

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032649.D
 Acq On : 11 Jul 2024 23:10
 Operator : MA/JU
 Sample : P3035-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7251	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	21490	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10972	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	19651m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	16142m	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	17833m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	22587	2.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	6106	0.188	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	10806	0.205	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	4728	0.082	ng/ul#	95
7) 2-Methylnaphthalene	12.004	142	1545	0.043	ng/ul	98
8) 1-Methylnaphthalene	12.224	142	1456	0.039	ng/ul	98
10) Acenaphthylene	13.925	152	14778	0.333	ng/ul	99
11) Acenaphthene	14.267	153	5117	0.140	ng/ul	99
12) Fluorene	15.262	166	7835	0.187	ng/ul	99
14) Pentachlorophenol	16.636	266	234m	0.068	ng/ul	
15) Phenanthrene	17.003	178	143652m	2.684	ng/ul	
16) Anthracene	17.096	178	24988m	0.572	ng/ul	
19) Fluoranthene	19.031	202	354518	5.402	ng/ul	99
20) Pyrene	19.398	202	255334	3.759	ng/ul	97
21) Benzo(a)anthracene	21.156	228	150122m	2.922	ng/ul	
22) Chrysene	21.206	228	179326	2.413	ng/ul	97
24) Benzo(b)fluoranthene	22.710	252	261311m	4.153	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	92914m	1.212	ng/ul	
26) Benzo(a)pyrene	23.269	252	100759	1.850	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.576	276	103696	1.406	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.576	278	32565	0.570	ng/ul#	86
29) Benzo(g,h,i)perylene	26.260	276	18056	0.293	ng/ul#	81

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

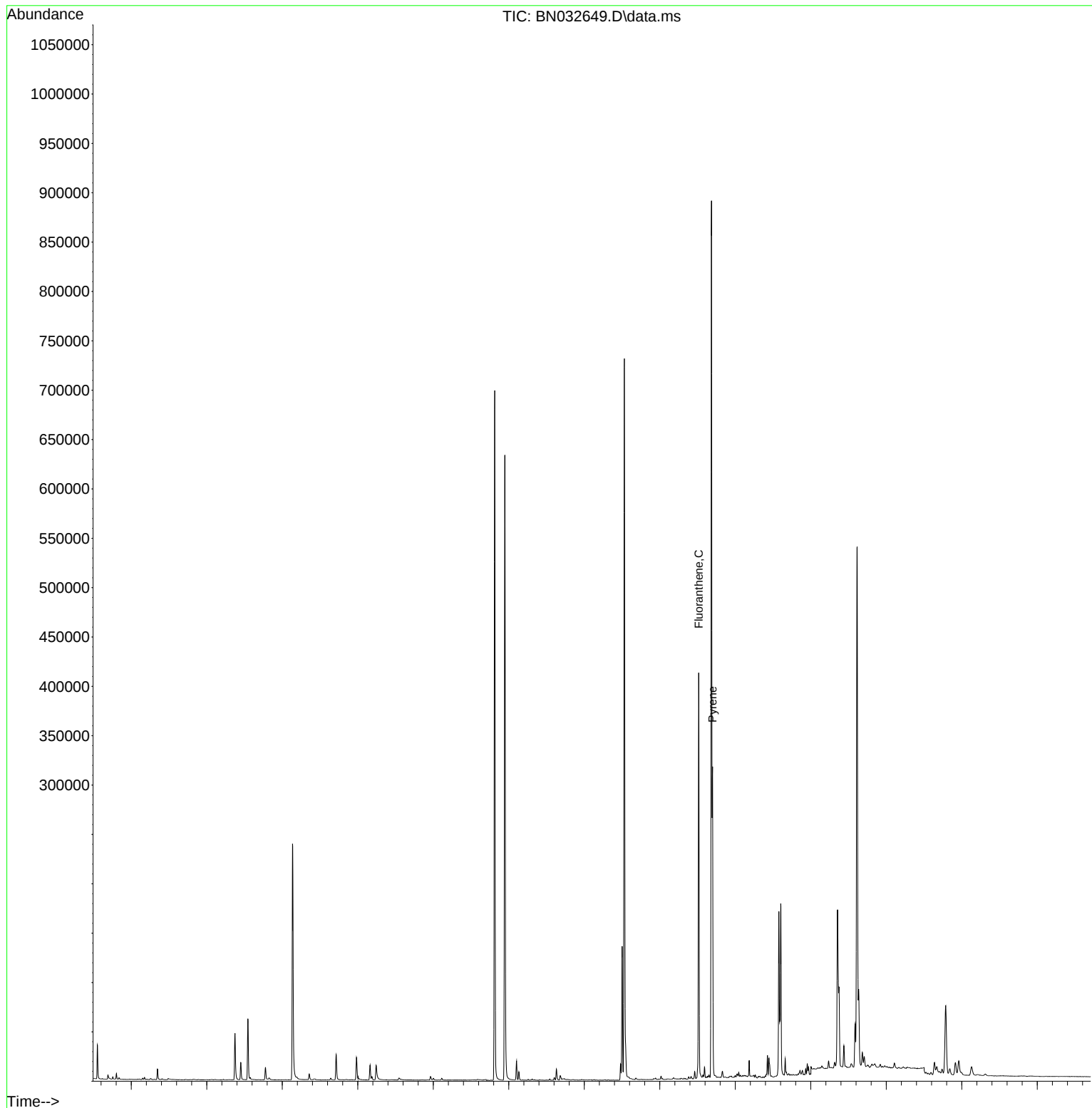
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032649.D
Acq On : 11 Jul 2024 23:10
Operator : MA/JU
Sample : P3035-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

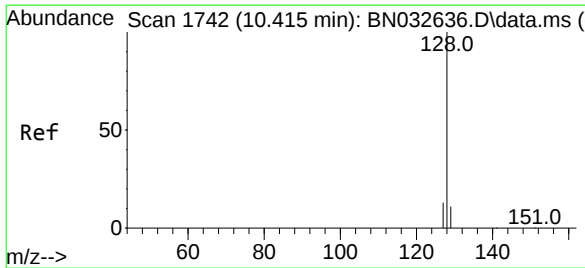
Instrument :
BNA_N
ClientSampleId :
A4CX1

