

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027911.D
 Acq On : 27 Sep 2023 22:12
 Operator : MA/JU
 Sample : 04472-09DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EYZE9DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 00:02:43 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	7.958	152	3171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	11923	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7717	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17227	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17467	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	18020	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1382	0.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	426	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	1160	0.022	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.828	128	3045	0.089	ng/ul#	93
7) 2-Methylnaphthalene	12.434	142	1729	0.080	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	1355	0.061	ng/ul	100
10) Acenaphthylene	14.328	152	3972	0.118	ng/ul#	95
11) Acenaphthene	14.666	153	1679	0.058	ng/ul	96
12) Fluorene	15.651	166	2710	0.079	ng/ul#	98
15) Phenanthrene	17.396	178	50327	0.930	ng/ul	99
16) Anthracene	17.485	178	7360	0.162	ng/ul	96
19) Fluoranthene	19.408	202	79303	1.123	ng/ul	98
20) Pyrene	19.776	202	73176	1.006	ng/ul	99
21) Benzo(a)anthracene	21.519	228	38307	0.567	ng/ul	99
22) Chrysene	21.574	228	40208	0.576	ng/ul	97
24) Benzo(b)fluoranthene	23.243	252	57277m	0.713	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	20623m	0.265	ng/ul	
26) Benzo(a)pyrene	23.895	252	42974	0.665	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.596	276	28549	0.345	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.616	278	6909	0.104	ng/ul#	72
29) Benzo(g,h,i)perylene	27.411	276	27030	0.385	ng/ul	98

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

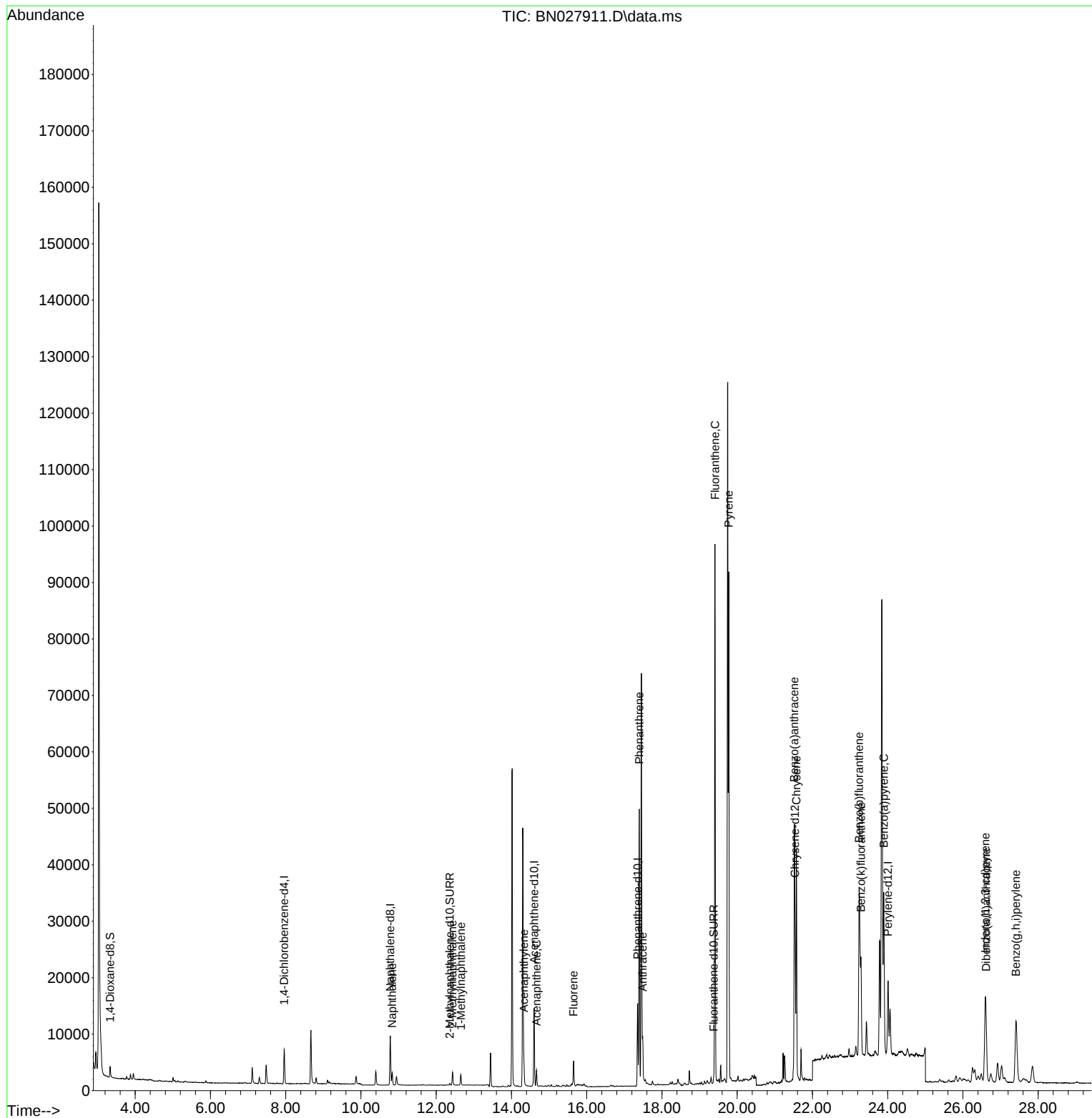
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027911.D
Acq On : 27 Sep 2023 22:12
Operator : MA/JU
Sample : 04472-09DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

