

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033114.D
 Acq On : 30 Jul 2024 19:53
 Operator : MA/JU
 Sample : P3336-10DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E38DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 23:58:08 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	7.512	152	1675	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.278	136	6432	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.148	164	4029	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	16.920	188	8794	0.400	ng/ul	-0.02
17) Chrysene-d12	21.142	240	8467	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	8084m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1371	0.647	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	437	0.042	ng/ul	0.00
18) Fluoranthene-d10	18.963	212	1225	0.051	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.333	128	12556	0.760	ng/ul	96
7) 2-Methylnaphthalene	12.000	142	852	0.076	ng/ul	94
8) 1-Methylnaphthalene	12.203	142	391	0.032	ng/ul	100
10) Acenaphthylene	13.870	152	1260	0.076	ng/ul#	79
11) Acenaphthene	14.217	153	1445	0.117	ng/ul	97
12) Fluorene	15.221	166	2586	0.179	ng/ul	98
15) Phenanthrene	16.958	178	15161	0.643	ng/ul	99
16) Anthracene	17.055	178	2225	0.105	ng/ul#	86
19) Fluoranthene	18.991	202	10705	0.384	ng/ul	98
20) Pyrene	19.353	202	10595	0.354	ng/ul	97
21) Benzo(a)anthracene	21.131	228	7991	0.277	ng/ul	97
22) Chrysene	21.183	228	9247	0.274	ng/ul	99
24) Benzo(b)fluoranthene	22.671	252	14993m	0.635	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	5457m	0.193	ng/ul	
26) Benzo(a)pyrene	23.226	252	4478	0.201	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.544	276	5074	0.150	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.534	278	1239	0.046	ng/ul#	18
29) Benzo(g,h,i)perylene	26.218	276	4687	0.175	ng/ul	95

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

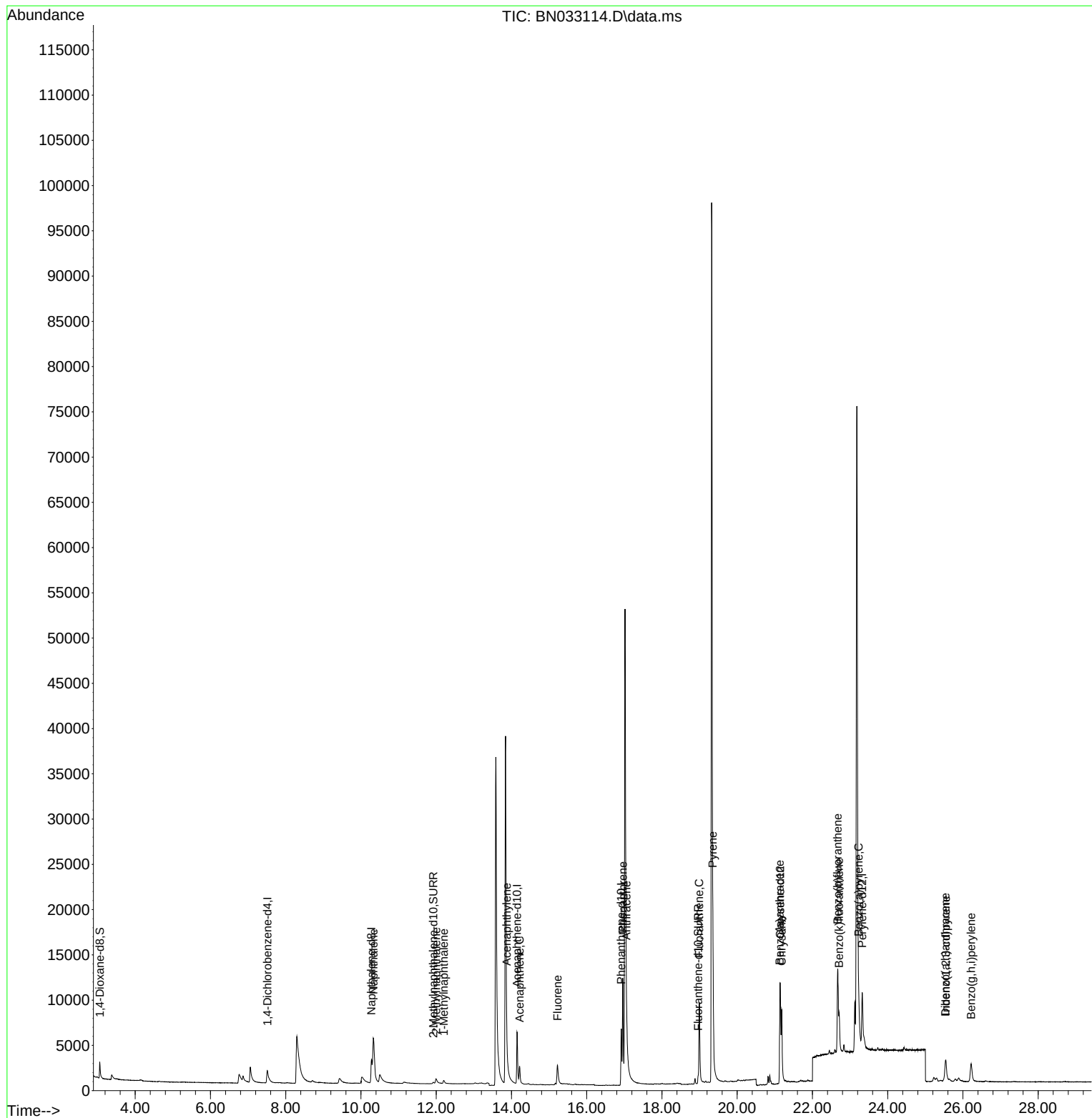
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033114.D
Acq On : 30 Jul 2024 19:53
Operator : MA/JU
Sample : P3336-10DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