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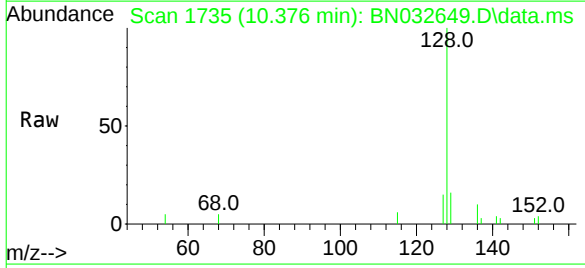
Quant Time: Jul 12 01:57:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





Naphthalene
 Concen: 0.082 ng/ul
 RT: 10.376 min Scan# 1742
 Delta R.T. -0.033 min
 Lab File: BN032649.D
 Acq: 11 Jul 2024 23:10

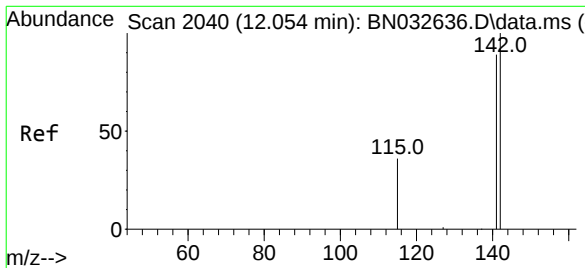
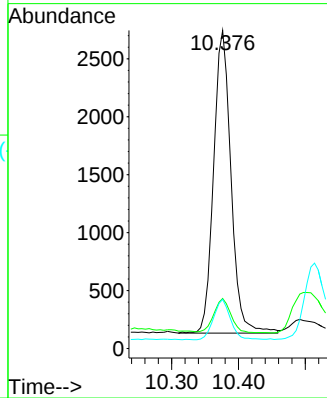
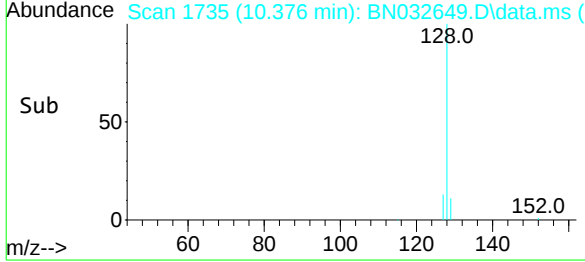
Instrument : BNA_N
 ClientSampleId : A4CX1



Tgt Ion: 128 Resp: 4728
 Ion Ratio Lower Upper
 128 100
 129 15.7 10.0 15.0
 127 15.4 11.6 17.4

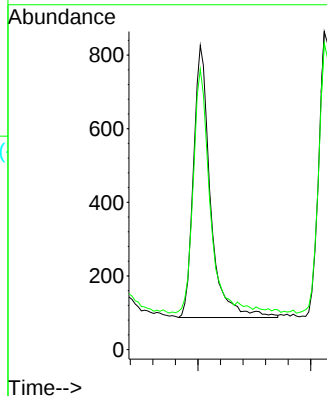
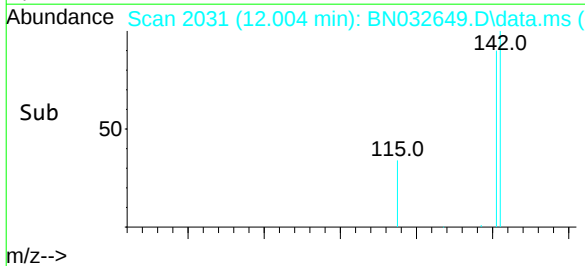
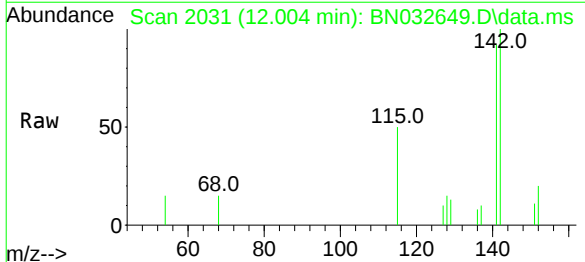
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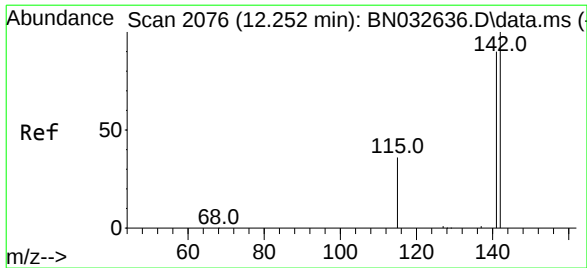
Reviewed By : Jagrut Upadhyay 07/12/2024
 Supervised By : mohammad ahmed 07/16/2024



2-Methylnaphthalene
 Concen: 0.043 ng/ul
 RT: 12.004 min Scan# 2031
 Delta R.T. -0.044 min
 Lab File: BN032649.D
 Acq: 11 Jul 2024 23:10

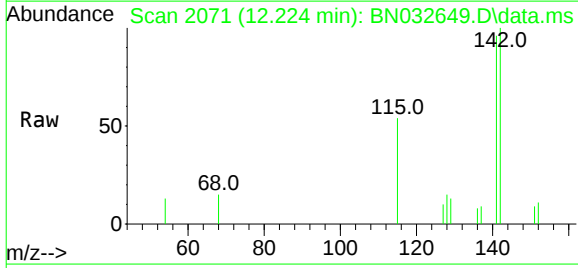
Tgt Ion: 142 Resp: 1545
 Ion Ratio Lower Upper
 142 100
 141 90.2 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.039 ng/u1
RT: 12.224 min Scan# 2076
Delta R.T. -0.022 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

