

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026630.D
 Acq On : 21 Jul 2023 15:48
 Operator : MA/JU
 Sample : 03472-32
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 19:02:35 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	2509	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	8506	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.471	164	5315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	14382	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	10395	0.400	ng/ul	# 0.00
23) Perylene-d12	23.795	264	9673	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	4734	1.433	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	3861	0.334	ng/ul	-0.02
18) Fluoranthene-d10	19.245	212	10657	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	477	0.153	ng/ul#	1
5) Naphthalene	10.680	128	14492	0.620	ng/ul	99
7) 2-Methylnaphthalene	12.296	142	4549	0.343	ng/ul	98
8) 1-Methylnaphthalene	12.516	142	4007	0.282	ng/ul	100
10) Acenaphthylene	14.189	152	16093	0.618	ng/ul	99
11) Acenaphthene	14.531	153	15481	0.781	ng/ul	99
12) Fluorene	15.517	166	19954	0.959	ng/ul	99
14) Pentachlorophenol	16.881	266	167	0.046	ng/ul	92
15) Phenanthrene	17.257	178	322860	7.049	ng/ul	97
16) Anthracene	17.350	178	54905	1.381	ng/ul	96
19) Fluoranthene	19.278	202	585336	12.013	ng/ul	99
20) Pyrene	19.640	202	223813	4.230	ng/ul	97
21) Benzo(a)anthracene	21.399	228	229692	6.013	ng/ul	99
22) Chrysene	21.451	228	227379	5.229	ng/ul	99
24) Benzo(b)fluoranthene	23.070	252	238236m	6.322	ng/ul	
25) Benzo(k)fluoranthene	23.117	252	96925m	2.454	ng/ul	
26) Benzo(a)pyrene	23.687	252	24882	0.742	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.240	276	37355	0.849	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.247	278	24692	0.732	ng/ul#	91
29) Benzo(g,h,i)perylene	27.005	276	1682	0.043	ng/ul#	26

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

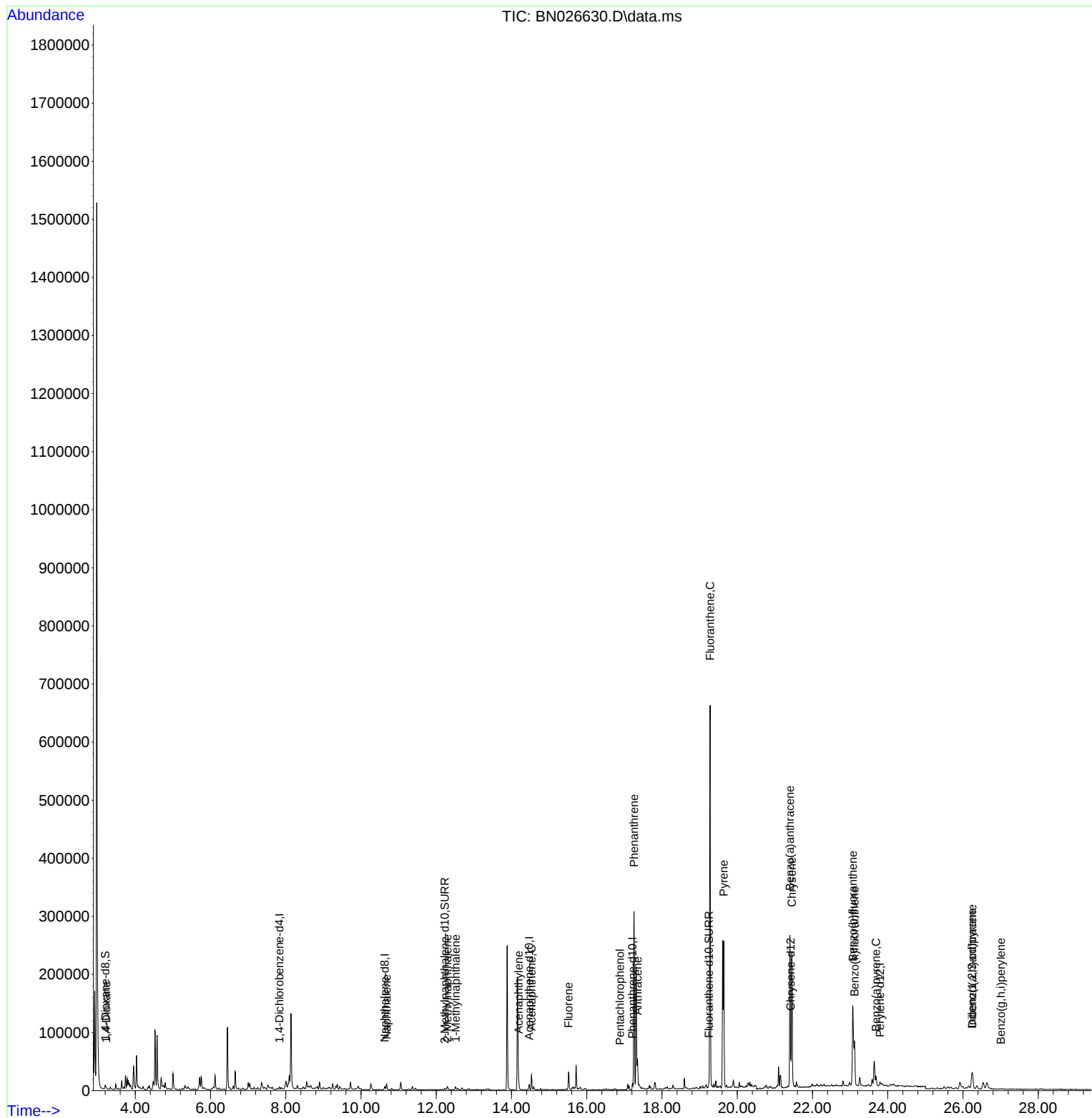
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026630.D
Acq On : 21 Jul 2023 15:48
Operator : MA/JU
Sample : 03472-32
Misc :
ALS Vial : 41 Sample Multiplier: 1

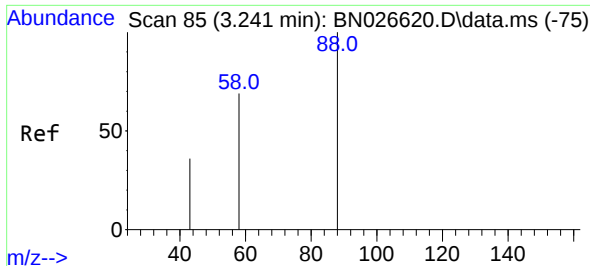
Instrument :
BNA_N
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A46S7