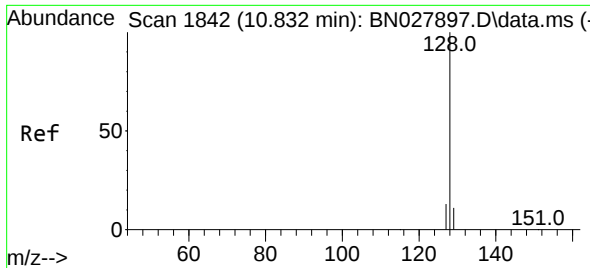
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EZY9DL

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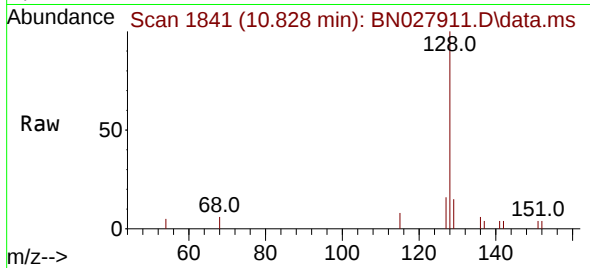
Quant Time: Sep 28 00:02:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.828 min Scan# 1842
Delta R.T. -0.005 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

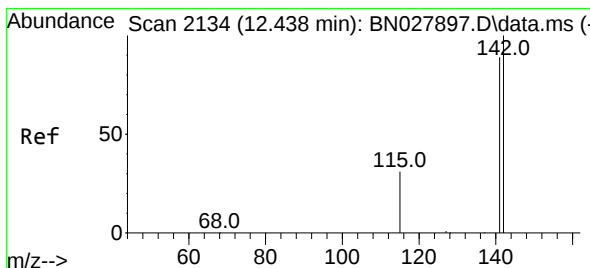
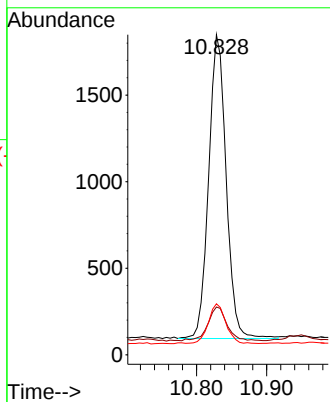
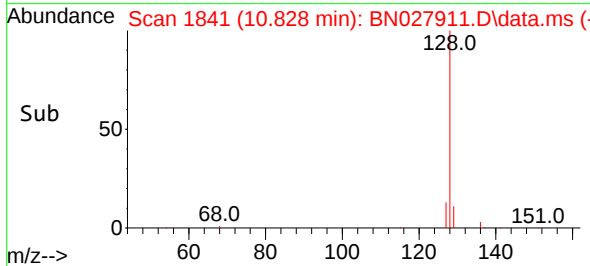
Instrument :
BNA_N
ClientSampleId :
EZY9DL



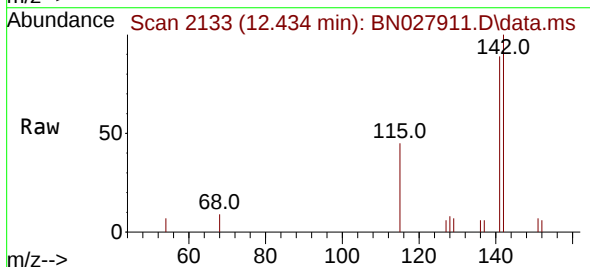
Tgt Ion:128 Resp: 3049
Ion Ratio Lower Upper
128 100
129 14.9 9.3 13.9
127 15.9 10.7 16.1

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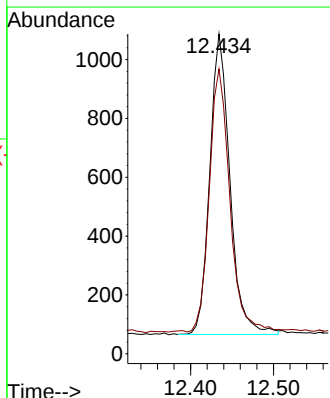
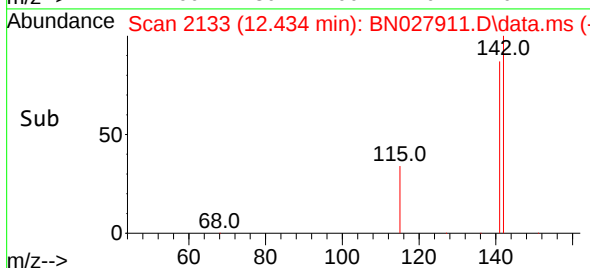
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

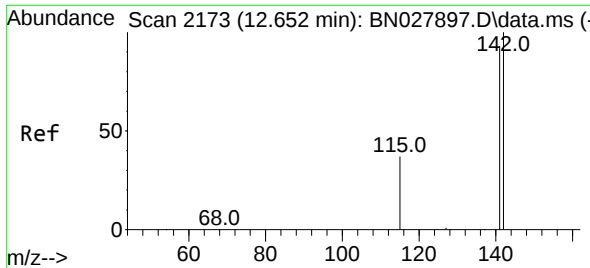


#7
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12



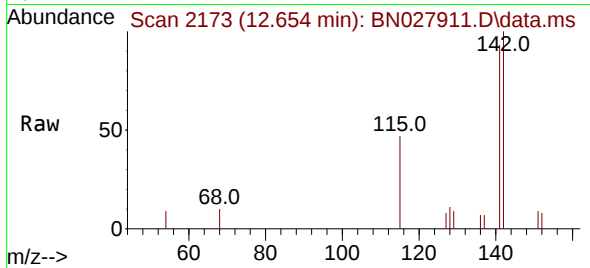
Tgt Ion:142 Resp: 1729
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

