

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032694.D
 Acq On : 13 Jul 2024 04:51
 Operator : MA/JU
 Sample : P3035-21DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 05:18:04 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	7.553	152	6836	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	19893	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	9798	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	17533	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	15139	0.400	ng/ul	-0.03
23) Perylene-d12	23.359	264	16954m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	7302	0.890	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	1627	0.054	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	2840	0.058	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	1497	0.028	ng/ul#	81
10) Acenaphthylene	13.920	152	3195	0.081	ng/ul#	92
11) Acenaphthene	14.262	153	2121	0.065	ng/ul	98
12) Fluorene	15.262	166	2543	0.068	ng/ul#	98
15) Phenanthrene	16.999	178	46722	0.978	ng/ul	99
16) Anthracene	17.092	178	9648	0.247	ng/ul	96
19) Fluoranthene	19.027	202	91649	1.489	ng/ul	99
20) Pyrene	19.394	202	69364	1.089	ng/ul	97
21) Benzo(a)anthracene	21.150	228	43168	0.896	ng/ul	98
22) Chrysene	21.206	228	41016	0.588	ng/ul	98
24) Benzo(b)fluoranthene	22.705	252	55795m	0.933	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	23722m	0.325	ng/ul	
26) Benzo(a)pyrene	23.263	252	22926	0.443	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.569	276	20350	0.290	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.559	278	6306	0.116	ng/ul#	72
29) Benzo(g,h,i)perylene	26.253	276	2947	0.050	ng/ul#	62

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

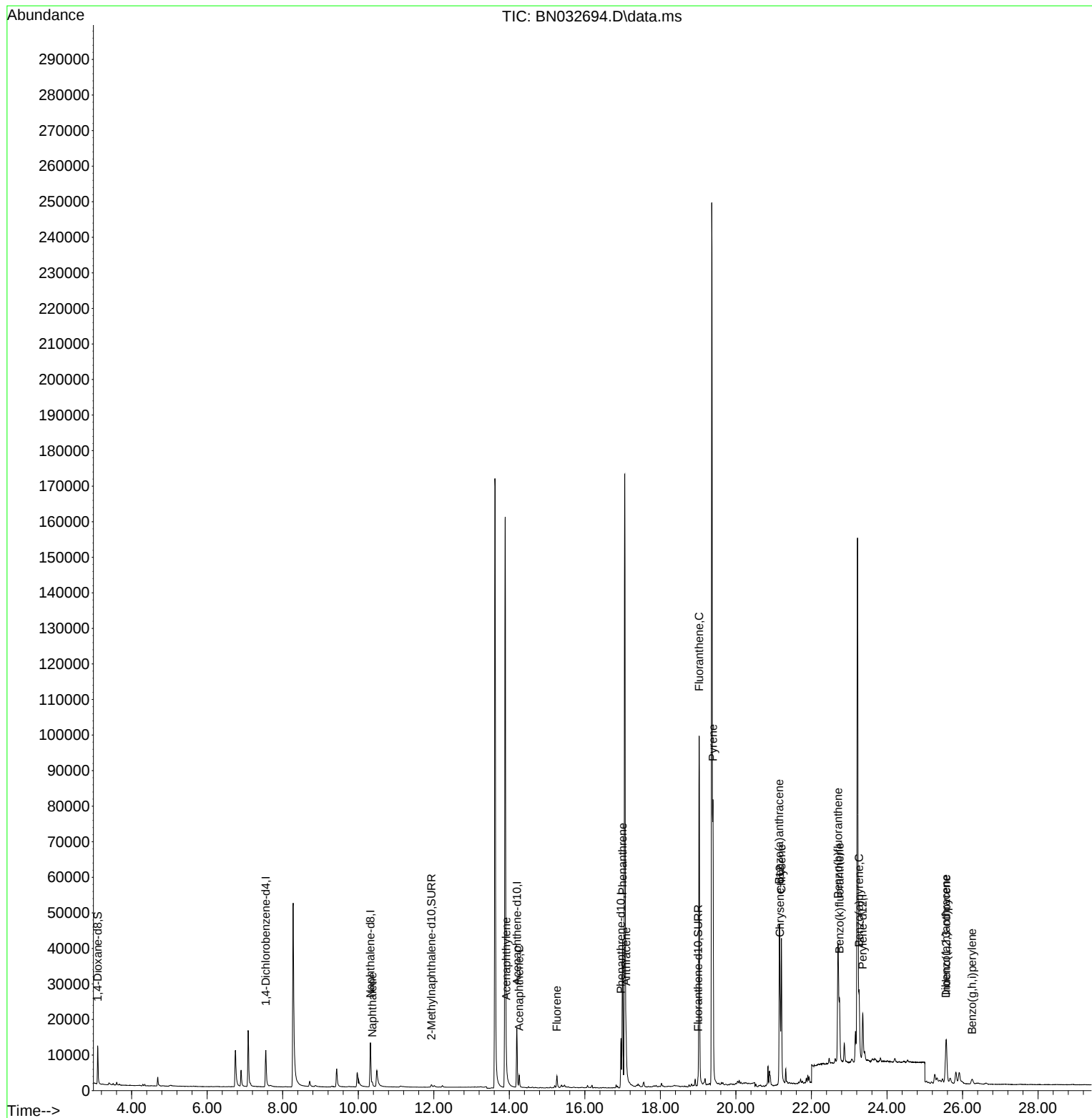
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032694.D
Acq On : 13 Jul 2024 04:51
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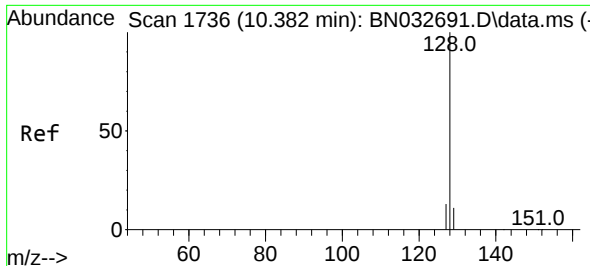
Instrument :
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A4CB9DL