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Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

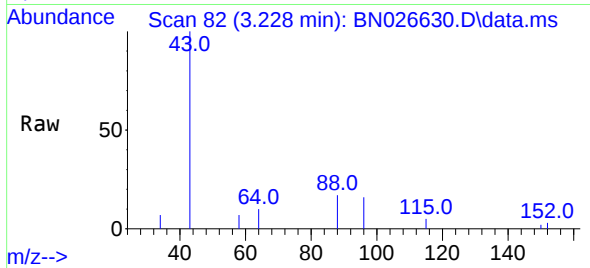
Quant Time: Jul 21 19:02:35 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.153 ng/ul
RT: 3.228 min Scan# 81
Delta R.T. -0.013 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

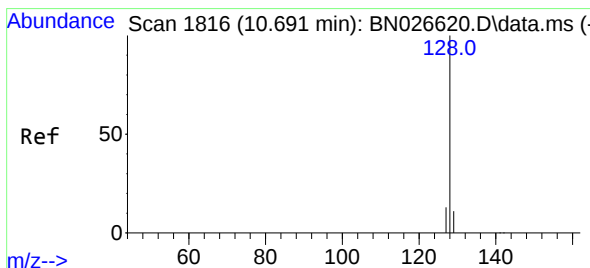
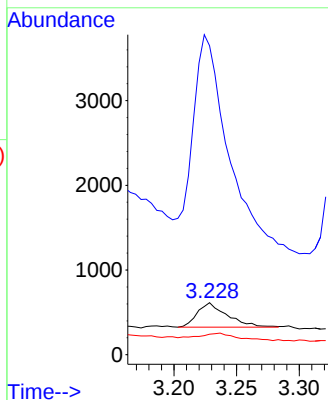
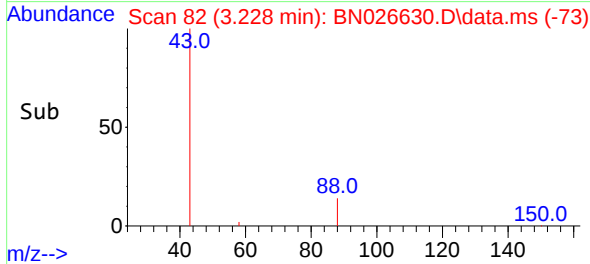
Instrument :
BNA_N
ClientSampleId :
A46S7



Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 593.3 33.0 49.6
58 39.5 41.7 62.5

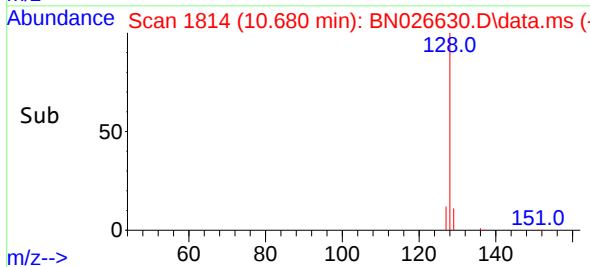
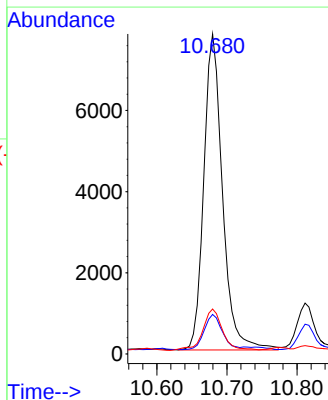
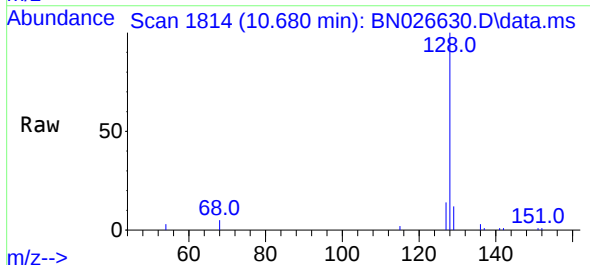
Manual Integrations
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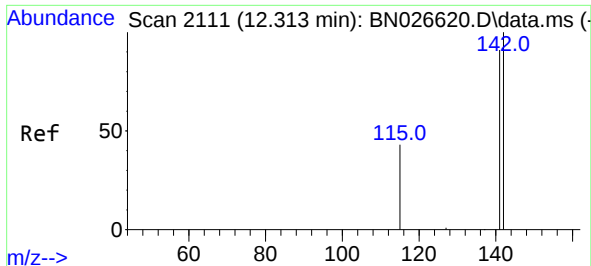
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#5
Naphthalene
Concen: 0.620 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

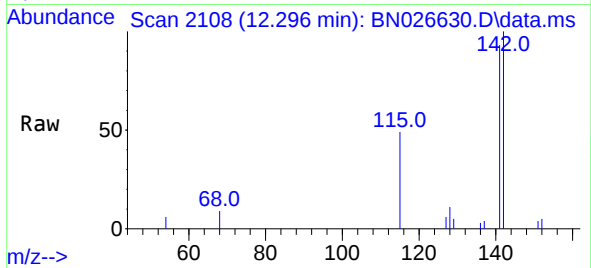
Tgt Ion:128 Resp: 14492
Ion Ratio Lower Upper
128 100
129 12.4 10.2 15.2
127 14.0 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.296 min Scan# 2111
Delta R.T. -0.017 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