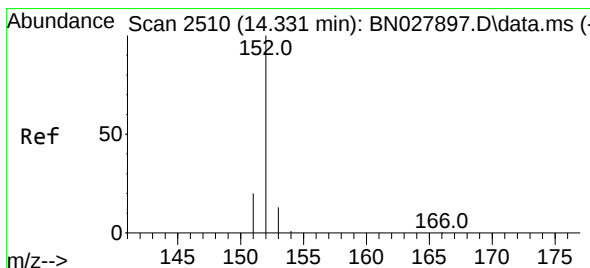
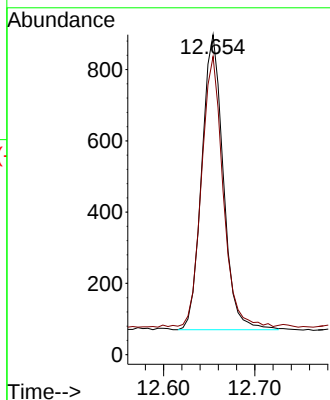
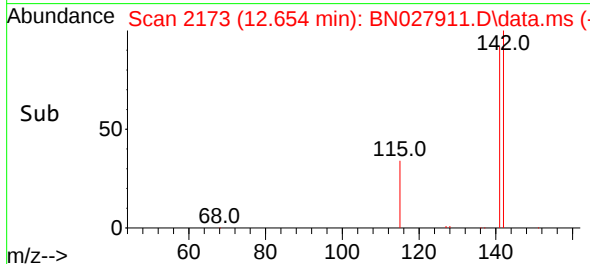
Instrument :
BNA_N
ClientSampleId :
EZY9DL



Tgt Ion:142 Resp: 135
Ion Ratio Lower Upper
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141 91.1 72.8 109.2

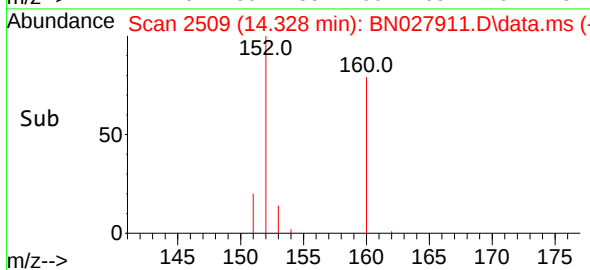
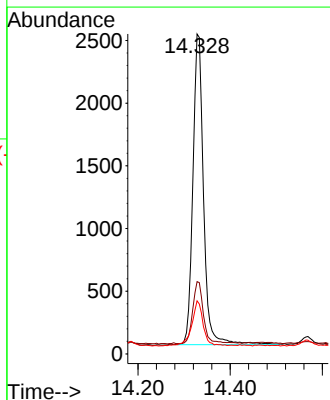
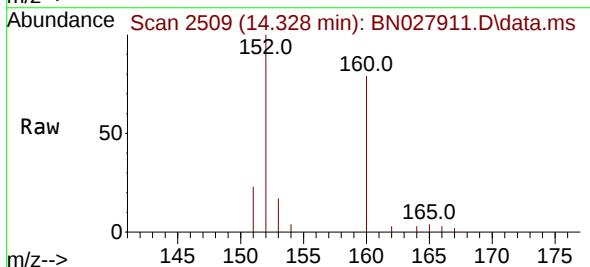
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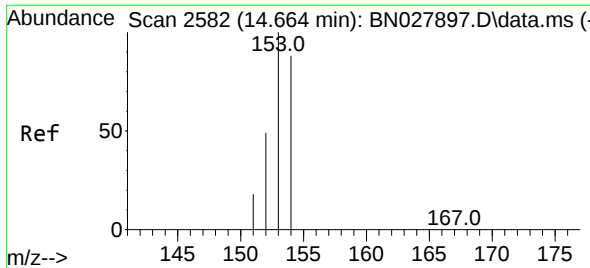
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#10
Acenaphthylene
Concen: 0.118 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

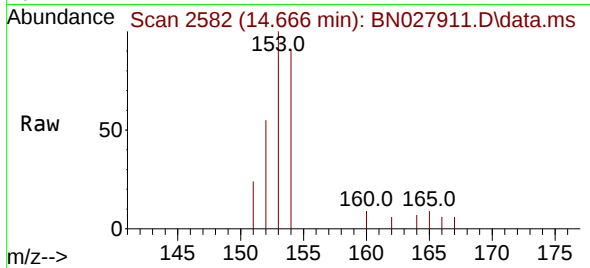
Tgt Ion:152 Resp: 3972
Ion Ratio Lower Upper
152 100
151 22.6 16.6 25.0
153 16.6 11.0 16.6#





#11
Acenaphthene
Concen: 0.058 ng/u1
RT: 14.666 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

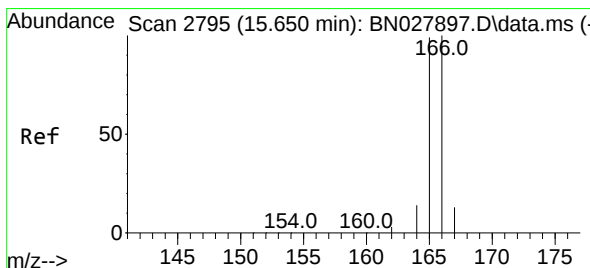
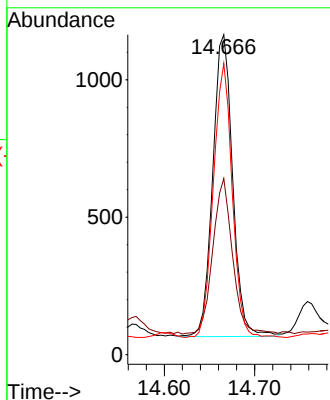
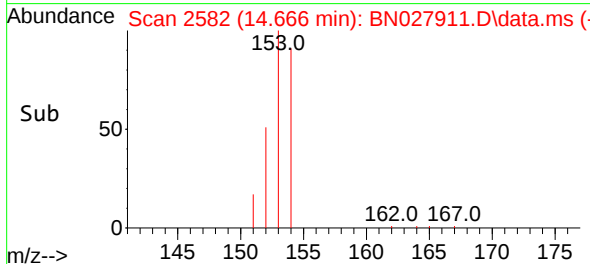
Instrument :
BNA_N
ClientSampleId :
EZY9DL



