

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032540.D
 Acq On : 06 Jul 2024 11:12
 Operator : MA/JU
 Sample : P2963-13DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:44:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.591	152	7089	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	20294	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.235	164	11232	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.991	188	21814	0.400	ng/ul	-0.02
17) Chrysene-d12	21.200	240	19936	0.400	ng/ul	0.00
23) Perylene-d12	23.412	264	25132	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	6630	0.841	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1552	0.051	ng/ul	-0.01
18) Fluoranthene-d10	19.027	212	3648	0.061	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.415	128	21130	0.393	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	12280	0.345	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	12189	0.330	ng/ul	99
10) Acenaphthylene	13.957	152	18402	0.394	ng/ul#	95
11) Acenaphthene	14.299	153	28412	0.784	ng/ul	99
12) Fluorene	15.294	166	35554	0.823	ng/ul	99
15) Phenanthrene	17.033	178	561663	9.392	ng/ul	99
16) Anthracene	17.126	178	105416	1.976	ng/ul	99
19) Fluoranthene	19.059	202	573008	7.548	ng/ul	98
20) Pyrene	19.426	202	494715	6.236	ng/ul	99
21) Benzo(a)anthracene	21.182	228	276314	3.840	ng/ul	98
22) Chrysene	21.235	228	290627	3.680	ng/ul	97
24) Benzo(b)fluoranthene	22.749	252	305750m	2.800	ng/ul	
25) Benzo(k)fluoranthene	22.787	252	106291m	1.002	ng/ul	
26) Benzo(a)pyrene	23.316	252	129389	1.703	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.643	276	103249	0.868	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.643	278	39218	0.444	ng/ul#	89
29) Benzo(g,h,i)perylene	26.330	276	14088	0.149	ng/ul#	80

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

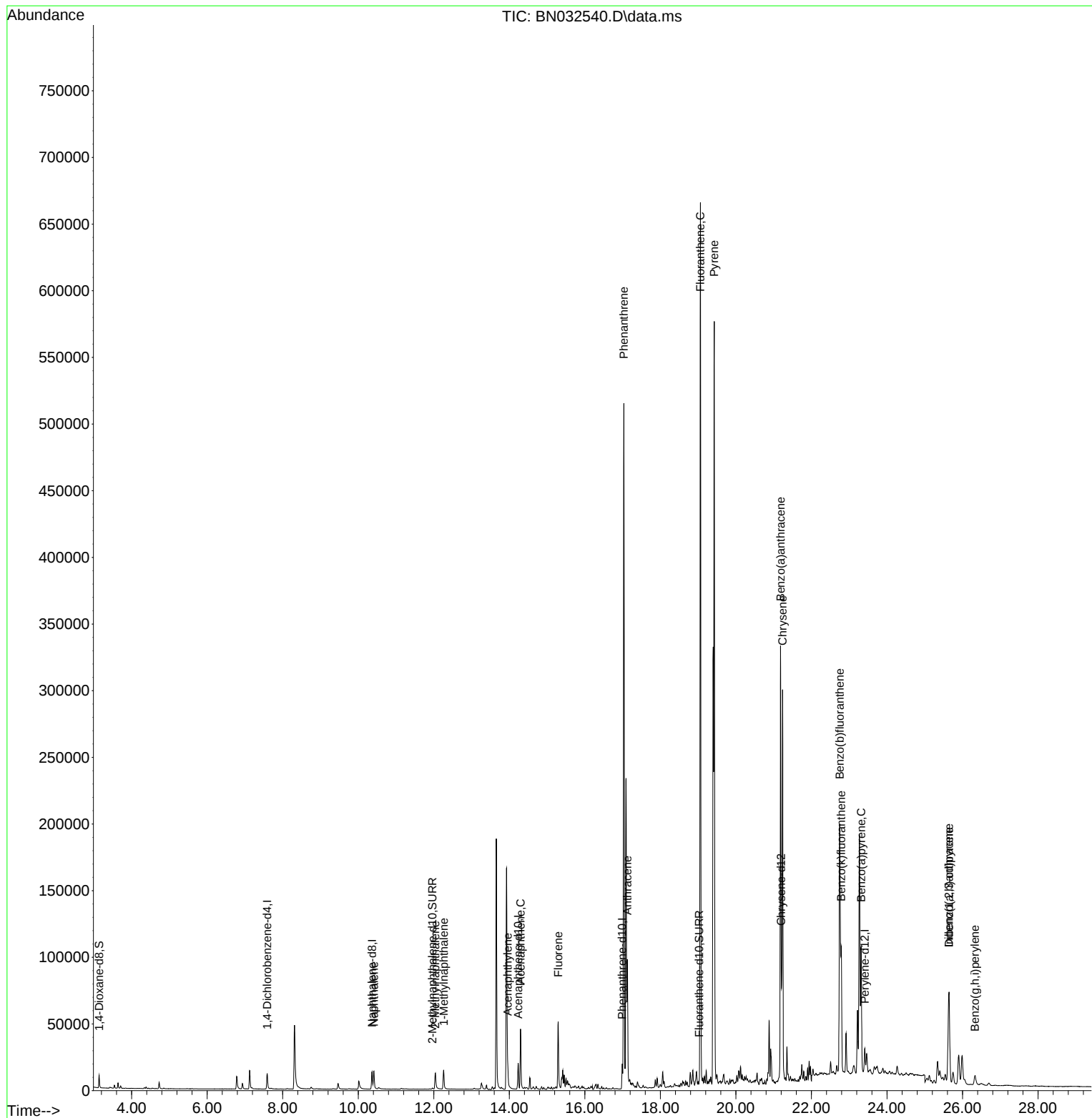
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032540.D
Acq On : 06 Jul 2024 11:12
Operator : MA/JU
Sample : P2963-13DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

