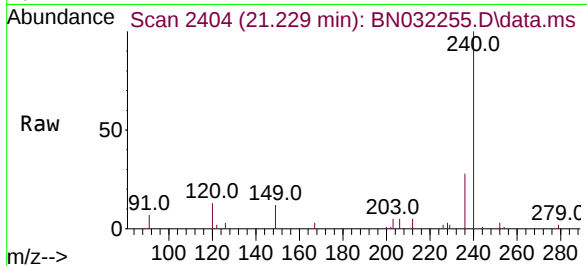
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Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124



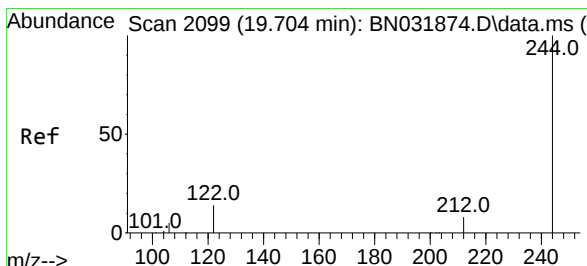
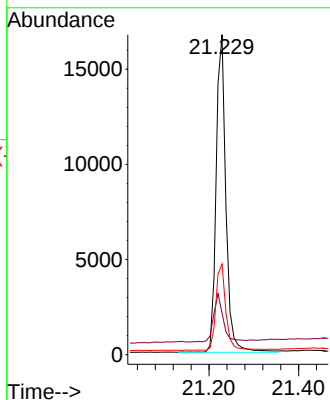
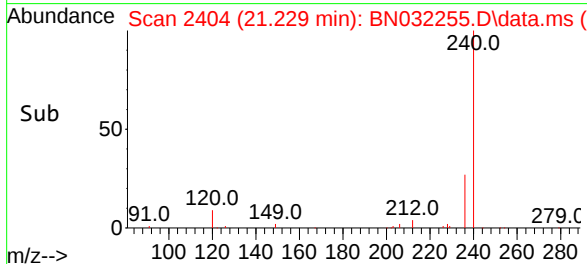
Tgt Ion:240 Resp: 25338
Ion Ratio Lower Upper
240 100
120 13.0 8.2 12.4
236 28.3 21.8 32.8

Manual Integrations

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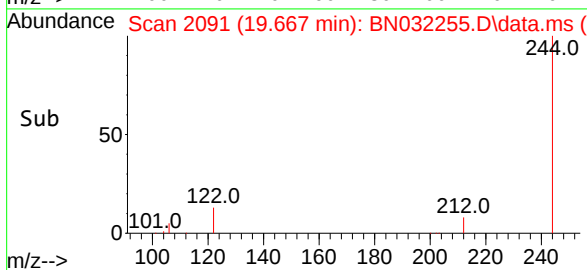
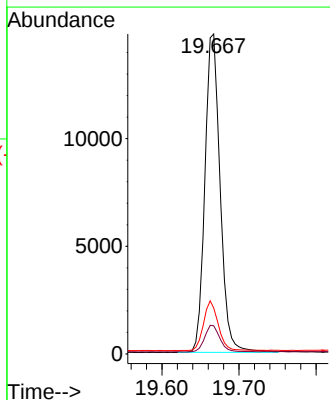
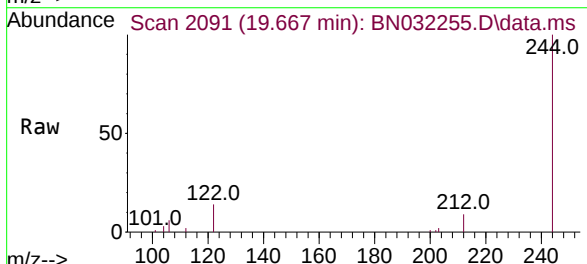
Reviewed By :Yogesh Patel 06/27/2024