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Supervised By :mohammad ahmed 07/16/2024

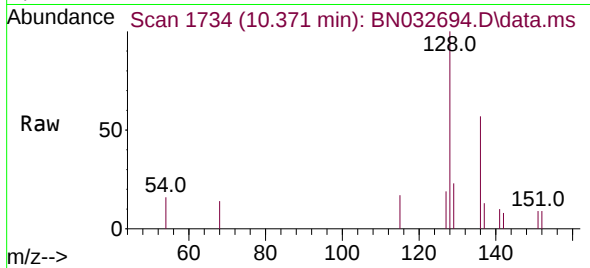
Quant Time: Jul 13 05:18:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

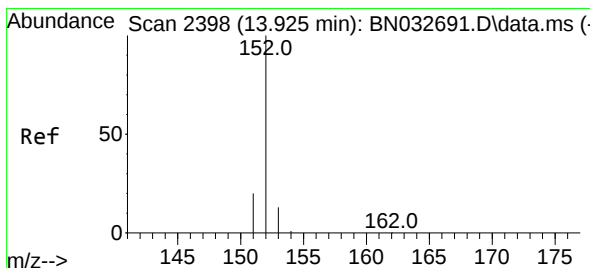
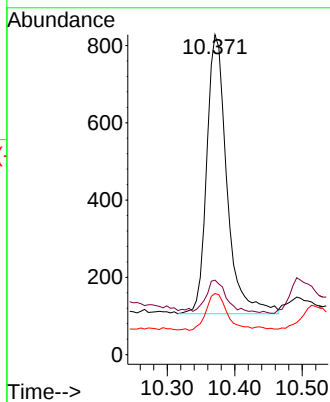
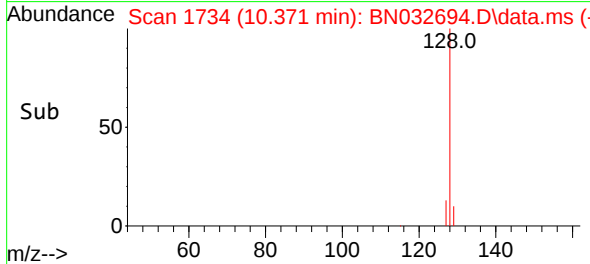
Instrument :
BNA_N
ClientSampleId :
A4CB9DL



Tgt Ion:128 Resp: 149
Ion Ratio Lower Upper
128 100
129 23.3 10.0 15.0
127 19.1 11.6 17.4

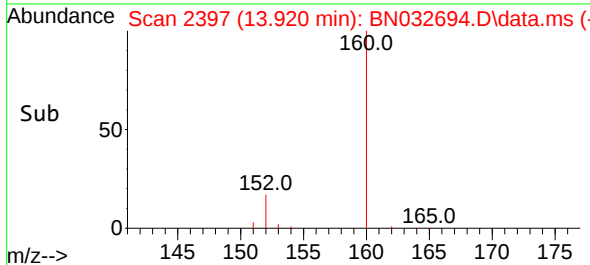
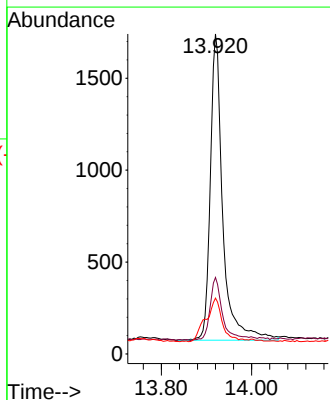
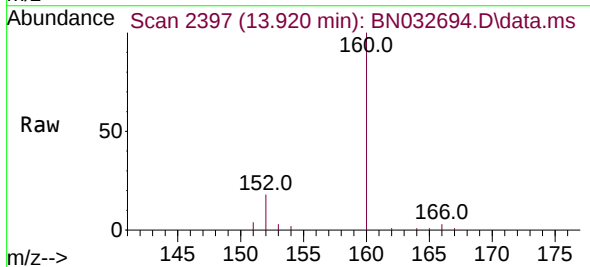
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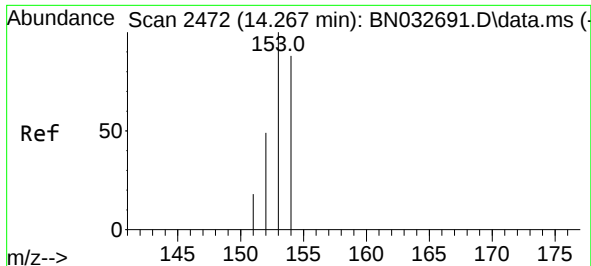
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.081 ng/ul
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

