

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032961.D
 Acq On : 24 Jul 2024 23:13
 Operator : MA/JU
 Sample : P3215-14DL 5X
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D31DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:49:57 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	4374	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	14516	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.165	164	8213	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	13654	0.400	ng/ul	-0.03
17) Chrysene-d12	21.147	240	10679	0.400	ng/ul	#-0.02
23) Perylene-d12	23.342	264	13594	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.080	96	3192	0.608	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.889	152	1051	0.048	ng/ul	-0.04
18) Fluoranthene-d10	18.971	212	1566	0.045	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	14666	0.376	ng/ul	99
7) 2-Methylnaphthalene	11.966	142	12550	0.516	ng/ul	97
8) 1-Methylnaphthalene	12.186	142	11101	0.441	ng/ul	100
10) Acenaphthylene	13.888	152	18770	0.566	ng/ul	98
11) Acenaphthene	14.230	153	3613	0.132	ng/ul	97
12) Fluorene	15.229	166	4210	0.134	ng/ul#	95
15) Phenanthrene	16.974	178	108958	2.930	ng/ul	99
16) Anthracene	17.067	178	21475	0.707	ng/ul	98
19) Fluoranthene	19.004	202	227886	5.249	ng/ul	99
20) Pyrene	19.371	202	123528	2.749	ng/ul	99
21) Benzo(a)anthracene	21.133	228	97040	2.855	ng/ul	98
22) Chrysene	21.185	228	124615	2.534	ng/ul	97
24) Benzo(b)fluoranthene	22.684	252	171487m	3.575	ng/ul	
25) Benzo(k)fluoranthene	22.719	252	55414m	0.948	ng/ul	
26) Benzo(a)pyrene	23.243	252	38555	0.929	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.542	276	45960	0.818	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.536	278	22297	0.512	ng/ul#	71
29) Benzo(g,h,i)perylene	26.226	276	6422	0.137	ng/ul#	49

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

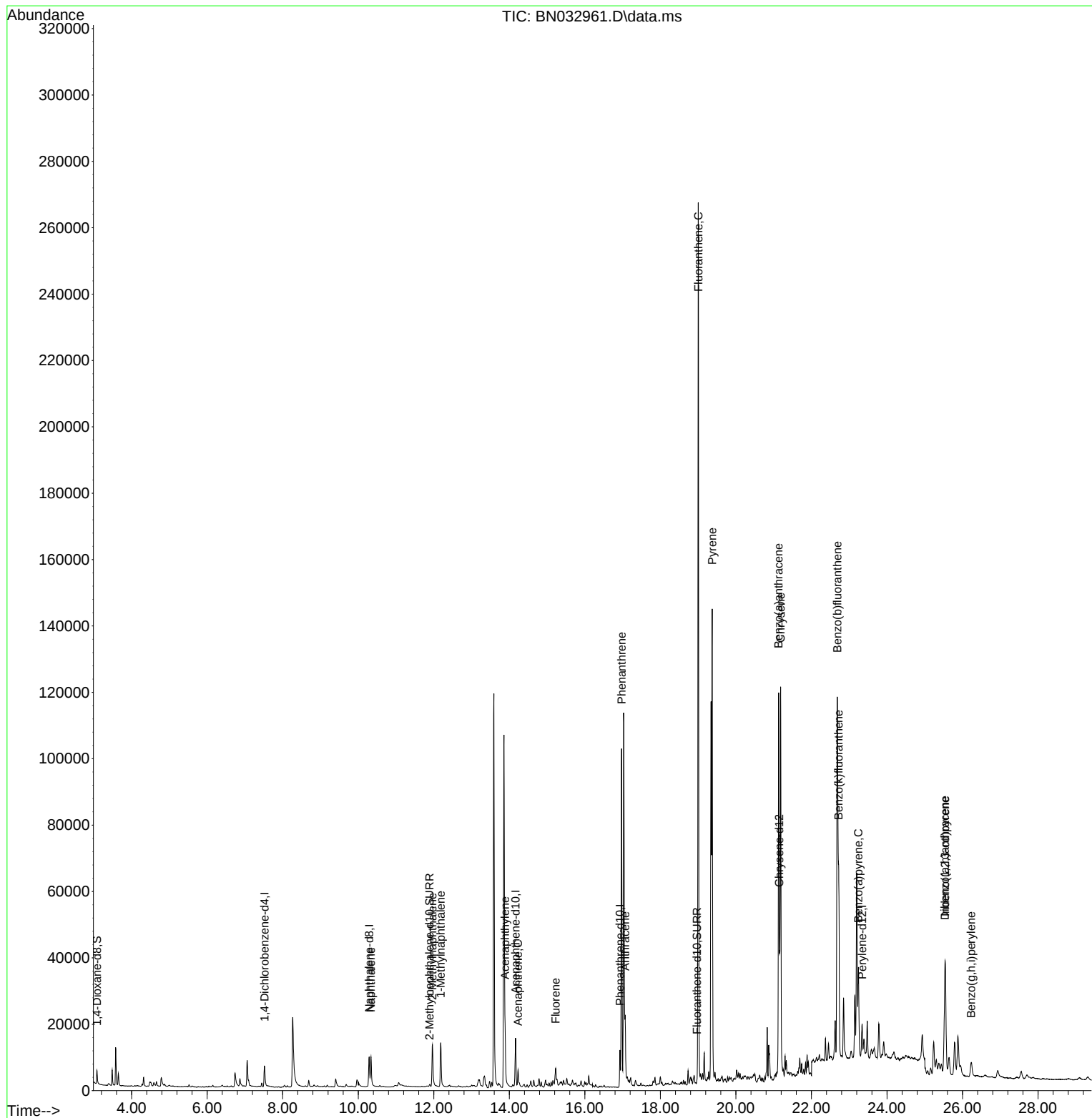
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032961.D
Acq On : 24 Jul 2024 23:13
Operator : MA/JU
Sample : P3215-14DL 5X
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ALS Vial : 73 Sample Multiplier: 1