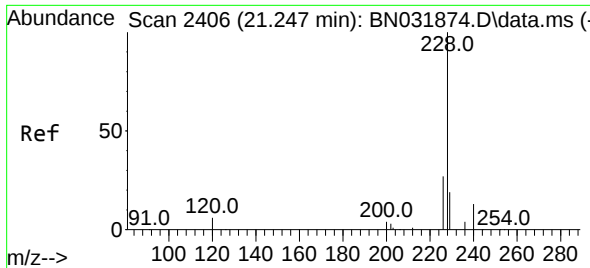
Supervised By :mohammad ahmed 06/27/2024



#31
Terphenyl-d14
Concen: 0.329 ng
RT: 19.667 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion:244 Resp: 20359
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 14.4 11.4 17.0





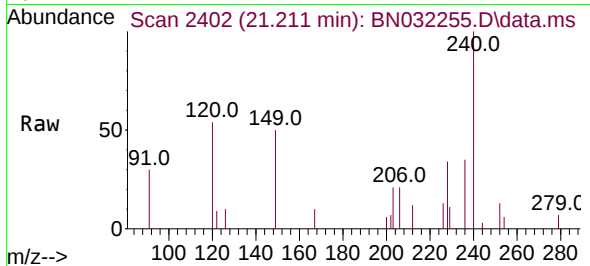
#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124



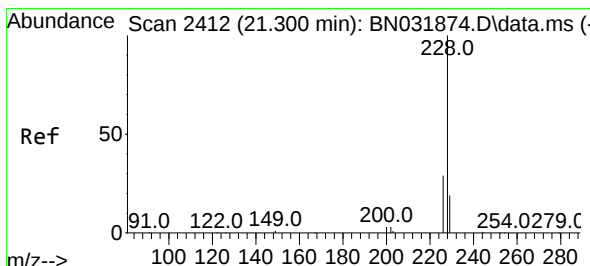
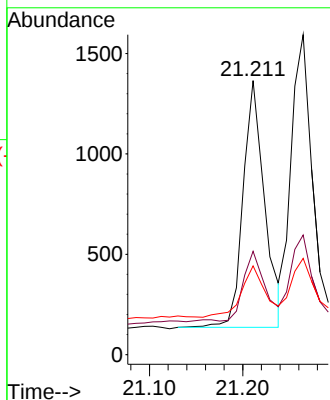
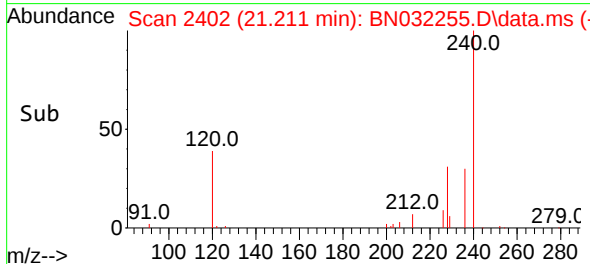
Tgt Ion:228 Resp: 197
Ion Ratio Lower Upper
228 100
226 37.7 21.8 32.6
229 32.4 15.8 23.8

Manual Integrations

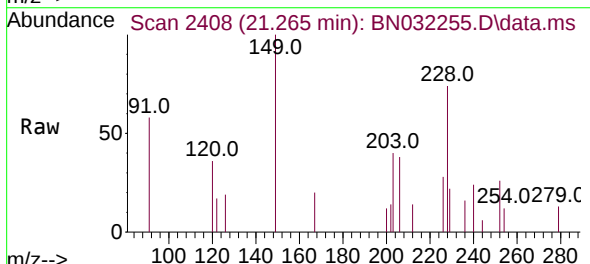
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

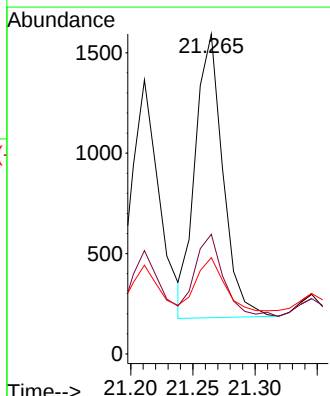
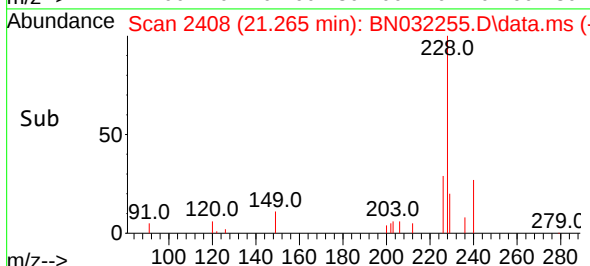
Supervised By :mohammad ahmed 06/27/2024

