

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027884.D
 Acq On : 27 Sep 2023 05:21
 Operator : MA/JU
 Sample : 04472-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 05:57:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	6771	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	25101	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	16595	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	37202	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	35846	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	40828	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	8583	1.006	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3020	0.079	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	8938	0.082	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	29230	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	46182	1.015	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	25506	0.543	ng/ul	99
10) Acenaphthylene	14.328	152	3102	0.043	ng/ul#	75
11) Acenaphthene	14.670	153	4117	0.066	ng/ul#	78
12) Fluorene	15.651	166	6715	0.091	ng/ul#	93
15) Phenanthrene	17.396	178	213847	1.829	ng/ul	99
16) Anthracene	17.489	178	24155	0.247	ng/ul#	96
19) Fluoranthene	19.408	202	92660	0.639	ng/ul	97
20) Pyrene	19.776	202	95275	0.638	ng/ul	96
21) Benzo(a)anthracene	21.519	228	59390	0.428	ng/ul#	83
22) Chrysene	21.574	228	112707m	0.786	ng/ul	
24) Benzo(b)fluoranthene	23.243	252	108257m	0.595	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	31664m	0.180	ng/ul	
26) Benzo(a)pyrene	23.898	252	57865	0.395	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.603	276	49176	0.262	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.606	278	16677	0.110	ng/ul#	54
29) Benzo(g,h,i)perylene	27.418	276	57610	0.362	ng/ul	98

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

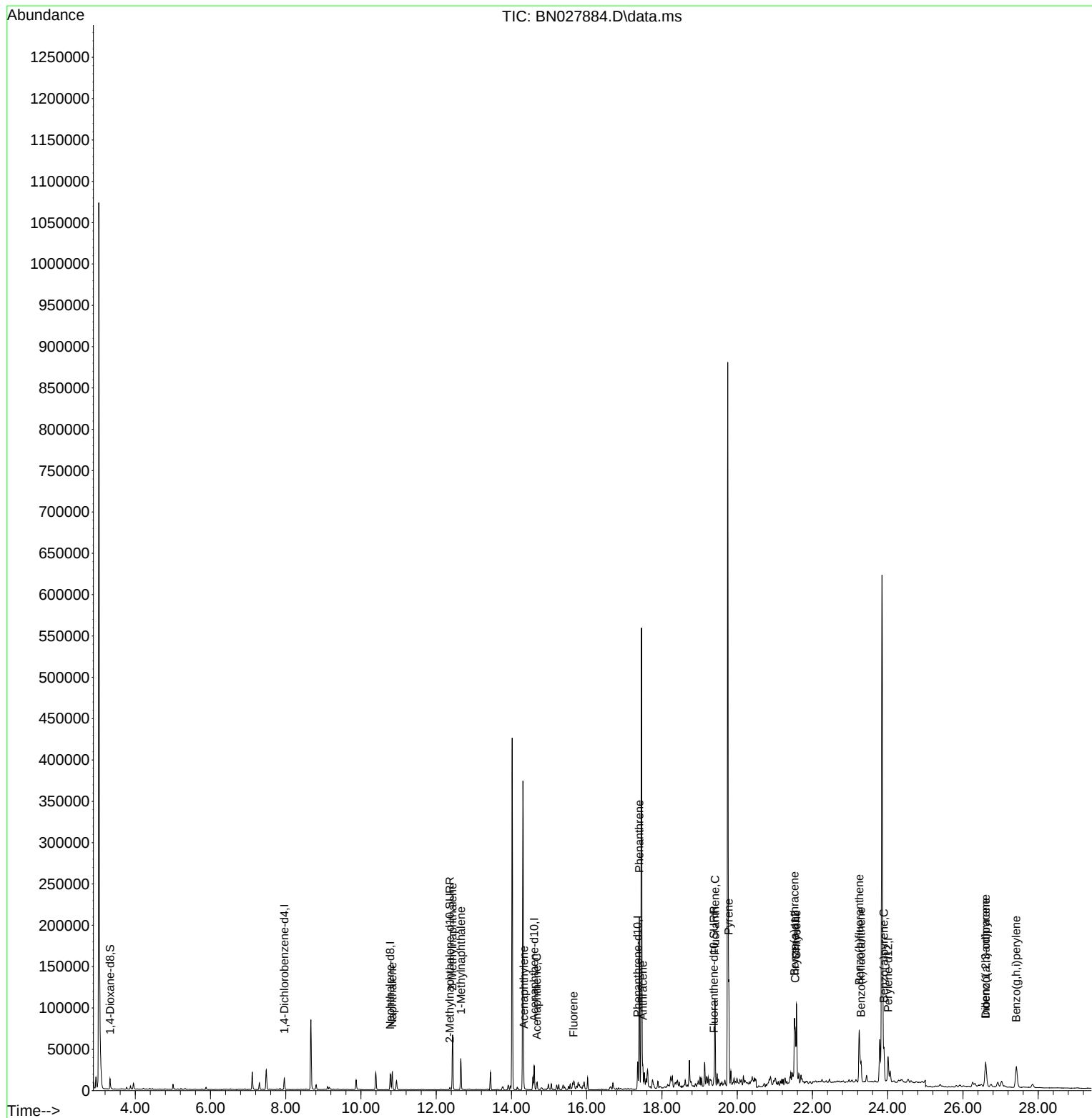
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027884.D
Acq On : 27 Sep 2023 05:21
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Sample : 04472-10
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ALS Vial : 34 Sample Multiplier: 1