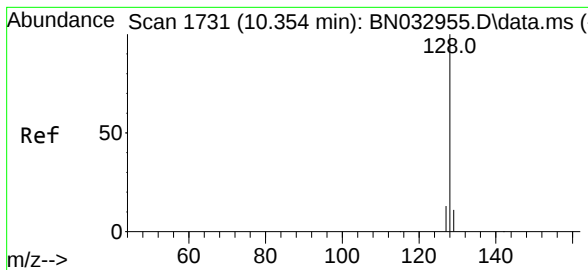
Instrument :
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Supervised By :mohammad ahmed 07/26/2024

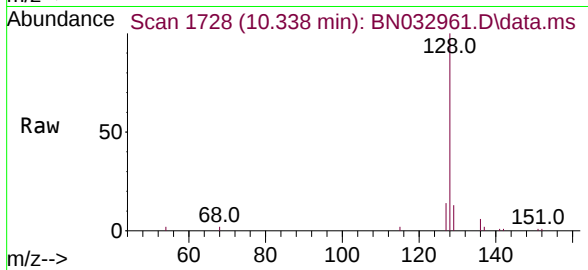
Quant Time: Jul 25 00:49:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.338 min Scan# 11
Delta R.T. -0.026 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

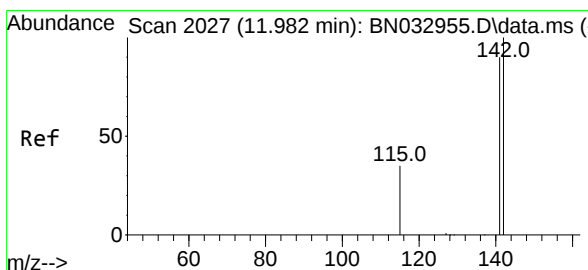
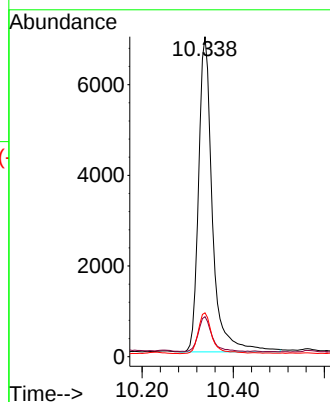
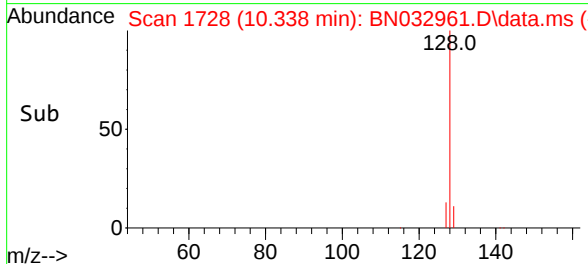
Instrument :
BNA_N
ClientSampleId :
A4D31DL



Tgt Ion:128 Resp: 14660
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 13.7 11.6 17.4

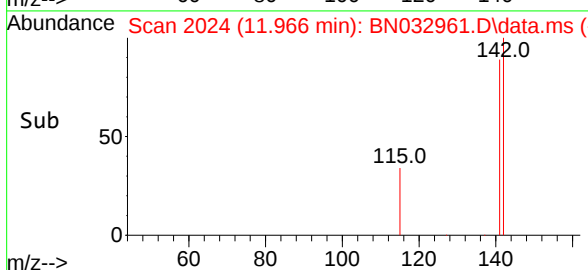
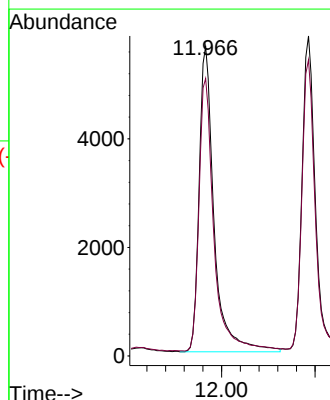
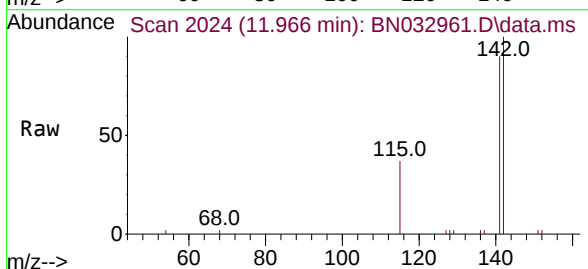
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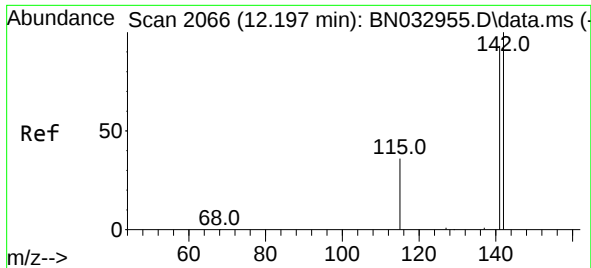
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.516 ng/ul
RT: 11.966 min Scan# 2024
Delta R.T. -0.031 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

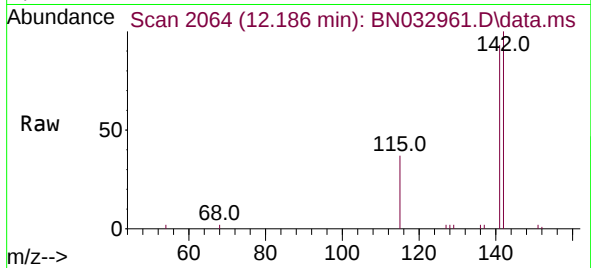
Tgt Ion:142 Resp: 12550
Ion Ratio Lower Upper
142 100
141 89.2 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.186 min Scan# 2064
Delta R.T. -0.026 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