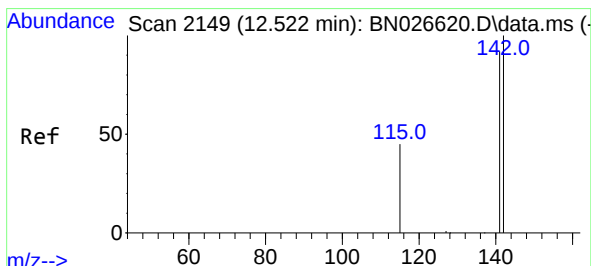
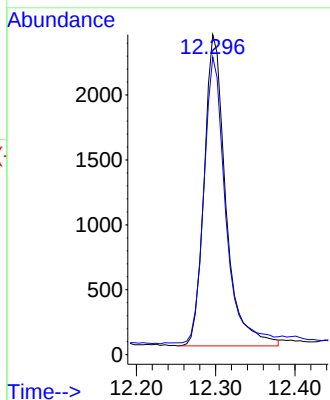
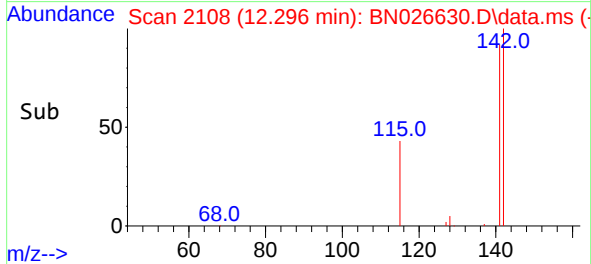
Instrument :
BNA_N
ClientSampleId :
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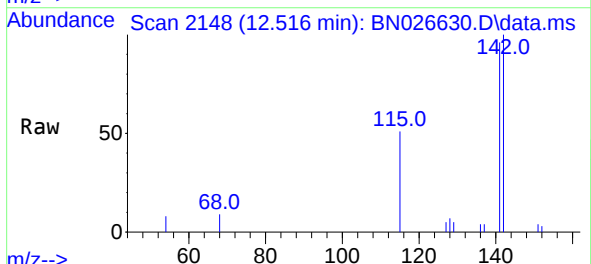
Tgt Ion:142 Resp: 4549
Ion Ratio Lower Upper
142 100
141 92.5 72.3 108.5

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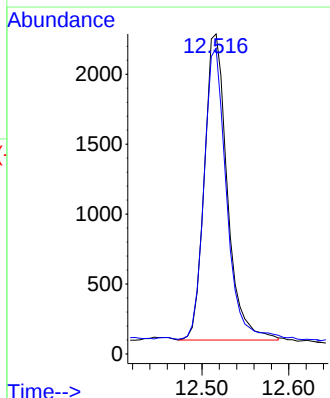
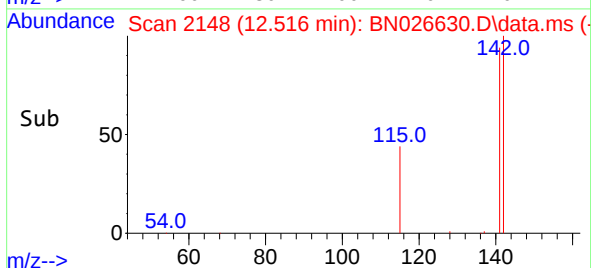
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

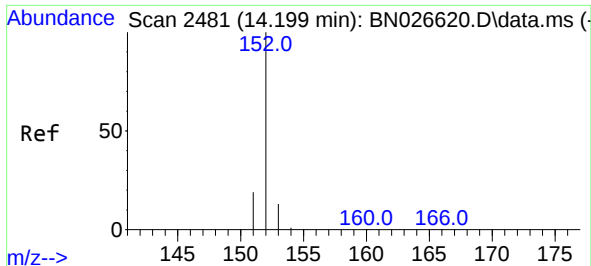


#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.516 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48



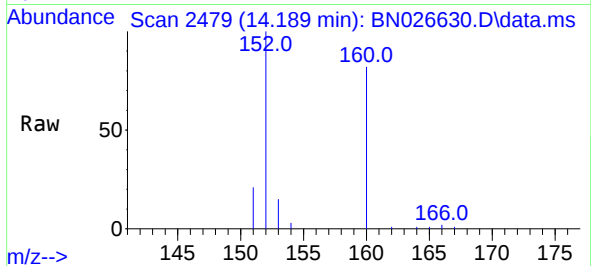
Tgt Ion:142 Resp: 4007
Ion Ratio Lower Upper
142 100
141 93.0 74.5 111.7





#10
Acenaphthylene
Concen: 0.618 ng/ul
RT: 14.189 min Scan# 2481
Delta R.T. -0.010 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

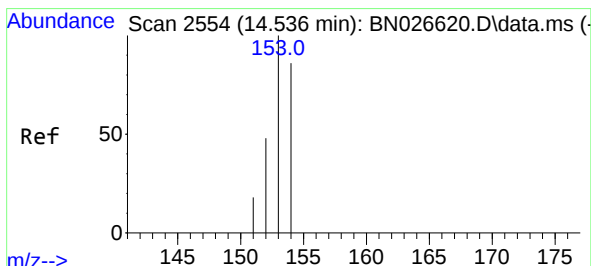
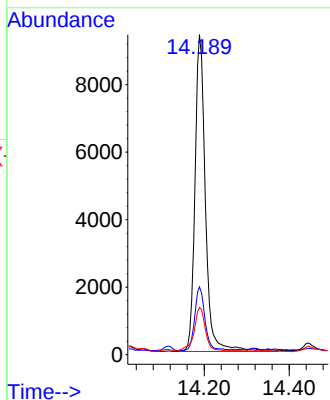
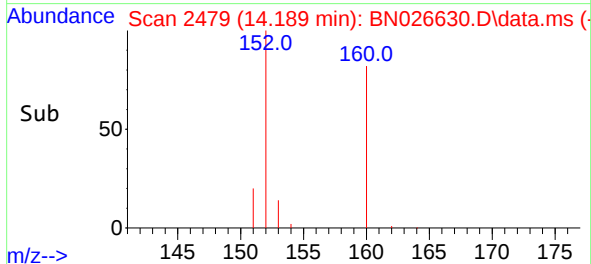
Instrument :
BNA_N
ClientSampleId :
A46S7



Tgt Ion:152 Resp: 1609
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6
153 14.8 11.4 17.2