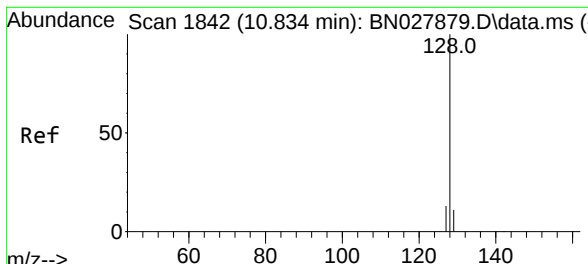
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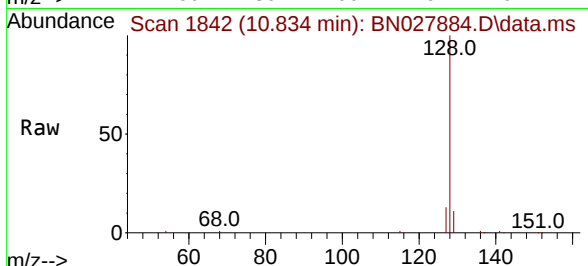
Quant Time: Sep 27 05:57:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

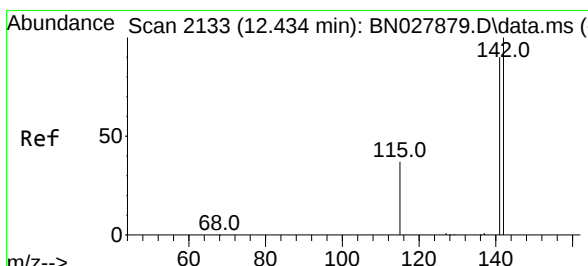
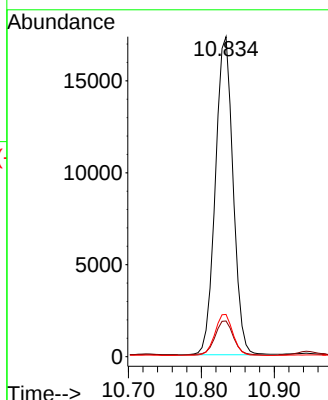
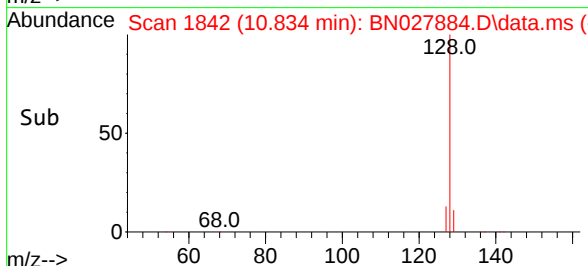
Instrument :
BNA_N
ClientSampleId :
EZYK8



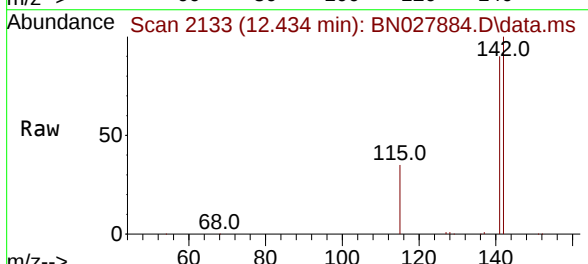
Tgt Ion:128 Resp: 29230
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.2 10.7 16.1

Manual Integrations
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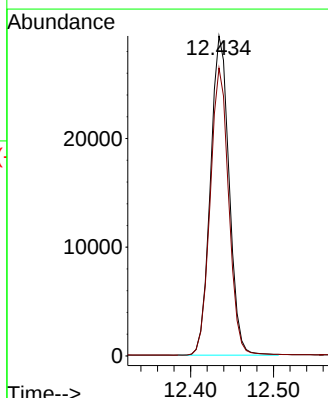
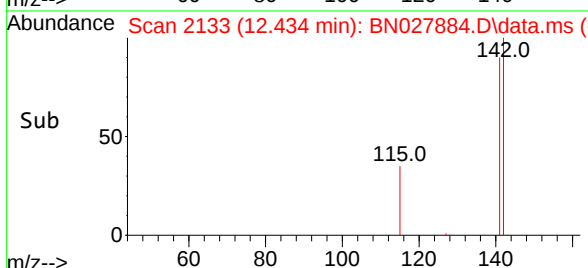
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

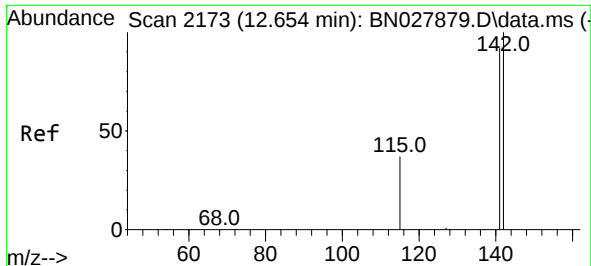


#7
2-Methylnaphthalene
Concen: 1.015 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21



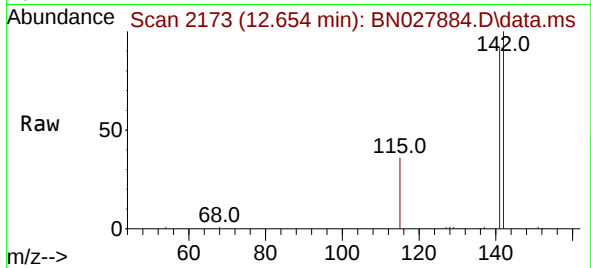
Tgt Ion:142 Resp: 46182
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.543 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