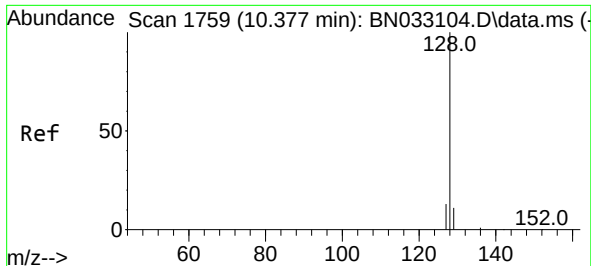
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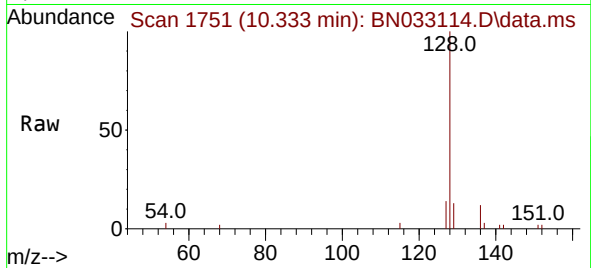
Quant Time: Jul 30 23:58:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.760 ng/ul
RT: 10.333 min Scan# 1751
Delta R.T. -0.044 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

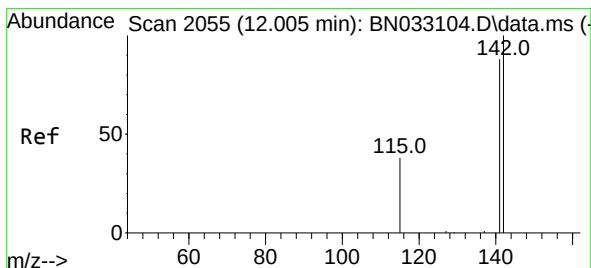
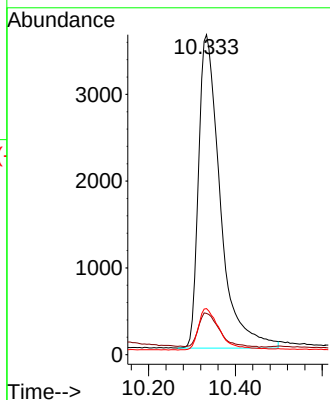
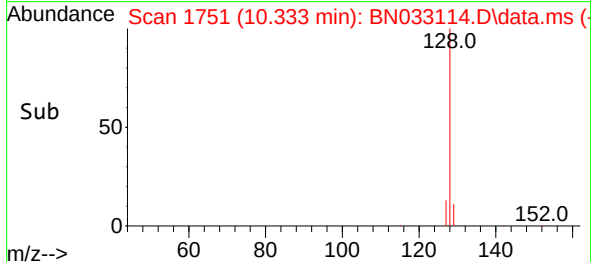
Instrument :
BNA_N
ClientSampleId :
F7E38DL



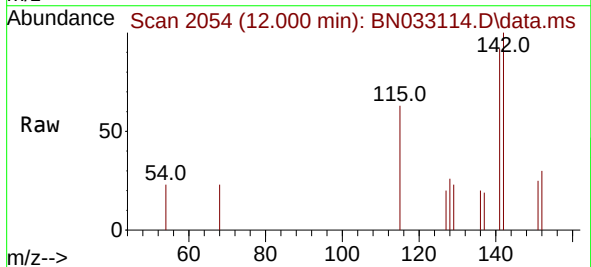
Tgt Ion:128 Resp: 12550
Ion Ratio Lower Upper
128 100
129 12.9 12.0 18.0
127 14.4 12.7 19.1

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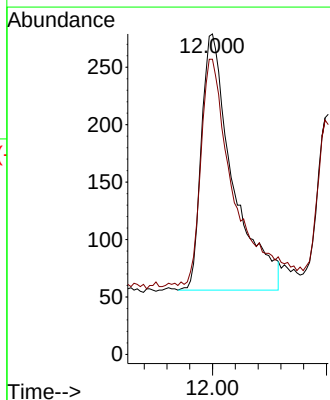
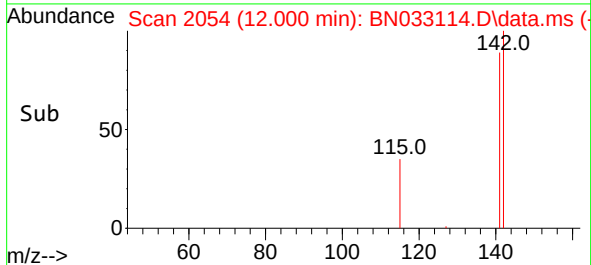
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

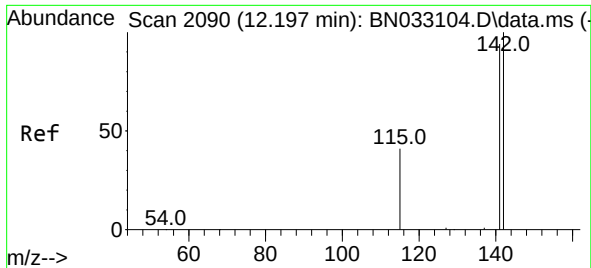


#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.005 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53



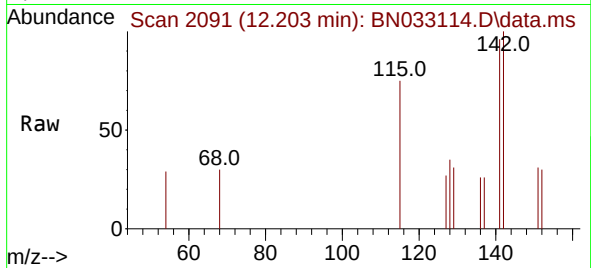
Tgt Ion:142 Resp: 852
Ion Ratio Lower Upper
142 100
141 88.6 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

