

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033108.D
 Acq On : 30 Jul 2024 16:15
 Operator : MA/JU
 Sample : P3347-13DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 18:40:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	1627	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.289	136	6228	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.143	164	4059	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.916	188	8973	0.400	ng/ul	-0.03
17) Chrysene-d12	21.145	240	8276	0.400	ng/ul	0.00
23) Perylene-d12	23.325	264	7833m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	666	0.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	487	0.048	ng/ul	-0.02
18) Fluoranthene-d10	18.958	212	1509	0.064	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.344	128	728	0.046	ng/ul#	60
8) 1-Methylnaphthalene	12.187	142	2042	0.174	ng/ul#	45
10) Acenaphthylene	13.865	152	1447	0.087	ng/ul#	77
11) Acenaphthene	14.203	153	35576	2.847	ng/ul	98
12) Fluorene	15.212	166	33553	2.304	ng/ul	98
15) Phenanthrene	16.958	178	1023	0.043	ng/ul#	77
16) Anthracene	17.055	178	4446	0.205	ng/ul#	91
19) Fluoranthene	18.986	202	17497	0.642	ng/ul	99
20) Pyrene	19.348	202	12482	0.427	ng/ul	96
21) Benzo(a)anthracene	21.134	228	1619	0.057	ng/ul#	82
22) Chrysene	21.183	228	1221	0.037	ng/ul#	80
24) Benzo(b)fluoranthene	22.679	252	1406m	0.061	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	664m	0.024	ng/ul	
26) Benzo(a)pyrene	23.223	252	778	0.036	ng/ul#	3
27) Indeno(1,2,3-cd)pyrene	25.547	276	919	0.028	ng/ul#	96
29) Benzo(g,h,i)perylene	26.224	276	1604	0.062	ng/ul#	70

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

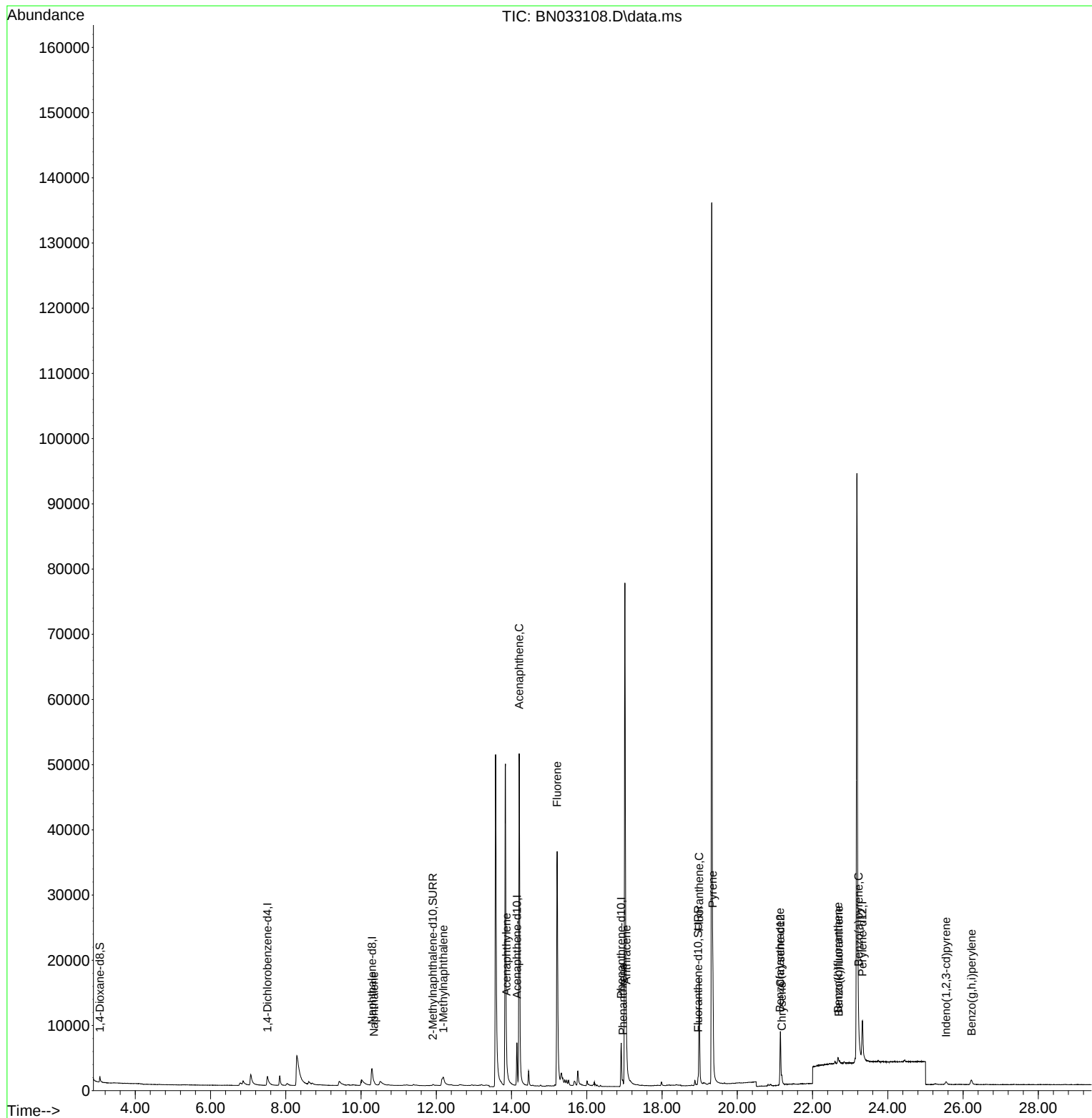
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033108.D
Acq On : 30 Jul 2024 16:15
Operator : MA/JU
Sample : P3347-13DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