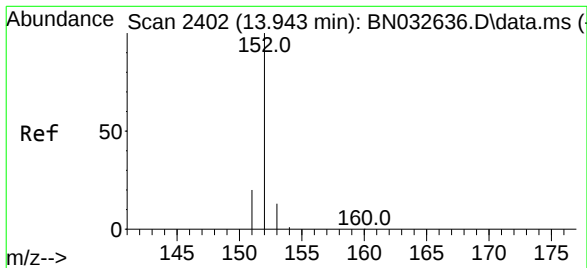
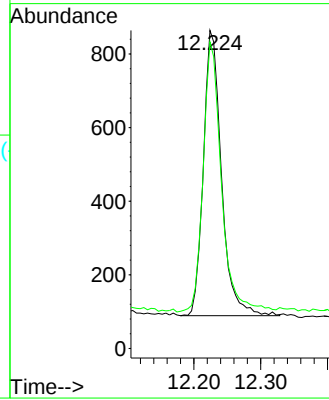
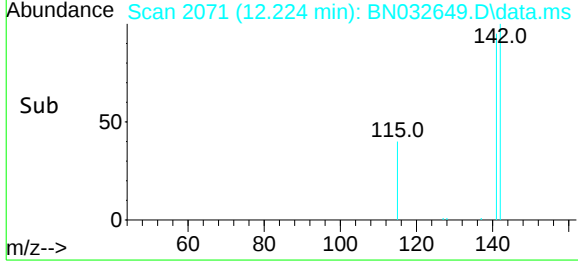
Instrument :
BNA_N
ClientSampleId :
A4CX1



Tgt Ion:142 Resp: 1456
Ion Ratio Lower Upper
142 100
141 95.7 75.0 112.4

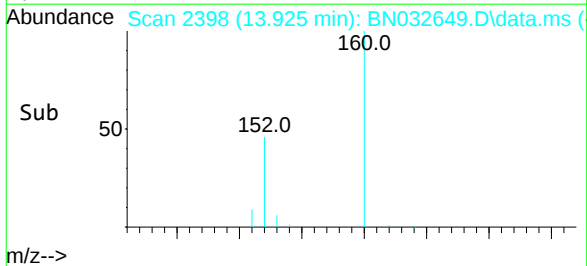
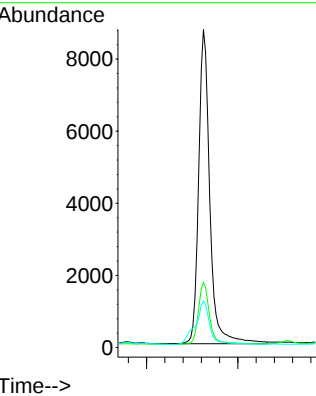
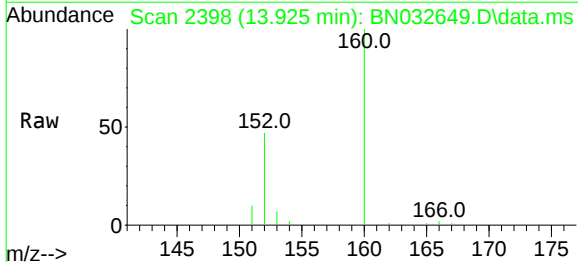
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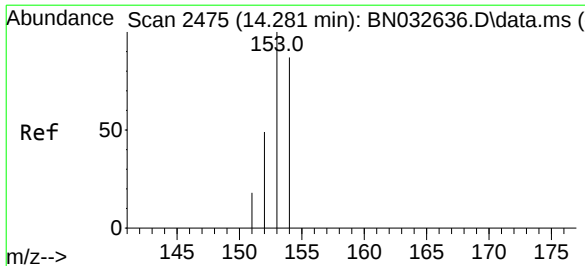
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.333 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

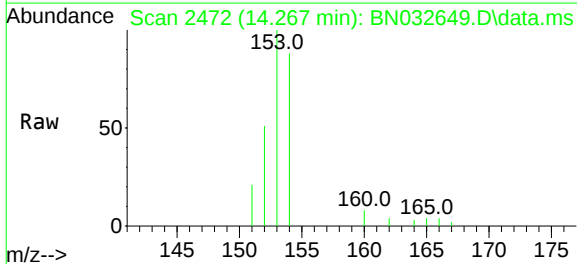
Tgt Ion:152 Resp: 14778
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.6 11.3 16.9





#11
Acenaphthene
Concen: 0.140 ng/u1
RT: 14.267 min Scan# 2475
Delta R.T. -0.014 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

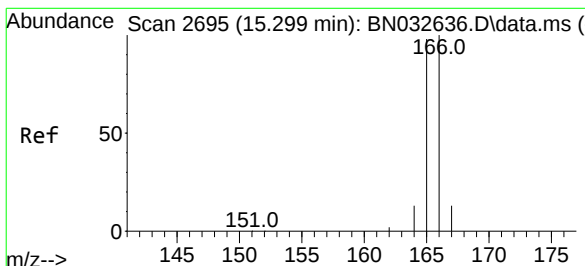
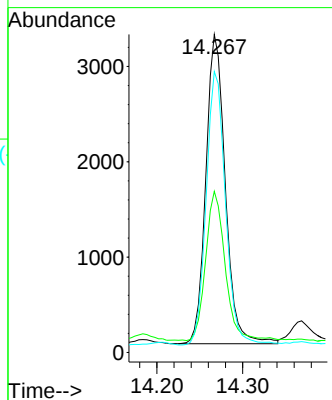
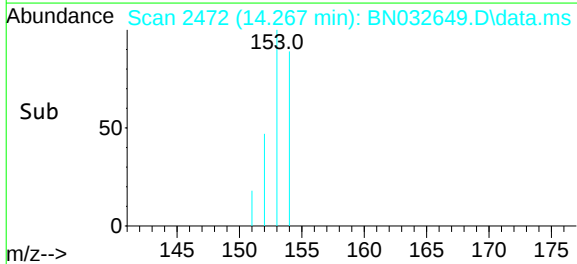
Instrument :
BNA_N
ClientSampleId :
A4CX1



Tgt Ion:153 Resp: 5117
Ion Ratio Lower Upper
153 100
152 50.7 40.0 60.0
154 88.3 70.2 105.4