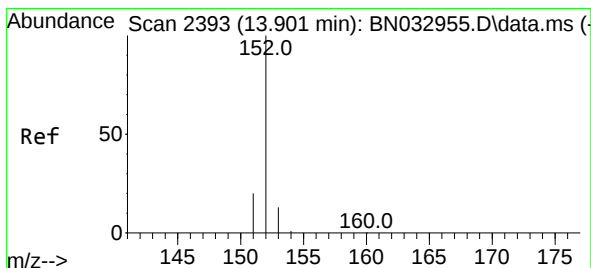
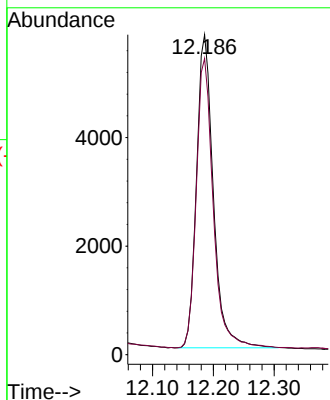
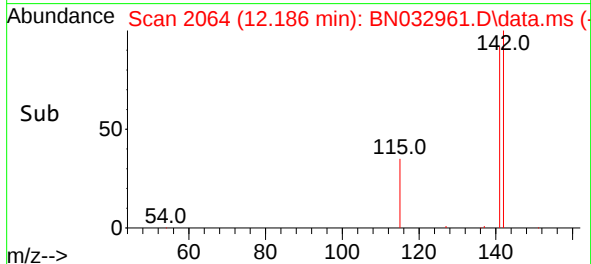
Instrument :
BNA_N
ClientSampleId :
A4D31DL



Tgt Ion:142 Resp: 1110
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4

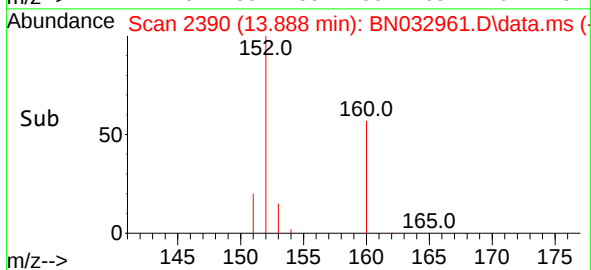
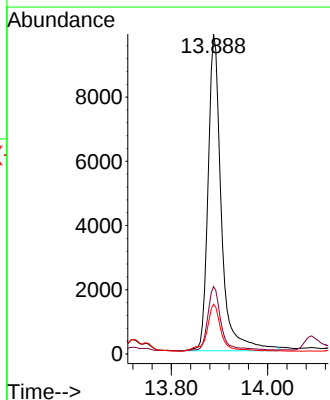
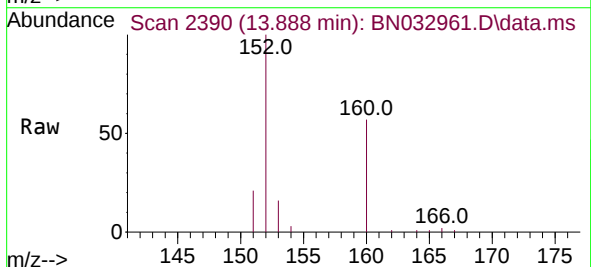
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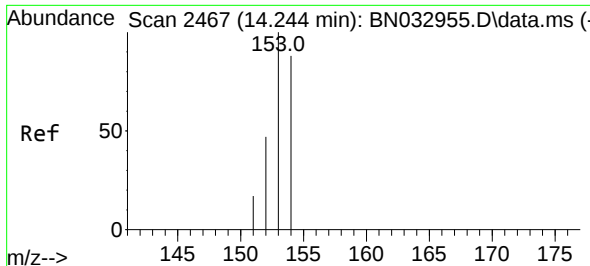
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.566 ng/ul
RT: 13.888 min Scan# 2390
Delta R.T. -0.026 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

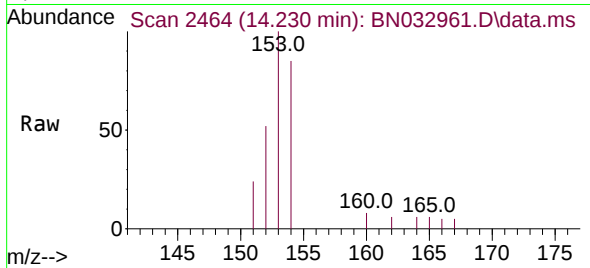
Tgt Ion:152 Resp: 18770
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 15.5 11.3 16.9





#11
Acenaphthene
Concen: 0.132 ng/ul
RT: 14.230 min Scan# 2464
Delta R.T. -0.022 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

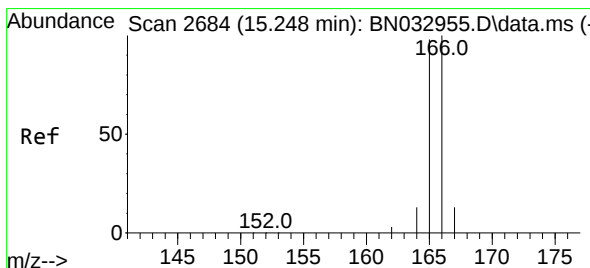
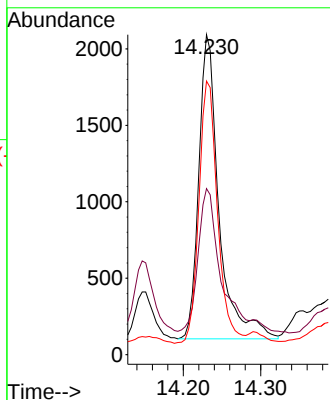
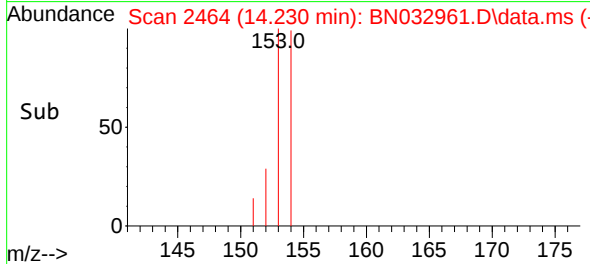
Instrument :
BNA_N
ClientSampleId :
A4D31DL