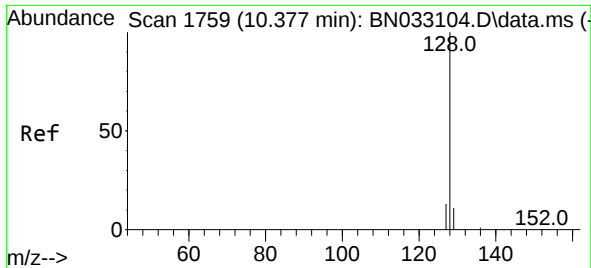
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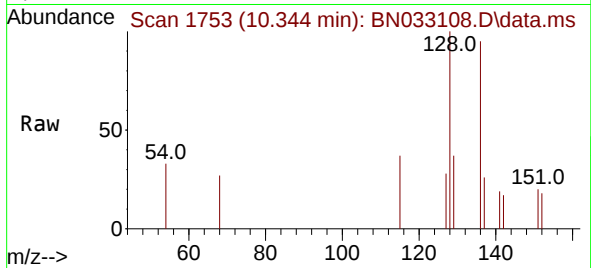
Quant Time: Jul 30 18:40:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.344 min Scan# 1753
Delta R.T. -0.033 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

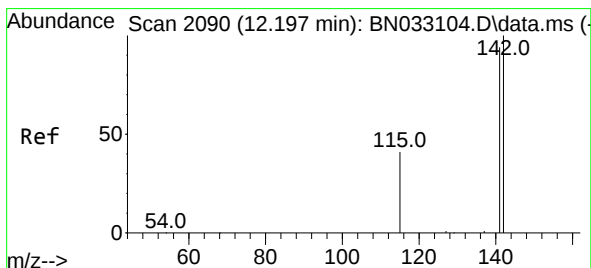
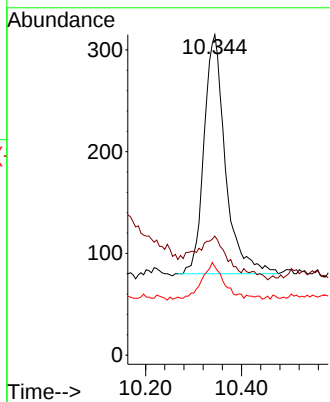
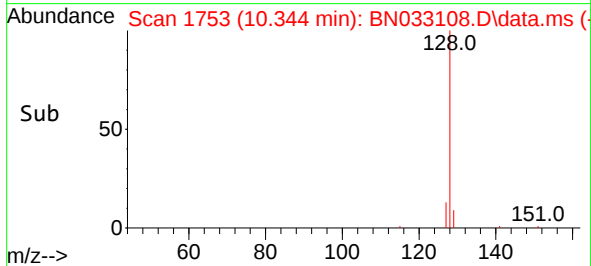
Instrument :
BNA_N
ClientSampleId :
C0AX6DL



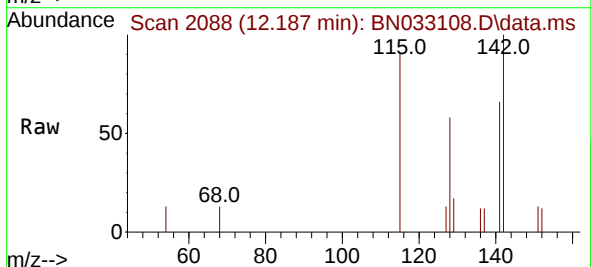
Tgt Ion:128 Resp: 728
Ion Ratio Lower Upper
128 100
129 37.1 12.0 18.0
127 27.6 12.7 19.1

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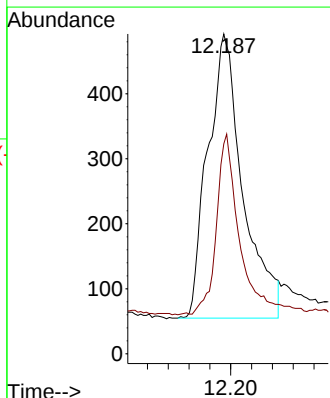
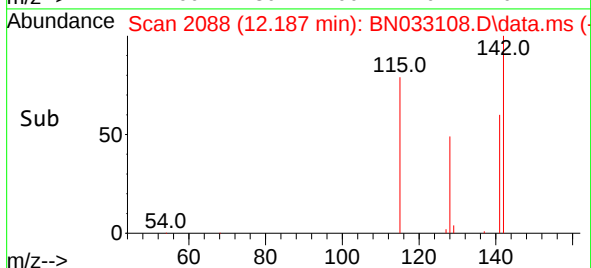
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

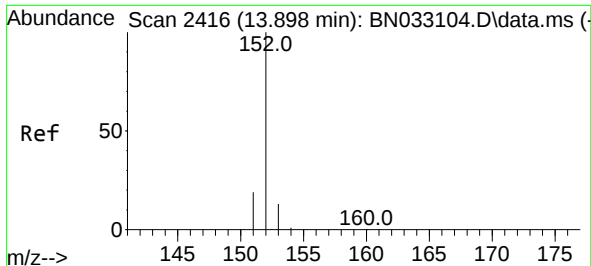


#8
1-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.187 min Scan# 2088
Delta R.T. -0.011 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15