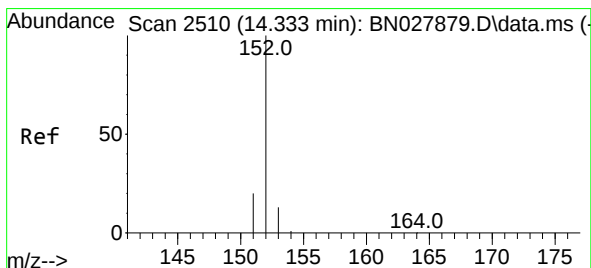
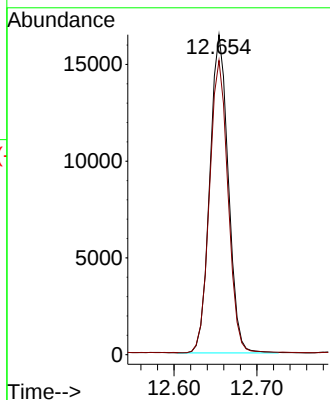
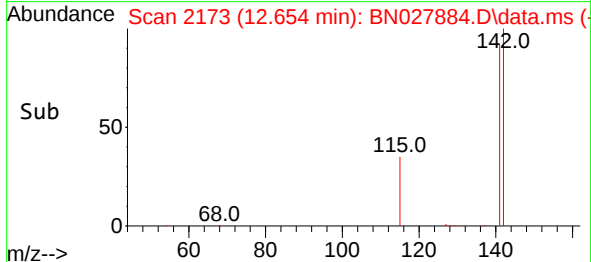
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:142 Resp: 25500
Ion Ratio Lower Upper
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141 91.9 72.8 109.2

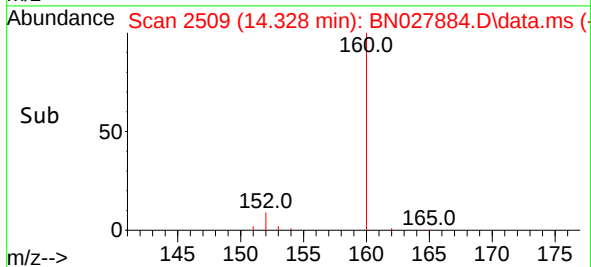
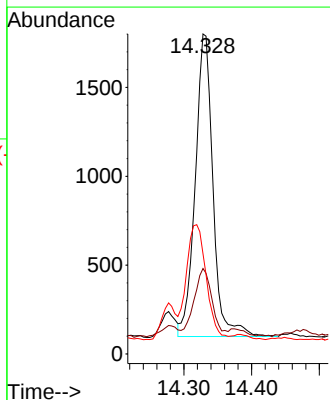
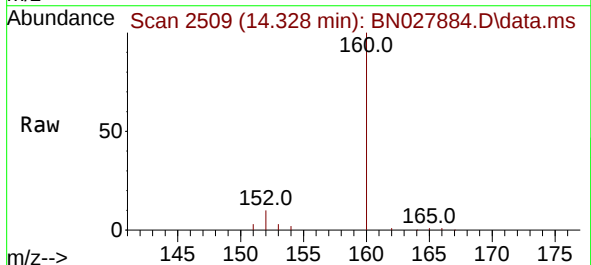
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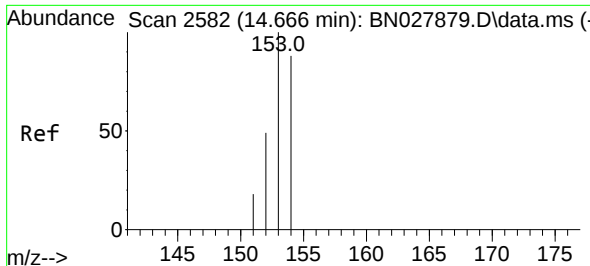
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

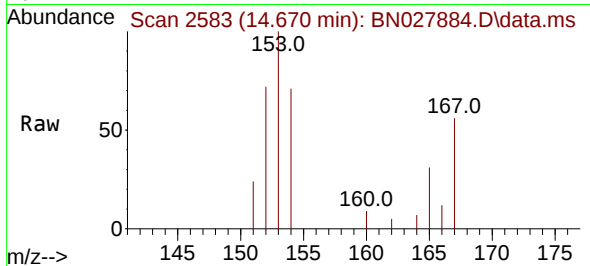
Tgt Ion:152 Resp: 3102
Ion Ratio Lower Upper
152 100
151 26.7 16.6 25.0#
153 31.3 11.0 16.6#





#11
Acenaphthene
Concen: 0.066 ng/u1
RT: 14.670 min Scan# 2583
Delta R.T. 0.005 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

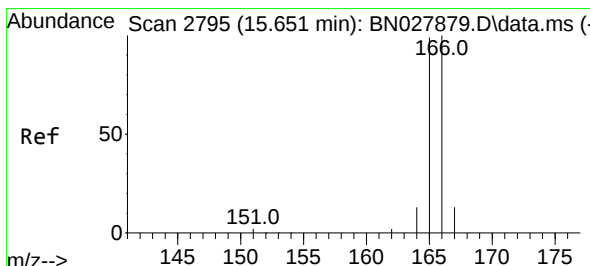
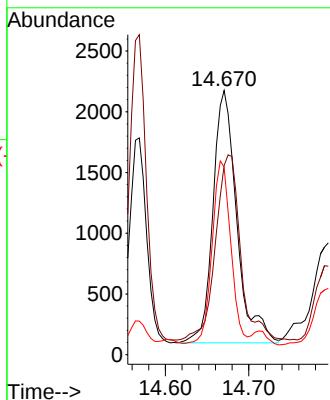
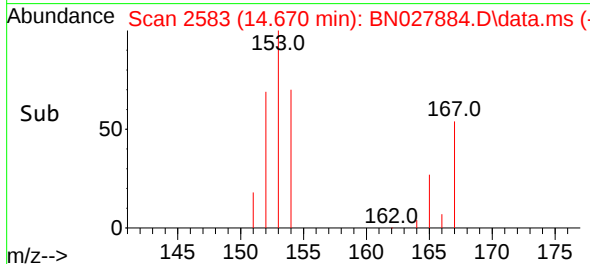
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:153 Resp: 4117
Ion Ratio Lower Upper
153 100
152 71.6 41.7 62.5
154 71.0 70.3 105.5