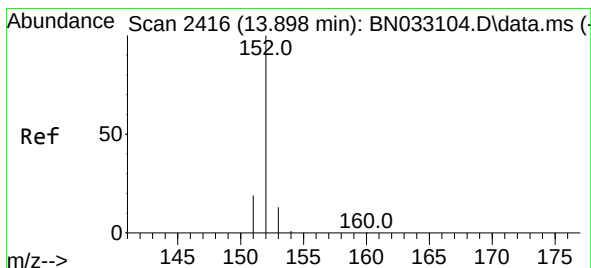
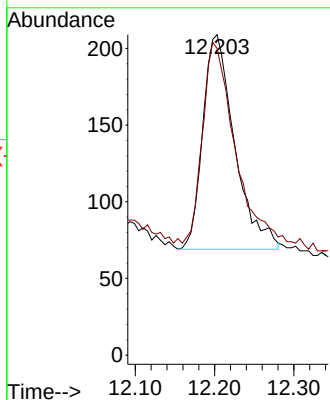
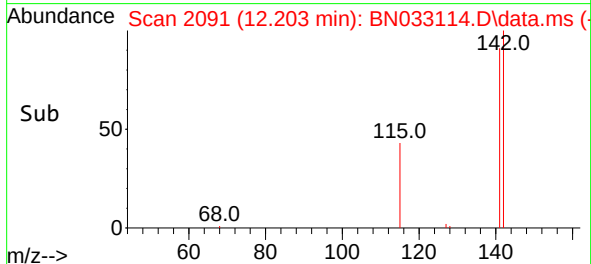
Instrument :
BNA_N
ClientSampleId :
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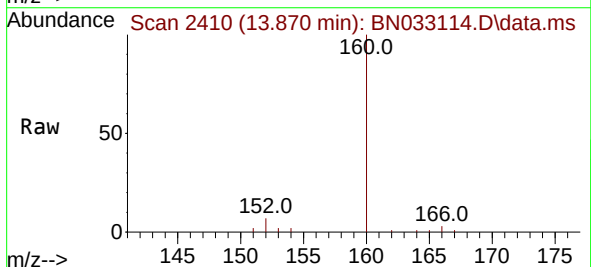
Tgt Ion:142 Resp: 391
Ion Ratio Lower Upper
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141 92.8 74.3 111.5

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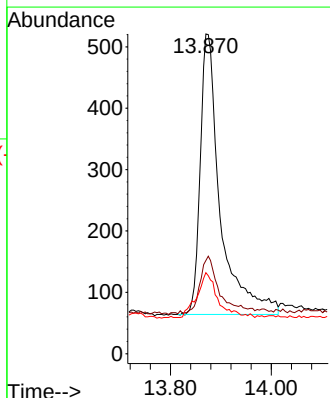
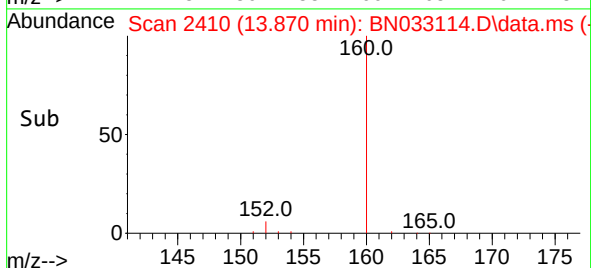
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

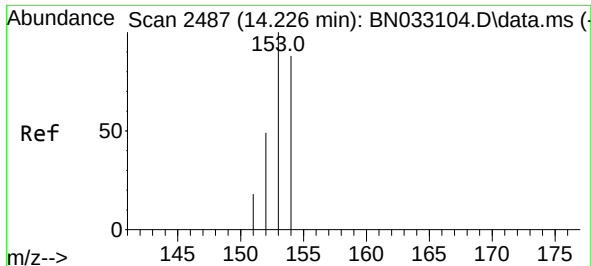


#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 13.870 min Scan# 2410
Delta R.T. -0.028 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53



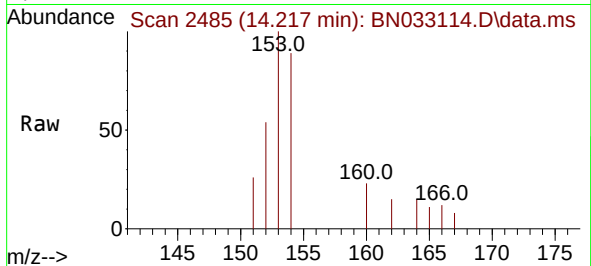
Tgt Ion:152 Resp: 1260
Ion Ratio Lower Upper
152 100
151 29.2 16.8 25.2#
153 25.3 11.9 17.9#





#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

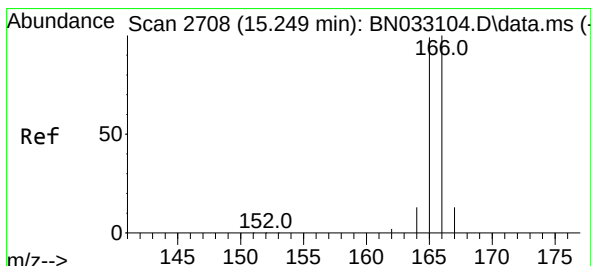
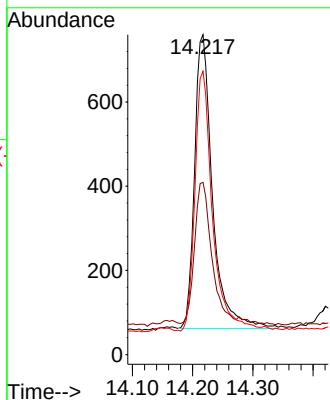
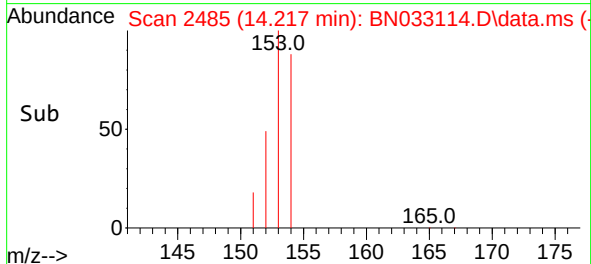
Instrument :
BNA_N
ClientSampleId :
F7E38DL