Tgt Ion:153 Resp: 361
Ion Ratio Lower Upper
153 100
152 51.9 40.0 60.0
154 85.5 70.2 105.4

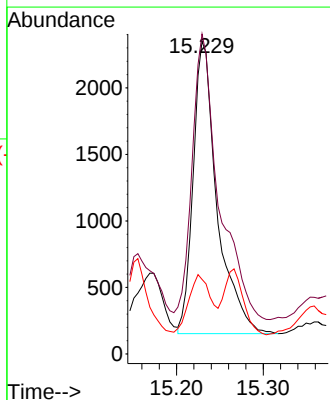
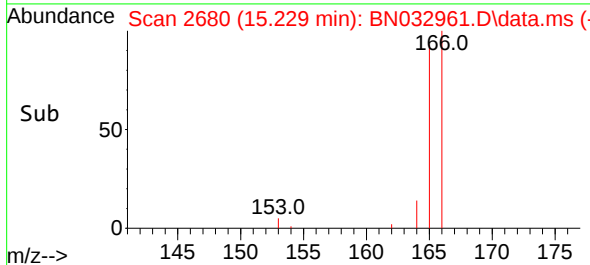
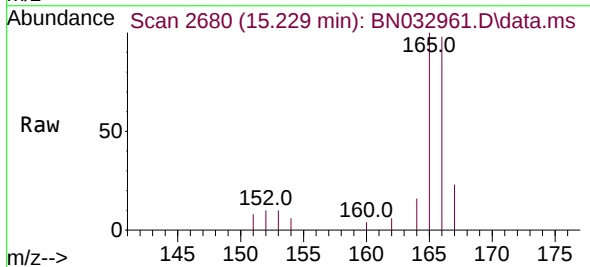
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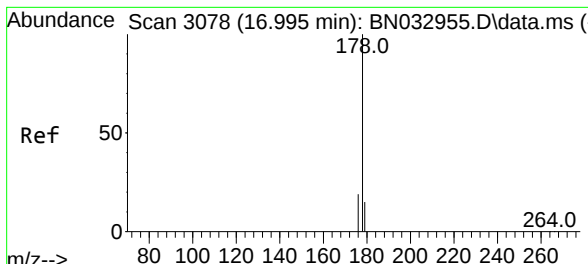
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.134 ng/ul
RT: 15.229 min Scan# 2680
Delta R.T. -0.031 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

Tgt Ion:166 Resp: 4210
Ion Ratio Lower Upper
166 100
165 102.3 79.7 119.5
167 23.8 11.4 17.2#





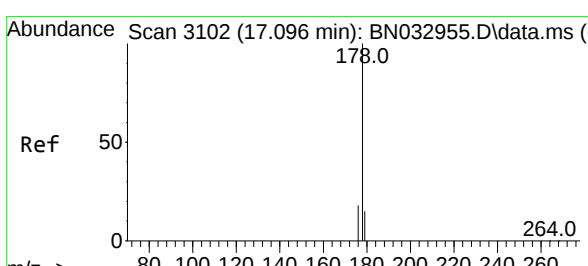
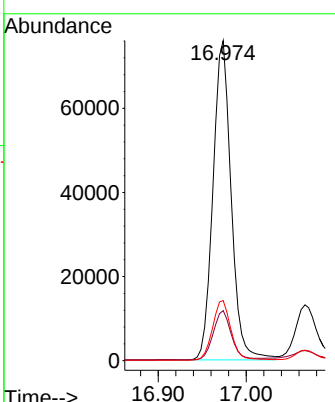
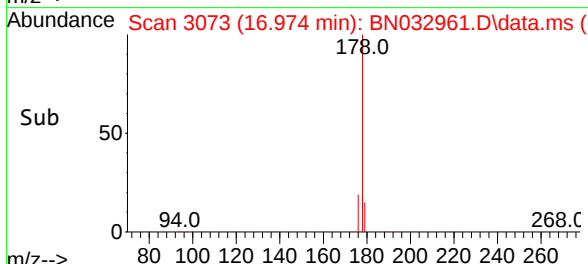
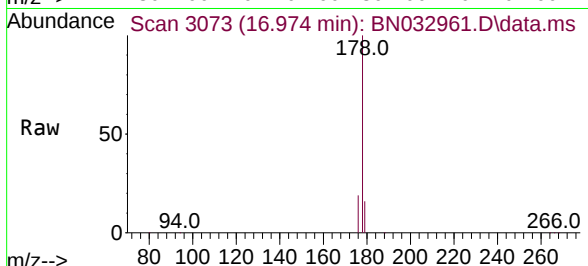
#15
 Phenanthrene
 Concen: 2.930 ng/ul
 RT: 16.974 min Scan# 3073
 Delta R.T. -0.028 min
 Lab File: BN032961.D
 Acq: 24 Jul 2024 23:13