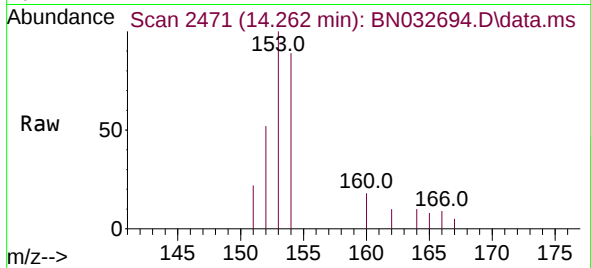
Tgt Ion:152 Resp: 3195
Ion Ratio Lower Upper
152 100
151 23.9 16.3 24.5
153 17.5 11.3 16.9





#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

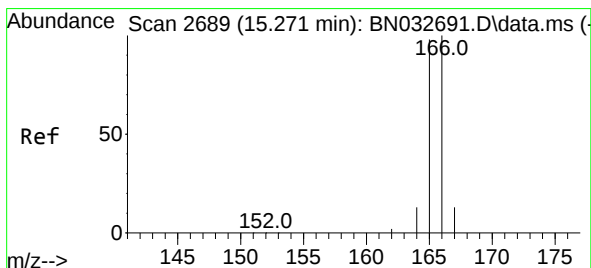
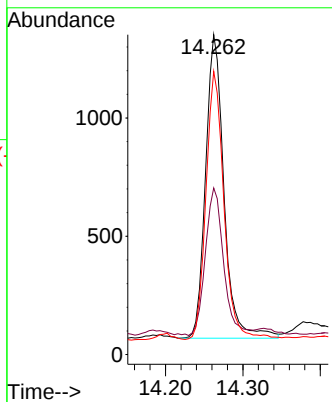
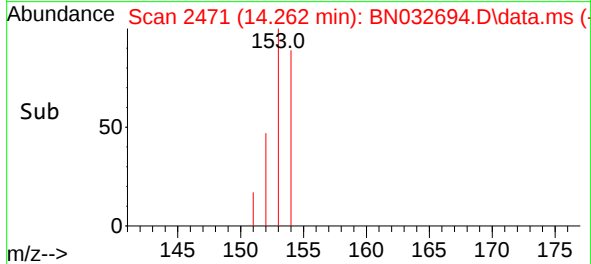
Instrument :
BNA_N
ClientSampleId :
A4CB9DL



Tgt Ion:153 Resp: 212
Ion Ratio Lower Upper
153 100
152 52.1 40.0 60.0
154 88.5 70.2 105.4

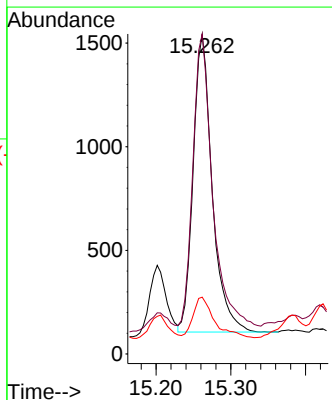
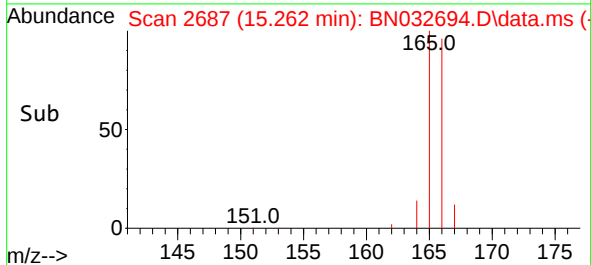
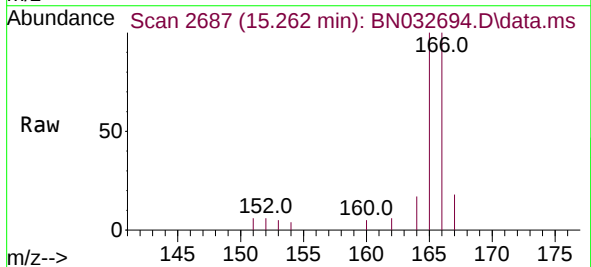
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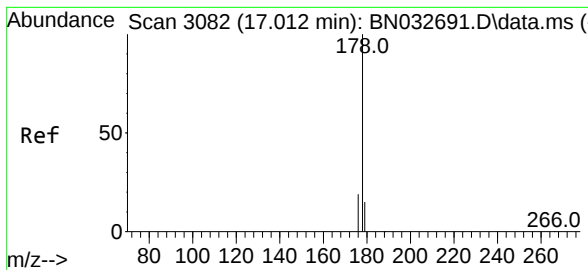
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

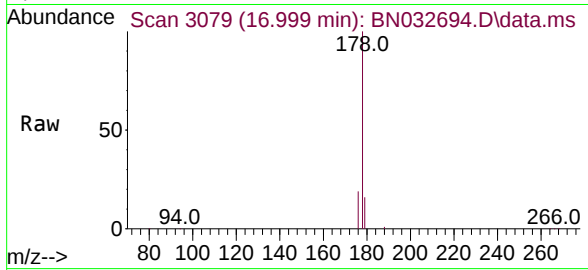
Tgt Ion:166 Resp: 2543
Ion Ratio Lower Upper
166 100
165 100.2 79.7 119.5
167 17.8 11.4 17.2#