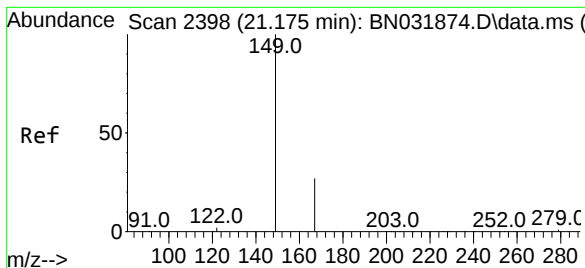


#33
Chrysene
Concen: 0.024 ng
RT: 21.265 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07



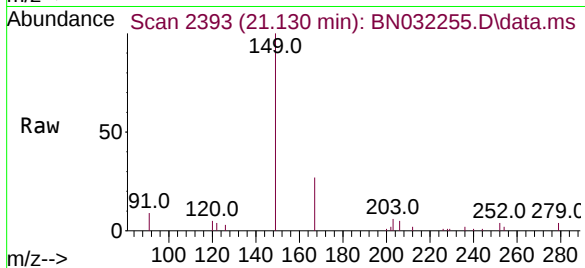
Tgt Ion:228 Resp: 2182
Ion Ratio Lower Upper
228 100
226 37.4 23.6 35.4#
229 30.1 15.8 23.6#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.205 ng
RT: 21.130 min Scan# 21130
Delta R.T. -0.018 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

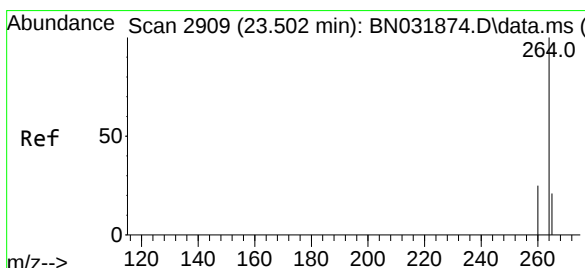
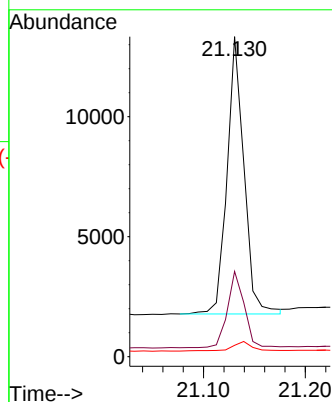
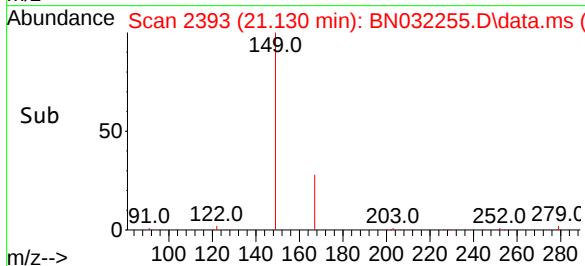
Instrument :
BNA_N
ClientSampleId :
EB-01-062124



Tgt Ion:149 Resp: 13354
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 4.1 2.9 4.3