Instrument : BNA_N
 ClientSampleId : A4D31DL

Tgt Ion:178 Resp: 108958

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.4
176	18.8	15.6	23.4

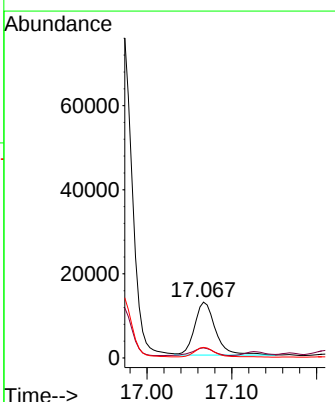
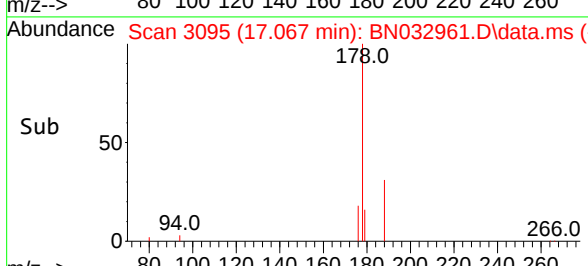
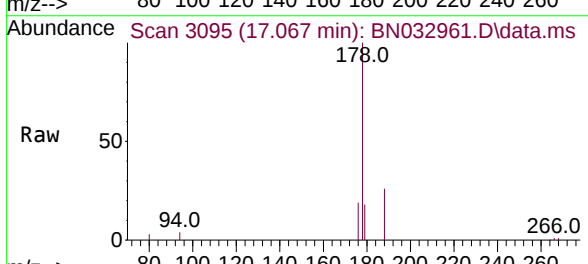
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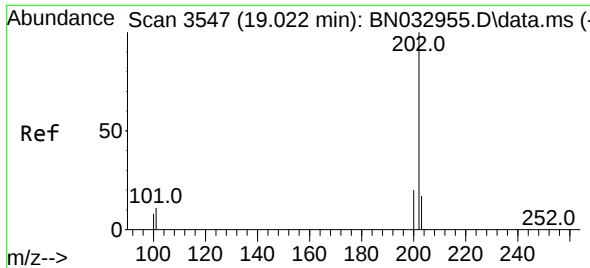


#16
 Anthracene
 Concen: 0.707 ng/ul
 RT: 17.067 min Scan# 3095
 Delta R.T. -0.032 min
 Lab File: BN032961.D
 Acq: 24 Jul 2024 23:13

Tgt Ion:178 Resp: 21475

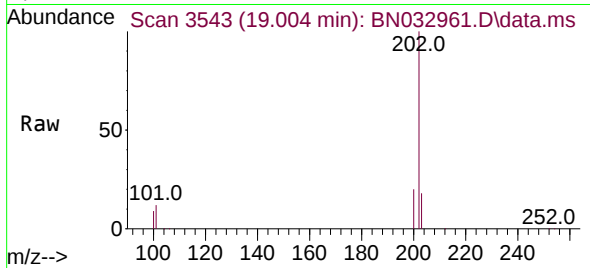
Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.4	20.2
176	19.0	15.4	23.0





#19
Fluoranthene
Concen: 5.249 ng/u1
RT: 19.004 min Scan# 3547
Delta R.T. -0.022 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

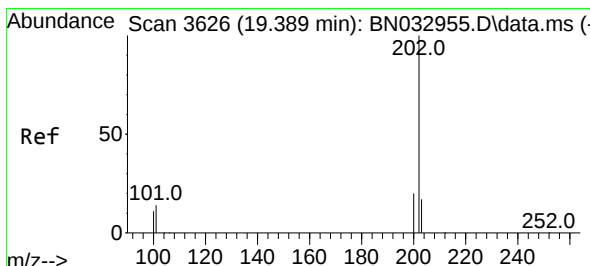
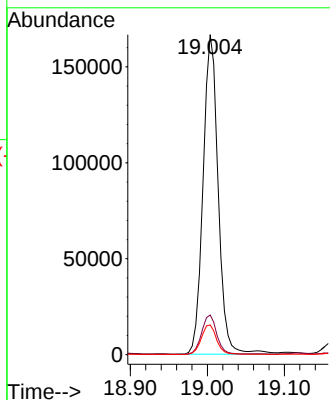
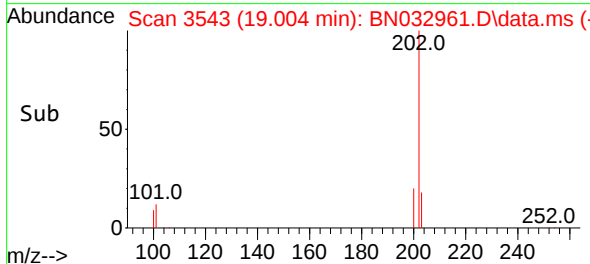
Instrument :
BNA_N
ClientSampleId :
A4D31DL



Tgt Ion:202 Resp: 227880
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.3 7.9 11.9

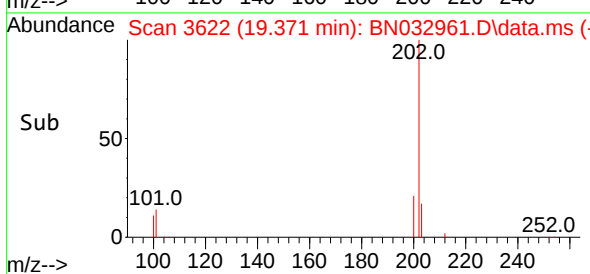
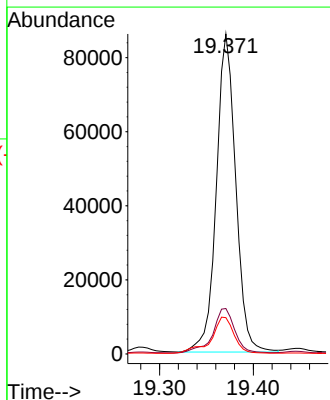
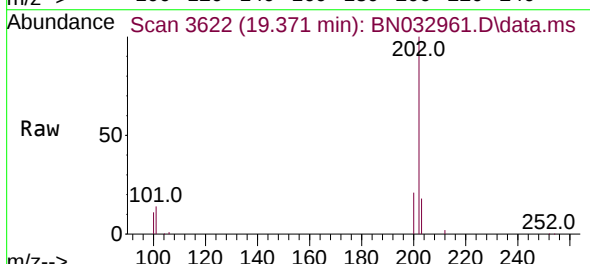
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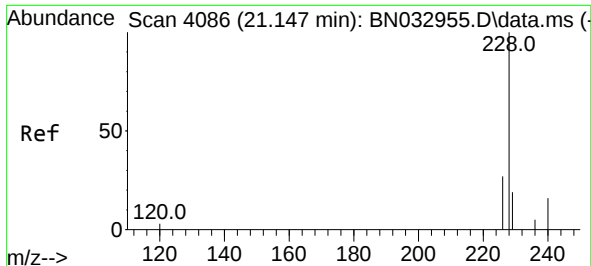
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 2.749 ng/u1
RT: 19.371 min Scan# 3622
Delta R.T. -0.022 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