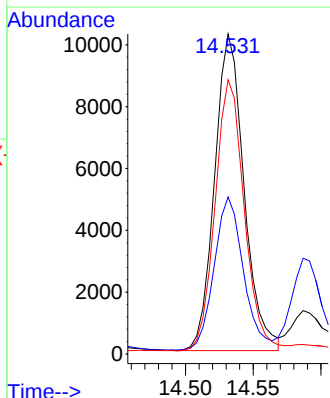
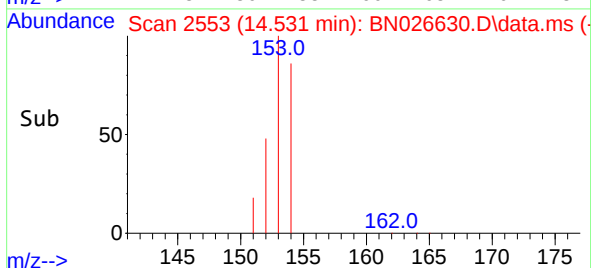
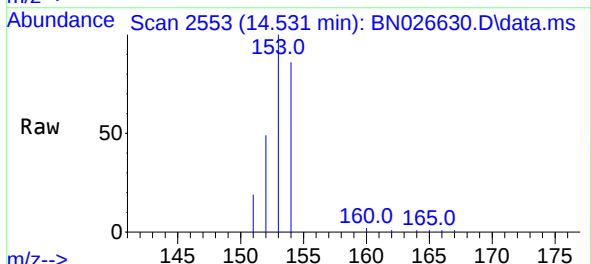
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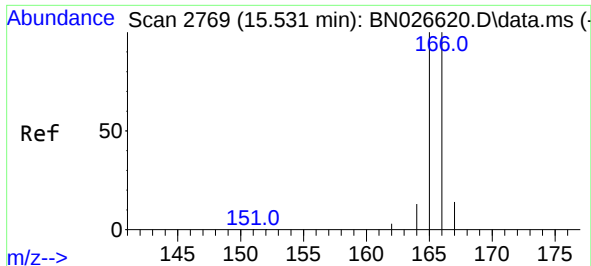
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#11
Acenaphthene
Concen: 0.781 ng/ul
RT: 14.531 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

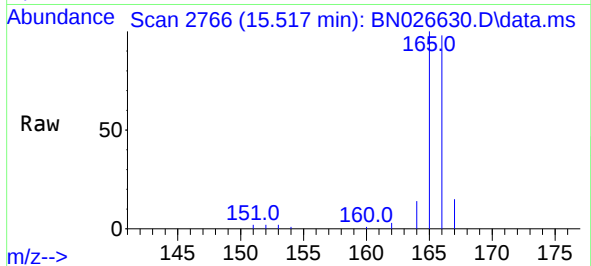
Tgt Ion:153 Resp: 15481
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 85.7 69.3 103.9





#12
Fluorene
Concen: 0.959 ng/ul
RT: 15.517 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

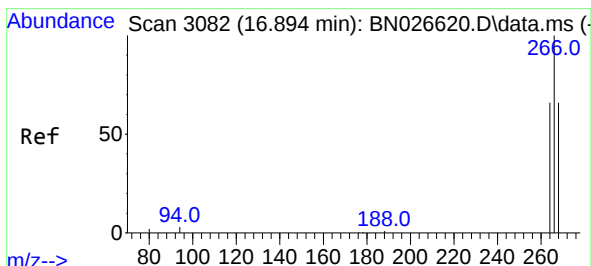
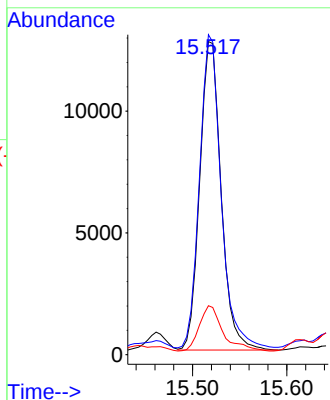
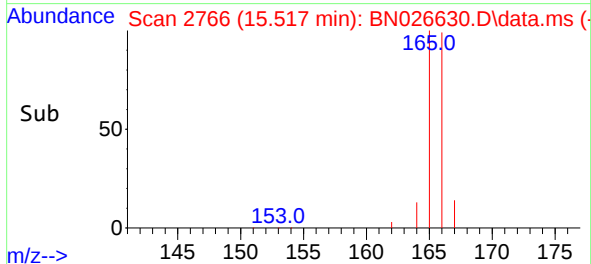
Instrument :
BNA_N
ClientSampleId :
A46S7



Tgt Ion:166 Resp: 19954
Ion Ratio Lower Upper
166 100
165 102.2 80.6 120.8
167 15.7 12.0 18.0

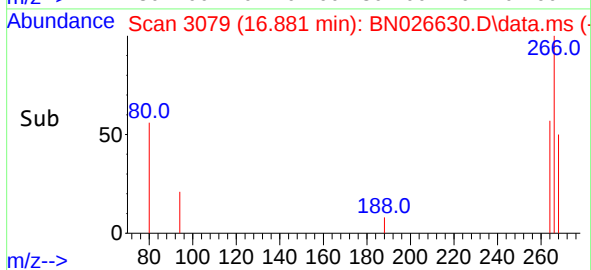
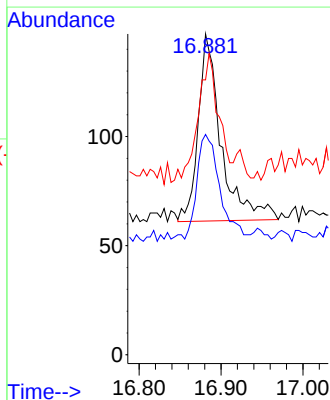
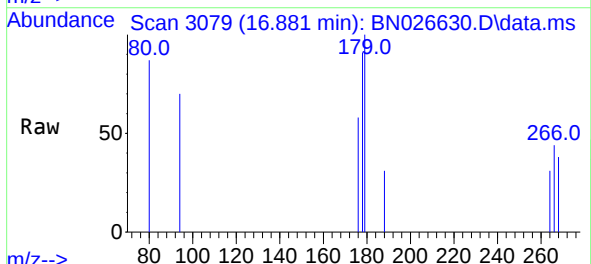
Manual Integrations
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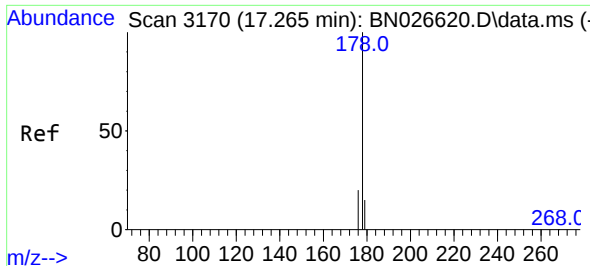
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#14
Pentachlorophenol
Concen: 0.046 ng/ul
RT: 16.881 min Scan# 3079
Delta R.T. -0.013 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

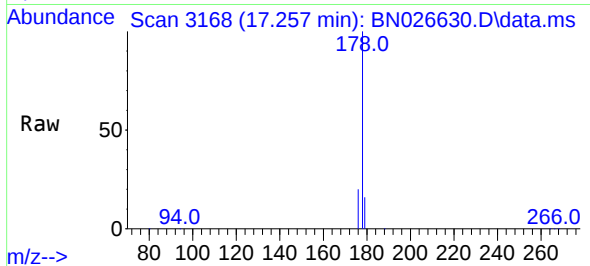
Tgt Ion:266 Resp: 167
Ion Ratio Lower Upper
266 100
264 57.5 52.0 78.0
268 60.5 53.0 79.6