Tgt Ion:153 Resp: 1449
Ion Ratio Lower Upper
153 100
152 53.8 40.0 60.0
154 88.6 70.1 105.1

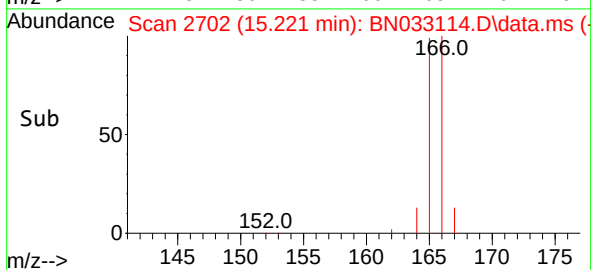
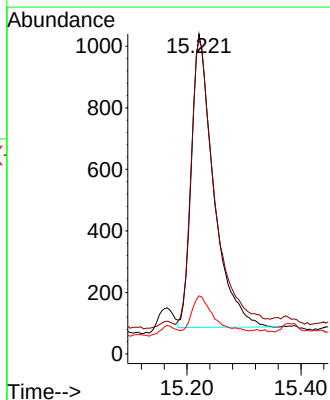
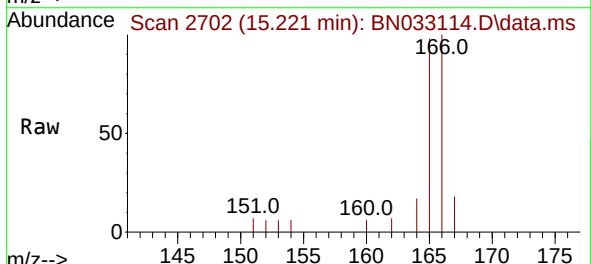
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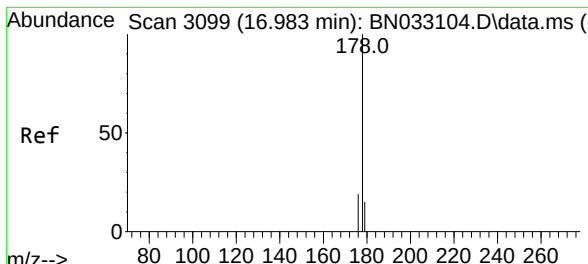
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 0.179 ng/ul
RT: 15.221 min Scan# 2702
Delta R.T. -0.028 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

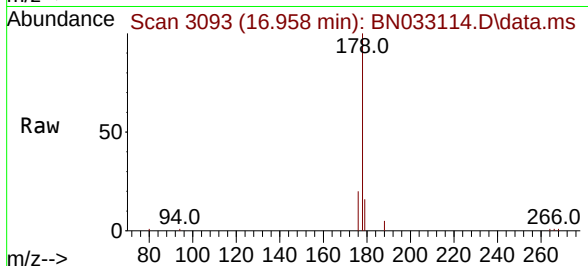
Tgt Ion:166 Resp: 2586
Ion Ratio Lower Upper
166 100
165 97.9 79.6 119.4
167 18.2 12.2 18.4





#15
 Phenanthrene
 Concen: 0.643 ng/u1
 RT: 16.958 min Scan# 3093
 Delta R.T. -0.025 min
 Lab File: BN033114.D
 Acq: 30 Jul 2024 19:53

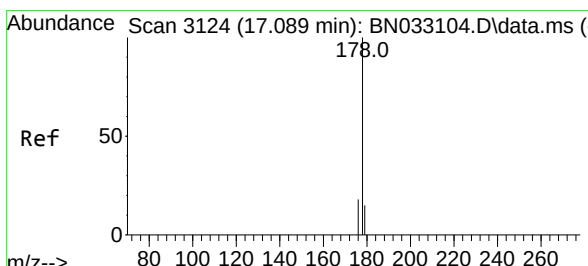
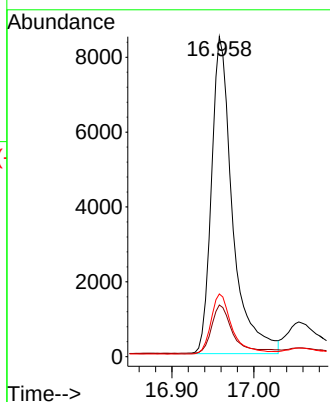
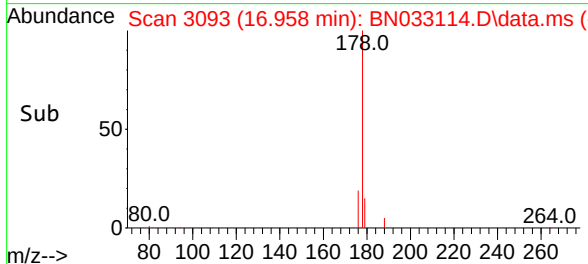
Instrument :
 BNA_N
 ClientSampleId :
 F7E38DL



Tgt Ion:178 Resp: 1516
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.7 20.5
 176 19.6 15.9 23.9