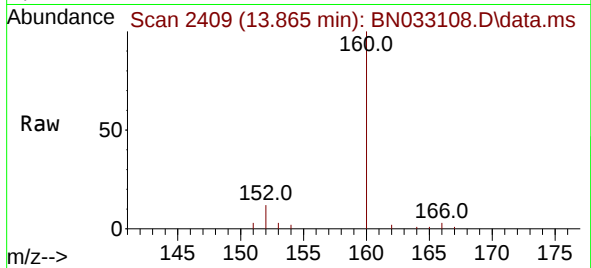
Tgt Ion:142 Resp: 2042
Ion Ratio Lower Upper
142 100
141 40.2 74.3 111.5





#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.865 min Scan# 2416
Delta R.T. -0.032 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

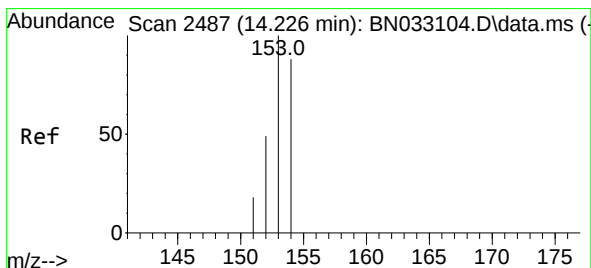
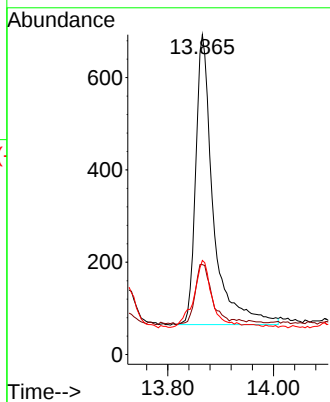
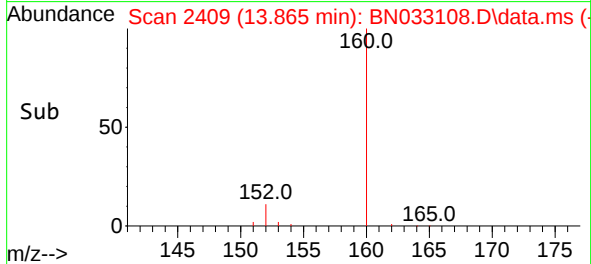
Instrument :
BNA_N
ClientSampleId :
C0AX6DL



Tgt Ion:152 Resp: 144
Ion Ratio Lower Upper
152 100
151 28.1 16.8 25.2
153 29.4 11.9 17.9

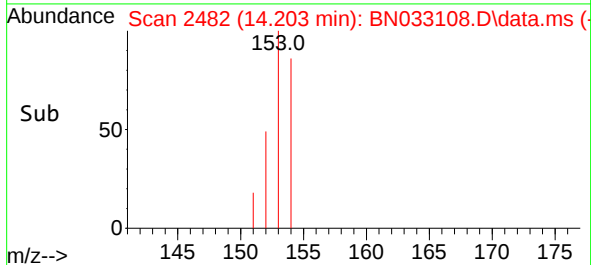
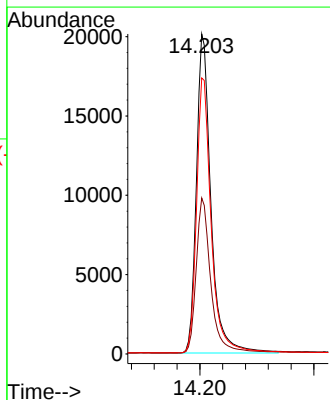
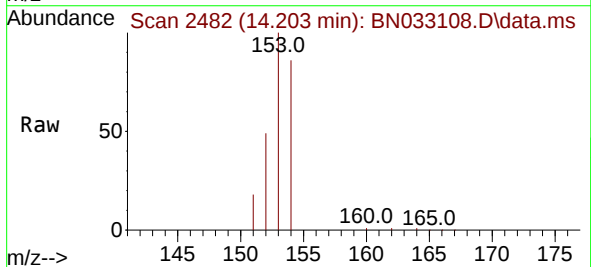
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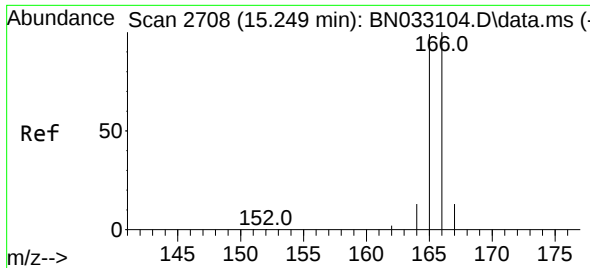
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#11
Acenaphthene
Concen: 2.847 ng/ul
RT: 14.203 min Scan# 2482
Delta R.T. -0.023 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

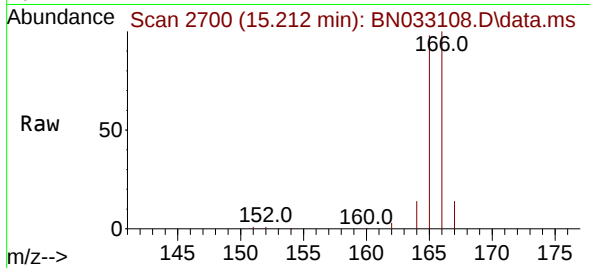
Tgt Ion:153 Resp: 35576
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 86.3 70.1 105.1