Tgt Ion:153 Resp: 1679
Ion Ratio Lower Upper
153 100
152 55.1 41.7 62.5
154 91.0 70.3 105.5

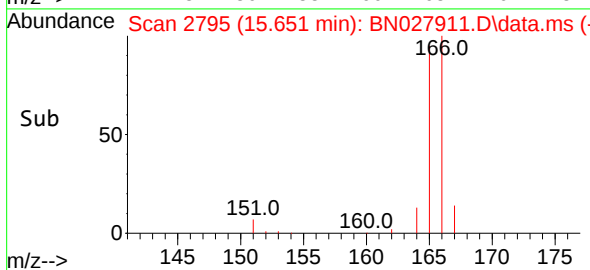
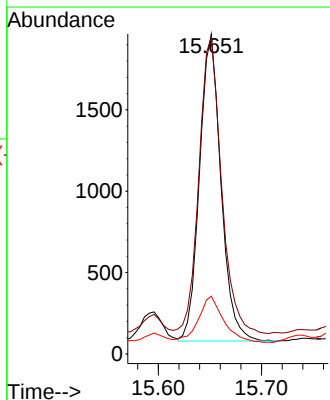
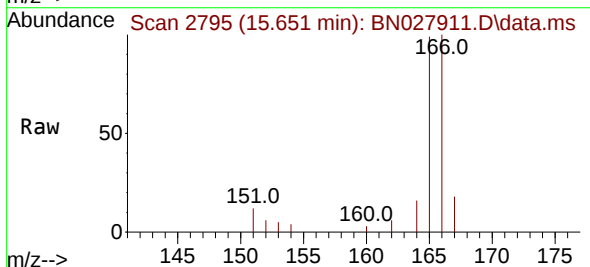
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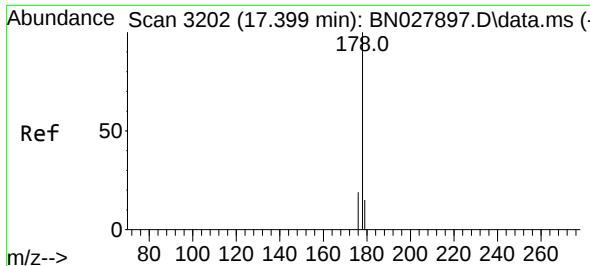
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#12
Fluorene
Concen: 0.079 ng/u1
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

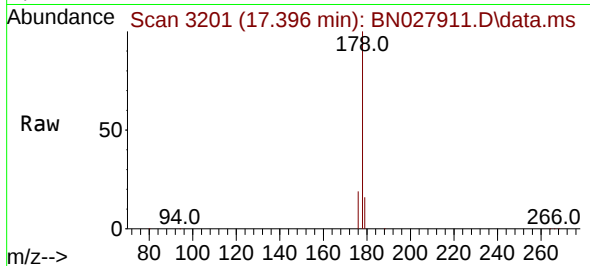
Tgt Ion:166 Resp: 2710
Ion Ratio Lower Upper
166 100
165 98.8 78.0 117.0
167 18.1 11.4 17.2#





#15
Phenanthrene
Concen: 0.930 ng/u1
RT: 17.396 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

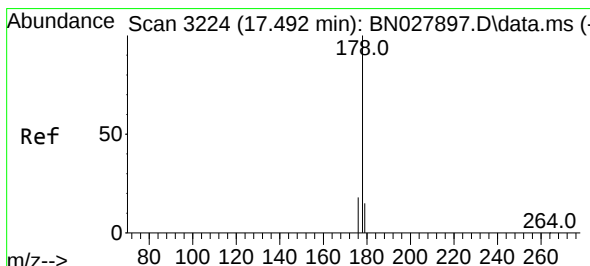
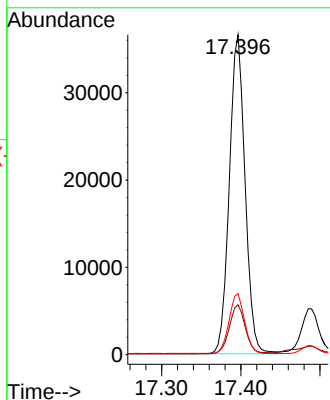
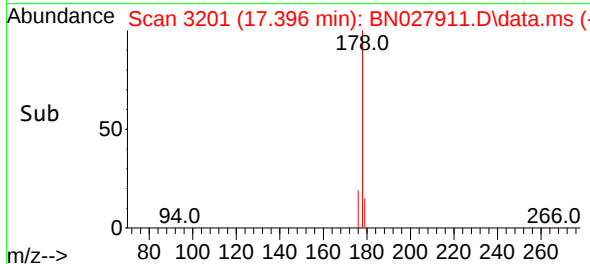
Instrument :
BNA_N
ClientSampleId :
EZY9DL



Tgt Ion:178 Resp: 5032
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.0 16.0 24.0