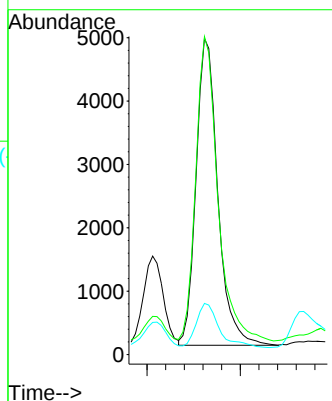
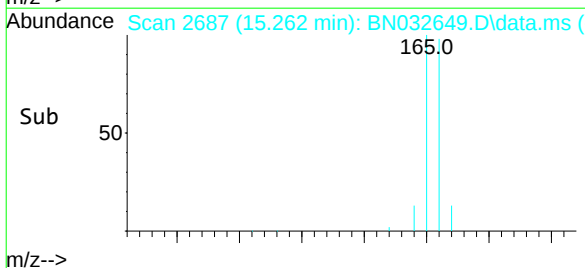
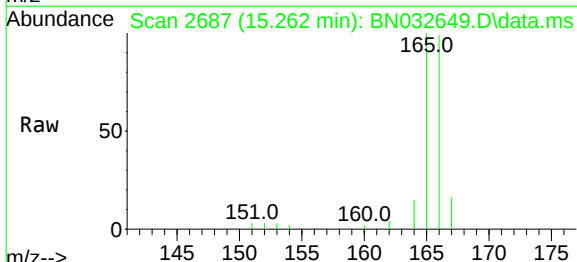
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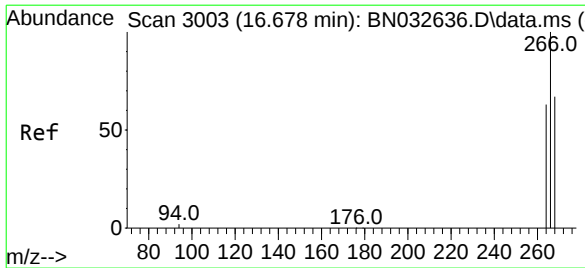
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.187 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

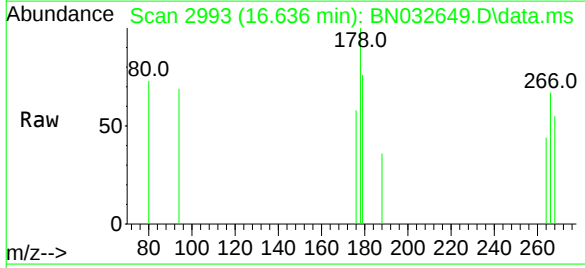
Tgt Ion:166 Resp: 7835
Ion Ratio Lower Upper
166 100
165 100.6 79.7 119.5
167 16.2 11.4 17.2





#14
 Pentachlorophenol
 Concen: 0.068 ng/ul m
 RT: 16.636 min Scan# 29
 Delta R.T. -0.034 min
 Lab File: BN032649.D
 Acq: 11 Jul 2024 23:10

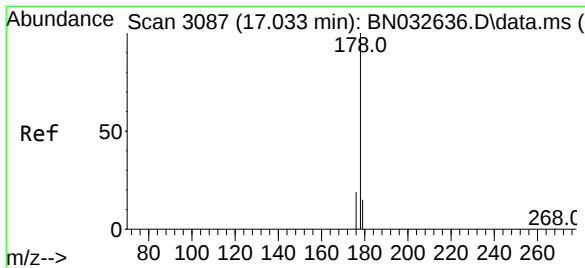
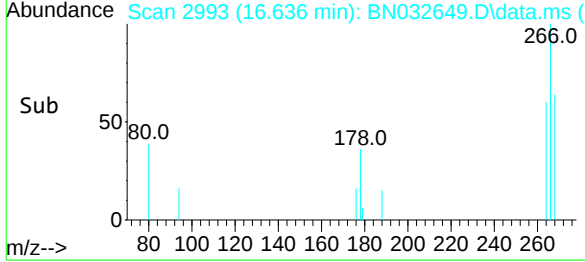
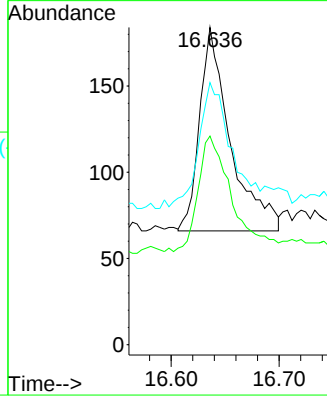
Instrument :
 BNA_N
 ClientSampleId :
 A4CX1



Tgt Ion:	266	Resp:	234
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.4	74.2
268	0.0	51.6	77.4

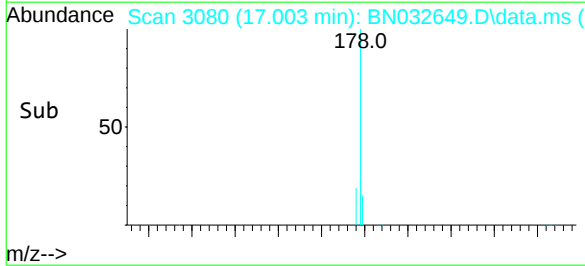
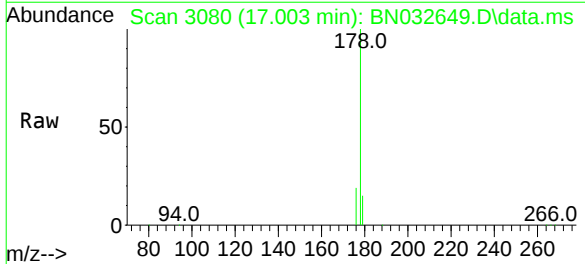
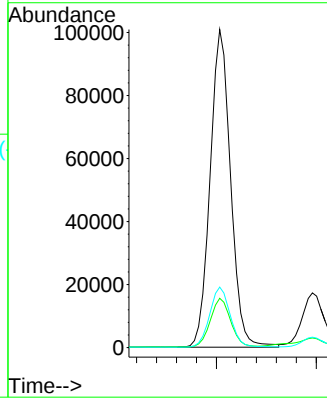
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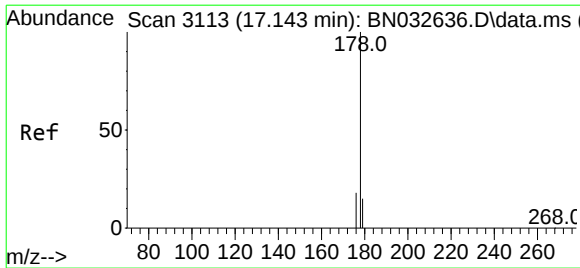
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#15
 Phenanthrene
 Concen: 2.684 ng/ul m
 RT: 17.003 min Scan# 3080
 Delta R.T. -0.025 min
 Lab File: BN032649.D
 Acq: 11 Jul 2024 23:10