#12
Fluorene
Concen: 2.304 ng/ul
RT: 15.212 min Scan# 21
Delta R.T. -0.037 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

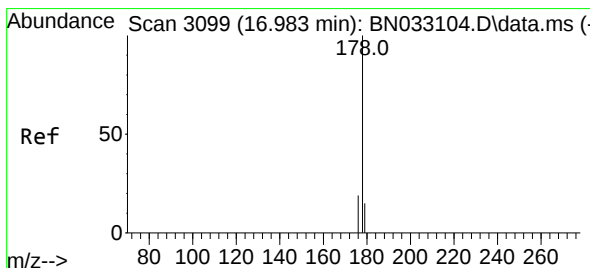
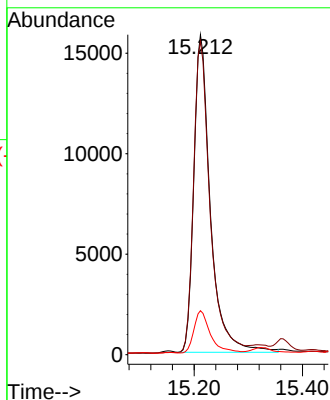
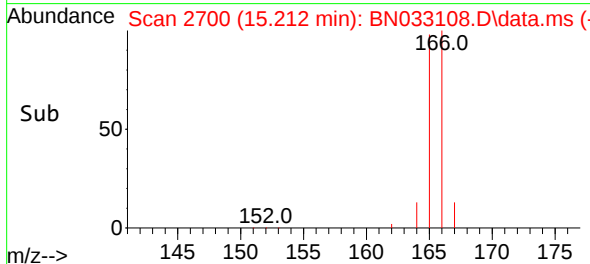
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:166 Resp: 3355
Ion Ratio Lower Upper
166 100
165 98.0 79.6 119.4
167 13.7 12.2 18.4

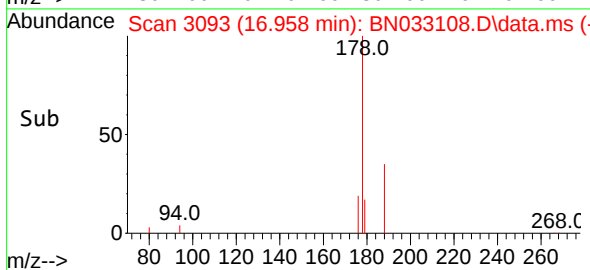
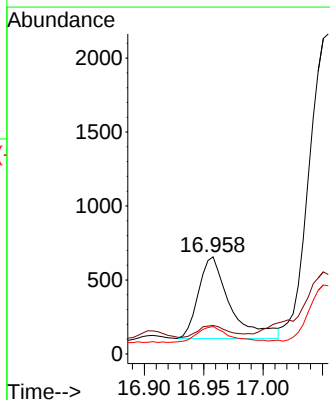
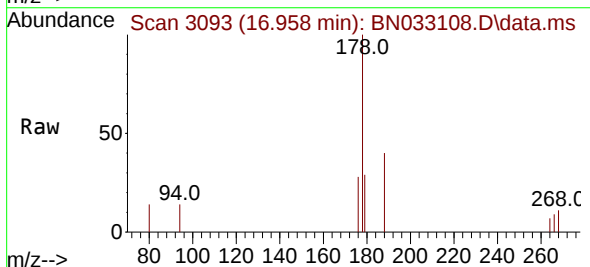
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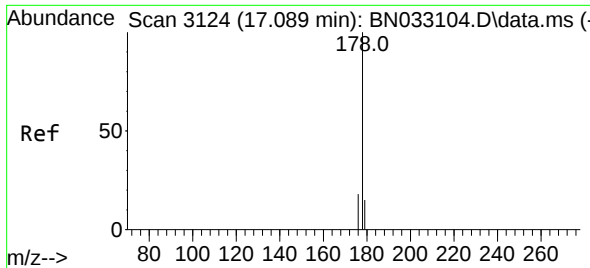
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 16.958 min Scan# 3093
Delta R.T. -0.025 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

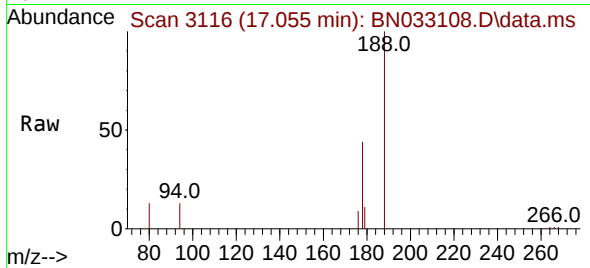
Tgt Ion:178 Resp: 1023
Ion Ratio Lower Upper
178 100
179 29.3 13.7 20.5#
176 28.4 15.9 23.9#





#16
 Anthracene
 Concen: 0.205 ng/ul
 RT: 17.055 min Scan# 3116
 Delta R.T. -0.034 min
 Lab File: BN033108.D
 Acq: 30 Jul 2024 16:15