#15
Phenanthrene
Concen: 7.049 ng/u1
RT: 17.257 min Scan# 3170
Delta R.T. -0.009 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

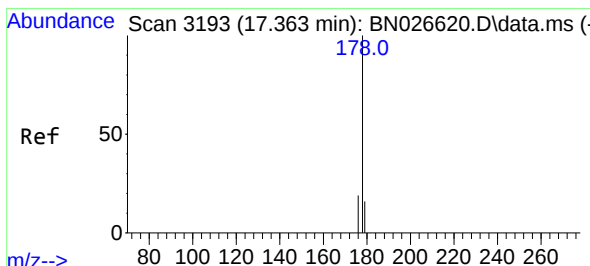
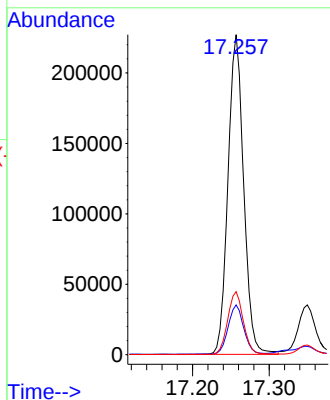
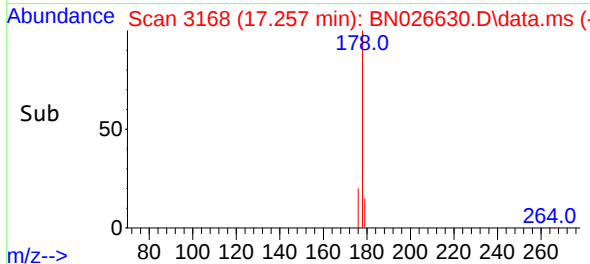
Instrument :
BNA_N
ClientSampleId :
A46S7



Tgt Ion:178 Resp: 322860
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.7 16.5 24.7

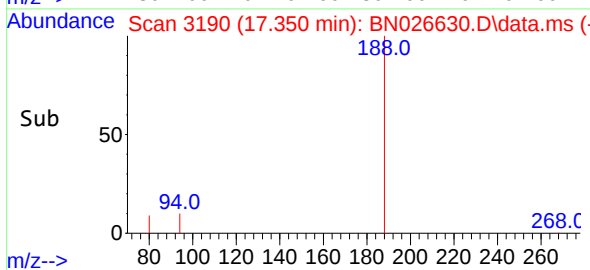
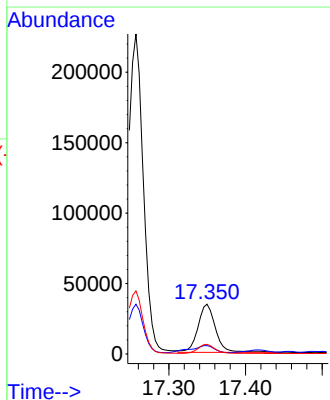
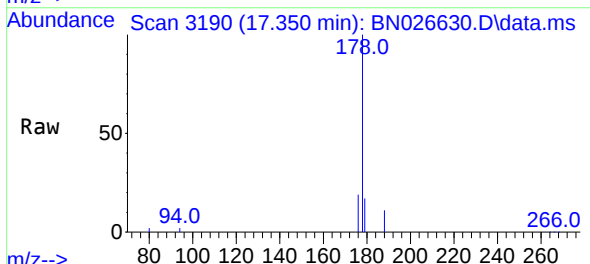
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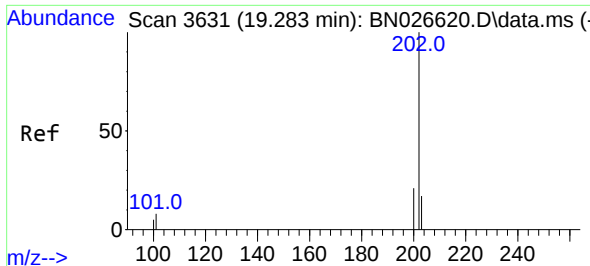
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#16
Anthracene
Concen: 1.381 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.013 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

Tgt Ion:178 Resp: 54905
Ion Ratio Lower Upper
178 100
179 16.6 14.8 22.2
176 19.3 16.6 25.0





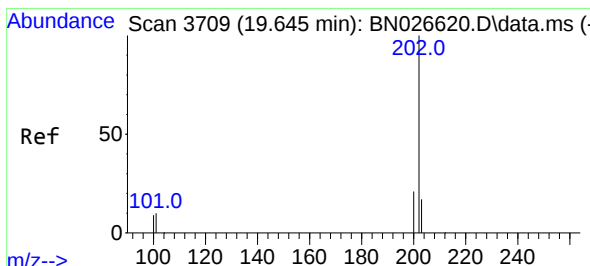
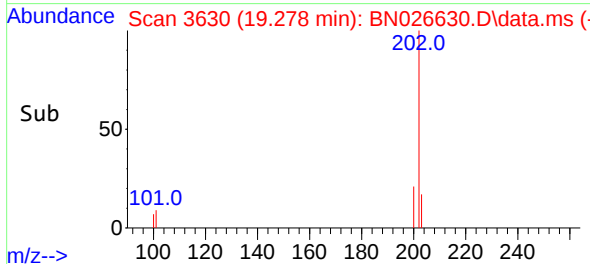
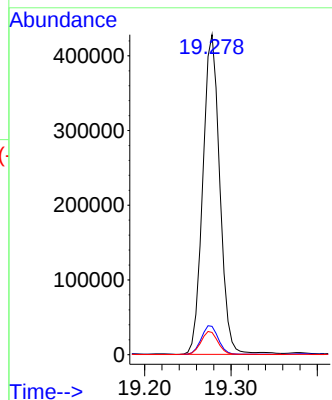
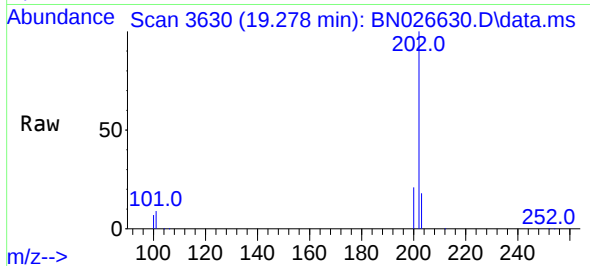
#19
Fluoranthene
Concen: 12.013 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