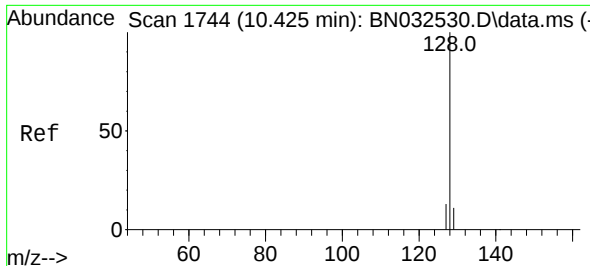
Instrument :
BNA_N
ClientSampleId :
A4CR7DL

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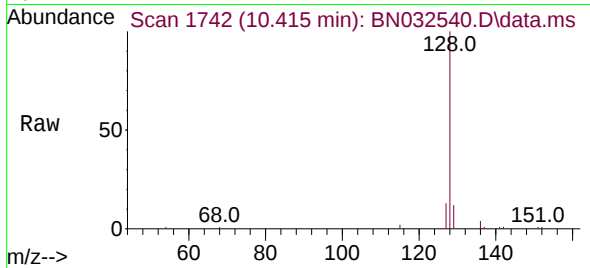
Quant Time: Jul 07 23:44:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.415 min Scan# 1744
Delta R.T. -0.016 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

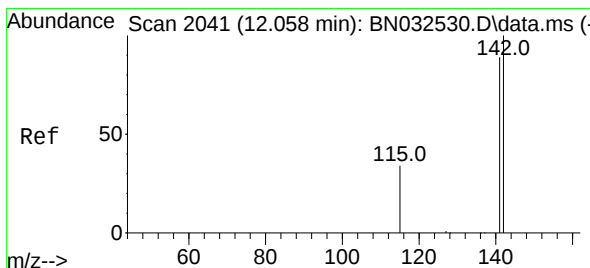
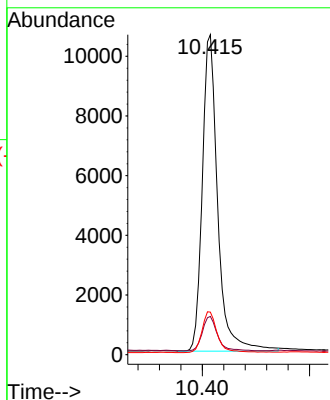
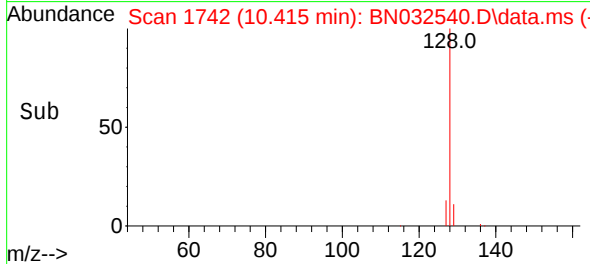
Instrument :
BNA_N
ClientSampleId :
A4CR7DL



Tgt Ion:128 Resp: 21130
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.3 10.8 16.2

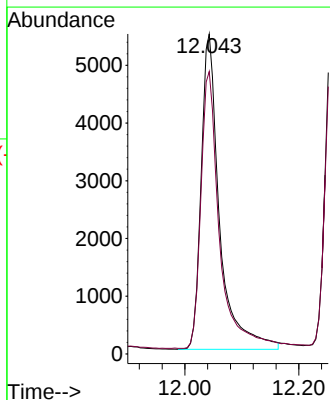
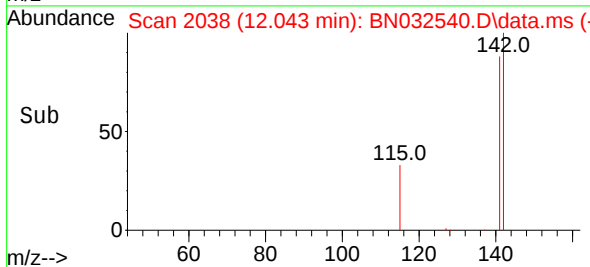
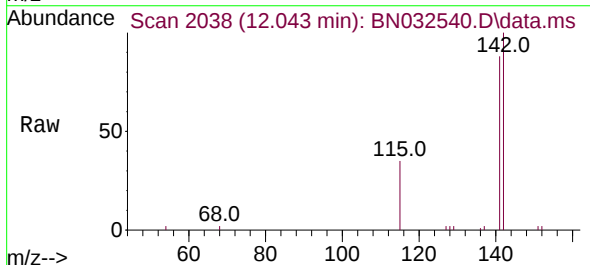
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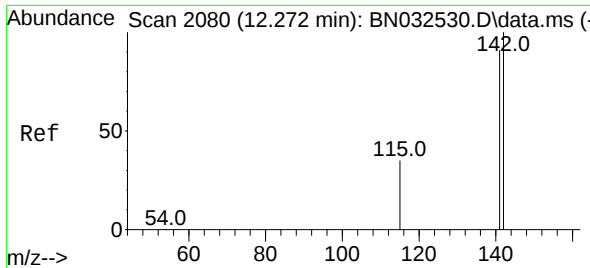
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

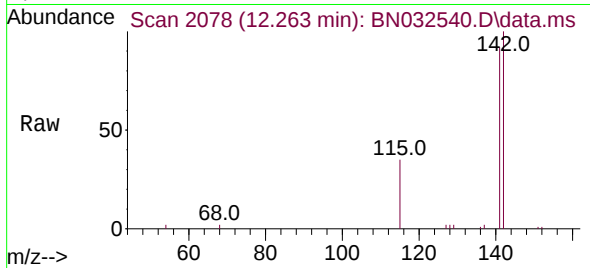
Tgt Ion:142 Resp: 12280
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.263 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