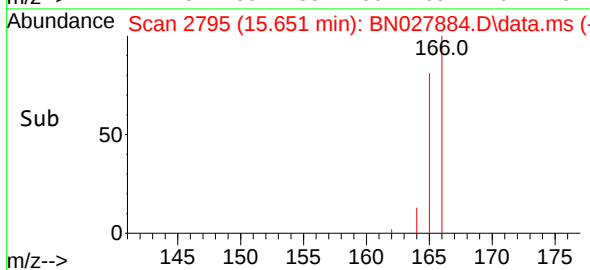
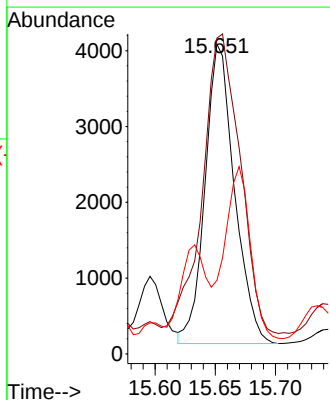
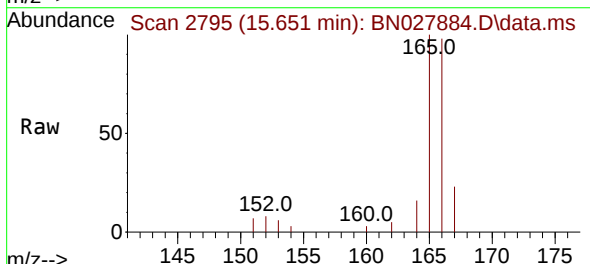
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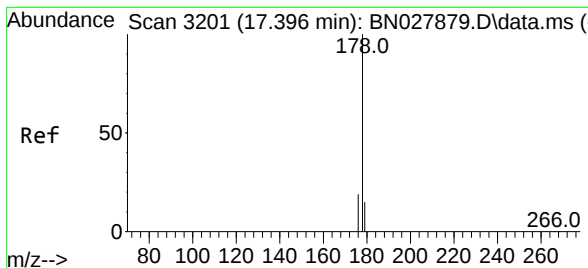
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#12
Fluorene
Concen: 0.091 ng/u1
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

Tgt Ion:166 Resp: 6715
Ion Ratio Lower Upper
166 100
165 101.9 78.0 117.0
167 23.7 11.4 17.2#





#15

Phenanthrene

Concen: 1.829 ng/ul

RT: 17.396 min Scan# 3201

Delta R.T. 0.000 min

Lab File: BN027884.D

Acq: 27 Sep 2023 05:21

Instrument :

BNA_N

ClientSampleId :

EZYK8

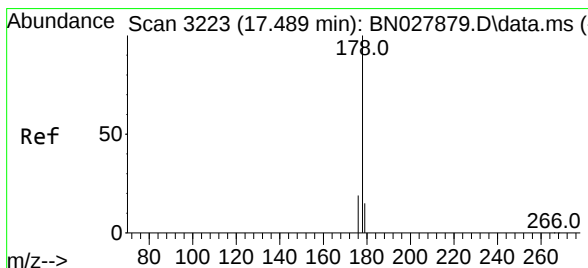
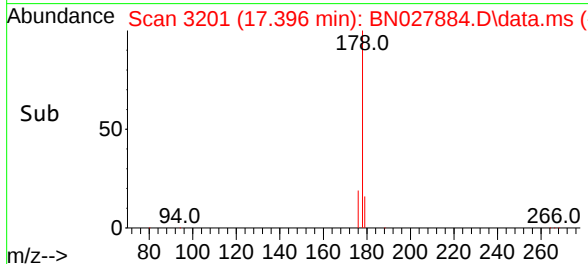
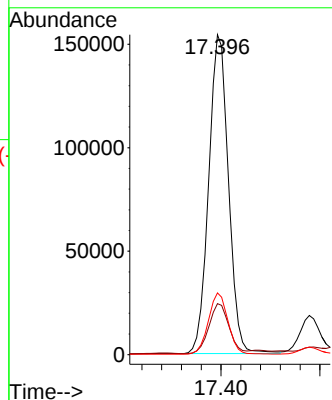
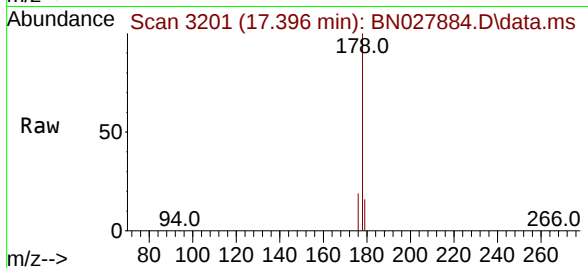
Tgt Ion:178	Resp: 21384
Ion Ratio	Lower Upper
178 100	
179 15.9	12.4 18.6
176 19.3	16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/28/2023



#16

Anthracene

Concen: 0.247 ng/ul

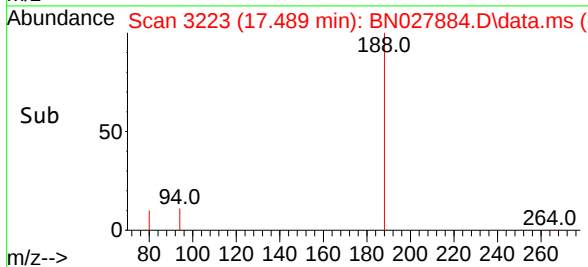
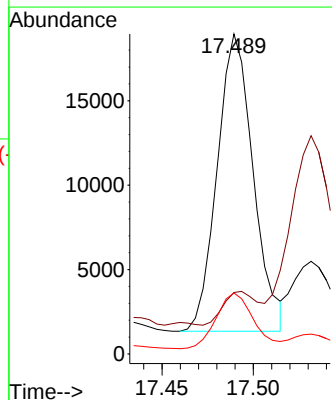
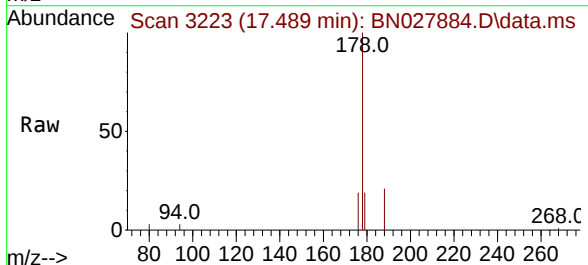
RT: 17.489 min Scan# 3223