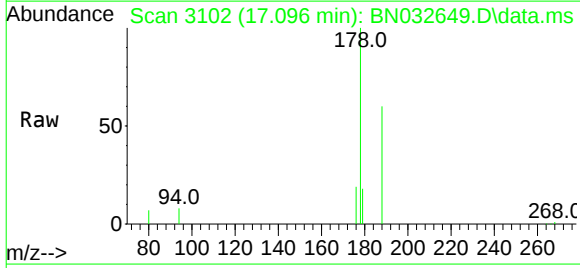
Tgt Ion:	178	Resp:	143652
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.0	19.4
176	19.0	15.6	23.4





#16
 Anthracene
 Concen: 0.572 ng/ul m
 RT: 17.096 min Scan# 31
 Delta R.T. -0.042 min
 Lab File: BN032649.D
 Acq: 11 Jul 2024 23:10

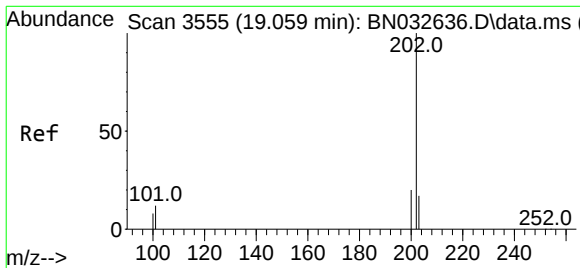
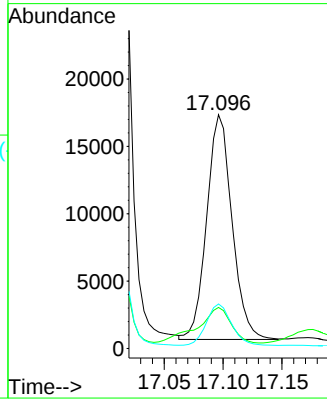
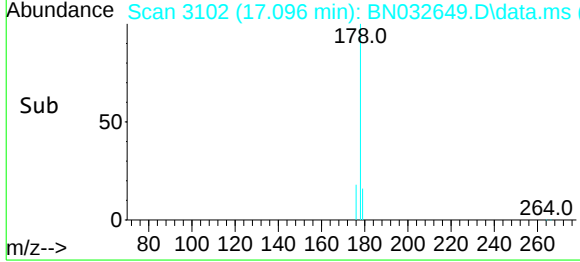
Instrument :
 BNA_N
 ClientSampleId :
 A4CX1



Tgt Ion:178 Resp: 24988
 Ion Ratio Lower Upper
 178 100
 179 17.6 13.4 20.2
 176 19.0 15.4 23.0

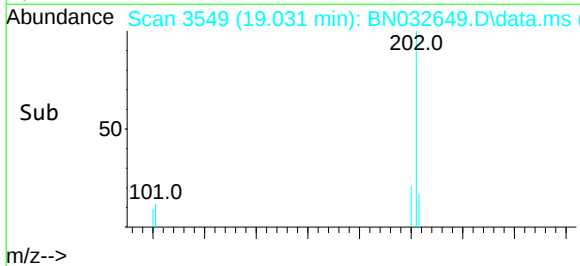
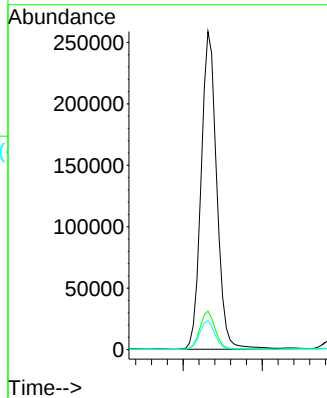
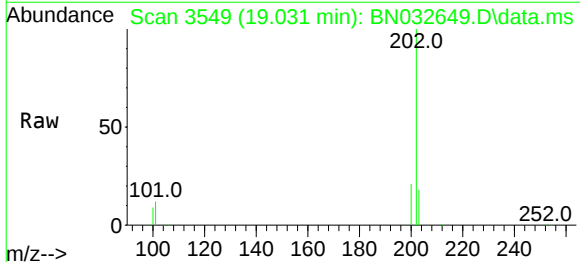
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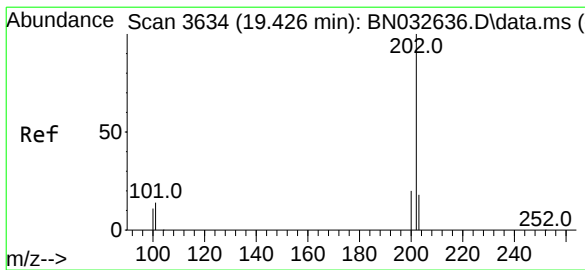
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 5.402 ng/ul
 RT: 19.031 min Scan# 3549
 Delta R.T. -0.023 min
 Lab File: BN032649.D
 Acq: 11 Jul 2024 23:10

Tgt Ion:202 Resp: 354518
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.8 14.8
 100 9.1 7.9 11.9





#20

Pyrene

Concen: 3.759 ng/u1

RT: 19.398 min Scan# 36

Delta R.T. -0.023 min

Lab File: BN032649.D

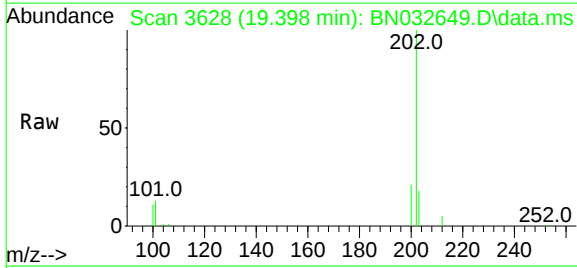
Acq: 11 Jul 2024 23:10

Instrument :

BNA_N

ClientSampleId :