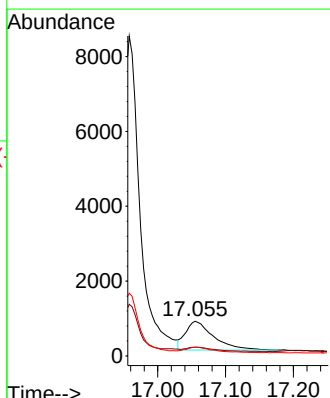
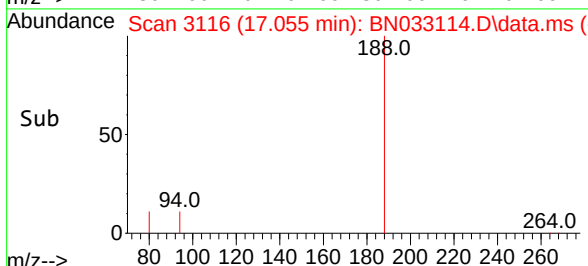
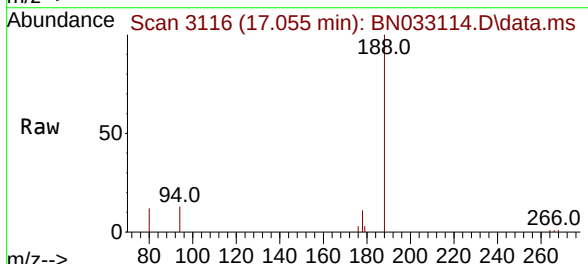
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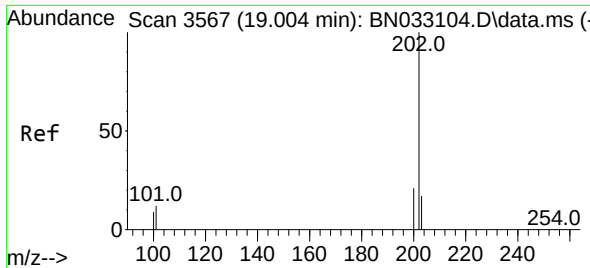
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024



#16
 Anthracene
 Concen: 0.105 ng/u1
 RT: 17.055 min Scan# 3116
 Delta R.T. -0.034 min
 Lab File: BN033114.D
 Acq: 30 Jul 2024 19:53

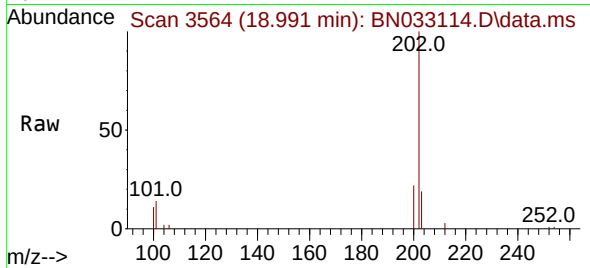
Tgt Ion:178 Resp: 2225
 Ion Ratio Lower Upper
 178 100
 179 25.1 14.3 21.5#
 176 24.9 15.8 23.8#





#19
Fluoranthene
Concen: 0.384 ng/u1
RT: 18.991 min Scan# 3567
Delta R.T. -0.014 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

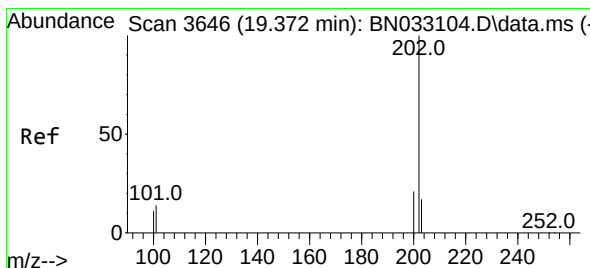
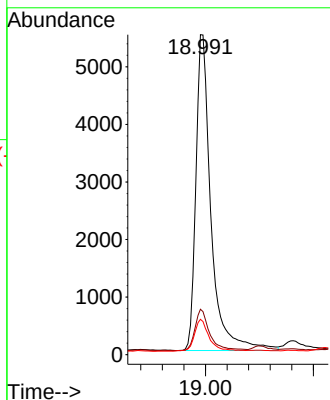
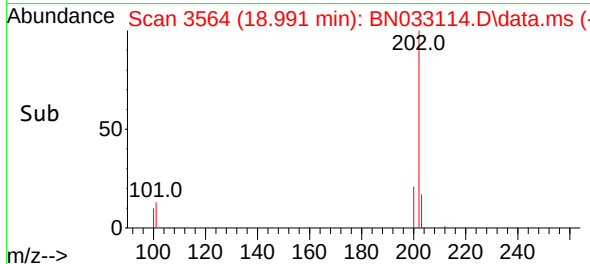
Instrument :
BNA_N
ClientSampleId :
F7E38DL



Tgt Ion:202 Resp: 10708
Ion Ratio Lower Upper
202 100
101 14.2 10.7 16.1
100 11.0 8.3 12.5

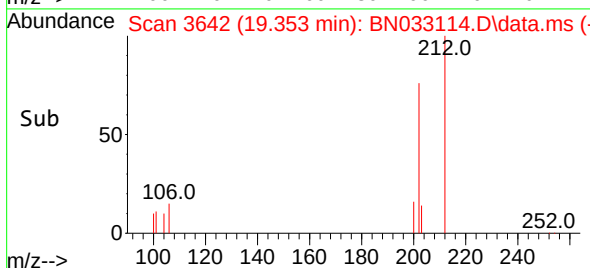
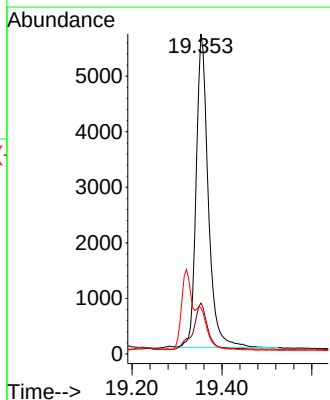
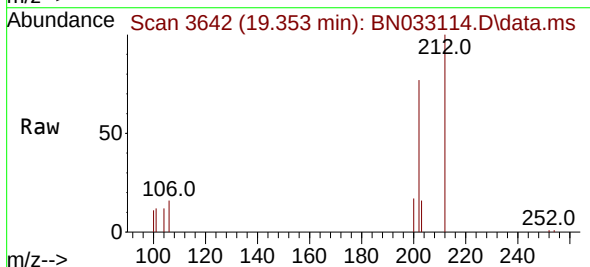
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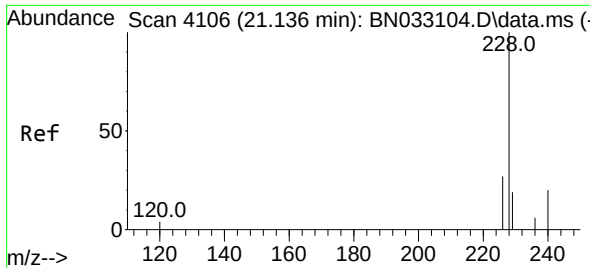
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 0.354 ng/u1
RT: 19.353 min Scan# 3642
Delta R.T. -0.018 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