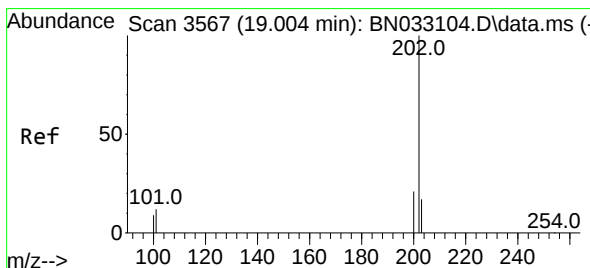
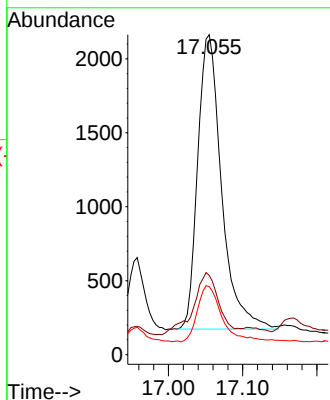
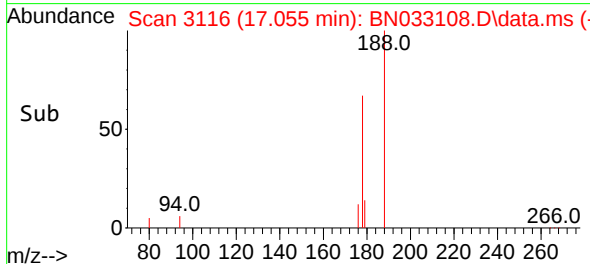
Instrument :
 BNA_N
 ClientSampleId :
 C0AX6DL



Tgt Ion:178 Resp: 4440
 Ion Ratio Lower Upper
 178 100
 179 24.8 14.3 21.5
 176 21.3 15.8 23.8

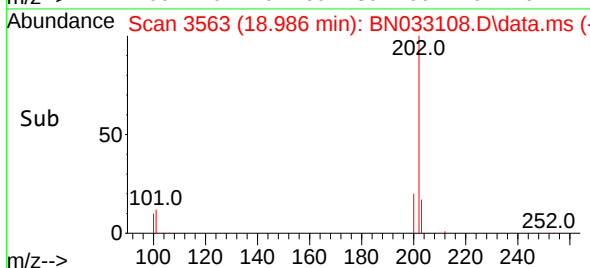
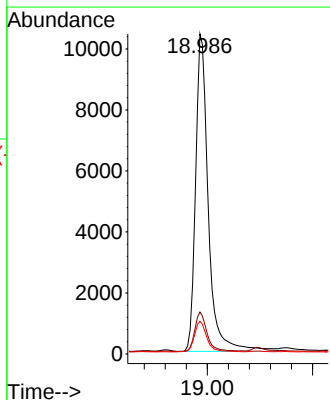
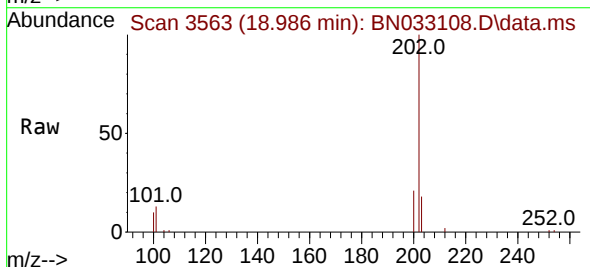
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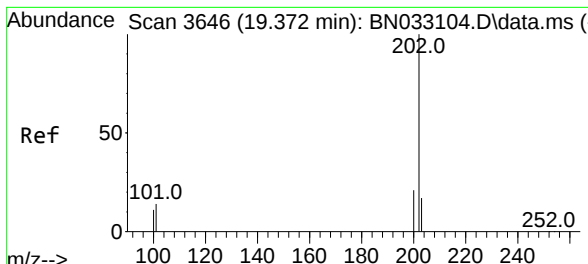
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024



#19
 Fluoranthene
 Concen: 0.642 ng/ul
 RT: 18.986 min Scan# 3563
 Delta R.T. -0.019 min
 Lab File: BN033108.D
 Acq: 30 Jul 2024 16:15

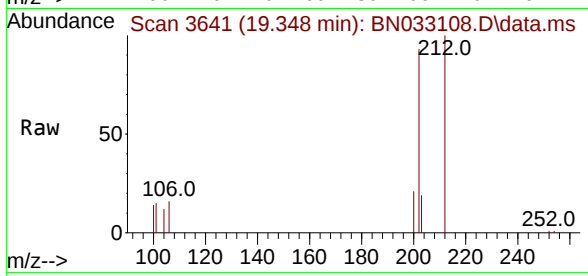
Tgt Ion:202 Resp: 17497
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.7 16.1
 100 10.2 8.3 12.5





#20
 Pyrene
 Concen: 0.427 ng/ul
 RT: 19.348 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: BN033108.D
 Acq: 30 Jul 2024 16:15