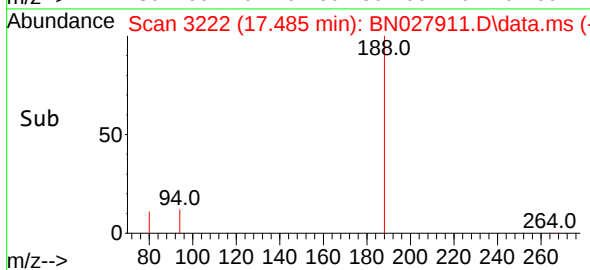
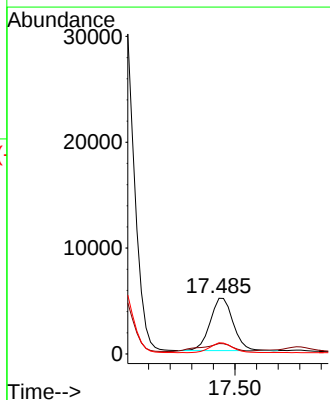
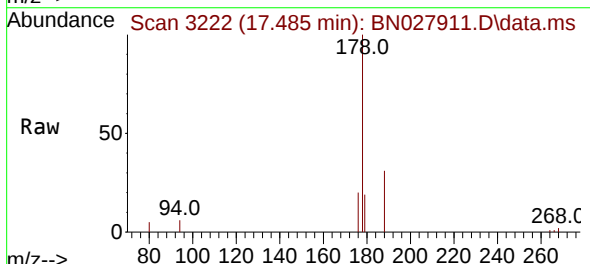
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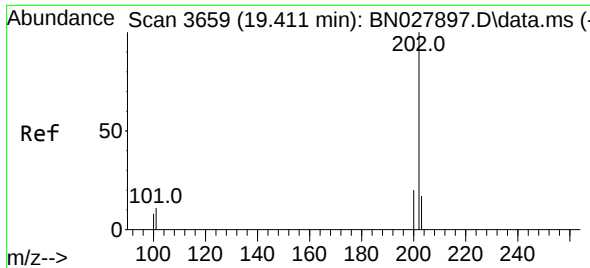
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#16
Anthracene
Concen: 0.162 ng/u1
RT: 17.485 min Scan# 3222
Delta R.T. -0.004 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

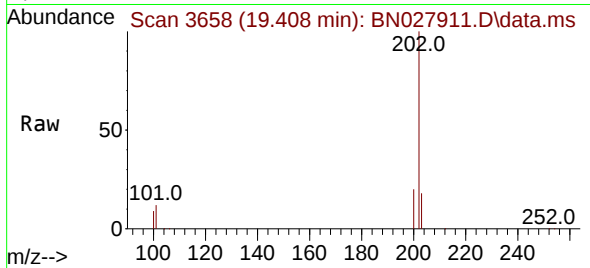
Tgt Ion:178 Resp: 7360
Ion Ratio Lower Upper
178 100
179 18.6 12.6 19.0
176 20.1 15.5 23.3





#19
Fluoranthene
Concen: 1.123 ng/u1
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

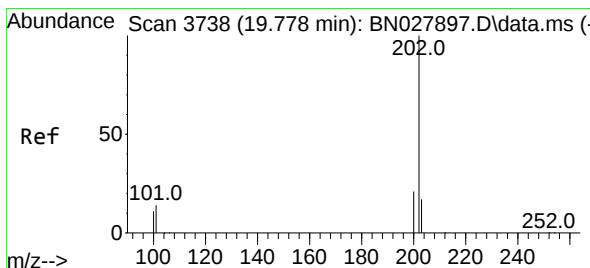
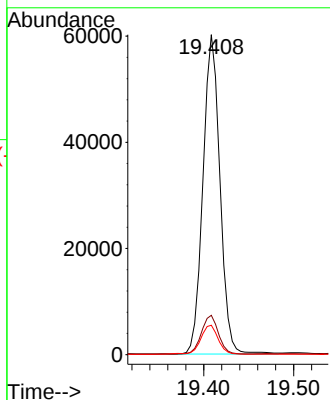
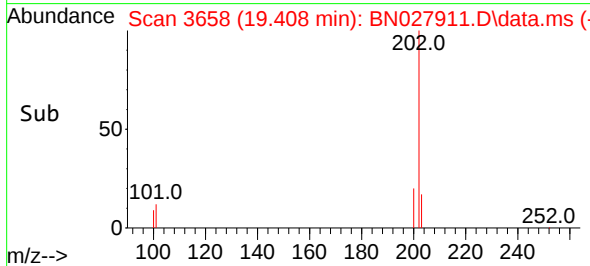
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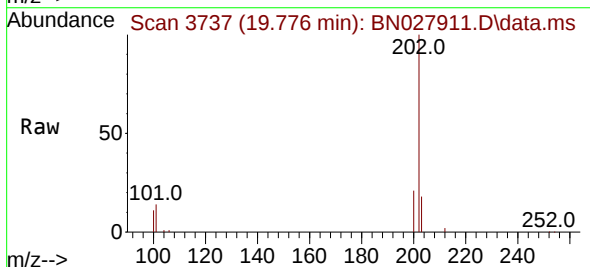
Tgt Ion:202 Resp: 7930
Ion Ratio Lower Upper
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101 12.3 9.3 13.9
100 9.2 7.0 10.4

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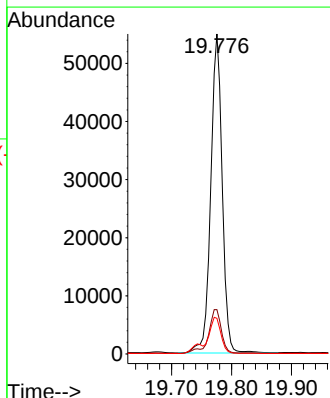
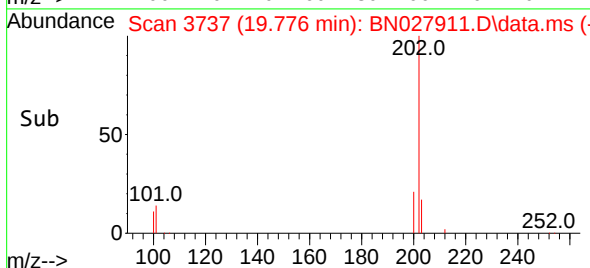
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