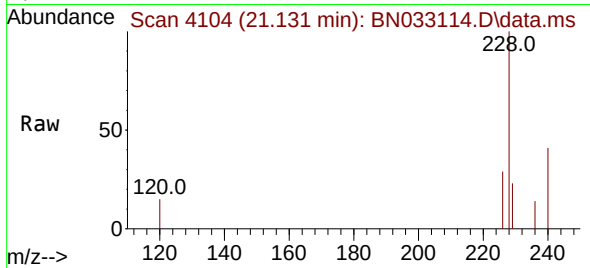
Tgt Ion:202 Resp: 10595
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 14.4 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.277 ng/ul
RT: 21.131 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

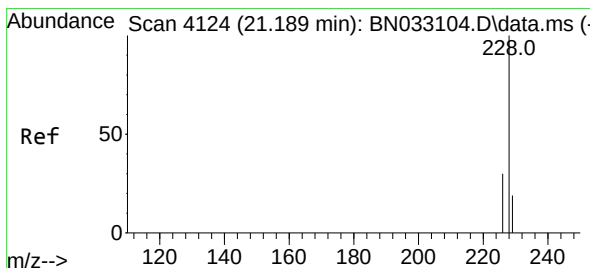
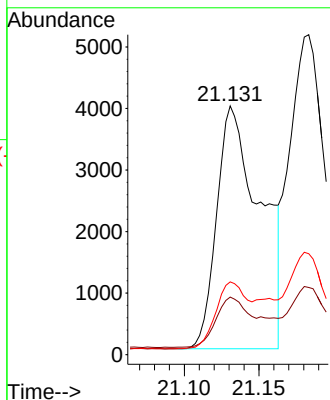
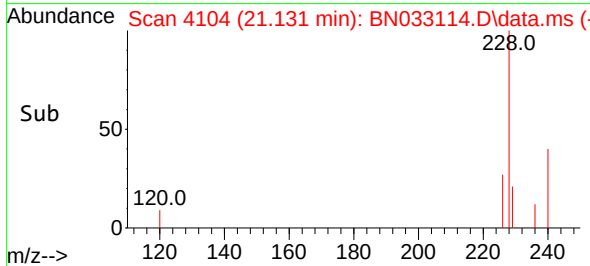
Instrument :
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F7E38DL



Tgt Ion:228 Resp: 799
Ion Ratio Lower Upper
228 100
229 23.1 17.1 25.7
226 29.3 22.4 33.6

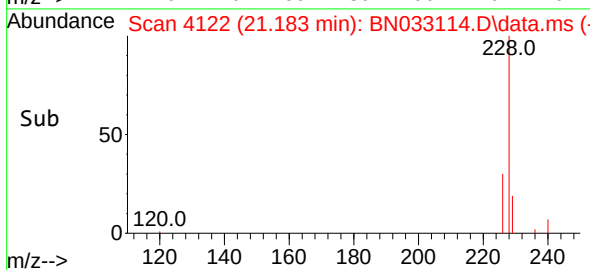
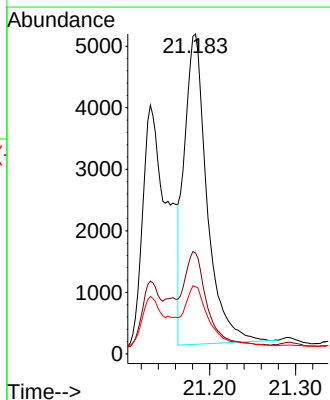
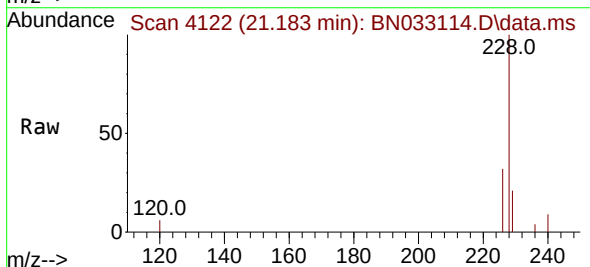
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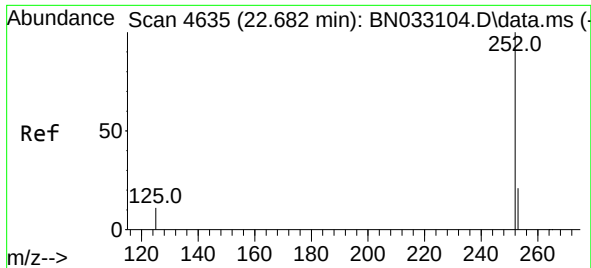
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 0.274 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

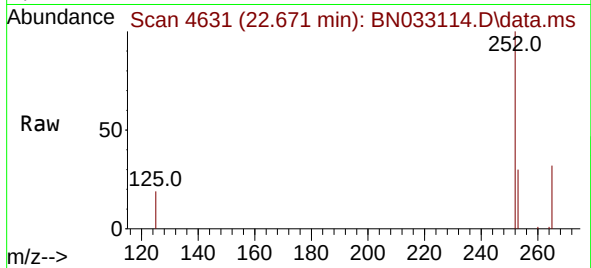
Tgt Ion:228 Resp: 9247
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 21.0 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.635 ng/ul m
RT: 22.671 min Scan# 4631
Delta R.T. -0.012 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