Instrument :
BNA_N
ClientSampleId :
A46S7

Tgt Ion:202 Resp: 585330
Ion Ratio Lower Upper
202 100
101 8.8 7.0 10.4
100 7.0 6.0 9.0

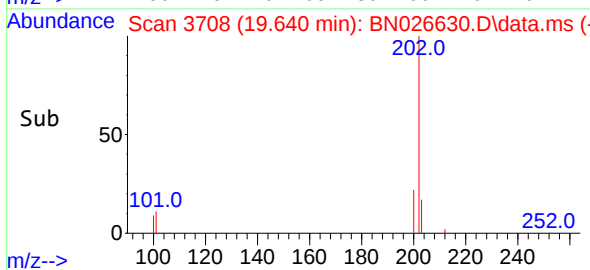
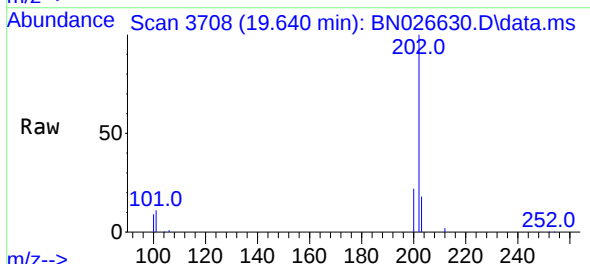
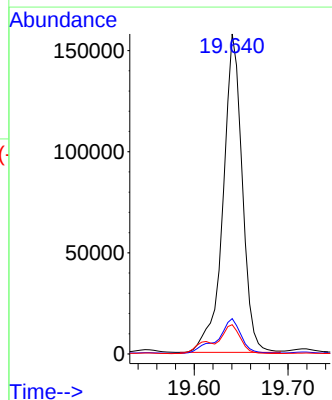
Manual Integrations
APPROVED

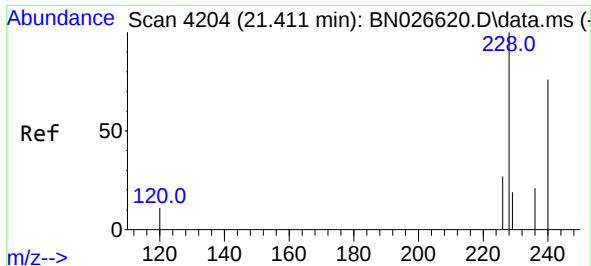
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 4.230 ng/u1
RT: 19.640 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

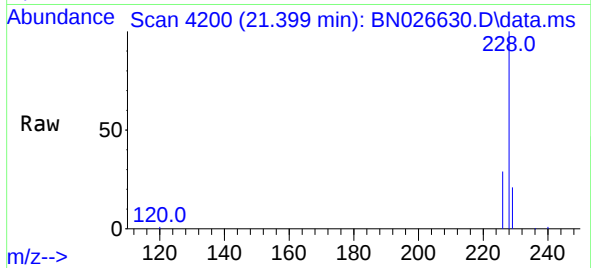
Tgt Ion:202 Resp: 223813
Ion Ratio Lower Upper
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101 11.1 8.0 12.0
100 9.2 6.2 9.2





#21
Benzo(a)anthracene
Concen: 6.013 ng/u1
RT: 21.399 min Scan# 4218
Delta R.T. -0.012 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

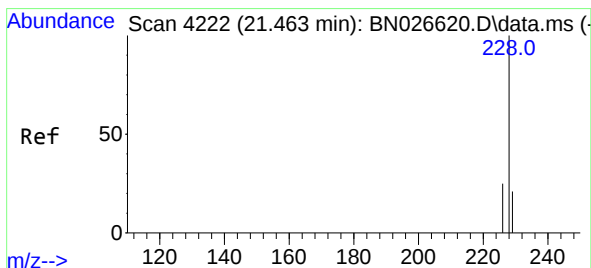
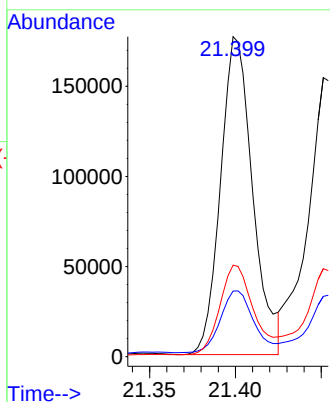
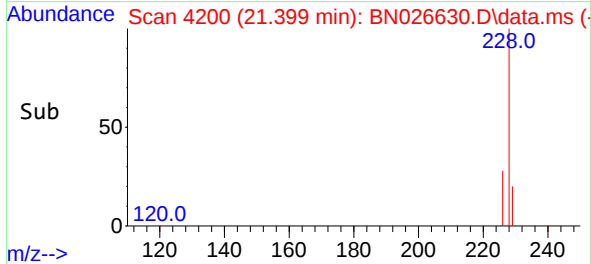
Instrument :
BNA_N
ClientSampleId :
A46S7



Tgt Ion:228 Resp: 229692
Ion Ratio Lower Upper
228 100
229 20.5 16.7 25.1
226 28.6 23.5 35.3

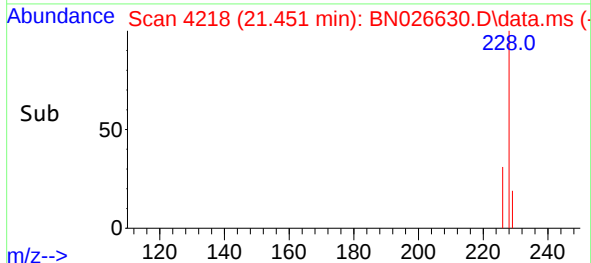
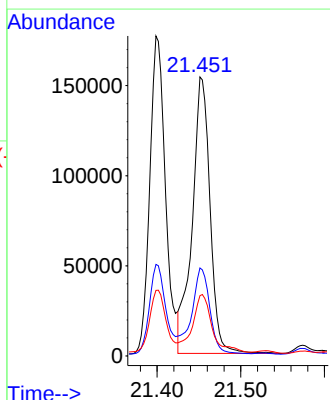
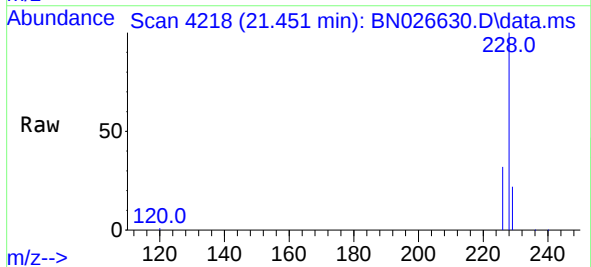
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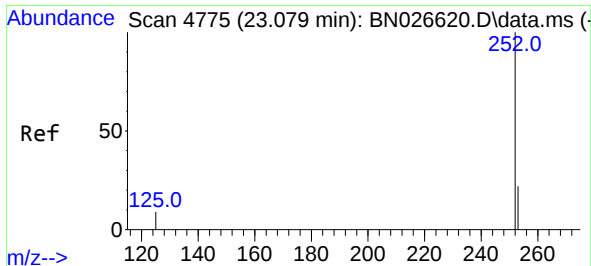
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#22
Chrysene
Concen: 5.229 ng/u1
RT: 21.451 min Scan# 4218
Delta R.T. -0.012 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