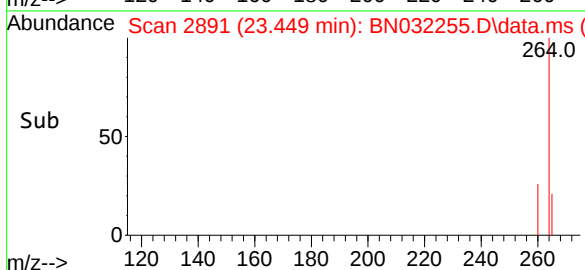
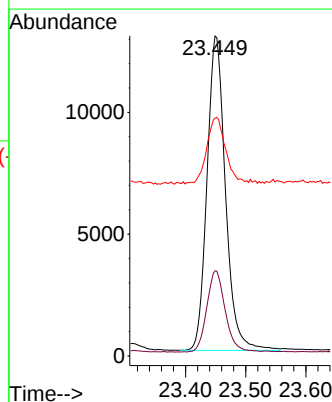
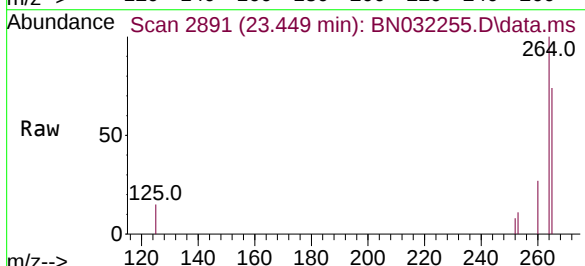
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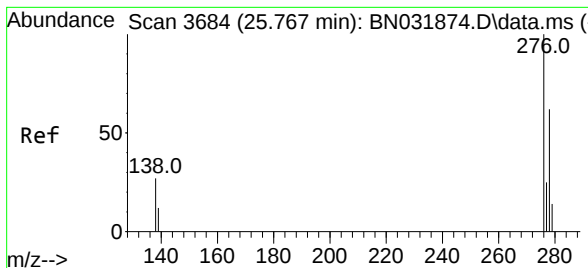
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.449 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion:264 Resp: 27525
Ion Ratio Lower Upper
264 100
260 26.6 20.5 30.7
265 74.4 39.6 59.4#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.028 ng m

RT: 25.706 min Scan# 30

Delta R.T. 0.012 min

Lab File: BN032255.D

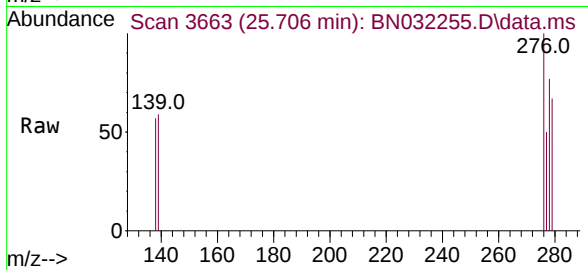
Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124



Tgt Ion:276 Resp: 291

Ion Ratio Lower Upper

276 100

138 12.3 21.5 32.3#

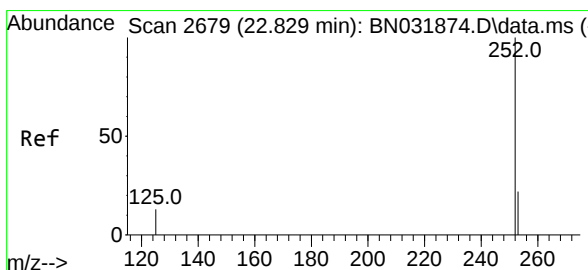
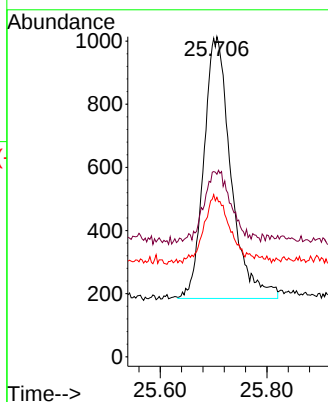
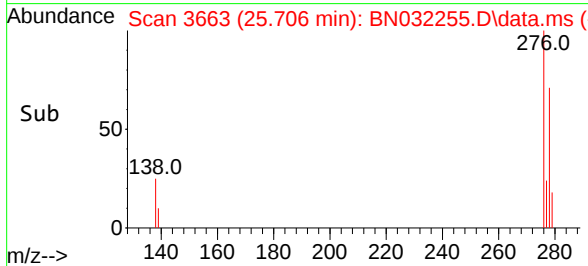
277 23.0 19.8 29.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#37