A4CX1



Tgt Ion:202 Resp: 255334

Ion Ratio Lower Upper

202 100

101 13.3 11.8 17.6

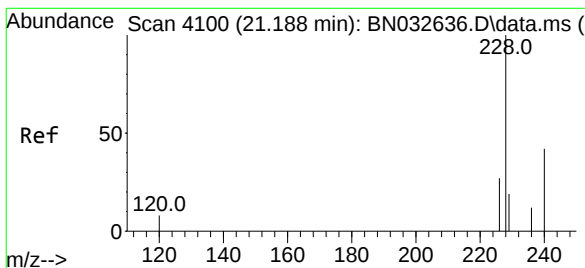
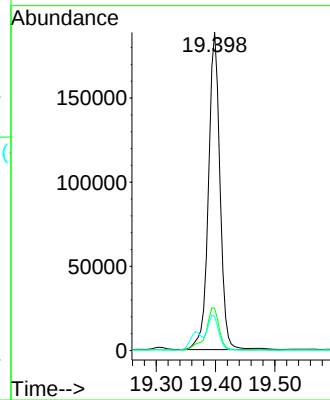
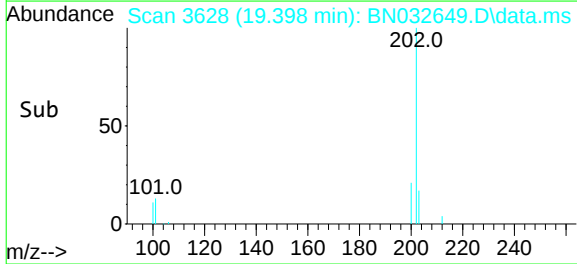
100 10.7 9.6 14.4

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#21

Benzo(a)anthracene

Concen: 2.922 ng/u1 m

RT: 21.156 min Scan# 4089

Delta R.T. -0.026 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

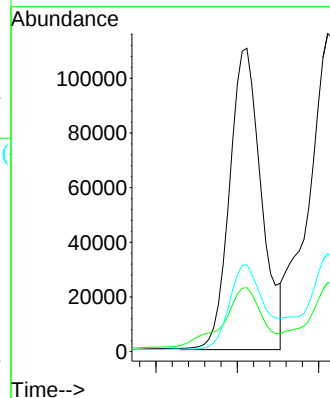
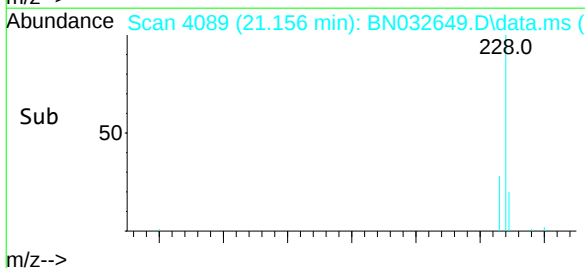
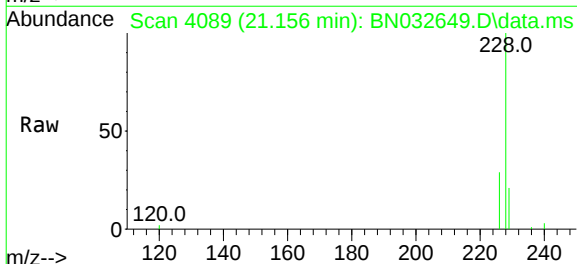
Tgt Ion:228 Resp: 150122

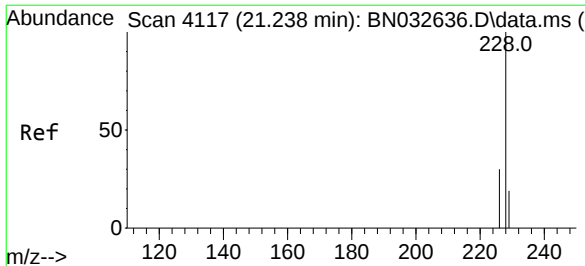
Ion Ratio Lower Upper

228 100

229 21.1 16.1 24.1

226 28.6 21.9 32.9





#22

Chrysene

Concen: 2.413 ng/u1

RT: 21.206 min Scan# 4117

Delta R.T. -0.026 min

Lab File: BN032649.D

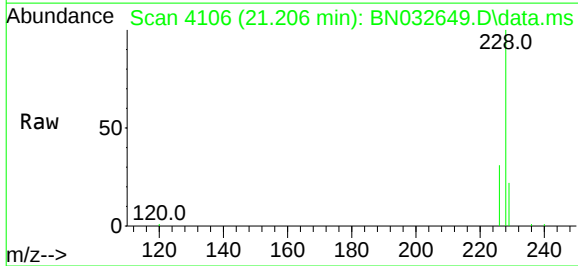
Acq: 11 Jul 2024 23:10

Instrument :

BNA_N

ClientSampleId :

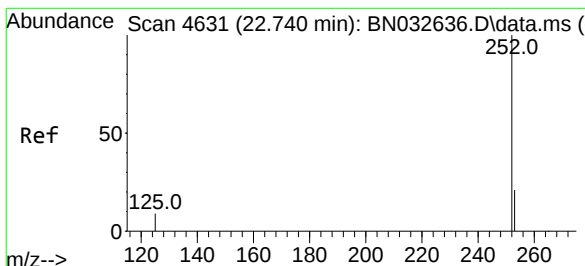
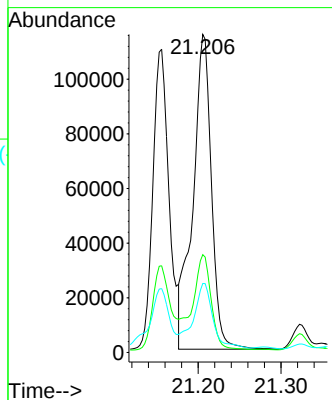
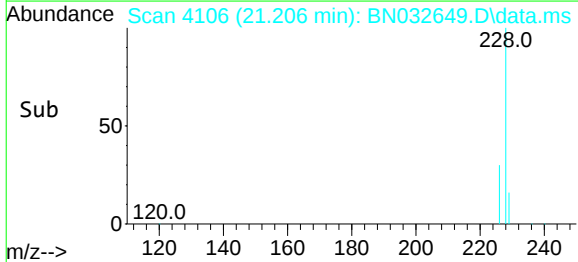
A4CX1