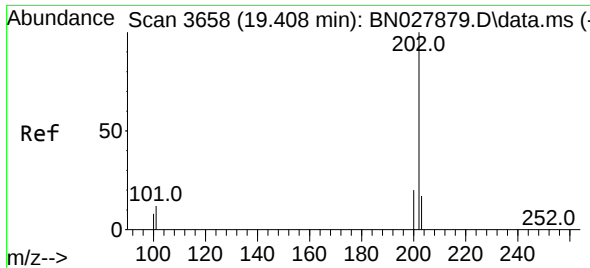
Delta R.T. 0.000 min

Lab File: BN027884.D

Acq: 27 Sep 2023 05:21

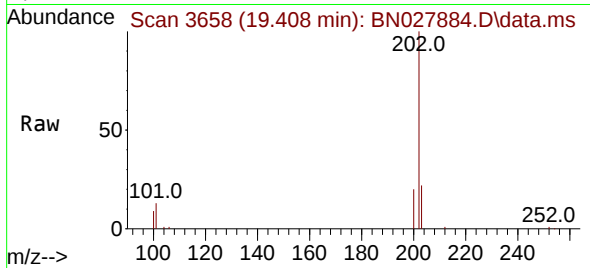
Tgt Ion:178	Resp: 24155
Ion Ratio	Lower Upper
178 100	
179 19.2	12.6 19.0#
176 19.0	15.5 23.3





#19
Fluoranthene
Concen: 0.639 ng/u1
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

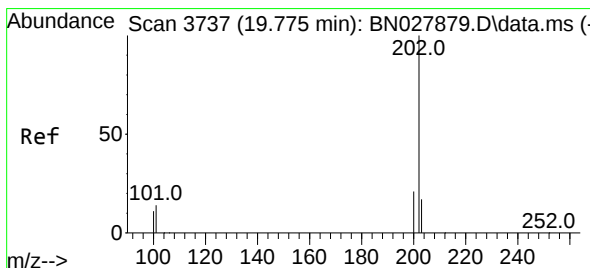
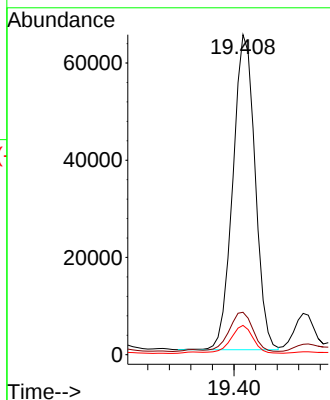
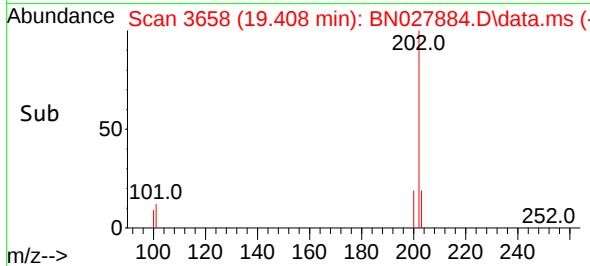
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:202 Resp: 92660
Ion Ratio Lower Upper
202 100
101 13.3 9.3 13.9
100 9.1 7.0 10.4

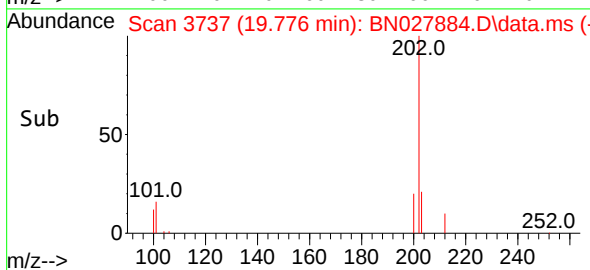
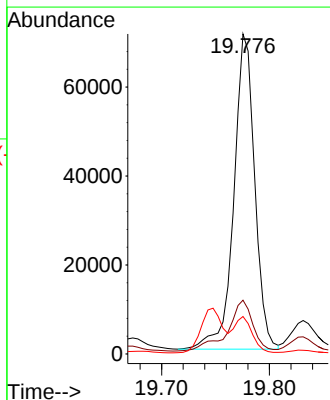
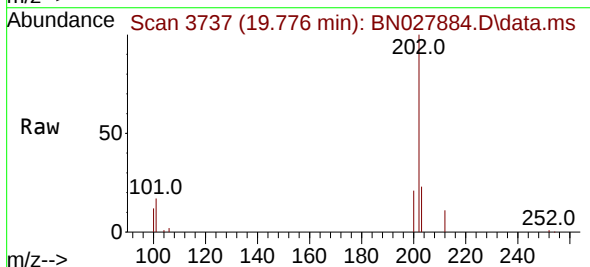
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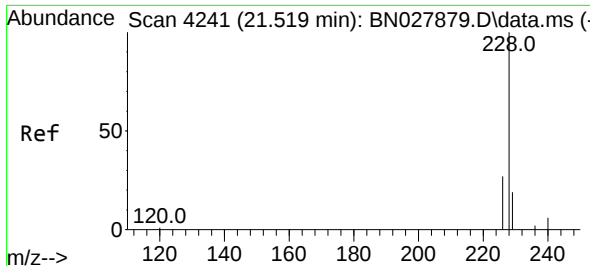
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 0.638 ng/u1
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