Benzo(b)fluoranthene

Concen: 0.035 ng

RT: 22.782 min Scan# 2663

Delta R.T. -0.003 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

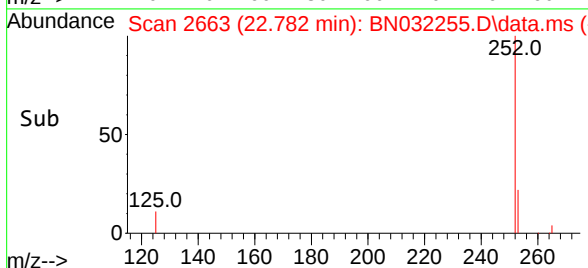
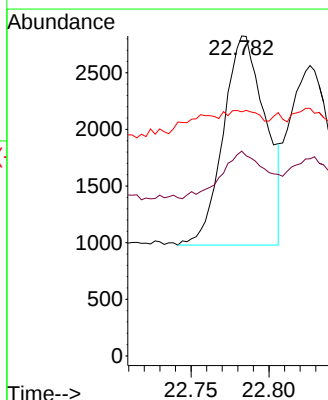
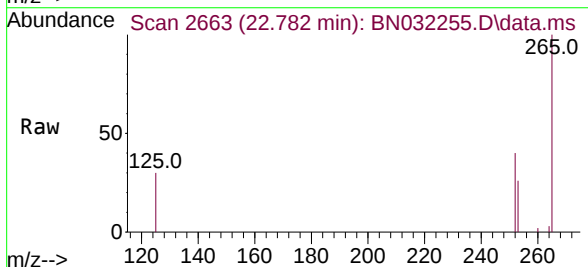
Tgt Ion:252 Resp: 3475

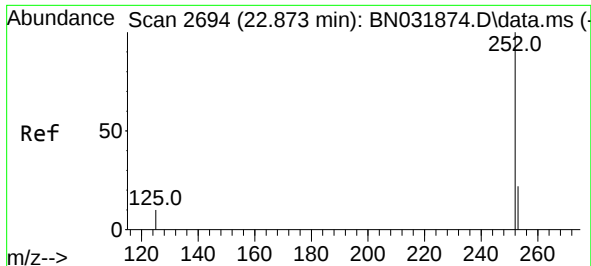
Ion Ratio Lower Upper

252 100

253 64.0 20.2 30.2#

125 76.3 14.2 21.4#





#38

Benzo(k)fluoranthene

Concen: 0.031 ng m

RT: 22.826 min Scan# 2

Delta R.T. -0.003 min

Lab File: BN032255.D

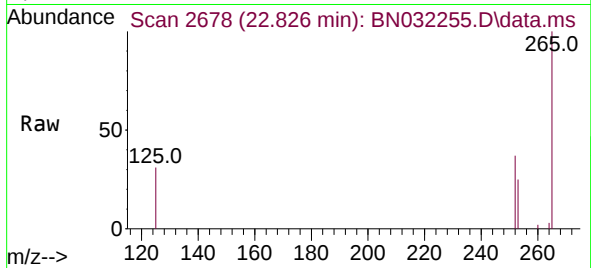
Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124