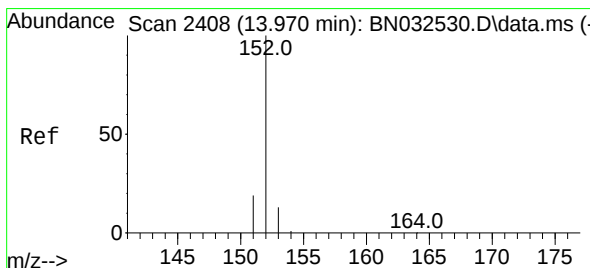
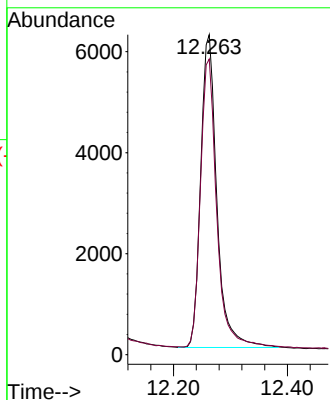
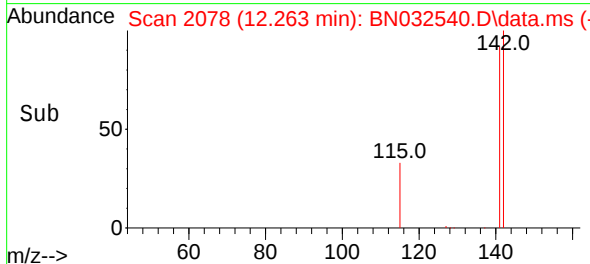
Instrument :
BNA_N
ClientSampleId :
A4CR7DL



Tgt Ion:142 Resp: 12189
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0

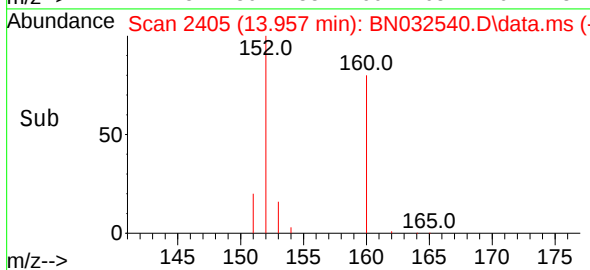
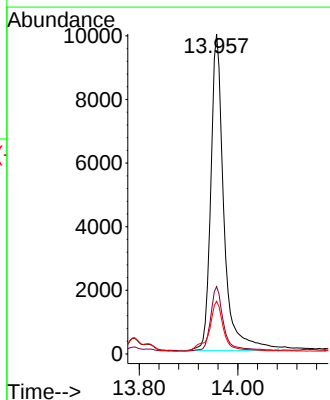
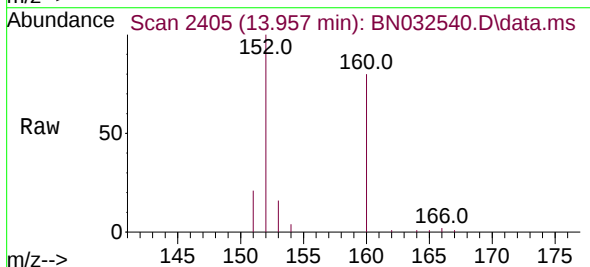
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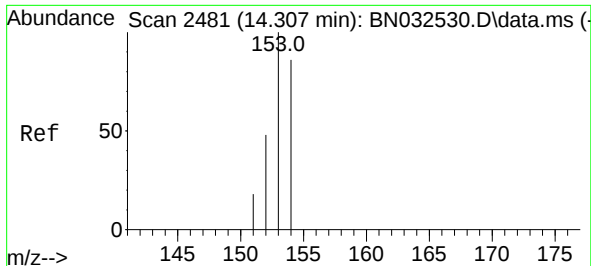
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 13.957 min Scan# 2405
Delta R.T. -0.014 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

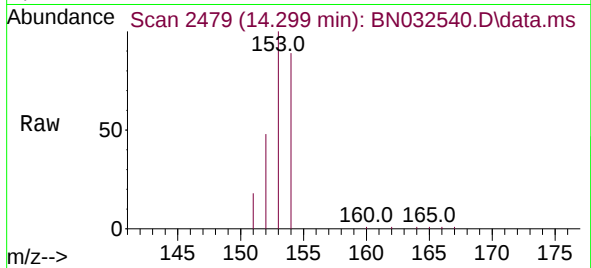
Tgt Ion:152 Resp: 18402
Ion Ratio Lower Upper
152 100
151 21.0 15.7 23.5
153 16.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.784 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

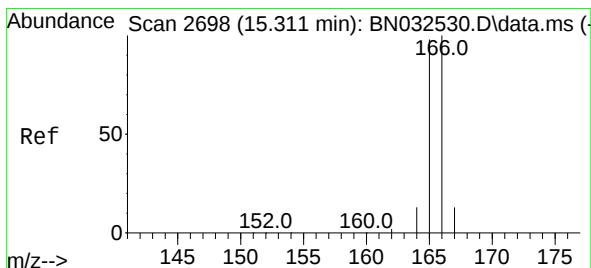
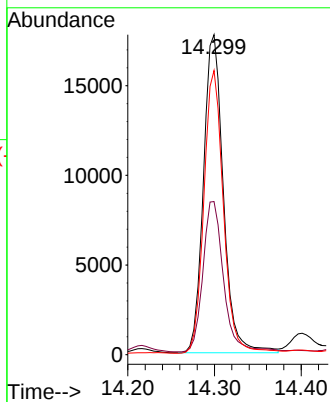
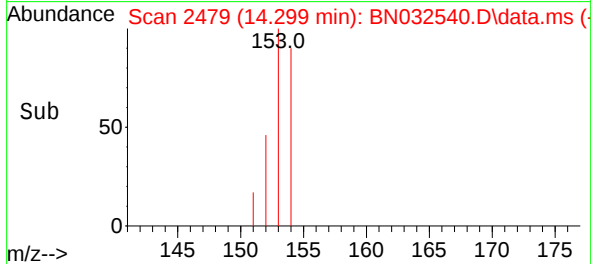
Instrument :
BNA_N
ClientSampleId :
A4CR7DL



Tgt Ion:153 Resp: 2841
Ion Ratio Lower Upper
153 100
152 47.9 39.5 59.3
154 88.8 71.7 107.5