Tgt Ion:	228	Resp:	179326
Ion Ratio	100	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	21.7	15.8	23.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#24

Benzo(b)fluoranthene

Concen: 4.153 ng/u1 m

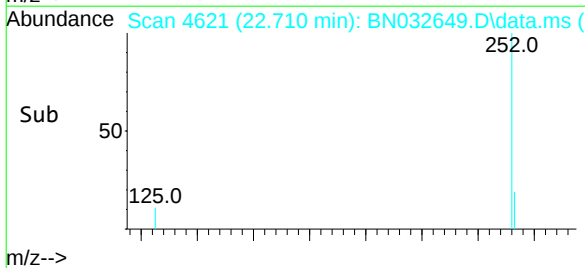
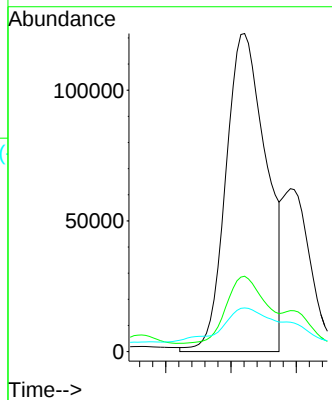
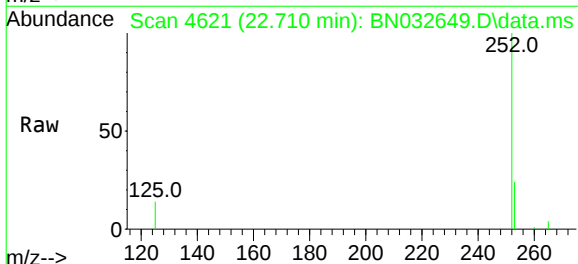
RT: 22.710 min Scan# 4621

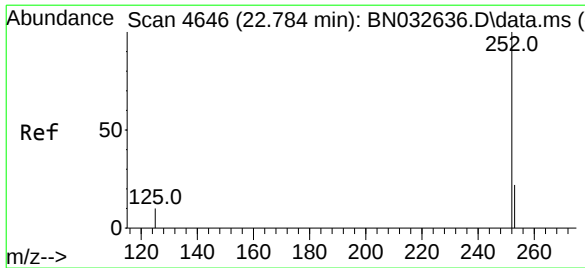
Delta R.T. -0.023 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

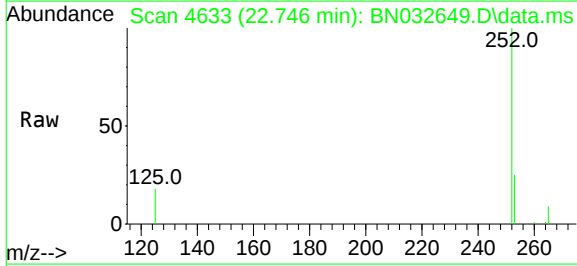
Tgt Ion:	252	Resp:	261311
Ion Ratio	100	Lower	Upper
252	100		
253	23.7	0.0	54.0
125	13.7	0.0	36.0





#25
Benzo(k)fluoranthene
Concen: 1.212 ng/u1 m
RT: 22.746 min Scan# 46
Delta R.T. -0.032 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

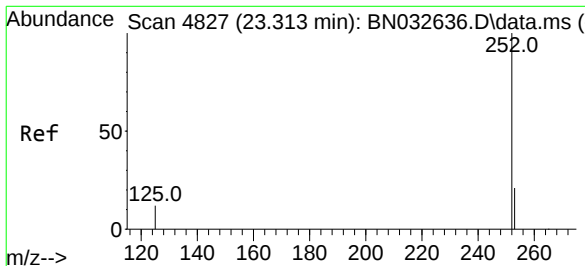
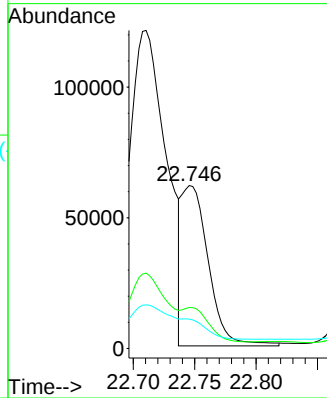
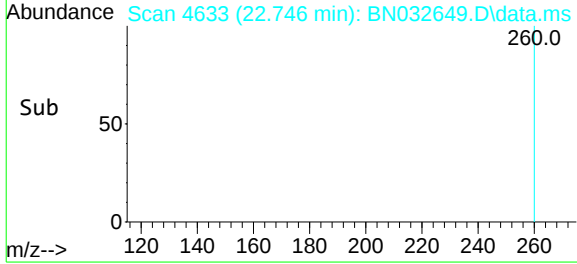
Instrument :
BNA_N
ClientSampleId :
A4CX1



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.2	31.8
125	18.0	14.8	22.2

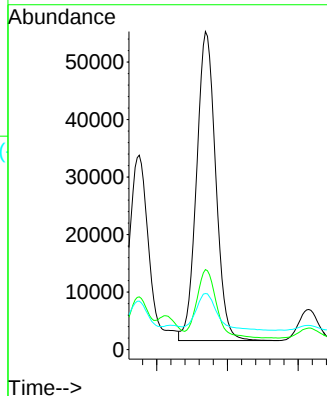
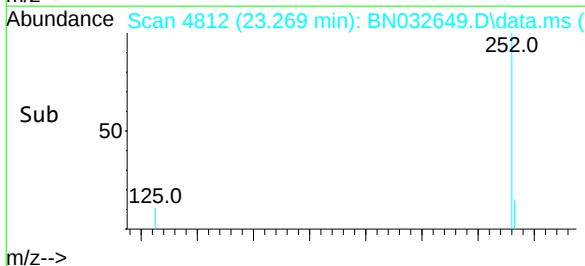
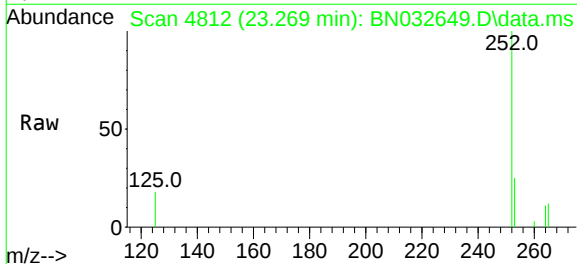
Manual Integrations
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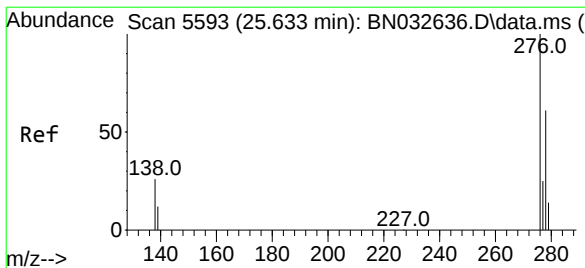
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 1.850 ng/u1
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	25.4	38.0#
125	17.6	20.6	30.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.406 ng/ul

