

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027802.D
 Acq On : 22 Sep 2023 00:56
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 04:03:35 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	7888	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.823	136	25614	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.643	164	16298	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	30793	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.592	240	16465	0.400	ng/ul	# 0.02
23) Perylene-d12	24.120	264	20024m	0.400	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	17381	1.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	9655	0.249	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	15602	0.310	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.872	128	828463	11.317	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	281109	6.052	ng/ul	100
8) 1-Methylnaphthalene	12.692	142	212275	4.430	ng/ul	98
10) Acenaphthylene	14.370	152	148917	2.092	ng/ul#	86
11) Acenaphthene	14.707	153	825638	13.415	ng/ul	97
12) Fluorene	15.688	166	745290	10.299	ng/ul	99
15) Phenanthrene	17.439	178	3293693	34.038	ng/ul	99
16) Anthracene	17.527	178	659774	8.144	ng/ul	97
19) Fluoranthene	19.455	202	2792819	41.947	ng/ul	99
20) Pyrene	19.822	202	2529175	36.876	ng/ul	96
21) Benzo(a)anthracene	21.574	228	512753	8.048	ng/ul#	89
22) Chrysene	21.632	228	360894	5.482	ng/ul#	85
24) Benzo(b)fluoranthene	23.337	252	632040m	7.081	ng/ul	
25) Benzo(k)fluoranthene	23.372	252	238670m	2.759	ng/ul	
26) Benzo(a)pyrene	24.006	252	421564	5.873	ng/ul#	2
27) Indeno(1,2,3-cd)pyrene	26.770	276	389742	4.237	ng/ul#	86
29) Benzo(g,h,i)perylene	27.612	276	397412	5.087	ng/ul#	77

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

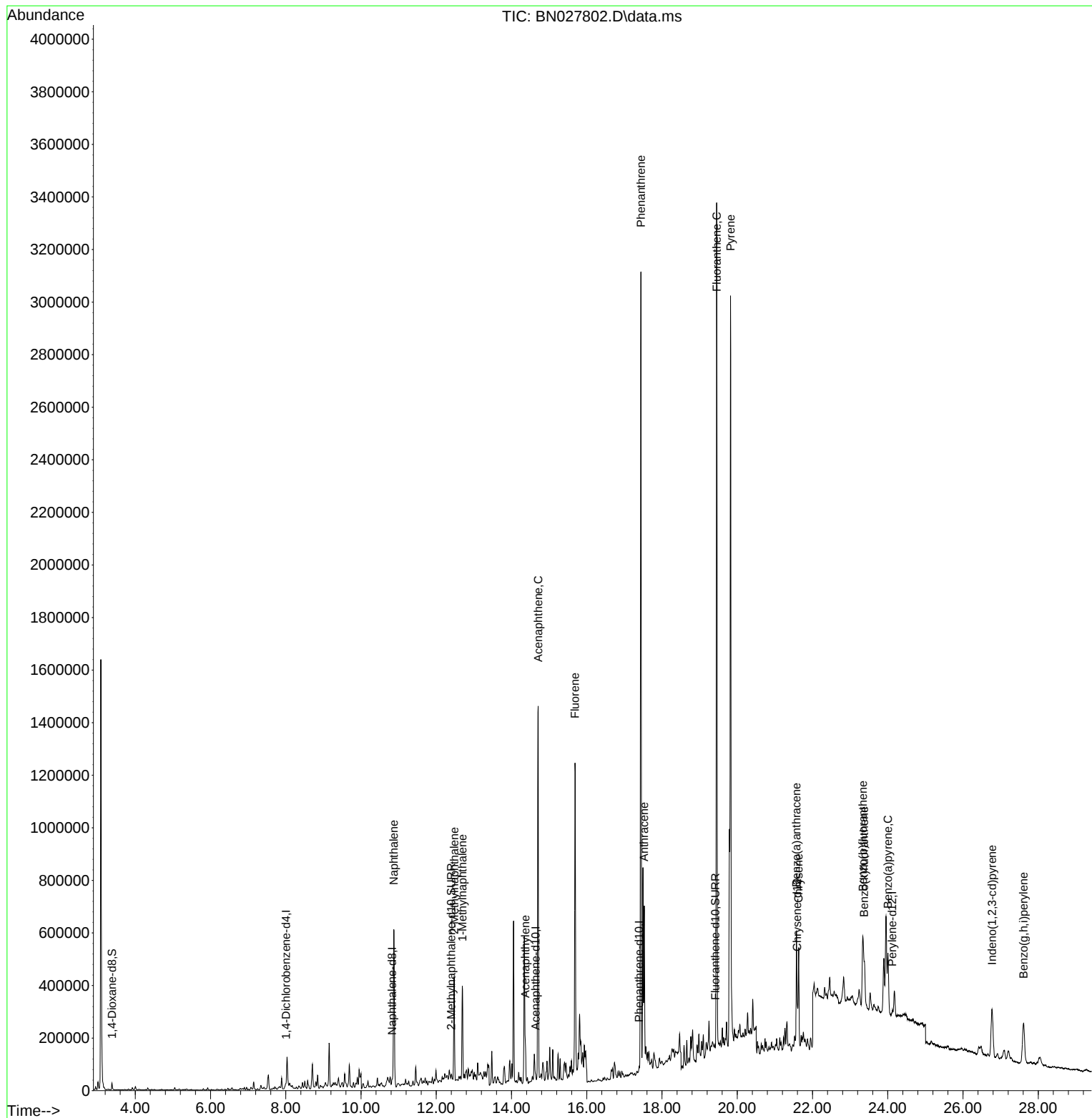
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027802.D
Acq On : 22 Sep 2023 00:56
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