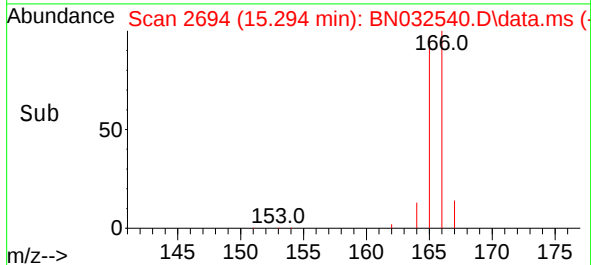
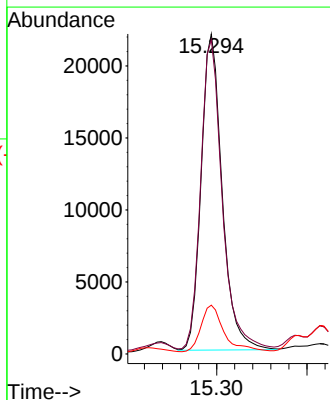
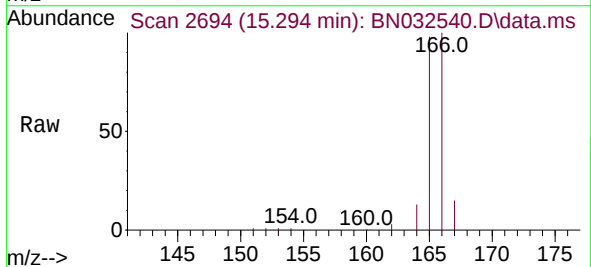
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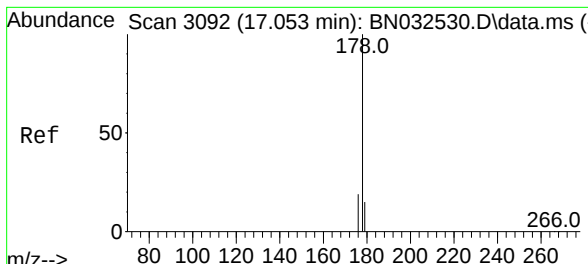
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.823 ng/ul
RT: 15.294 min Scan# 2694
Delta R.T. -0.018 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Tgt Ion:166 Resp: 35554
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.6
167 15.3 11.0 16.6





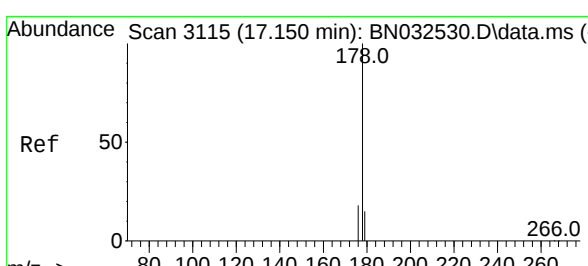
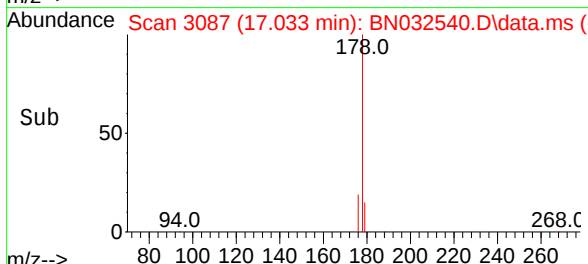
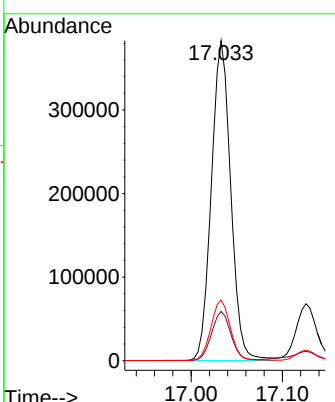
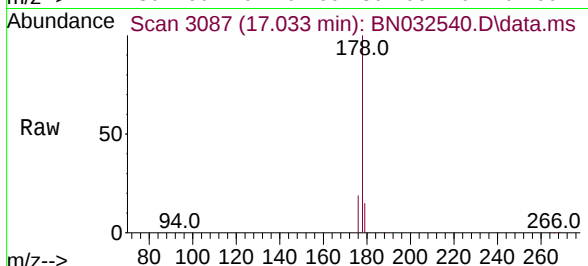
#15
 Phenanthrene
 Concen: 9.392 ng/ul
 RT: 17.033 min Scan# 3092
 Delta R.T. -0.017 min
 Lab File: BN032540.D
 Acq: 06 Jul 2024 11:12

Instrument : BNA_N
 ClientSampleId : A4CR7DL

Tgt Ion:178 Resp: 561663

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.0	15.6	23.4

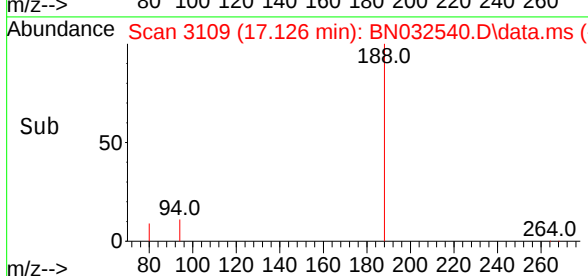
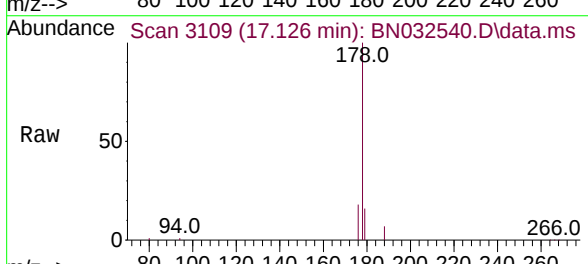
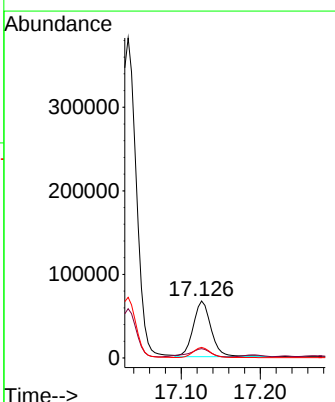
Manual Integrations
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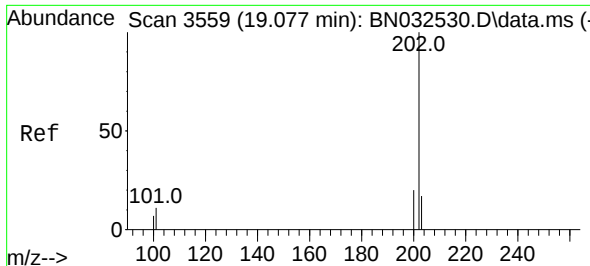