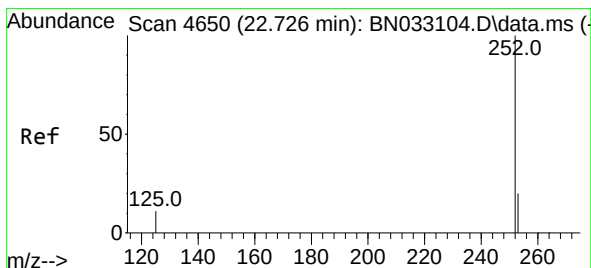
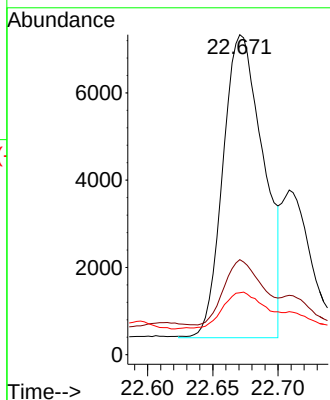
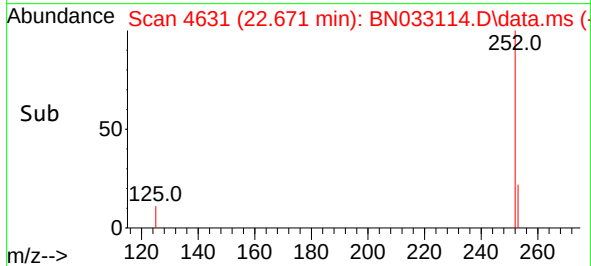
Instrument :
BNA_N
ClientSampleId :
F7E38DL



Tgt Ion:252 Resp: 1499
Ion Ratio Lower Upper
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253 29.7 0.0 60.6
125 19.4 0.0 51.0

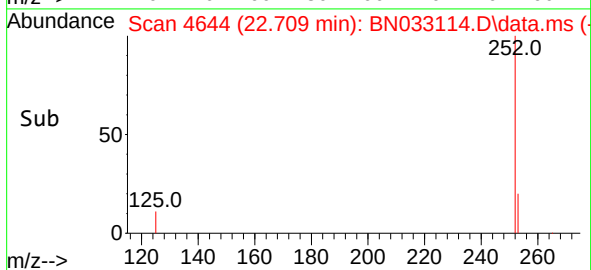
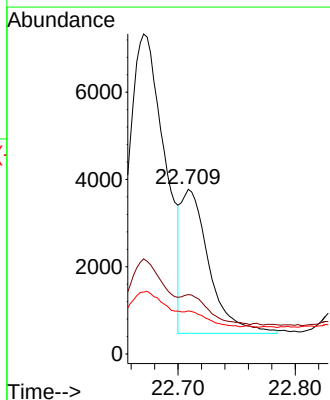
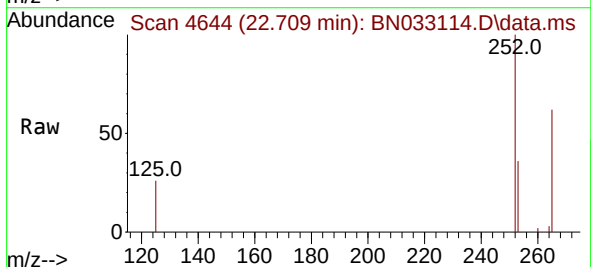
Manual Integrations
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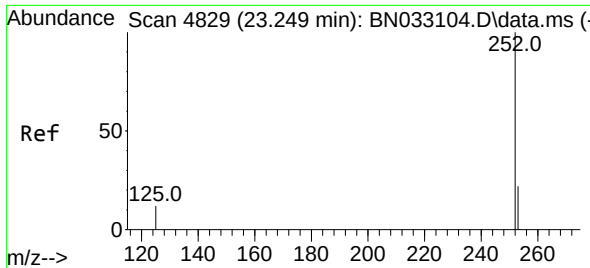
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 0.193 ng/ul m
RT: 22.709 min Scan# 4644
Delta R.T. -0.017 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

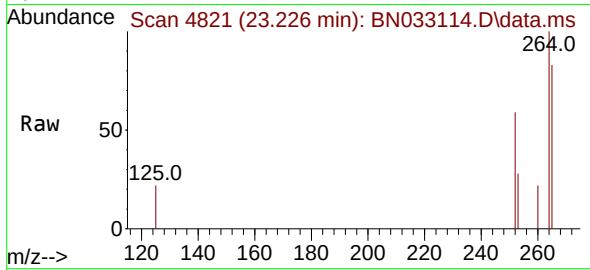
Tgt Ion:252 Resp: 5457
Ion Ratio Lower Upper
252 100
253 36.1 24.9 37.3
125 26.2 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.201 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.023 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

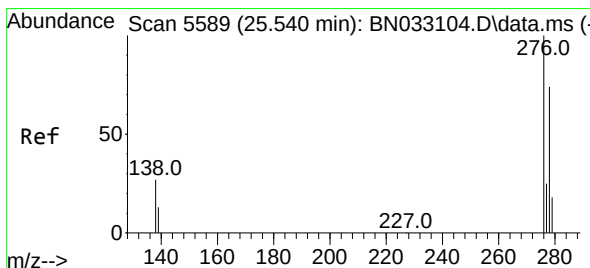
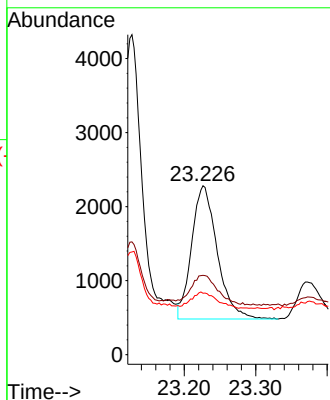
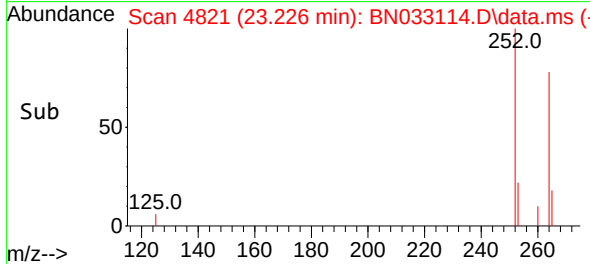
Instrument :
BNA_N
ClientSampleId :
F7E38DL