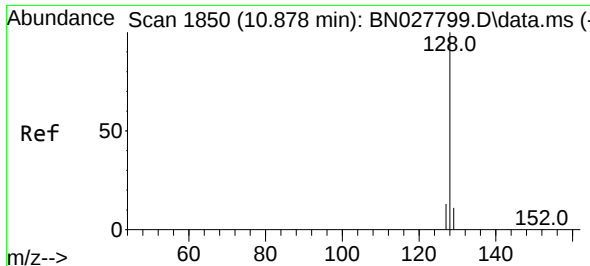
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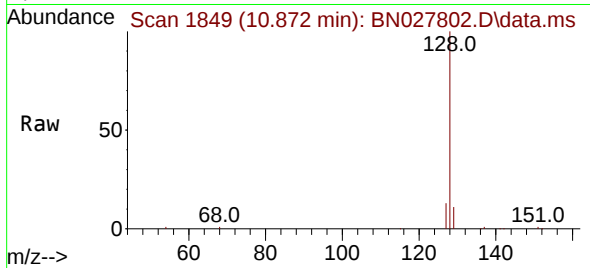
Quant Time: Sep 22 04:03:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 11.317 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

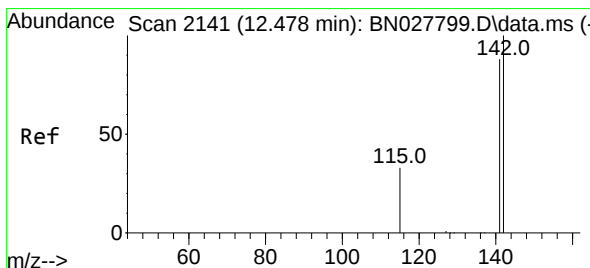
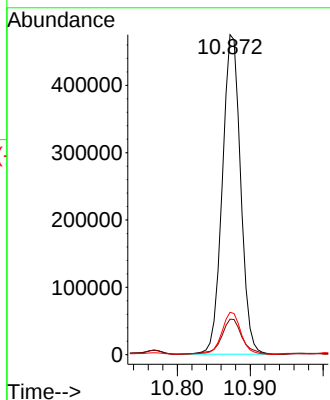
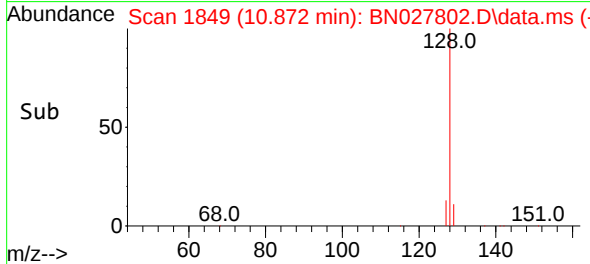
Instrument :
BNA_N
ClientSampleId :
EZYG3