#16
 Anthracene
 Concen: 1.976 ng/ul
 RT: 17.126 min Scan# 3109
 Delta R.T. -0.017 min
 Lab File: BN032540.D
 Acq: 06 Jul 2024 11:12

Tgt Ion:178 Resp: 105416

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	18.5	15.0	22.6





#19

Fluoranthene

Concen: 7.548 ng/ul

RT: 19.059 min Scan# 3555

Delta R.T. -0.014 min

Lab File: BN032540.D

Acq: 06 Jul 2024 11:12

Instrument :

BNA_N

ClientSampleId :

A4CR7DL

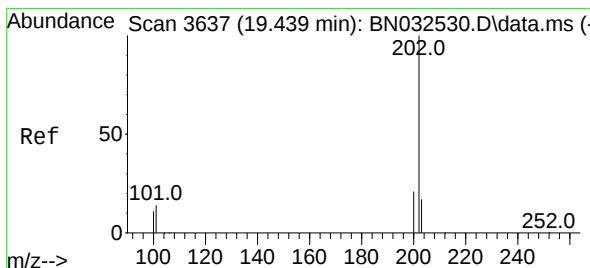
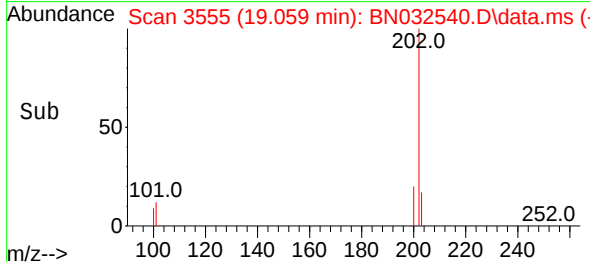
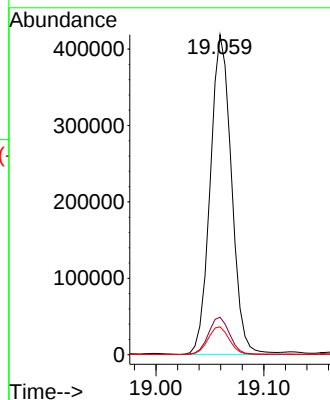
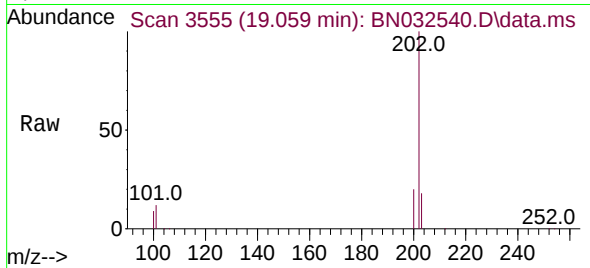
Tgt Ion:202	Resp:	573008
Ion Ratio	Lower	Upper
202	100	
101	11.7	8.8 13.2
100	8.7	6.4 9.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#20

Pyrene

Concen: 6.236 ng/ul

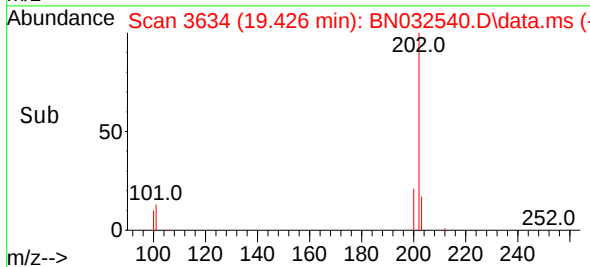
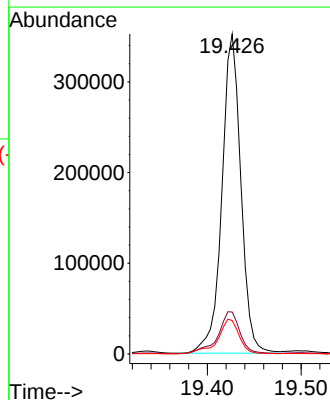
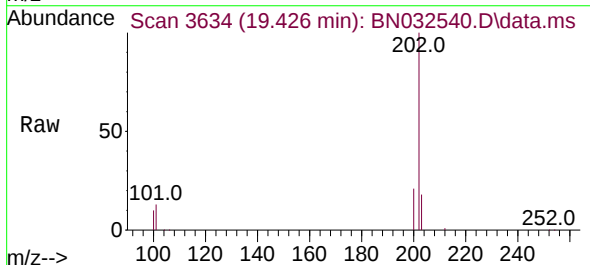
RT: 19.426 min Scan# 3634

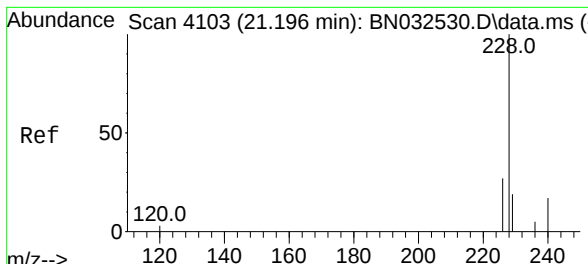
Delta R.T. -0.014 min

Lab File: BN032540.D

Acq: 06 Jul 2024 11:12

Tgt Ion:202	Resp:	494715
Ion Ratio	Lower	Upper
202	100	
101	13.1	11.0 16.4
100	10.5	8.7 13.1