#15
Phenanthrene
Concen: 0.978 ng/u1
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

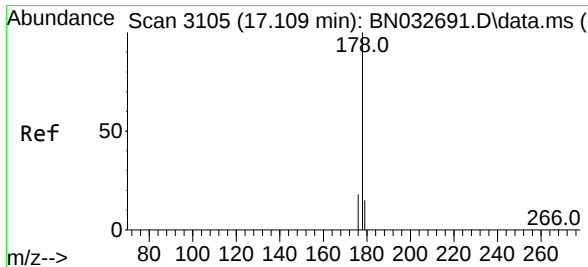
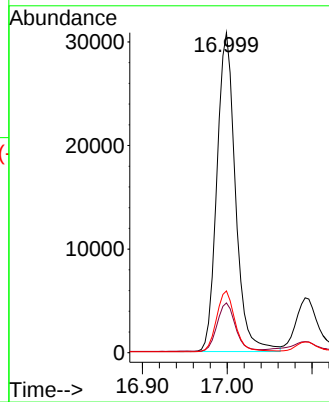
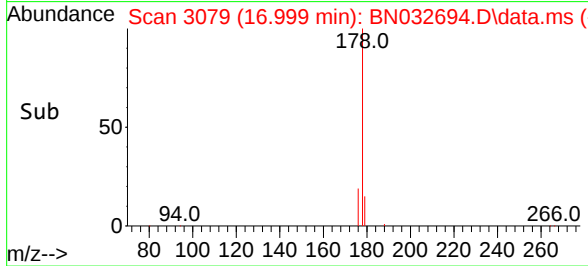
Instrument :
BNA_N
ClientSampleId :
A4CB9DL



Tgt Ion:178 Resp: 4672
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.3 15.6 23.4

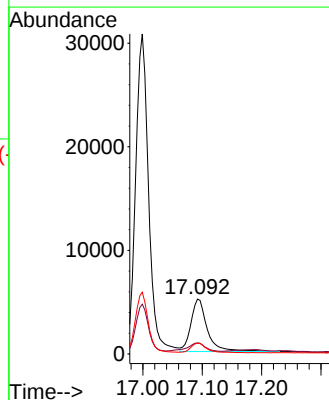
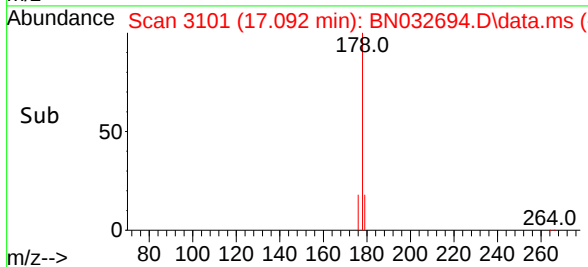
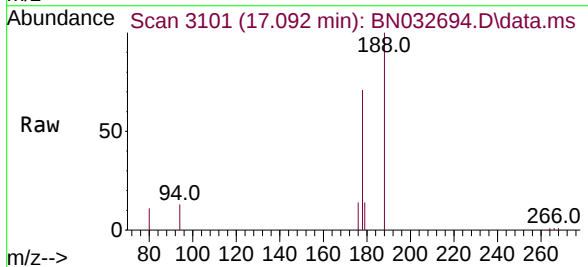
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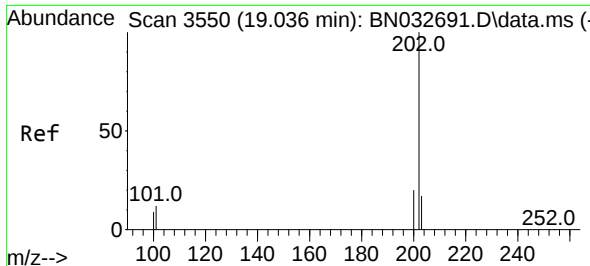
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.247 ng/u1
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

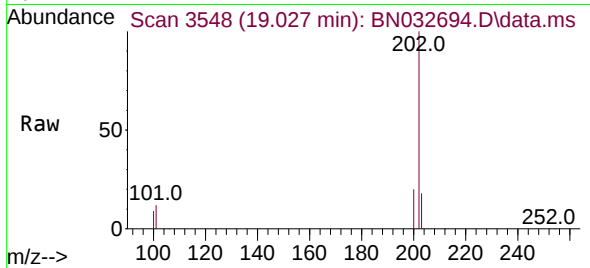
Tgt Ion:178 Resp: 9648
Ion Ratio Lower Upper
178 100
179 20.0 13.4 20.2
176 19.6 15.4 23.0





#19
Fluoranthene
Concen: 1.489 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