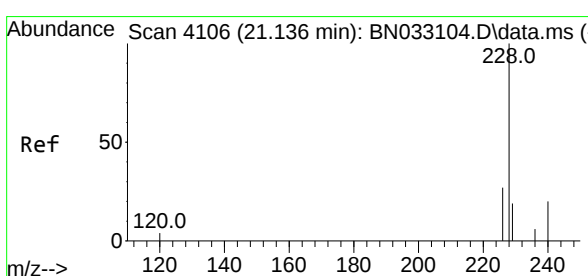
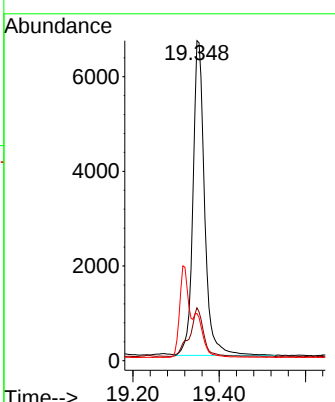
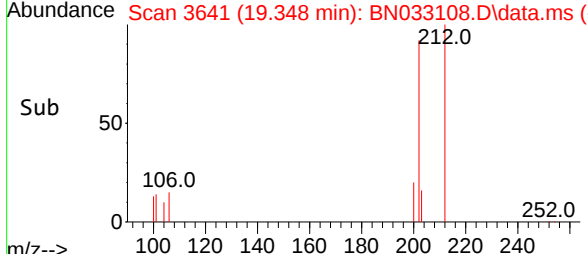
Instrument :
 BNA_N
 ClientSampleId :
 C0AX6DL



Tgt Ion:	202	Resp:	1248
Ion Ratio	Lower	Upper	
202	100		
101	16.5	12.6	18.8
100	14.7	9.9	14.9

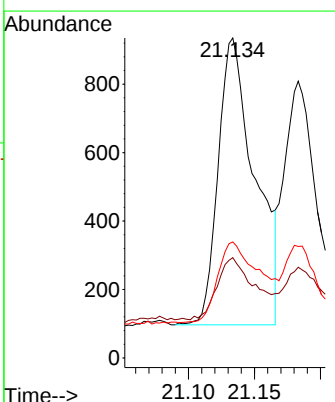
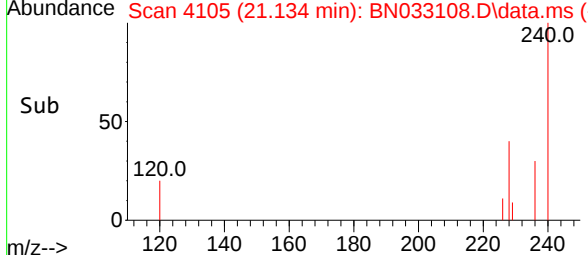
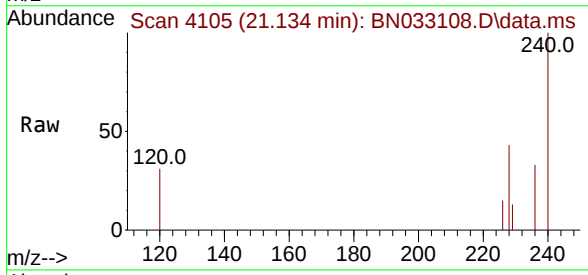
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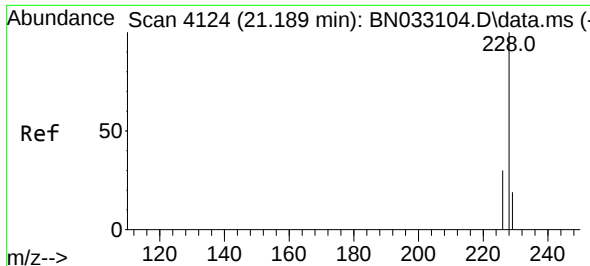
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024



#21
 Benzo(a)anthracene
 Concen: 0.057 ng/ul
 RT: 21.134 min Scan# 4105
 Delta R.T. -0.003 min
 Lab File: BN033108.D
 Acq: 30 Jul 2024 16:15

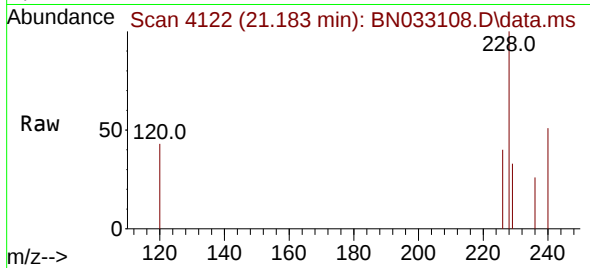
Tgt Ion:	228	Resp:	1619
Ion Ratio	Lower	Upper	
228	100		
229	31.3	17.1	25.7#
226	36.3	22.4	33.6#





#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.183 min Scan# 4124
Delta R.T. -0.006 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

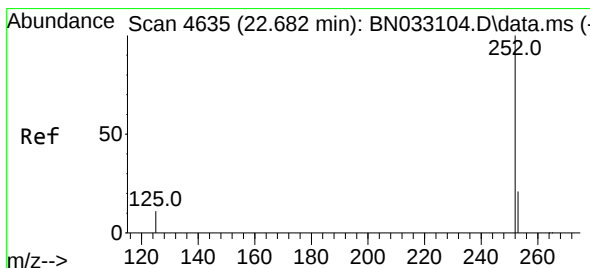
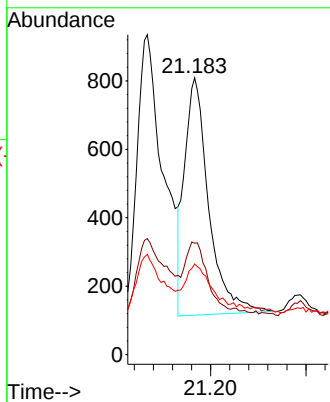
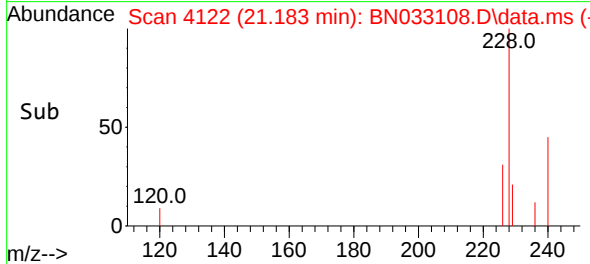
Instrument :
BNA_N
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C0AX6DL