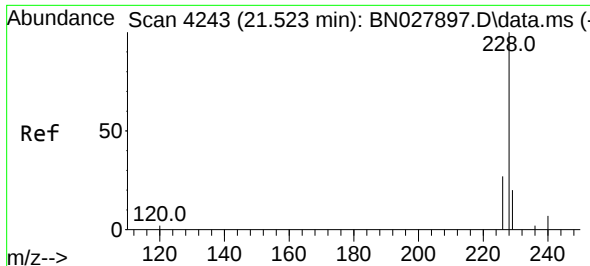


#20
Pyrene
Concen: 1.006 ng/u1
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12



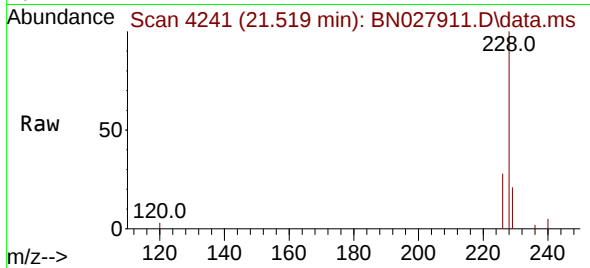
Tgt Ion:202 Resp: 73176
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.567 ng/u1
RT: 21.519 min Scan# 4241
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

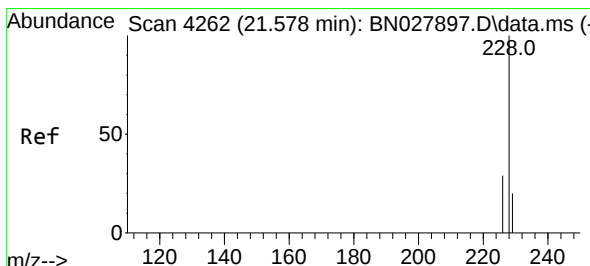
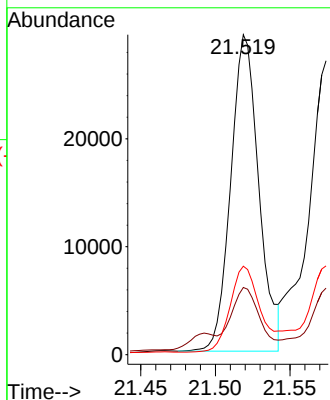
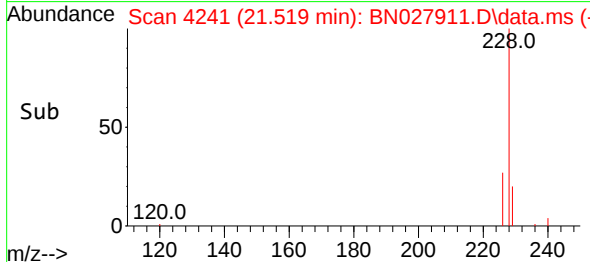
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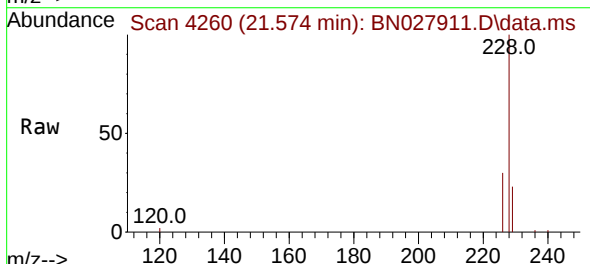
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Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 27.7 22.0 33.0

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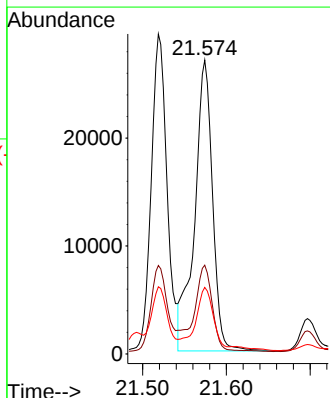
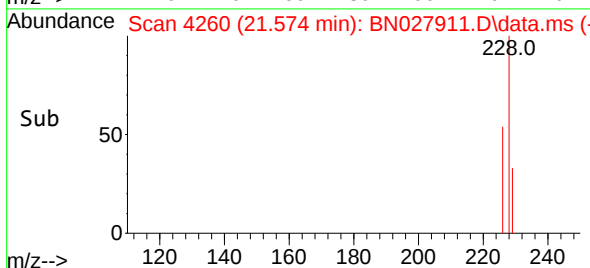
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

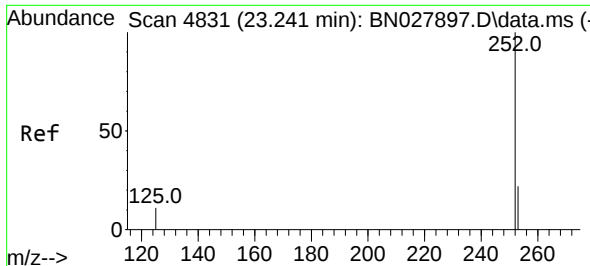


#22
Chrysene
Concen: 0.576 ng/u1
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12



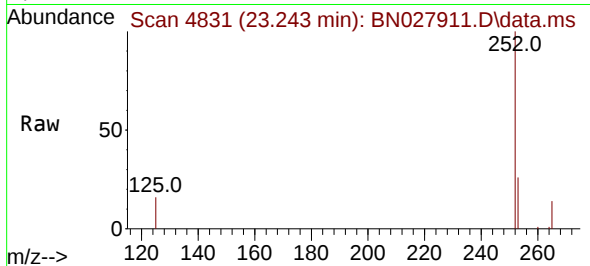
Tgt Ion:228 Resp: 40208
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.713 ng/ul m
RT: 23.243 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