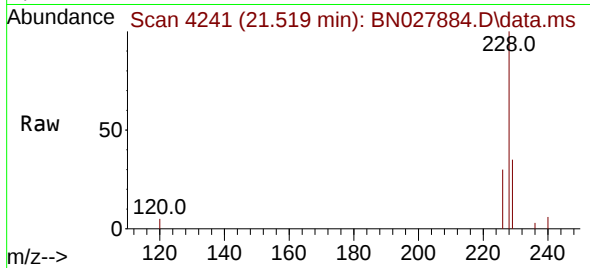
Tgt Ion:202 Resp: 95275
Ion Ratio Lower Upper
202 100
101 16.8 11.4 17.0
100 11.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.519 min Scan# 4241
Delta R.T. 0.000 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

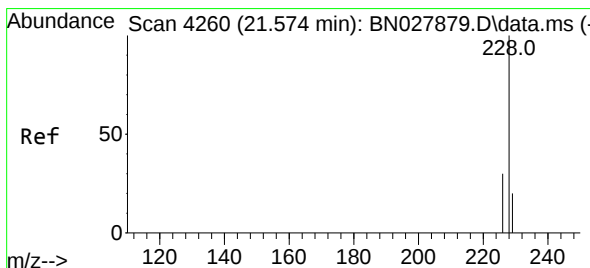
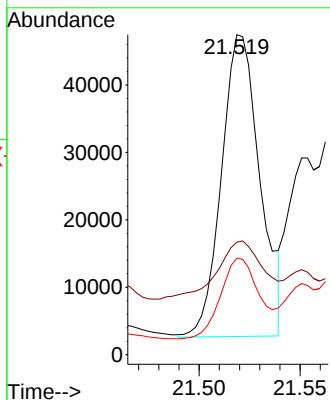
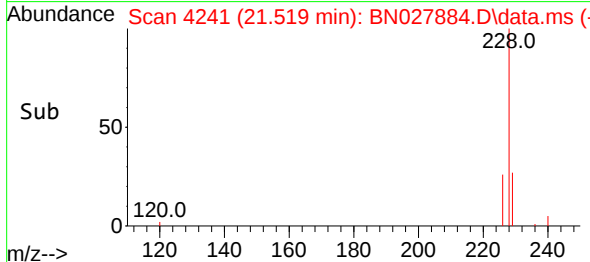
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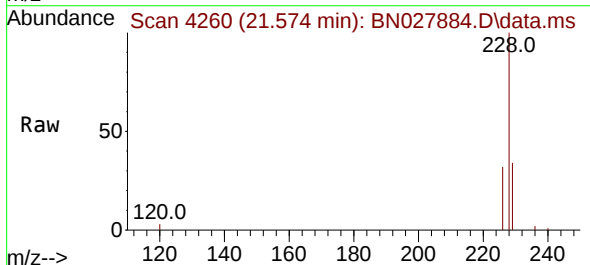
Tgt Ion:228 Resp: 59390
Ion Ratio Lower Upper
228 100
229 35.1 15.8 23.8
226 30.1 22.0 33.0

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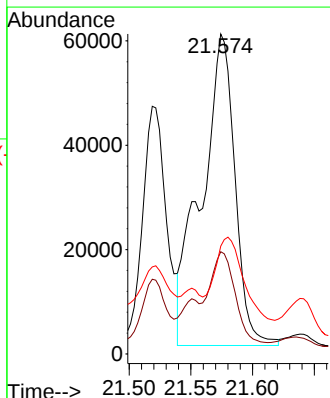
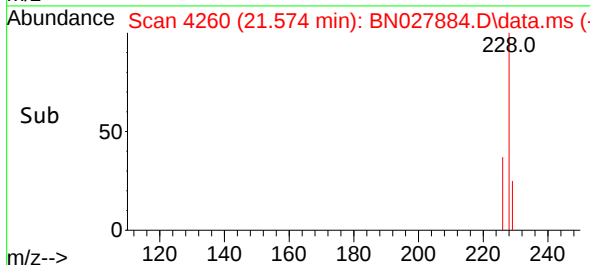
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

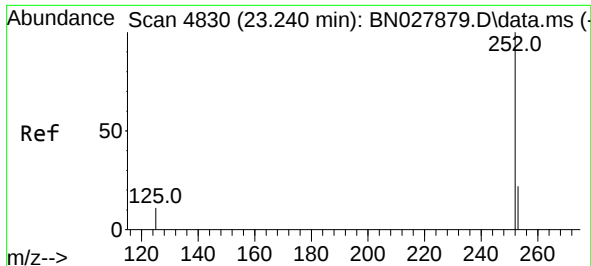


#22
Chrysene
Concen: 0.786 ng/ul m
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21



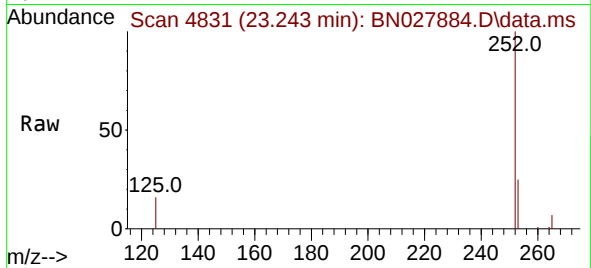
Tgt Ion:228 Resp: 112707
Ion Ratio Lower Upper
228 100
226 31.9 24.5 36.7
229 33.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.595 ng/ul m
RT: 23.243 min Scan# 4830
Delta R.T. 0.003 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