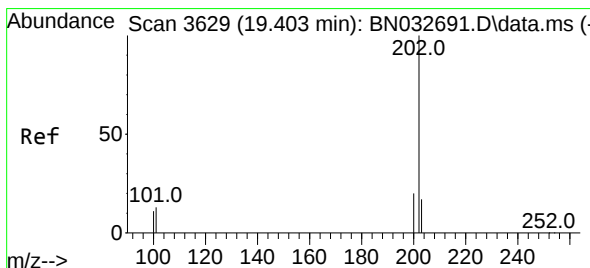
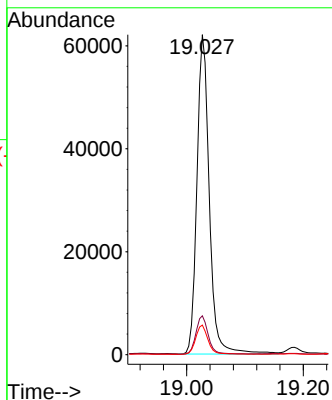
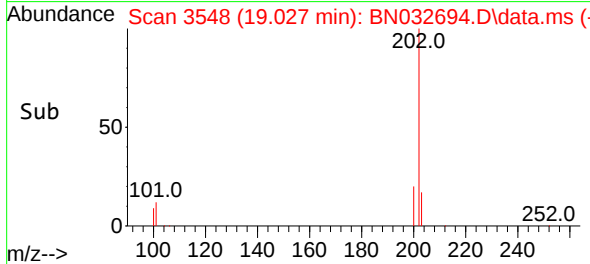
Instrument :
BNA_N
ClientSampleId :
A4CB9DL



Tgt Ion:202 Resp: 91649
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.8
100 9.2 7.9 11.9

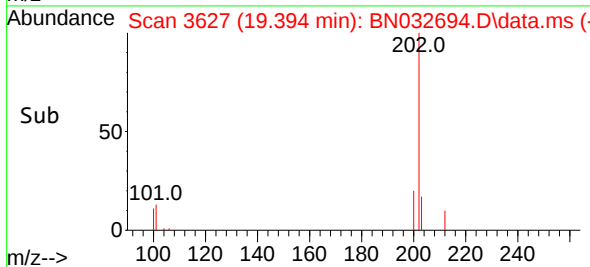
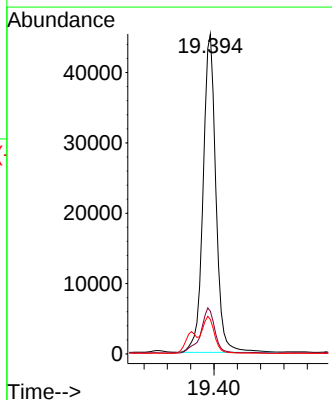
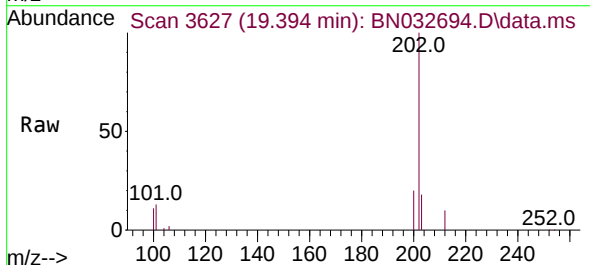
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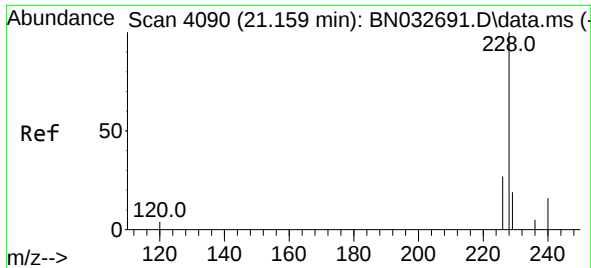
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.089 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

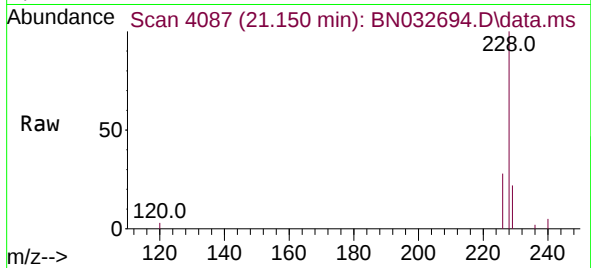
Tgt Ion:202 Resp: 69364
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.896 ng/u1
RT: 21.150 min Scan# 4090
Delta R.T. -0.032 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

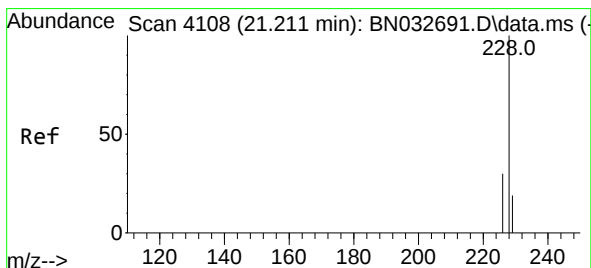
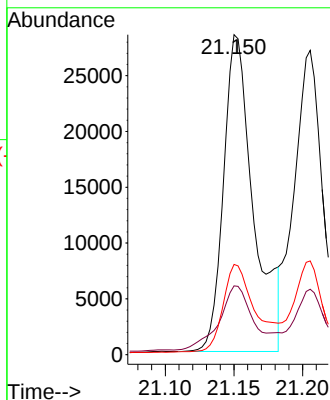
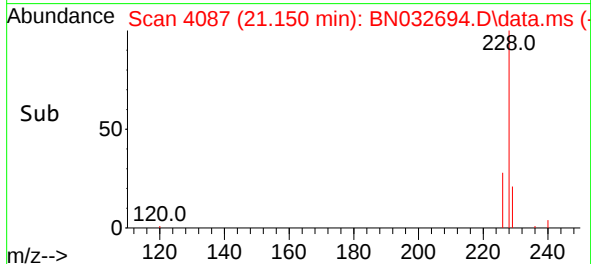
Instrument :
BNA_N
ClientSampleId :
A4CB9DL