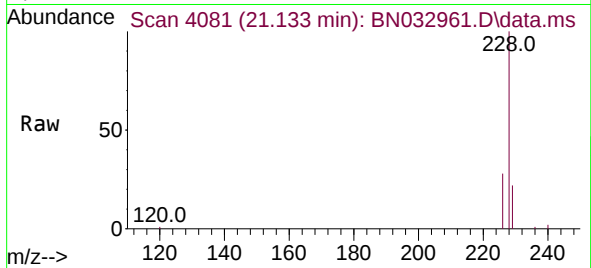
Tgt Ion:202 Resp: 123528
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.855 ng/u1
RT: 21.133 min Scan# 4086
Delta R.T. -0.018 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

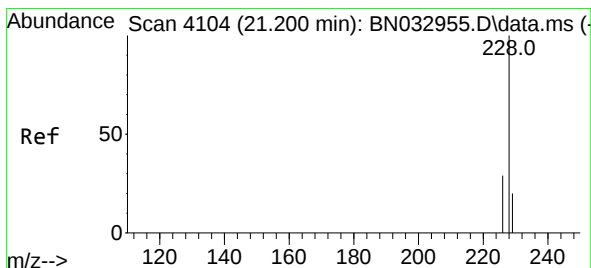
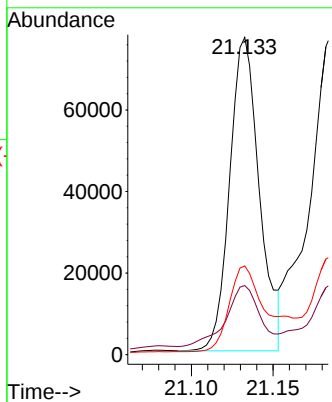
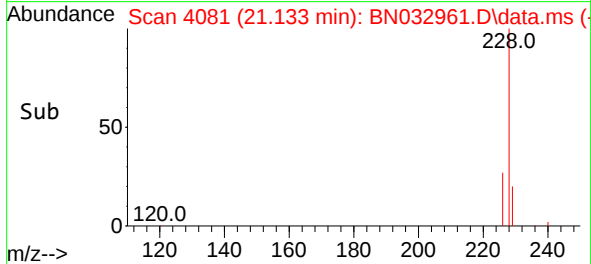
Instrument :
BNA_N
ClientSampleId :
A4D31DL



Tgt Ion:228 Resp: 97040
Ion Ratio Lower Upper
228 100
229 21.8 16.1 24.1
226 28.0 21.9 32.9

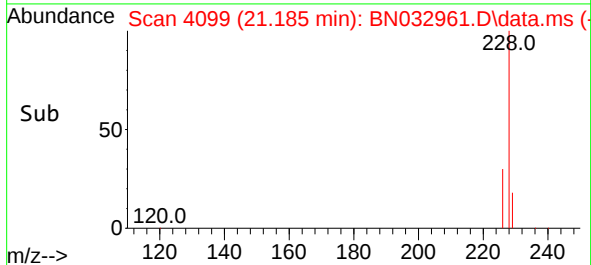
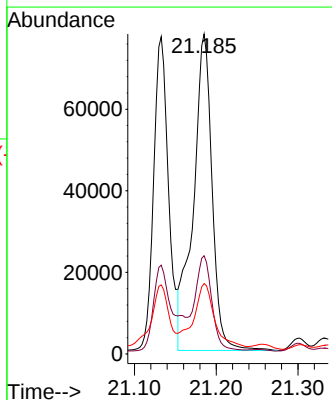
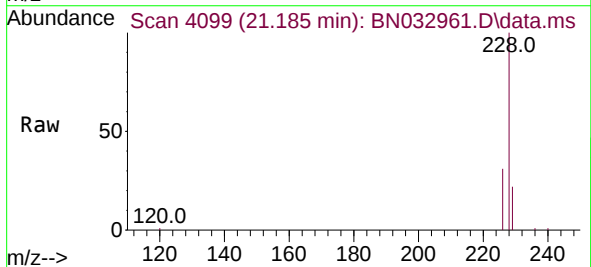
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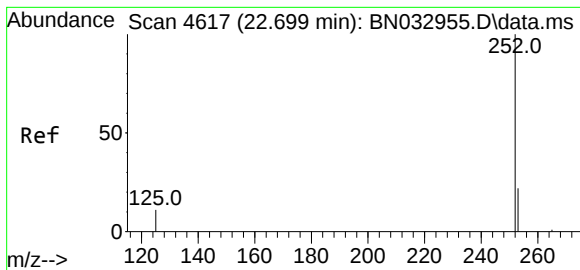
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 2.534 ng/u1
RT: 21.185 min Scan# 4099
Delta R.T. -0.018 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

Tgt Ion:228 Resp: 124615
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 22.0 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 3.575 ng/ul m

RT: 22.684 min Scan# 4612

Delta R.T. -0.015 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

Instrument :

BNA_N

ClientSampleId :