#21
 Benzo(a)anthracene
 Concen: 3.840 ng/ul
 RT: 21.182 min Scan# 4103
 Delta R.T. -0.009 min
 Lab File: BN032540.D
 Acq: 06 Jul 2024 11:12

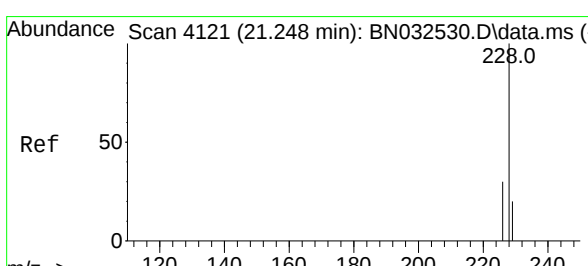
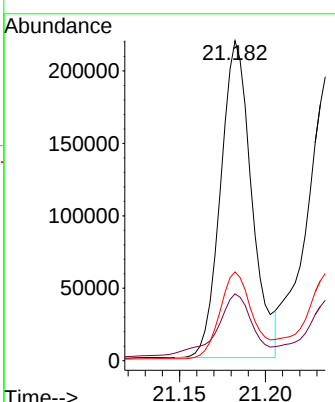
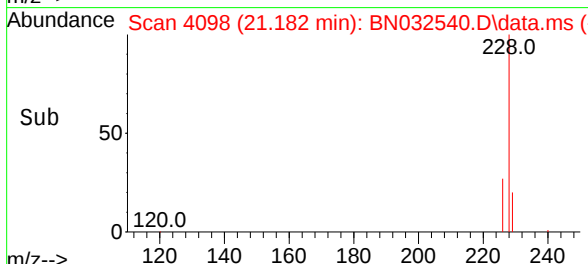
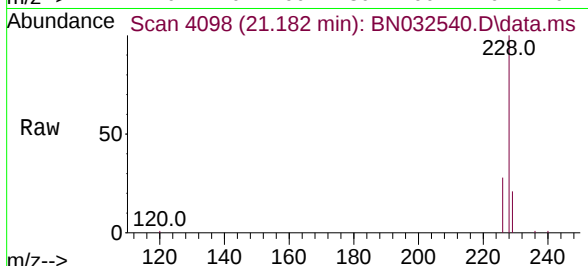
Instrument :
 BNA_N
 ClientSampleId :
 A4CR7DL

Tgt Ion:228 Resp: 276314

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	27.7	21.8	32.8

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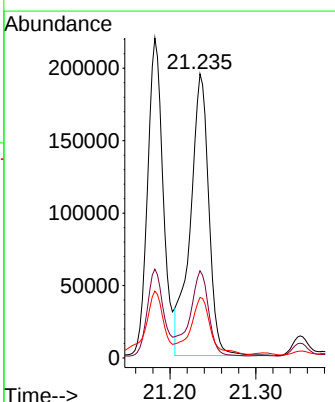
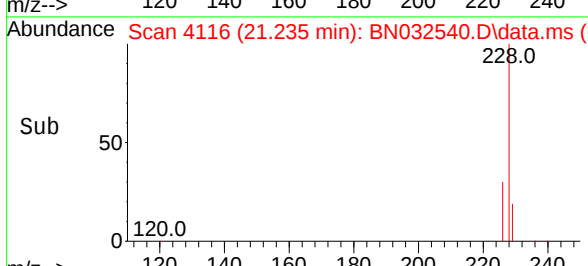
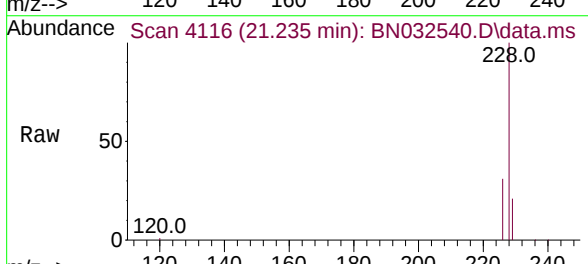
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

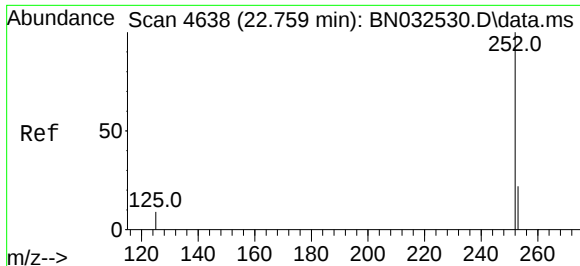


#22
 Chrysene
 Concen: 3.680 ng/ul
 RT: 21.235 min Scan# 4116
 Delta R.T. -0.009 min
 Lab File: BN032540.D
 Acq: 06 Jul 2024 11:12

Tgt Ion:228 Resp: 290627

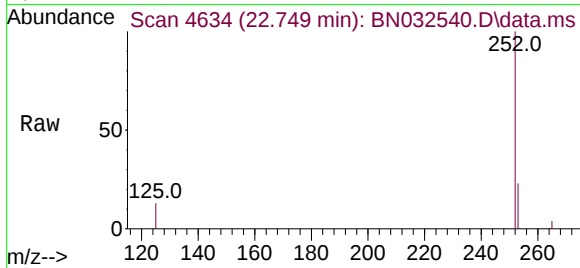
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.6	35.4
229	21.3	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 2.800 ng/ul m
RT: 22.749 min Scan# 4634
Delta R.T. -0.009 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