Tgt Ion:228 Resp: 43168
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 28.2 21.9 32.9

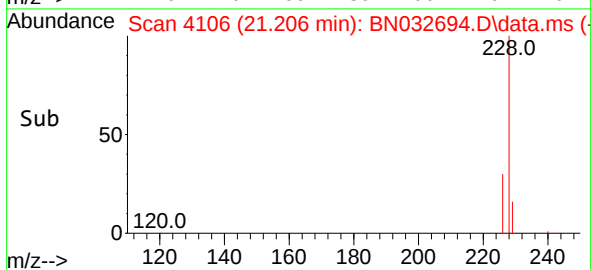
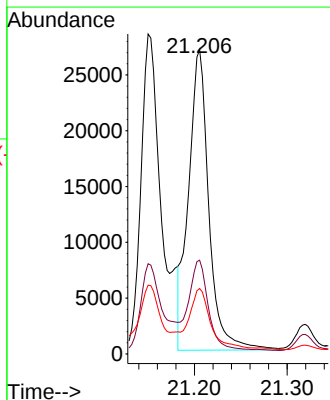
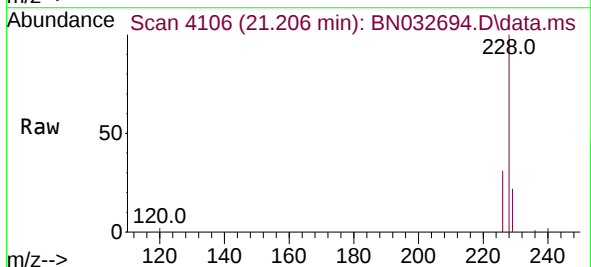
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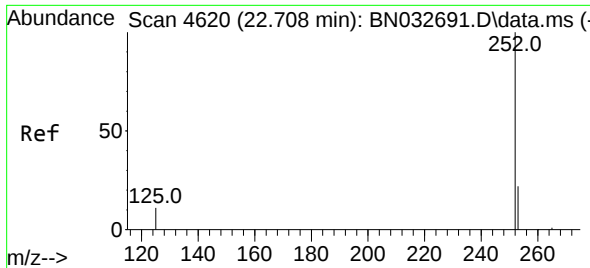
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.588 ng/u1
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

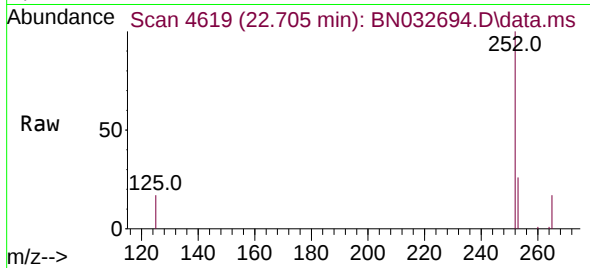
Tgt Ion:228 Resp: 41016
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.933 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

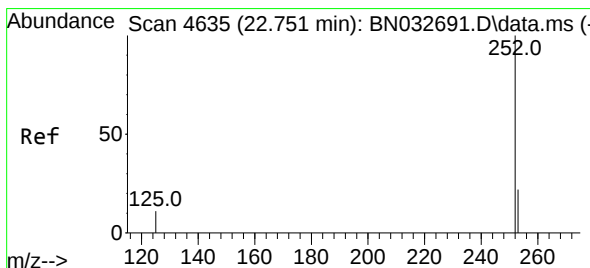
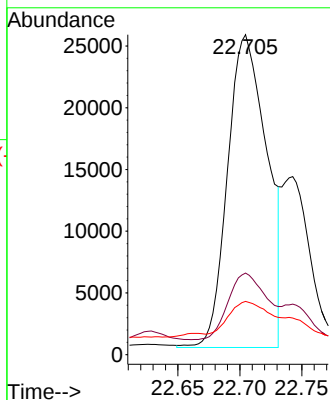
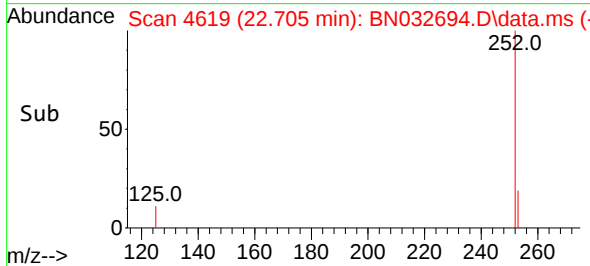
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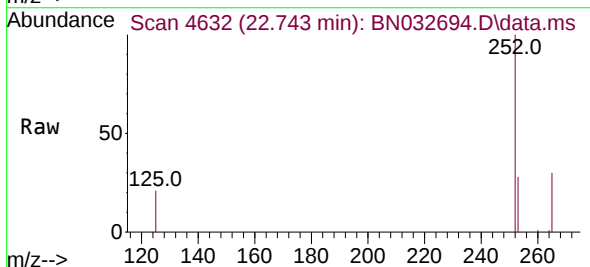
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Ion Ratio Lower Upper
252 100
253 25.5 0.0 54.0
125 16.7 0.0 36.0