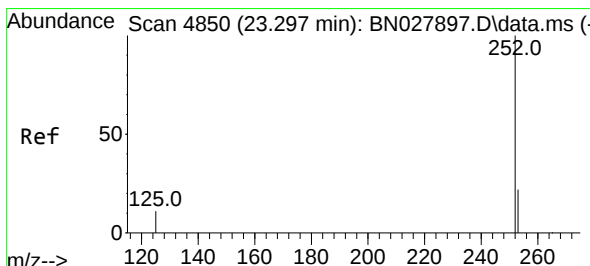
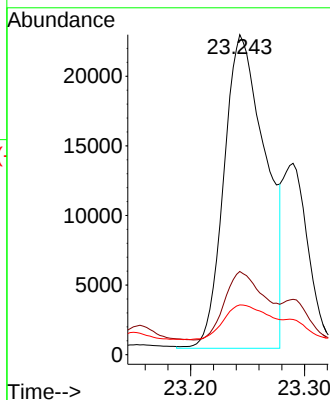
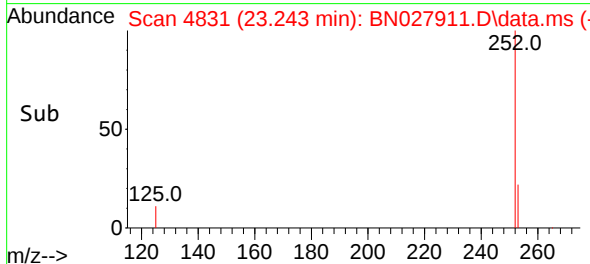
Instrument :
BNA_N
ClientSampleId :
EZY9DL



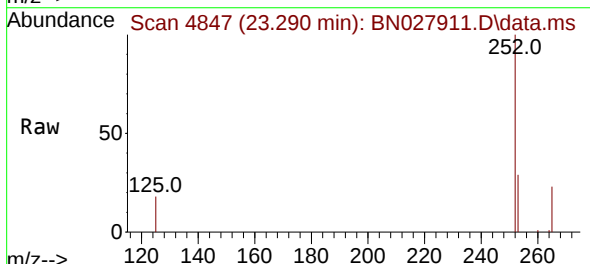
Tgt Ion:252 Resp: 5727
Ion Ratio Lower Upper
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253 26.0 0.0 50.2
125 15.6 0.0 31.4

Manual Integrations
APPROVED

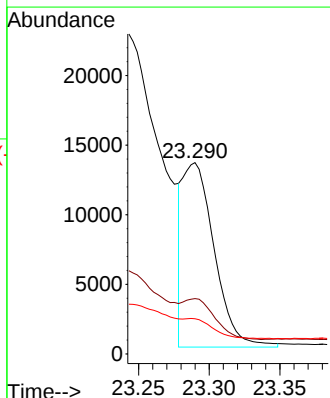
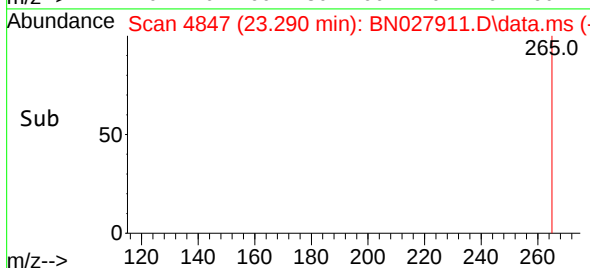
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

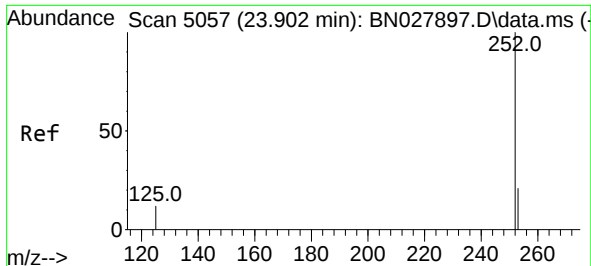


#25
Benzo(k)fluoranthene
Concen: 0.265 ng/ul m
RT: 23.290 min Scan# 4847
Delta R.T. -0.003 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12



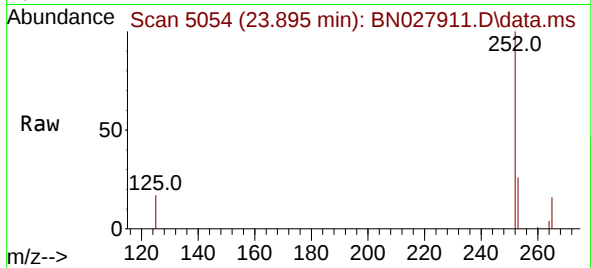
Tgt Ion:252 Resp: 20623
Ion Ratio Lower Upper
252 100
253 28.9 19.9 29.9
125 18.4 12.6 19.0





#26
Benzo(a)pyrene
Concen: 0.665 ng/ul
RT: 23.895 min Scan# 5054
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

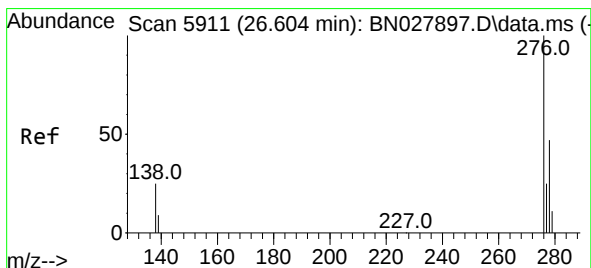
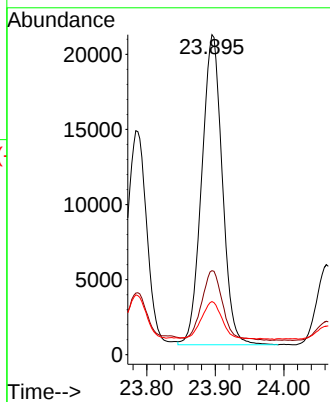
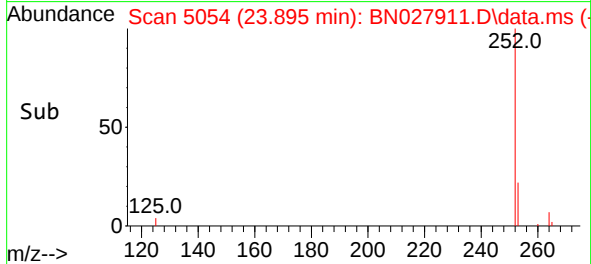
Instrument :
BNA_N
ClientSampleId :
EZY9DL