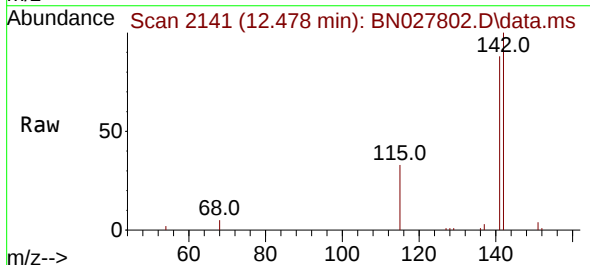
Tgt Ion:128 Resp: 82846
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.3 10.7 16.1

Manual Integrations
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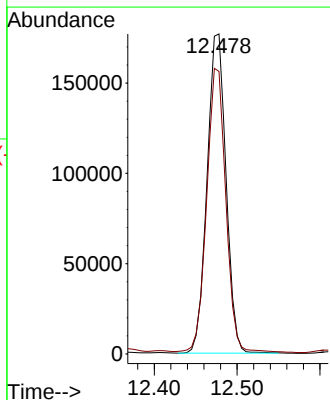
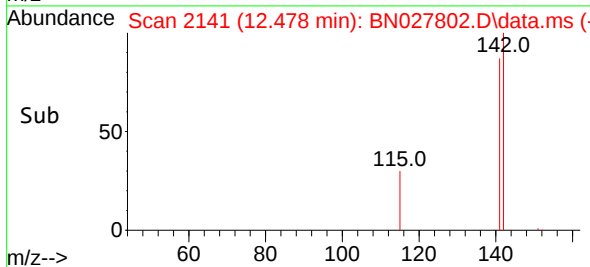
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

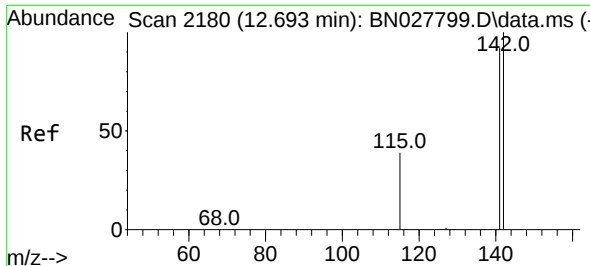


#7
2-Methylnaphthalene
Concen: 6.052 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56



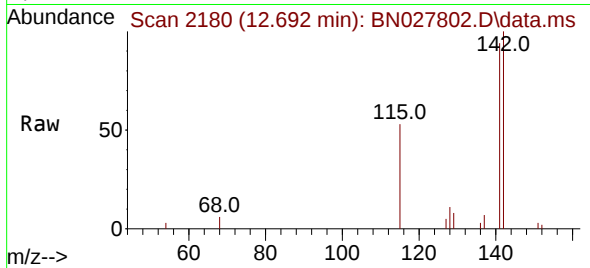
Tgt Ion:142 Resp: 281109
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#8
1-Methylnaphthalene
Concen: 4.430 ng/ul
RT: 12.692 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