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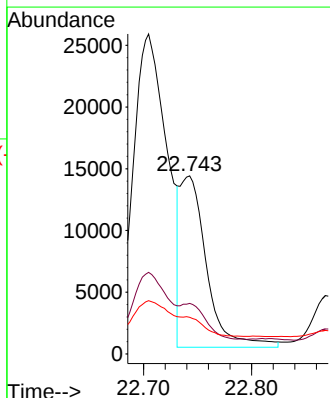
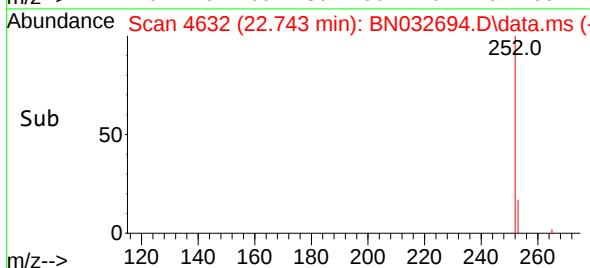
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

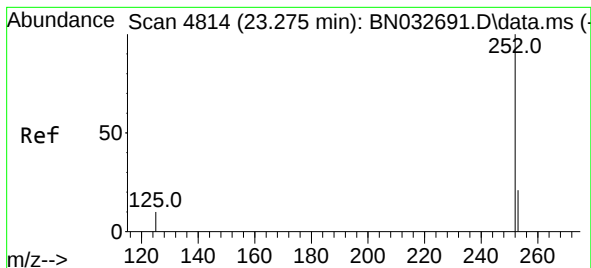


#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51



Tgt Ion:252 Resp: 23722
Ion Ratio Lower Upper
252 100
253 28.4 21.2 31.8
125 20.6 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.443 ng/ul

RT: 23.263 min Scan# 4814

Delta R.T. -0.047 min

Lab File: BN032694.D

Acq: 13 Jul 2024 04:51

Instrument :

BNA_N

ClientSampleId :

A4CB9DL

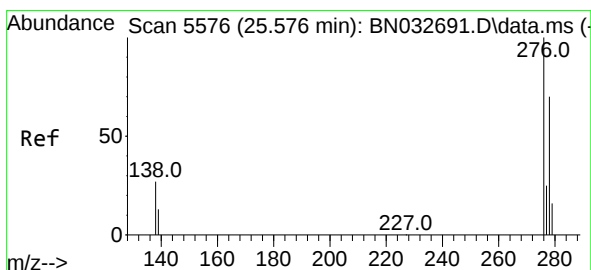
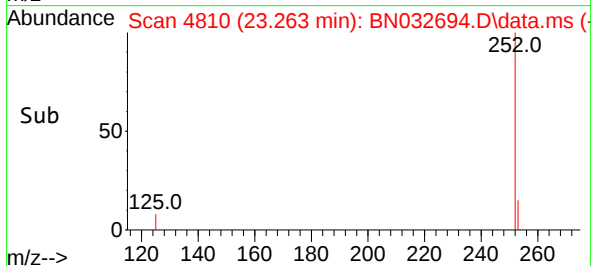
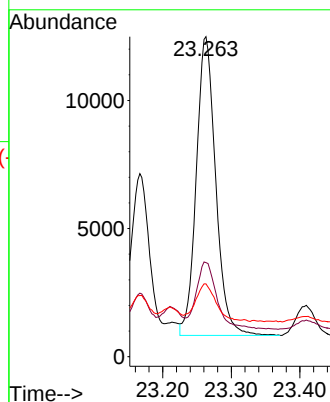
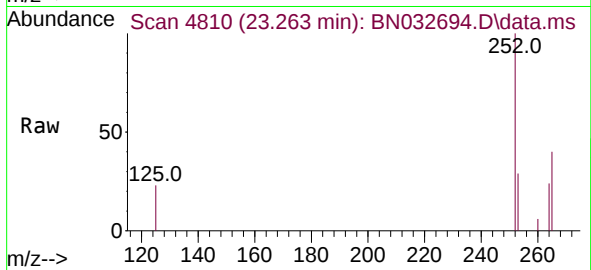
Tgt Ion:	252	Resp:	22920
Ion Ratio	Lower	Upper	
252	100		
253	29.4	25.4	38.0
125	22.8	20.6	30.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.290 ng/ul