Tgt Ion:252 Resp: 4478
Ion Ratio Lower Upper
252 100
253 47.0 27.5 41.3
125 36.4 27.0 40.6

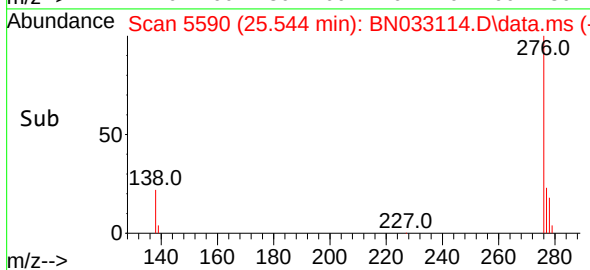
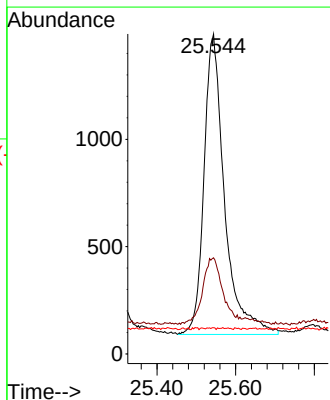
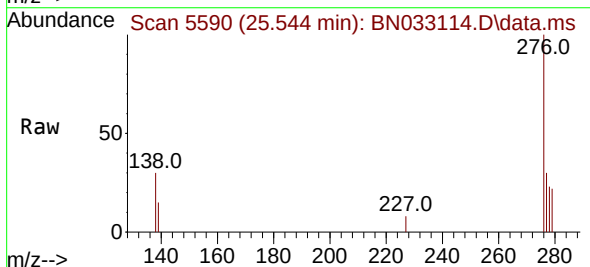
Manual Integrations
APPROVED

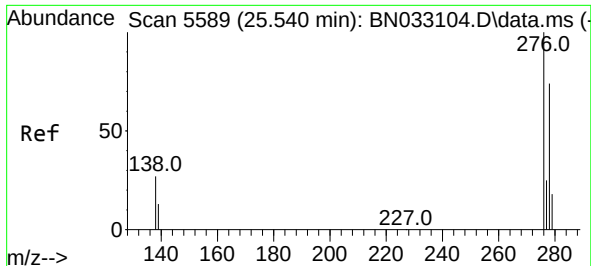
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 25.544 min Scan# 5590
Delta R.T. 0.004 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

Tgt Ion:276 Resp: 5074
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
227 0.1 0.2 0.2





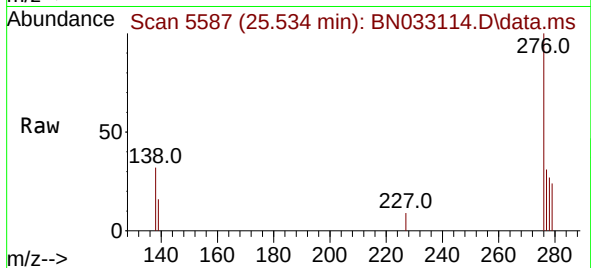
#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 25.534 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

Instrument :

BNA_N

ClientSampleId :

F7E38DL



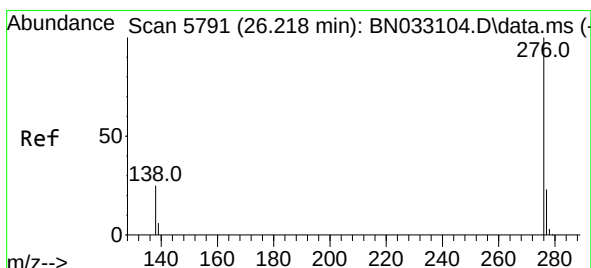
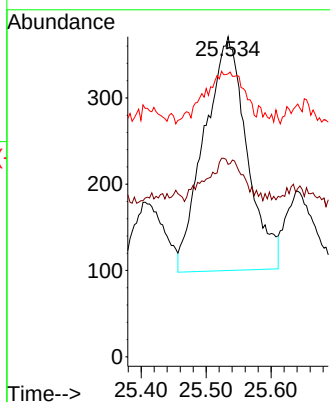
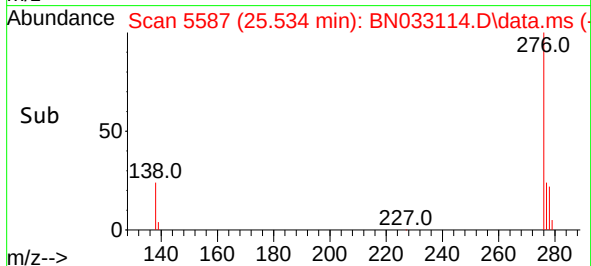
Tgt Ion:278 Resp: 1239
Ion Ratio Lower Upper
278 100
139 60.1 22.5 33.7
279 88.4 25.5 38.3

Manual Integrations

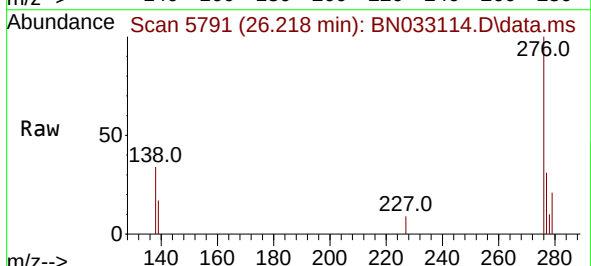
APPROVED

Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 26.218 min Scan# 5791
Delta R.T. 0.000 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53



Tgt Ion:276 Resp: 4687
Ion Ratio Lower Upper
276 100
138 33.8 24.6 37.0
277 30.5 22.6 34.0