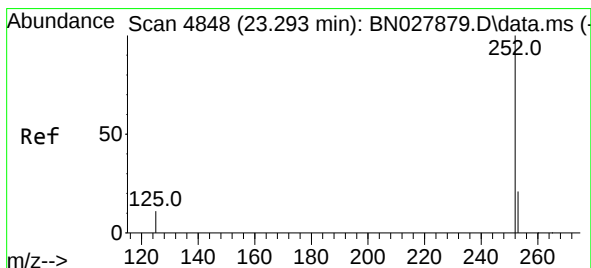
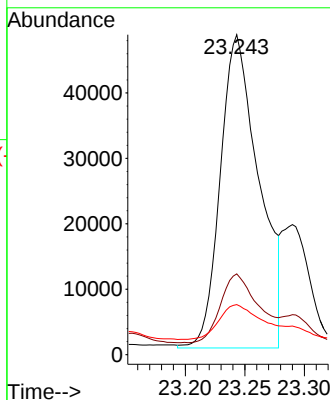
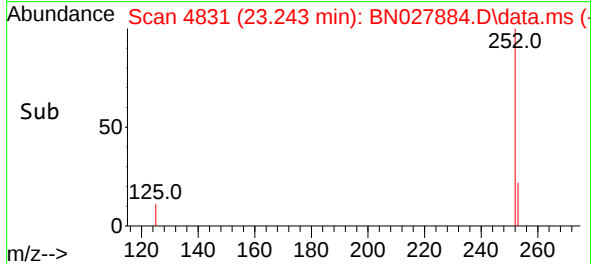
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:252 Resp: 10825
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.2
125 15.7 0.0 31.4

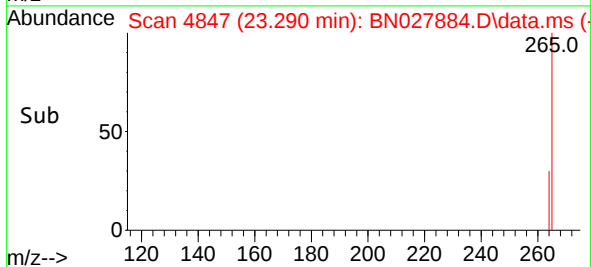
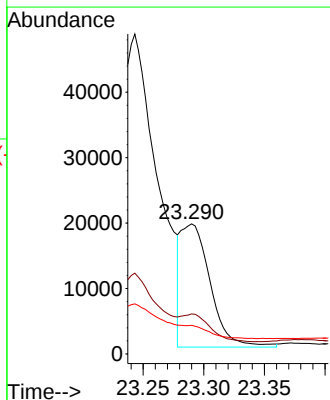
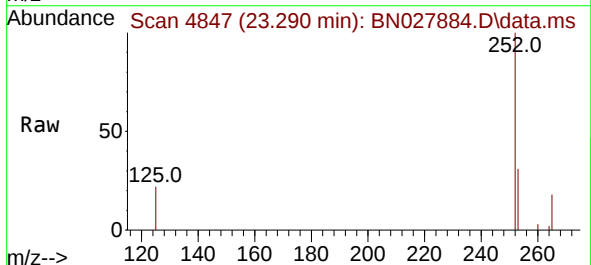
Manual Integrations
APPROVED

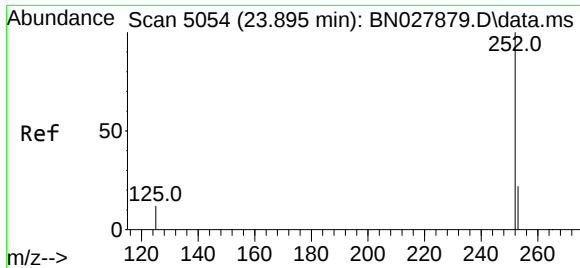
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.180 ng/ul m
RT: 23.290 min Scan# 4847
Delta R.T. -0.003 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

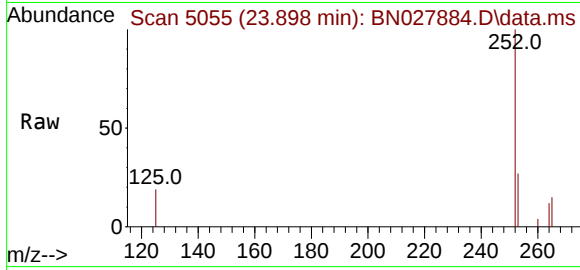
Tgt Ion:252 Resp: 31664
Ion Ratio Lower Upper
252 100
253 30.7 19.9 29.9#
125 22.0 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 23.898 min Scan# 5055
Delta R.T. 0.003 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

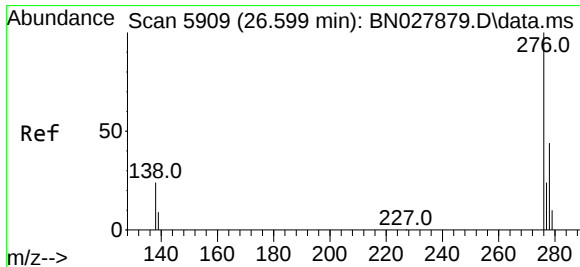
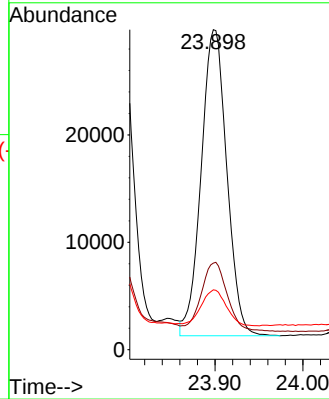
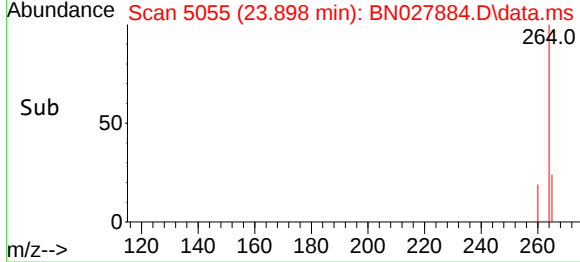
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:252 Resp: 5786
Ion Ratio Lower Upper
252 100
253 27.1 21.9 32.9
125 18.7 15.5 23.3