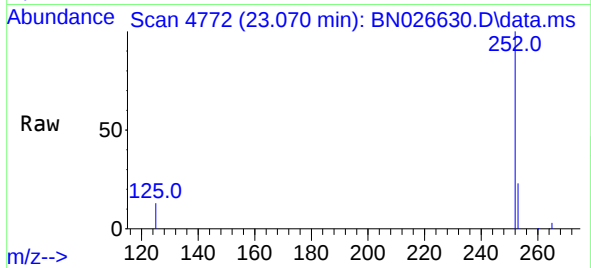
Tgt Ion:228 Resp: 227379
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 6.322 ng/ul m
RT: 23.070 min Scan# 4775
Delta R.T. -0.009 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

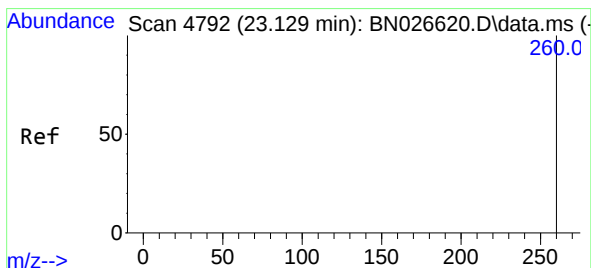
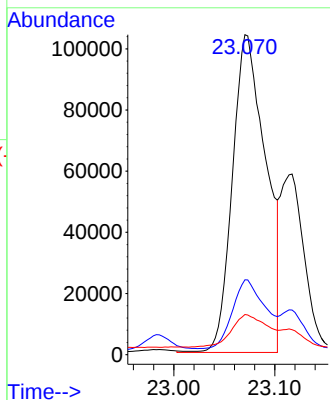
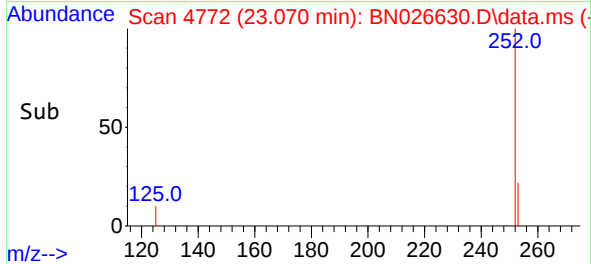
Instrument :
BNA_N
ClientSampleId :
A46S7



Tgt Ion:252 Resp: 238230
Ion Ratio Lower Upper
252 100
253 23.4 0.0 68.6
125 12.5 0.0 34.0

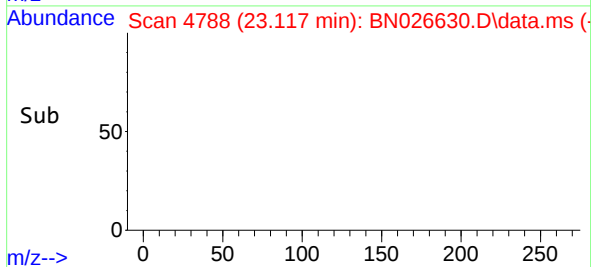
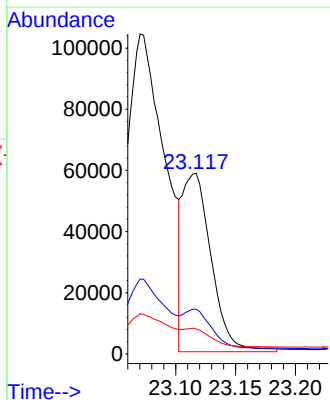
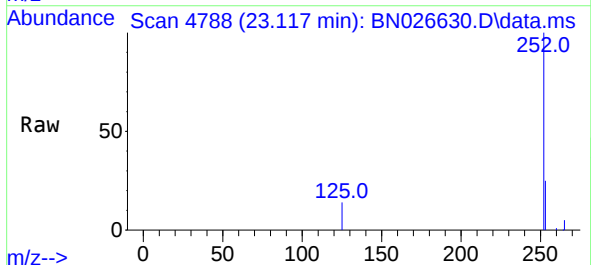
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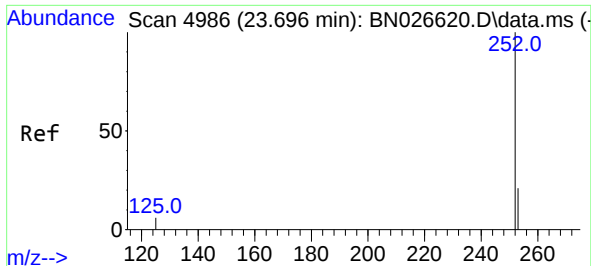
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#25
Benzo(k)fluoranthene
Concen: 2.454 ng/ul m
RT: 23.117 min Scan# 4788
Delta R.T. -0.012 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

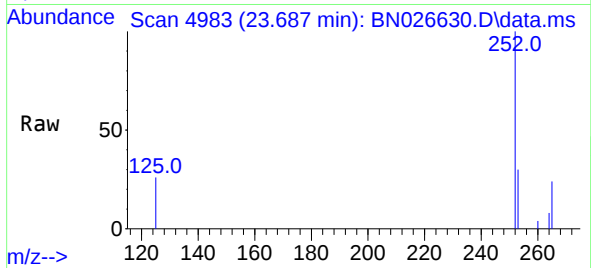
Tgt Ion:252 Resp: 96925
Ion Ratio Lower Upper
252 100
253 24.7 27.2 40.8#
125 13.8 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.742 ng/ul
RT: 23.687 min Scan# 4983
Delta R.T. -0.009 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