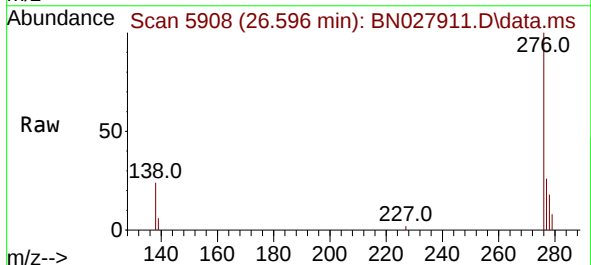
Tgt Ion:252 Resp: 42974
Ion Ratio Lower Upper
252 100
253 26.3 21.9 32.9
125 16.6 15.5 23.3

Manual Integrations
APPROVED

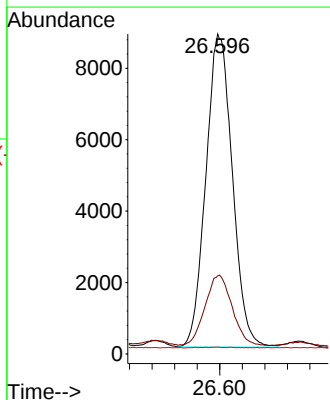
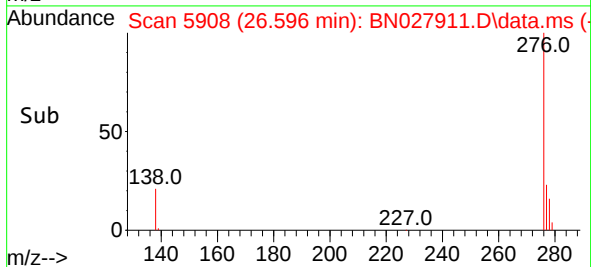
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

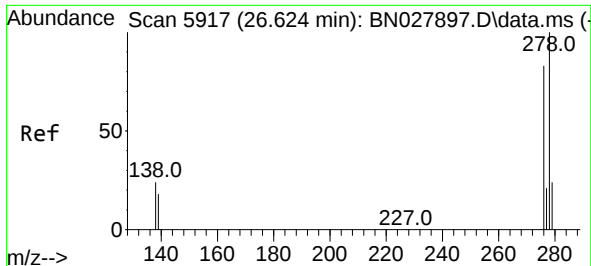


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 26.596 min Scan# 5908
Delta R.T. -0.003 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12



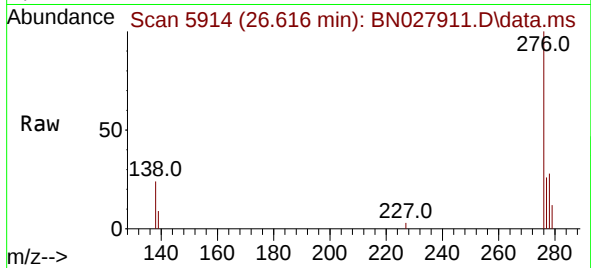
Tgt Ion:276 Resp: 28549
Ion Ratio Lower Upper
276 100
138 22.9 24.3 36.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.616 min Scan# 5917
Delta R.T. -0.006 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

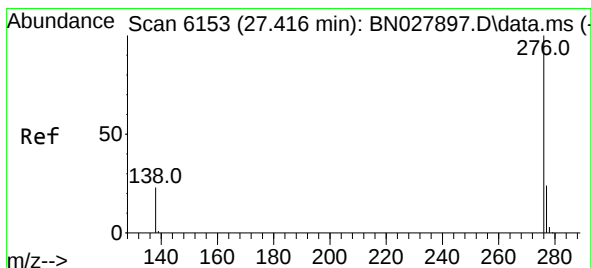
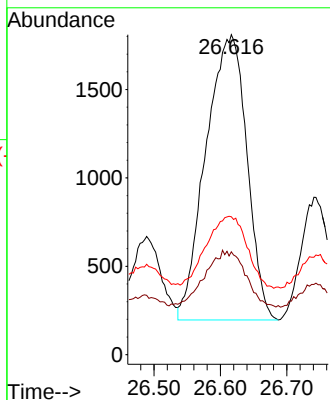
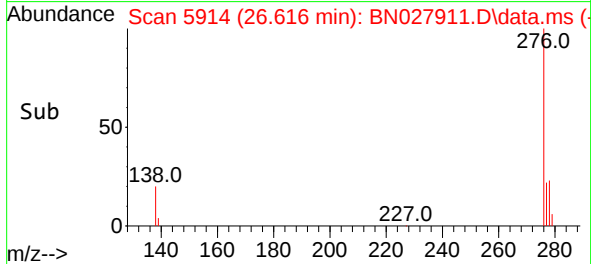
Instrument :
BNA_N
ClientSampleId :
EZY9DL



Tgt Ion:278 Resp: 690
Ion Ratio Lower Upper
278 100
139 32.2 17.2 25.8
279 43.1 21.4 32.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 27.411 min Scan# 6151
Delta R.T. 0.001 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

Tgt Ion:276 Resp: 27030
Ion Ratio Lower Upper
276 100
138 25.3 21.7 32.5
277 25.8 20.2 30.2