Tgt Ion:252 Resp: 2974

Ion Ratio Lower Upper

252 100

253 67.9 19.9 29.9#

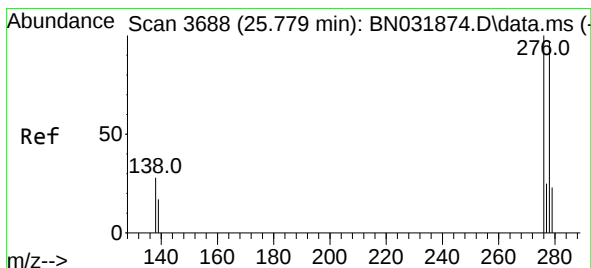
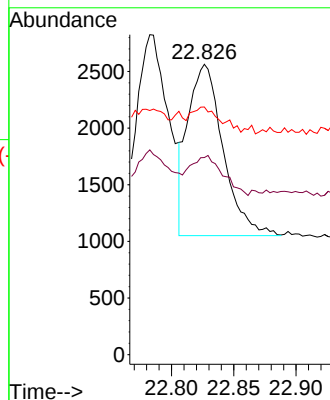
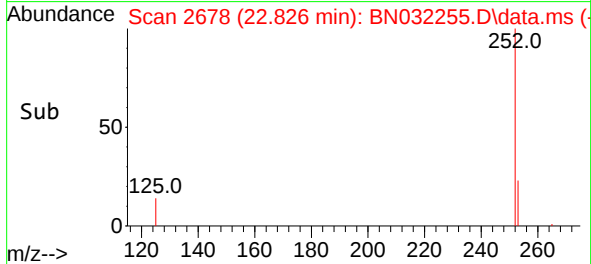
125 85.3 13.0 19.4#

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.025 ng

RT: 25.712 min Scan# 3665

Delta R.T. 0.006 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

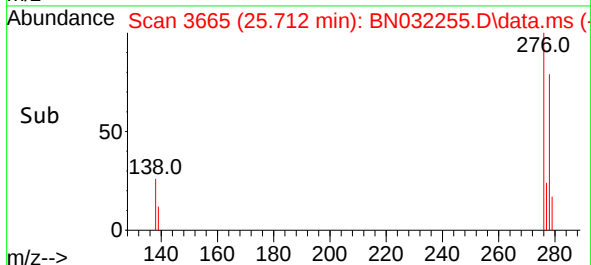
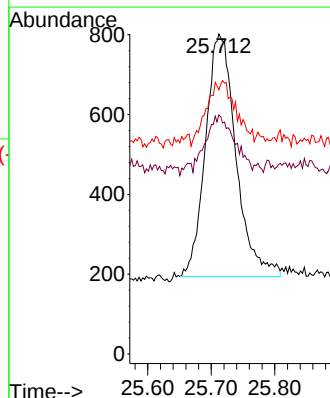
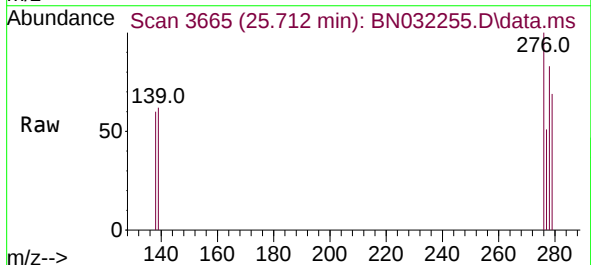
Tgt Ion:278 Resp: 2027

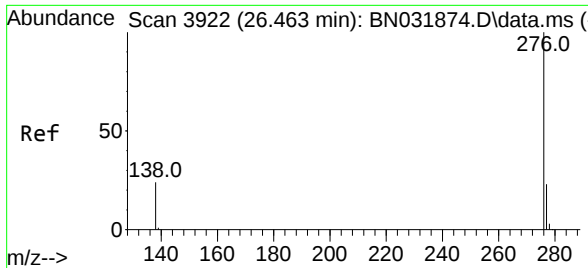
Ion Ratio Lower Upper

278 100

139 74.7 17.0 25.4#

279 82.5 21.4 32.0#





#41

Benzo(g,h,i)perylene

Concen: 0.021 ng m

RT: 26.390 min Scan# 31

Delta R.T. 0.012 min

Lab File: BN032255.D

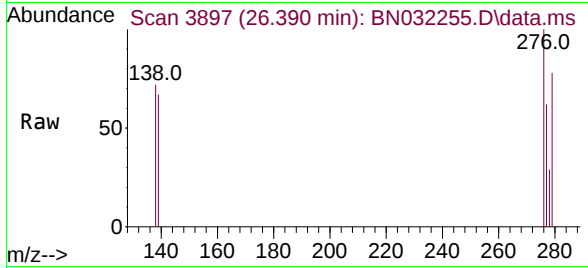
Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124



Tgt Ion:276 Resp: 1790

Ion Ratio Lower Upper

276 100

277 61.9 20.2 30.2

138 71.8 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024