Tgt Ion:228 Resp: 122
Ion Ratio Lower Upper
228 100
226 40.3 24.7 37.1
229 32.8 17.0 25.6

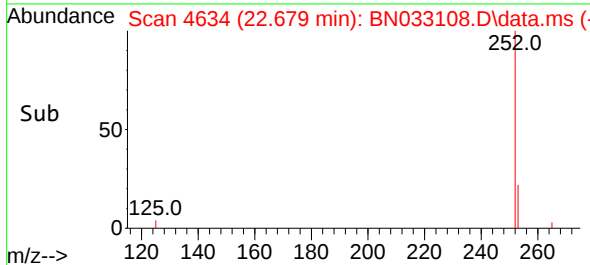
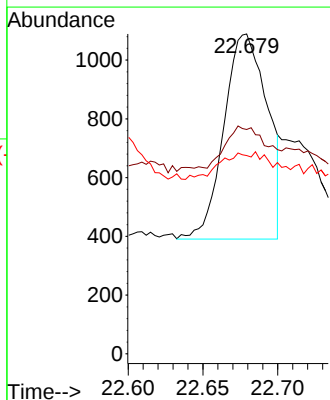
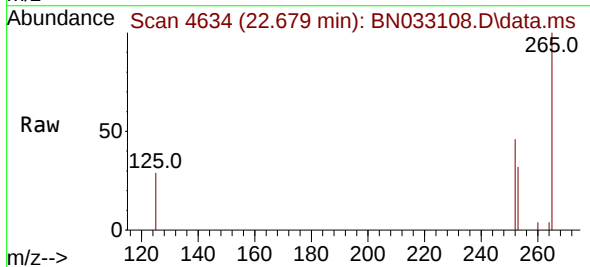
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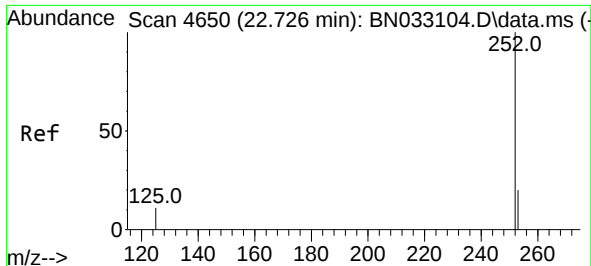
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#24
Benzo(b)fluoranthene
Concen: 0.061 ng/ul m
RT: 22.679 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

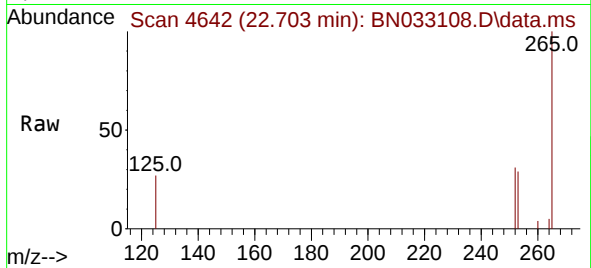
Tgt Ion:252 Resp: 1406
Ion Ratio Lower Upper
252 100
253 70.2 0.0 60.6#
125 62.0 0.0 51.0#





#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 22.703 min Scan# 4642
Delta R.T. -0.023 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

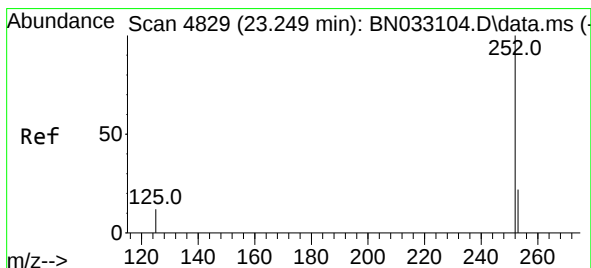
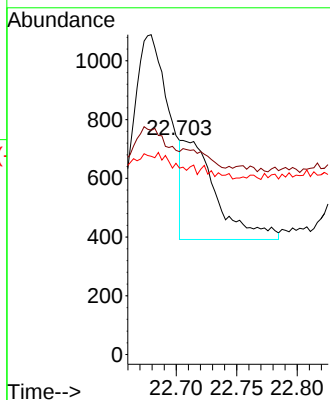
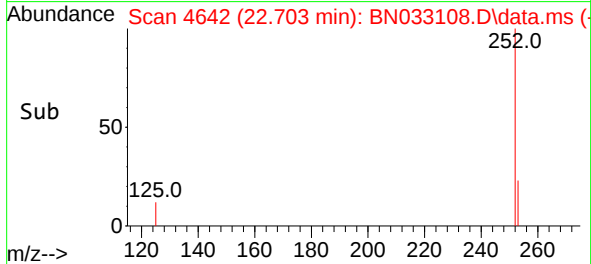
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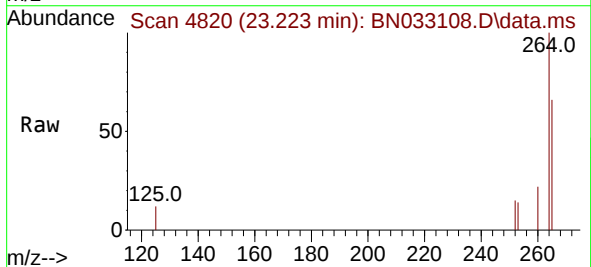
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Ion Ratio Lower Upper
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253 94.8 24.9 37.3#
125 87.1 20.9 31.3#