RT: 25.576 min Scan# 55

Delta R.T. -0.050 min

Lab File: BN032649.D

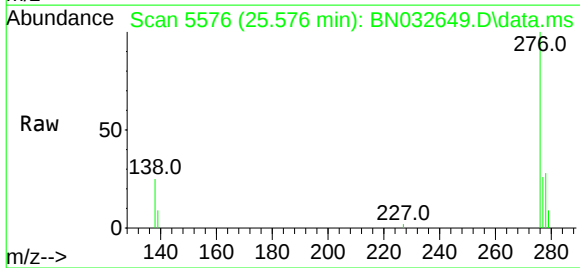
Acq: 11 Jul 2024 23:10

Instrument :

BNA_N

ClientSampleId :

A4CX1



Tgt Ion: 276 Resp: 103696

Ion Ratio Lower Upper

276 100

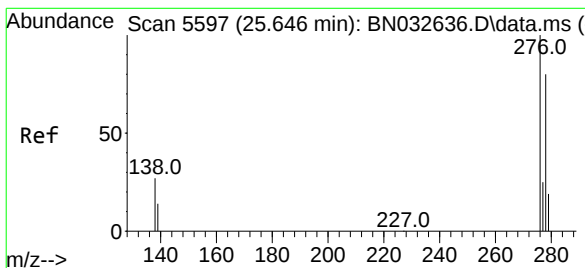
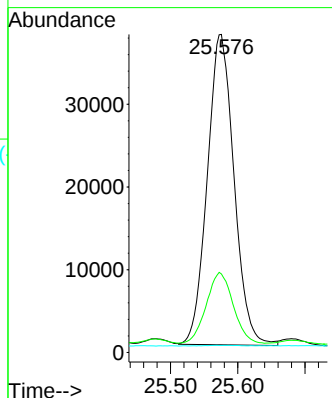
138 23.2 21.6 32.4

227 0.2 0.0 0.0#

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.570 ng/ul

RT: 25.576 min Scan# 5576

Delta R.T. -0.064 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

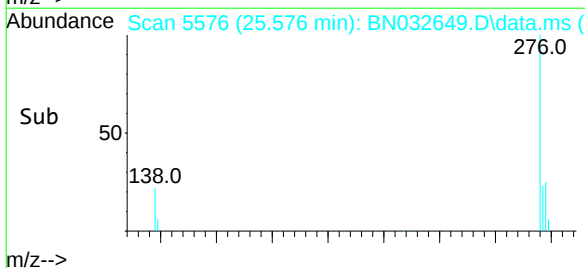
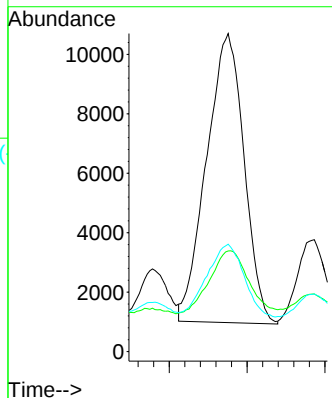
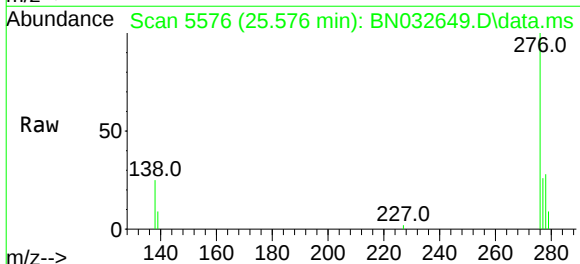
Tgt Ion: 278 Resp: 32565

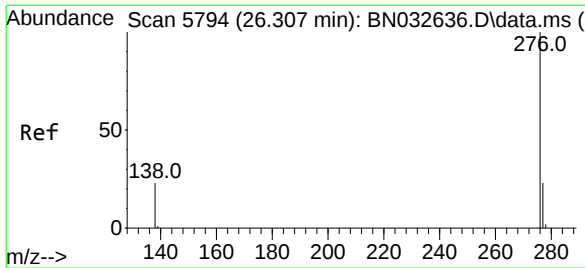
Ion Ratio Lower Upper

278 100

139 31.6 16.6 24.8#

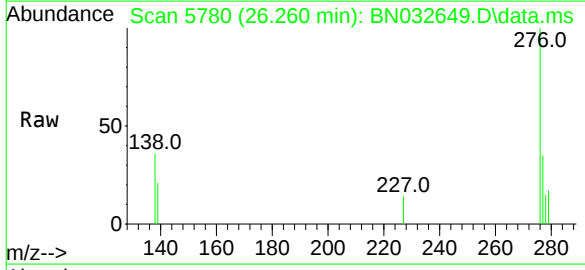
279 33.8 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.293 ng/ul
 RT: 26.260 min Scan# 57
 Delta R.T. -0.040 min
 Lab File: BN032649.D
 Acq: 11 Jul 2024 23:10

Instrument :
 BNA_N
 ClientSampleId :
 A4CX1



Tgt Ion:	276	Resp:	18056
Ion Ratio	Lower	Upper	
276	100		
138	35.9	21.0	31.4#
277	35.2	20.6	31.0#

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