A4D31DL

Tgt Ion:252 Resp: 17148

Ion Ratio Lower Upper

252 100

253 23.4 0.0 54.0

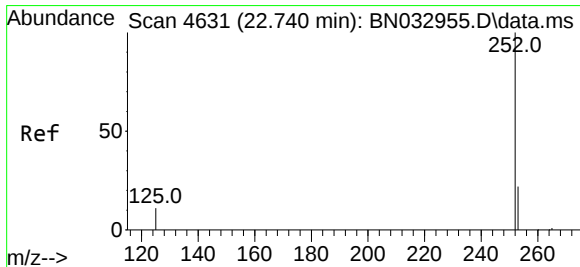
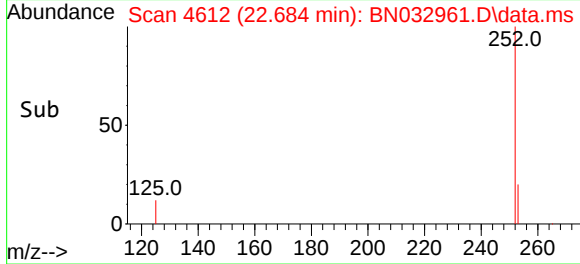
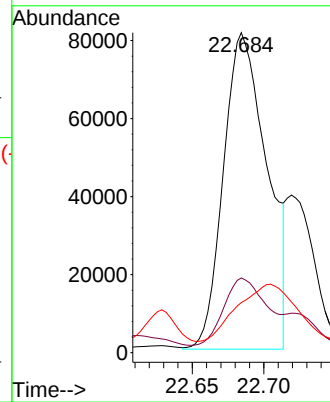
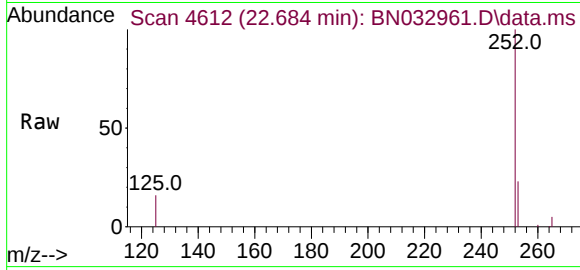
125 15.7 0.0 36.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#25

Benzo(k)fluoranthene

Concen: 0.948 ng/ul m

RT: 22.719 min Scan# 4624

Delta R.T. -0.021 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

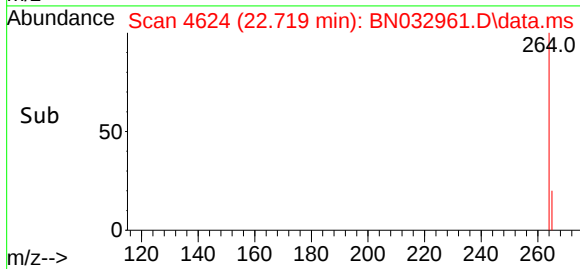
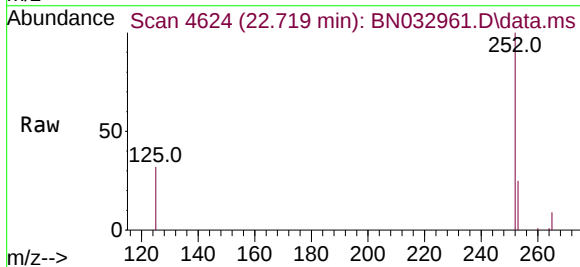
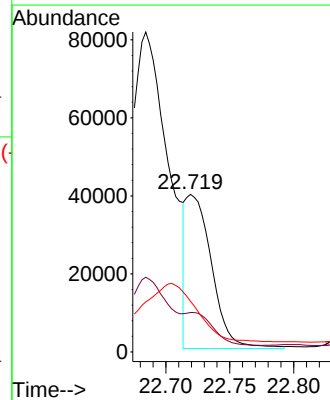
Tgt Ion:252 Resp: 55414

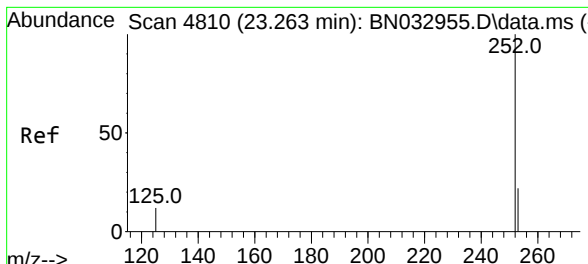
Ion Ratio Lower Upper

252 100

253 25.1 21.2 31.8

125 32.1 14.8 22.2#





#26
 Benzo(a)pyrene
 Concen: 0.929 ng/ul
 RT: 23.243 min Scan# 4810
 Delta R.T. -0.021 min
 Lab File: BN032961.D
 Acq: 24 Jul 2024 23:13

Instrument :

BNA_N

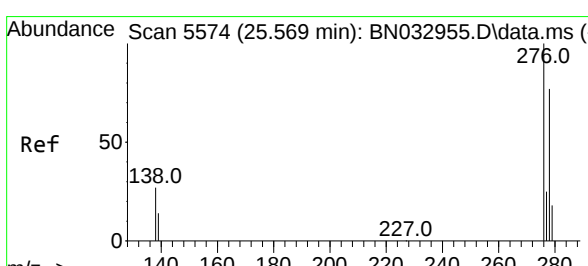
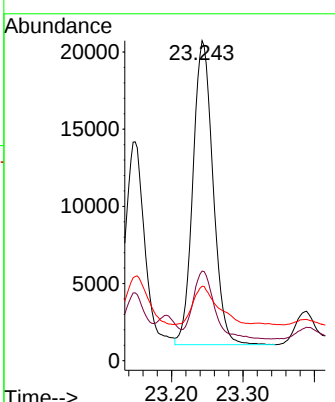
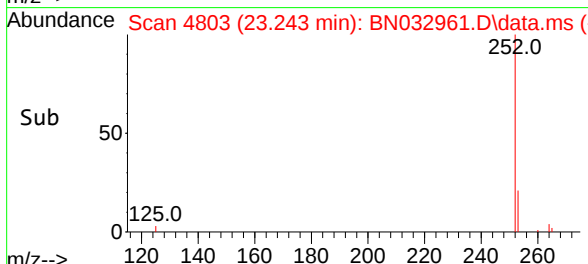
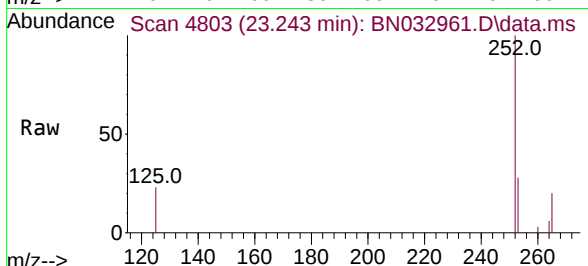
ClientSampleId :