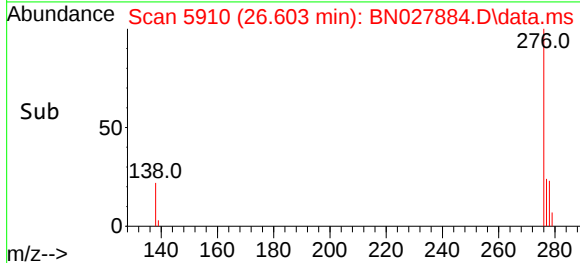
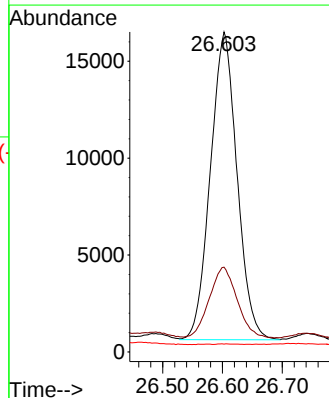
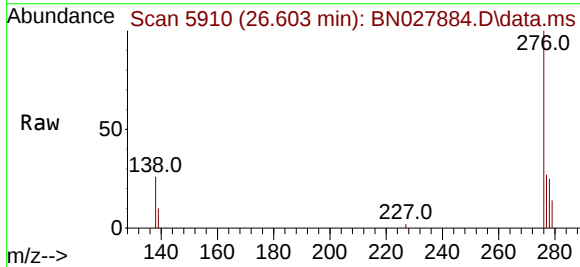
Manual Integrations
APPROVED

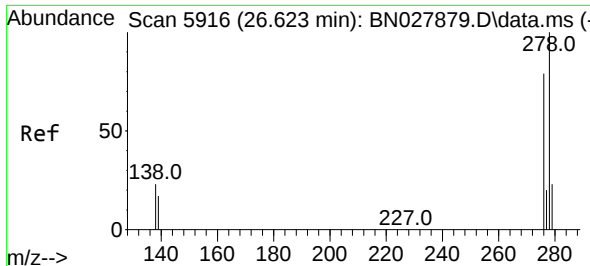
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 26.603 min Scan# 5910
Delta R.T. 0.003 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

Tgt Ion:276 Resp: 49176
Ion Ratio Lower Upper
276 100
138 23.9 24.3 36.5#
227 0.2 0.0 0.0#





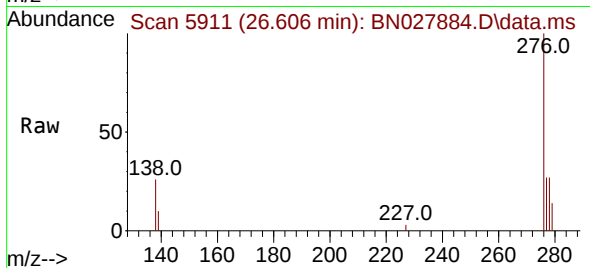
#28
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. -0.017 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21

Instrument :

BNA_N

ClientSampleId :

EZYK8



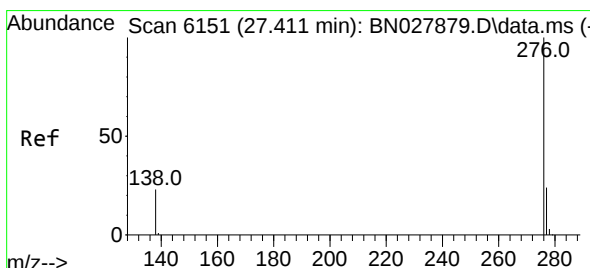
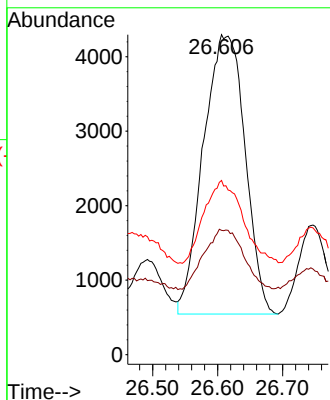
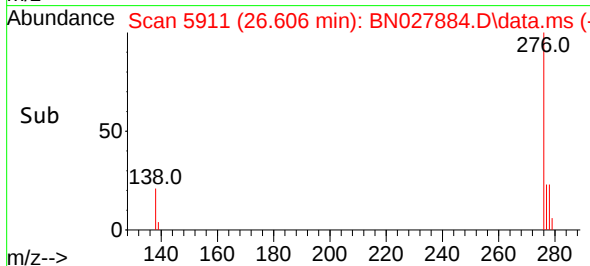
Tgt Ion:278 Resp: 1667
Ion Ratio Lower Upper
278 100
139 38.8 17.2 25.8
279 54.4 21.4 32.0

Manual Integrations

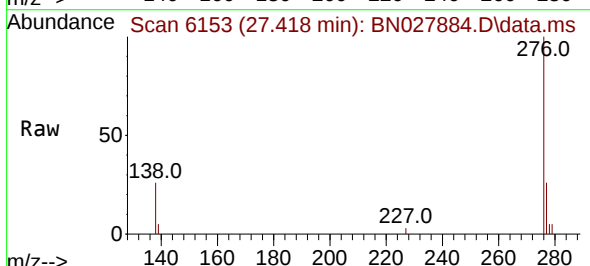
APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 27.418 min Scan# 6153
Delta R.T. 0.007 min
Lab File: BN027884.D
Acq: 27 Sep 2023 05:21



Tgt Ion:276 Resp: 57610
Ion Ratio Lower Upper
276 100
138 26.3 21.7 32.5
277 26.0 20.2 30.2