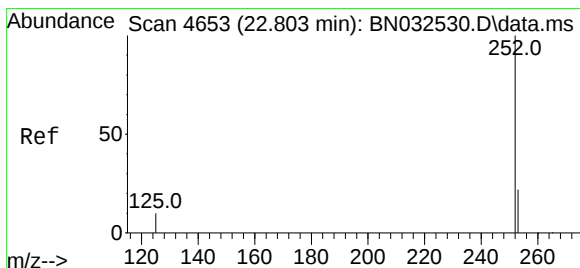
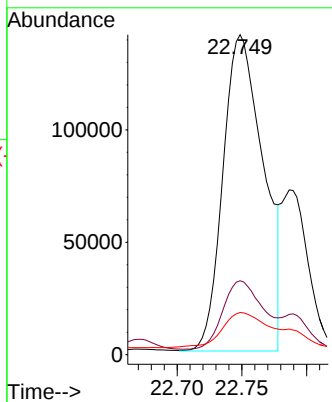
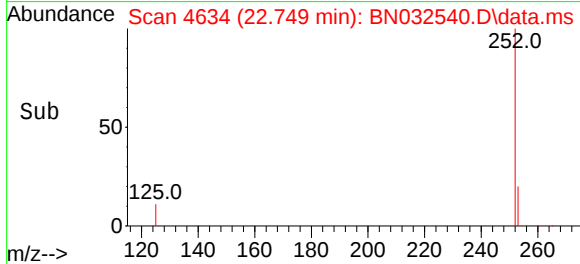
Instrument :
BNA_N
ClientSampleId :
A4CR7DL



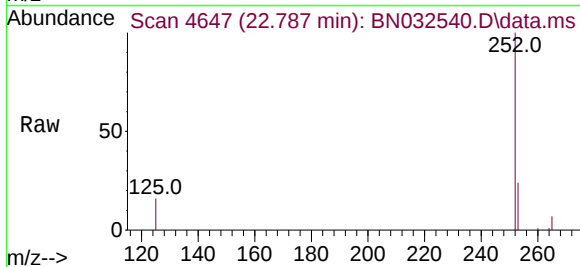
Tgt Ion:252 Resp: 305750
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 13.2 0.0 32.0

Manual Integrations
APPROVED

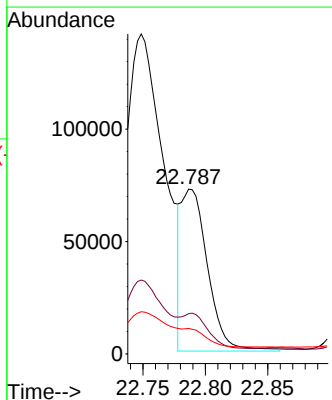
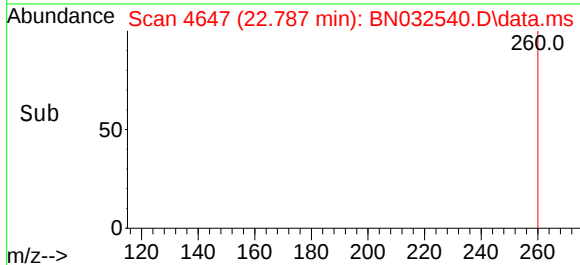
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

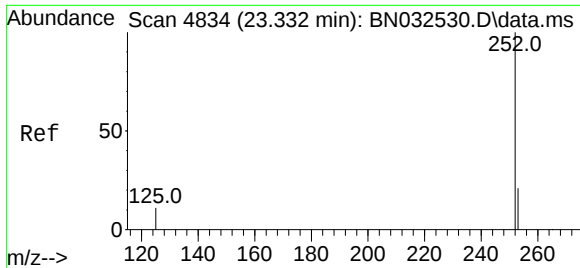


#25
Benzo(k)fluoranthene
Concen: 1.002 ng/ul m
RT: 22.787 min Scan# 4647
Delta R.T. -0.015 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12



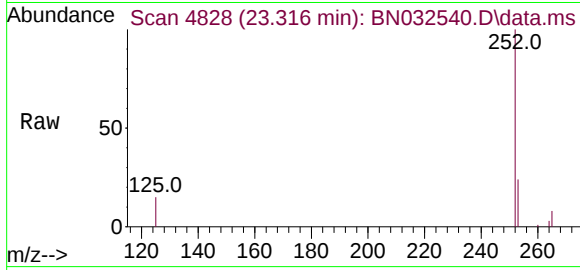
Tgt Ion:252 Resp: 106291
Ion Ratio Lower Upper
252 100
253 24.5 20.3 30.5
125 15.5 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.703 ng/ul
RT: 23.316 min Scan# 4828
Delta R.T. -0.012 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

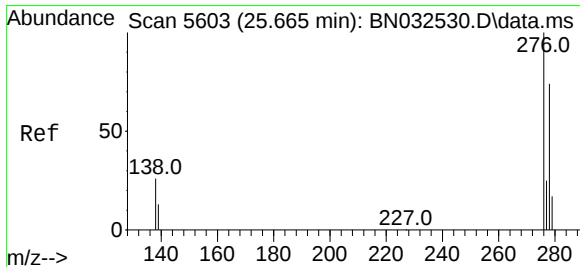
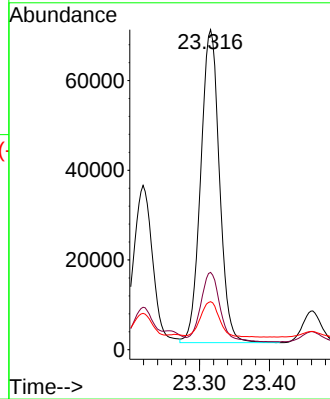
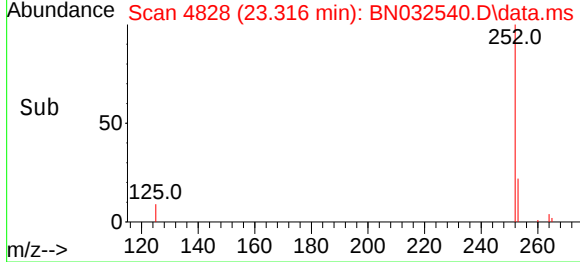
Instrument :
BNA_N
ClientSampleId :
A4CR7DL