A4D31DL

Tgt Ion:	252	Resp:	3855
Ion Ratio	Lower	Upper	
252	100		
253	28.0	25.4	38.0
125	23.2	20.6	30.8

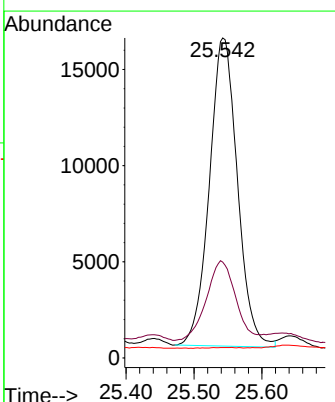
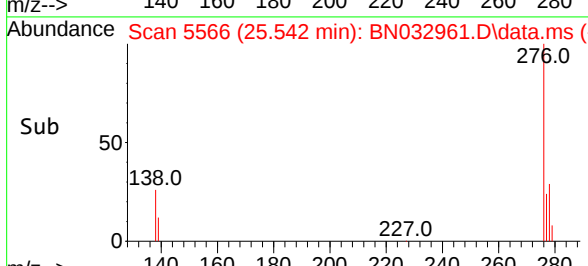
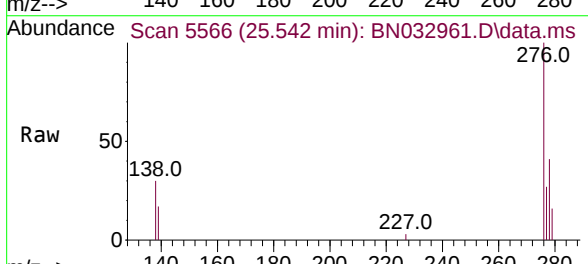
Manual Integrations
 APPROVED

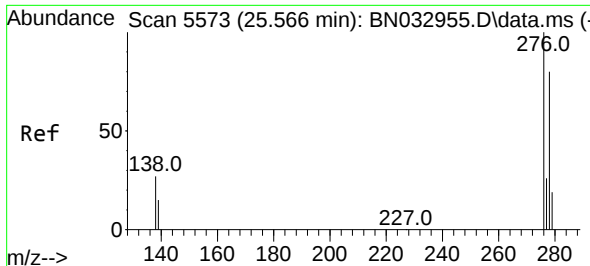
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.818 ng/ul
 RT: 25.542 min Scan# 5566
 Delta R.T. -0.027 min
 Lab File: BN032961.D
 Acq: 24 Jul 2024 23:13

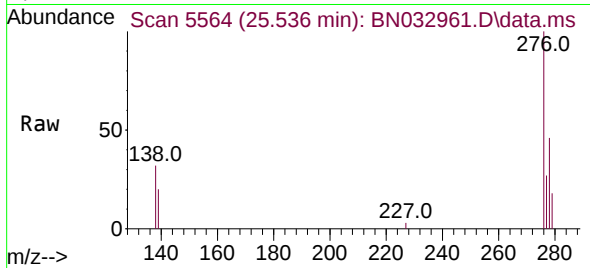
Tgt Ion:	276	Resp:	45960
Ion Ratio	Lower	Upper	
276	100		
138	33.1	21.6	32.4#
227	0.1	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.512 ng/ul
RT: 25.536 min Scan# 5564
Delta R.T. -0.034 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

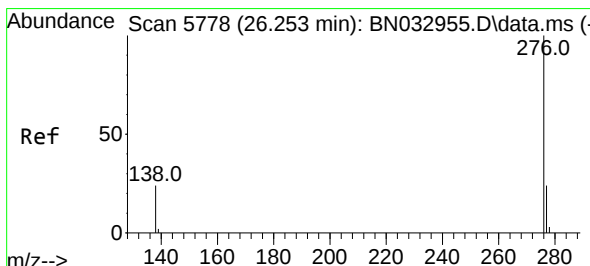
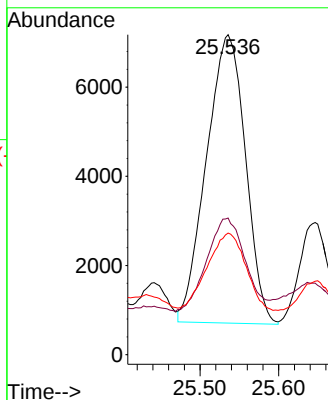
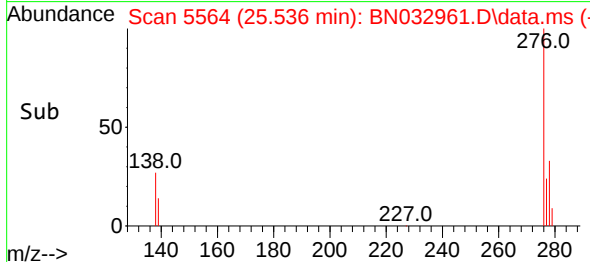
Instrument :
BNA_N
ClientSampleId :
A4D31DL



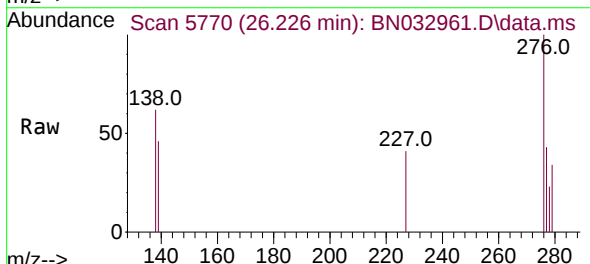
Tgt Ion:278 Resp: 2229
Ion Ratio Lower Upper
278 100
139 42.7 16.6 24.8
279 38.0 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.137 ng/ul
RT: 26.226 min Scan# 5770
Delta R.T. -0.024 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13



Tgt Ion:276 Resp: 6422
Ion Ratio Lower Upper
276 100
138 61.5 21.0 31.4#
277 42.6 20.6 31.0#