Manual Integrations
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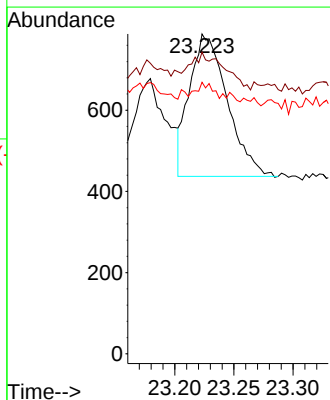
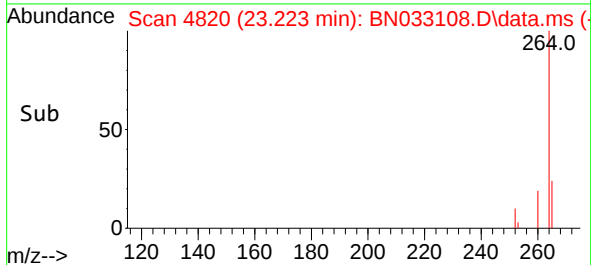
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

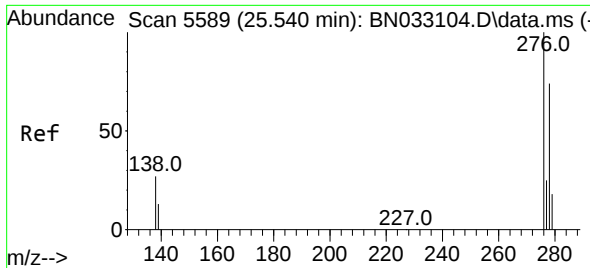


#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.223 min Scan# 4820
Delta R.T. -0.026 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15



Tgt Ion:252 Resp: 778
Ion Ratio Lower Upper
252 100
253 94.3 27.5 41.3#
125 84.9 27.0 40.6#





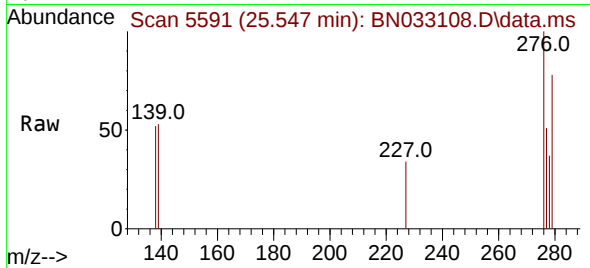
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 25.547 min Scan# 5589
Delta R.T. 0.007 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15

Instrument :

BNA_N

ClientSampleId :

C0AX6DL



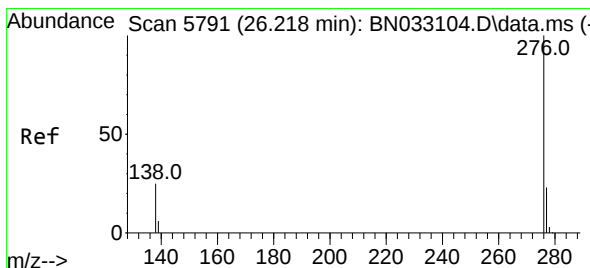
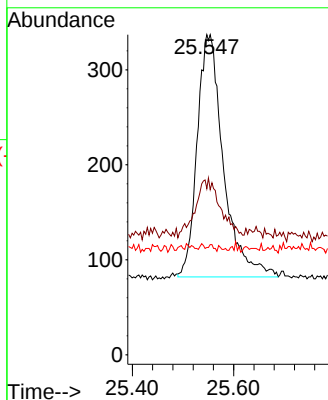
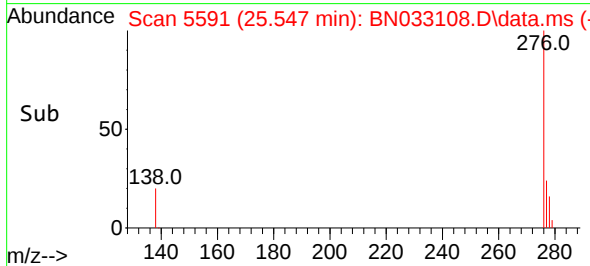
Tgt Ion:276 Resp: 919
Ion Ratio Lower Upper
276 100
138 25.1 21.8 32.8
227 0.4 0.2 0.2

Manual Integrations

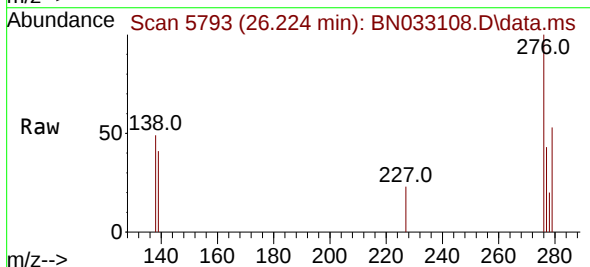
APPROVED

Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.224 min Scan# 5793
Delta R.T. 0.007 min
Lab File: BN033108.D
Acq: 30 Jul 2024 16:15



Tgt Ion:276 Resp: 1604
Ion Ratio Lower Upper
276 100
138 48.8 24.6 37.0#
277 42.8 22.6 34.0#