Tgt Ion:252 Resp: 129389
Ion Ratio Lower Upper
252 100
253 24.1 22.2 33.2
125 15.0 16.4 24.6

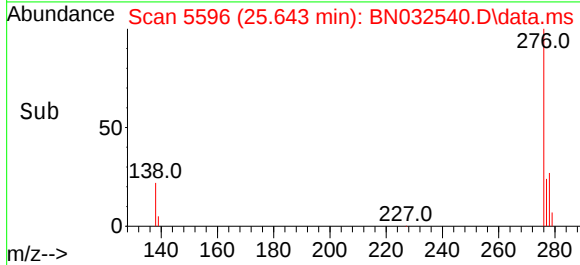
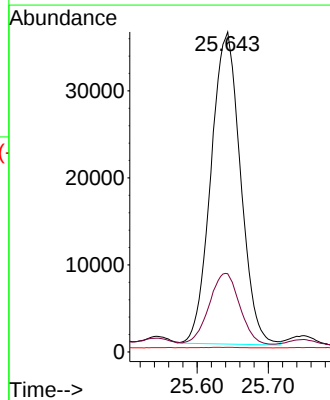
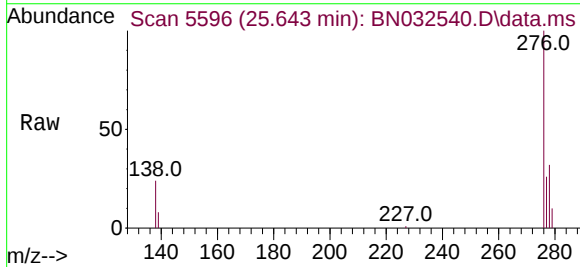
Manual Integrations
APPROVED

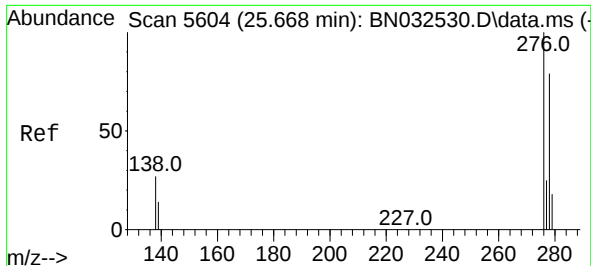
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.868 ng/ul
RT: 25.643 min Scan# 5596
Delta R.T. -0.017 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Tgt Ion:276 Resp: 103249
Ion Ratio Lower Upper
276 100
138 23.5 21.3 31.9
227 0.1 0.1 0.1





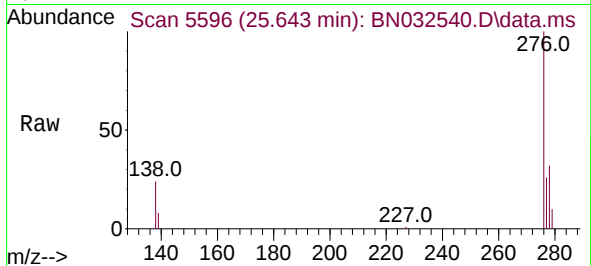
#28
Dibenzo(a,h)anthracene
Concen: 0.444 ng/ul
RT: 25.643 min Scan# 5596
Delta R.T. -0.023 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Instrument :

BNA_N

ClientSampleId :

A4CR7DL



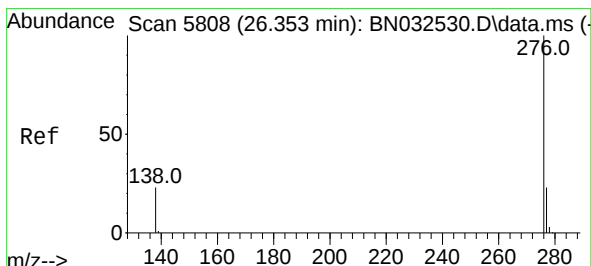
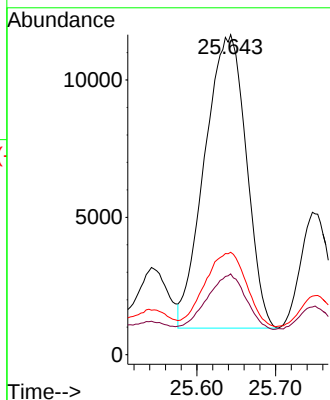
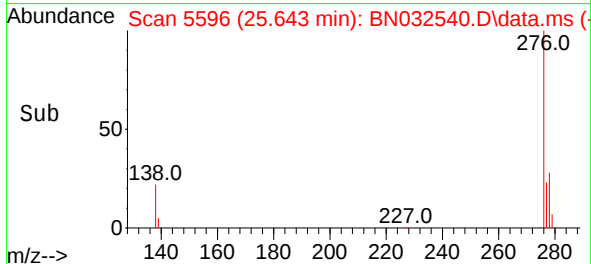
Tgt Ion:278 Resp: 39218
Ion Ratio Lower Upper
278 100
139 25.3 15.9 23.9#
279 32.0 21.1 31.7#

Manual Integrations

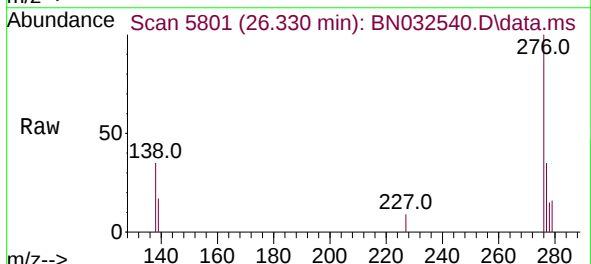
APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.330 min Scan# 5801
Delta R.T. -0.013 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12



Tgt Ion:276 Resp: 14088
Ion Ratio Lower Upper
276 100
138 34.8 19.8 29.6#
277 34.7 19.8 29.6#