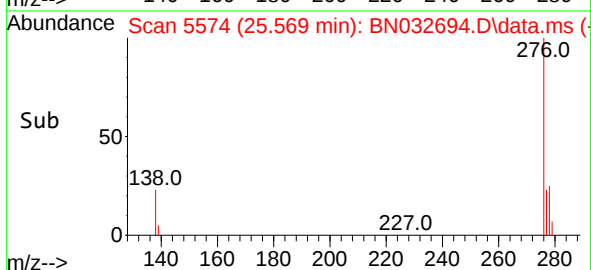
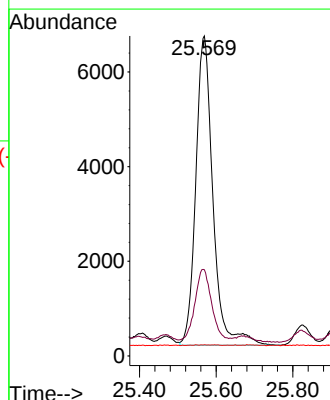
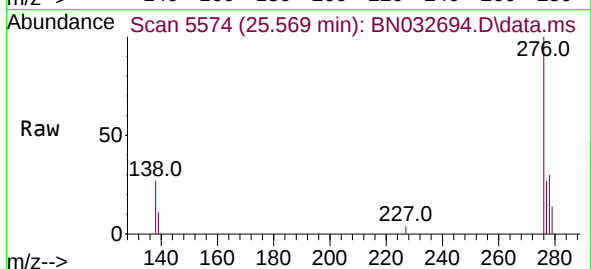
RT: 25.569 min Scan# 5574

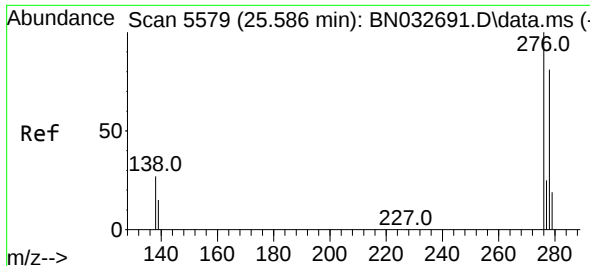
Delta R.T. -0.057 min

Lab File: BN032694.D

Acq: 13 Jul 2024 04:51

Tgt Ion:	276	Resp:	20350
Ion Ratio	Lower	Upper	
276	100		
138	22.9	21.6	32.4
227	0.2	0.0	0.0





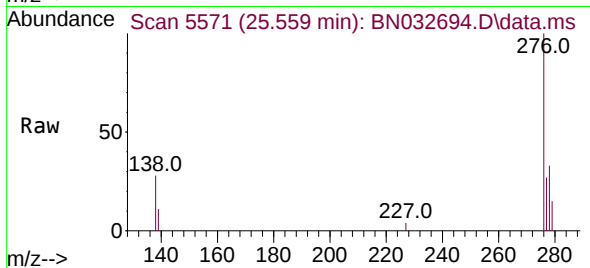
#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.081 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51

Instrument :

BNA_N

ClientSampleId :

A4CB9DL



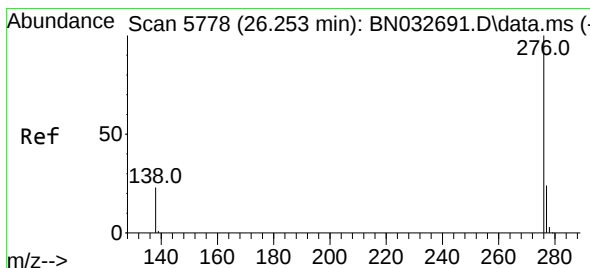
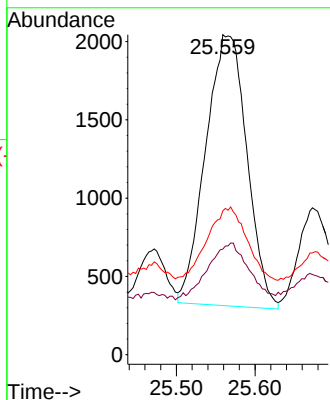
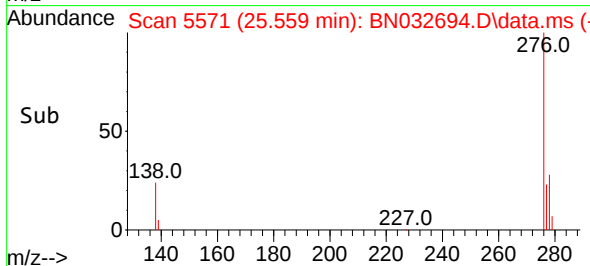
Tgt Ion:278 Resp: 6300
Ion Ratio Lower Upper
278 100
139 33.0 16.6 24.8#
279 45.0 23.7 35.5#

Manual Integrations

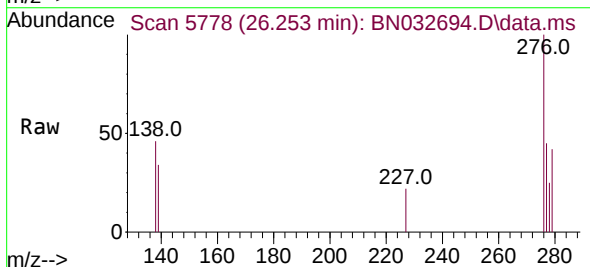
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 26.253 min Scan# 5778
Delta R.T. -0.047 min
Lab File: BN032694.D
Acq: 13 Jul 2024 04:51



Tgt Ion:276 Resp: 2947
Ion Ratio Lower Upper
276 100
138 45.7 21.0 31.4#
277 45.3 20.6 31.0#