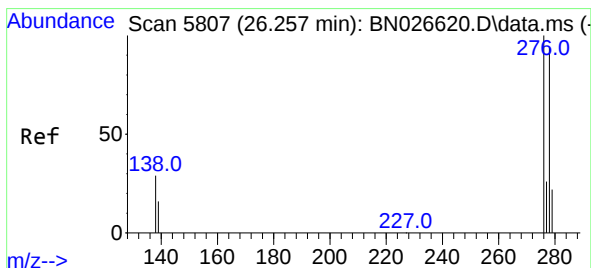
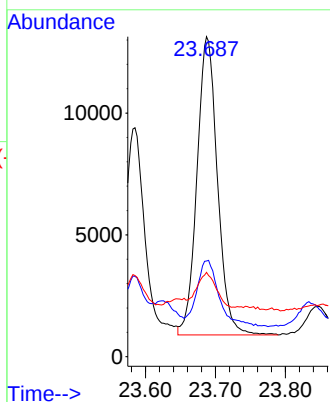
Instrument :
BNA_N
ClientSampleId :
A46S7



Tgt Ion:252 Resp: 2488
Ion Ratio Lower Upper
252 100
253 29.9 32.6 49.0
125 26.3 19.3 28.9

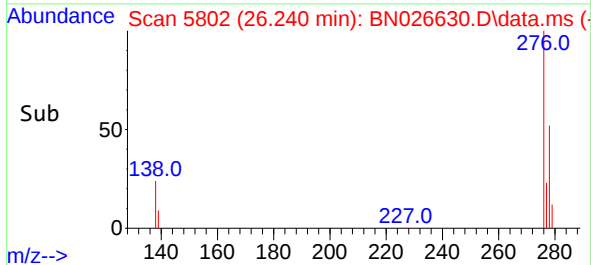
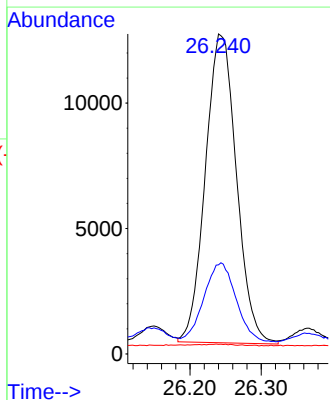
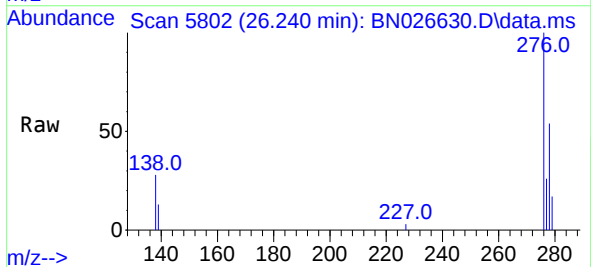
Manual Integrations
APPROVED

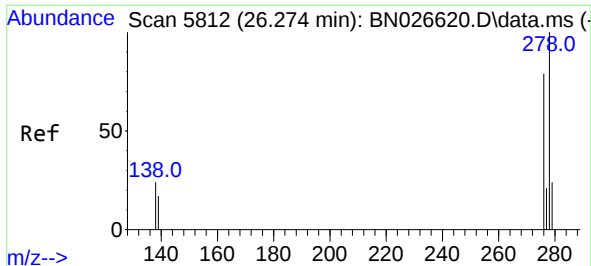
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.849 ng/ul
RT: 26.240 min Scan# 5802
Delta R.T. -0.018 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

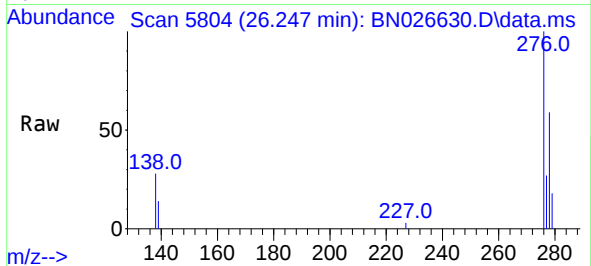
Tgt Ion:276 Resp: 37355
Ion Ratio Lower Upper
276 100
138 26.3 22.2 33.4
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.732 ng/ul
RT: 26.247 min Scan# 5812
Delta R.T. -0.028 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

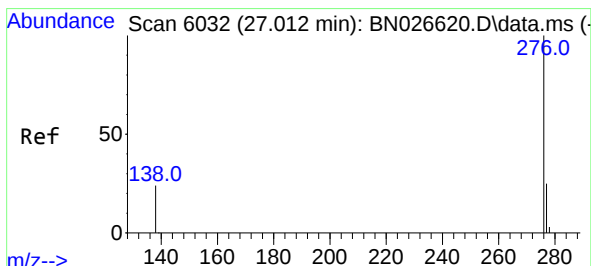
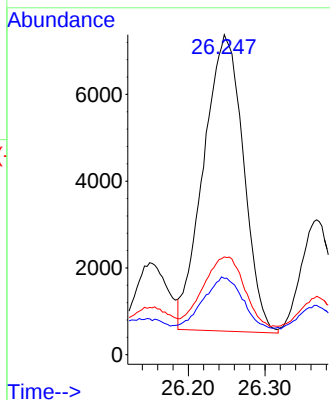
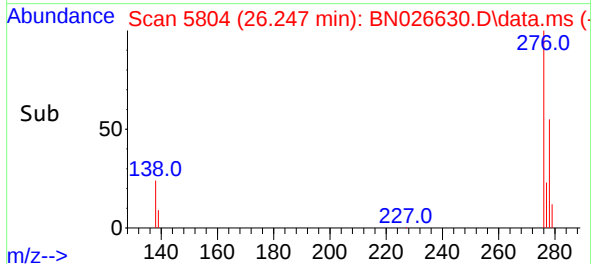
Instrument :
BNA_N
ClientSampleId :
A46S7



Tgt Ion:278 Resp: 24692
Ion Ratio Lower Upper
278 100
139 23.8 18.9 28.3
279 30.6 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 27.005 min Scan# 6030
Delta R.T. -0.007 min
Lab File: BN026630.D
Acq: 21 Jul 2023 15:48

Tgt Ion:276 Resp: 1682
Ion Ratio Lower Upper
276 100
138 71.4 22.6 34.0#
277 61.5 21.8 32.8#