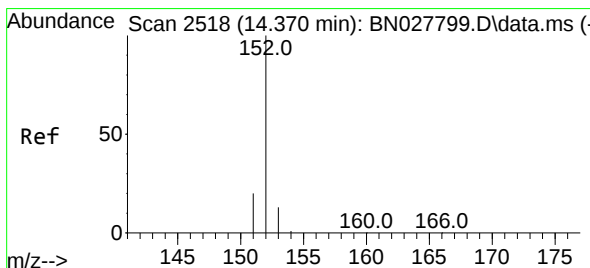
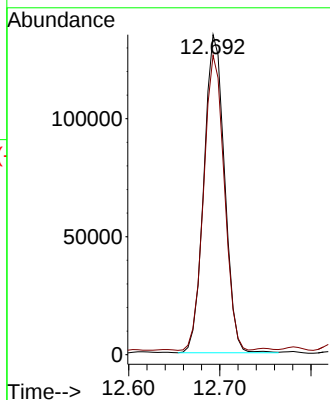
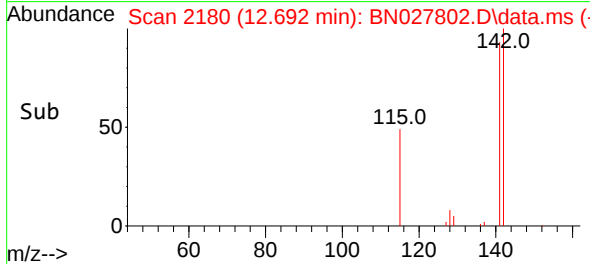
Instrument :
BNA_N
ClientSampleId :
EZYG3



Tgt Ion:142 Resp: 212275
Ion Ratio Lower Upper
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141 92.5 72.8 109.2

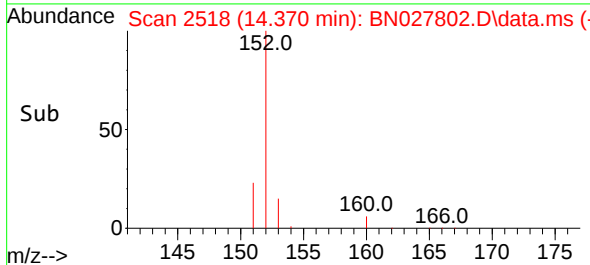
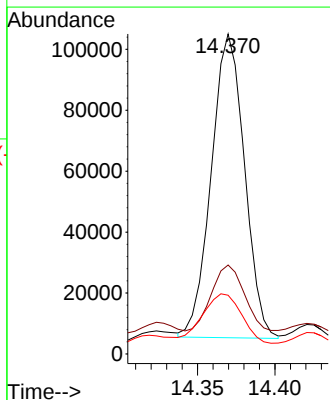
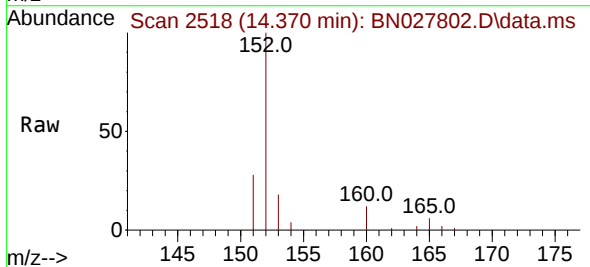
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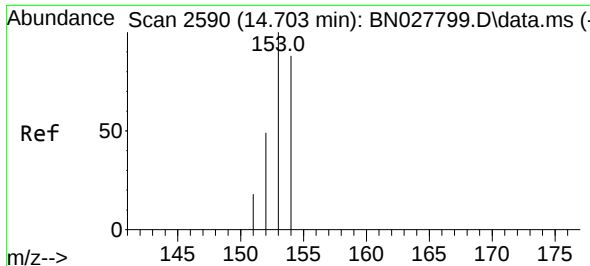
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 2.092 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

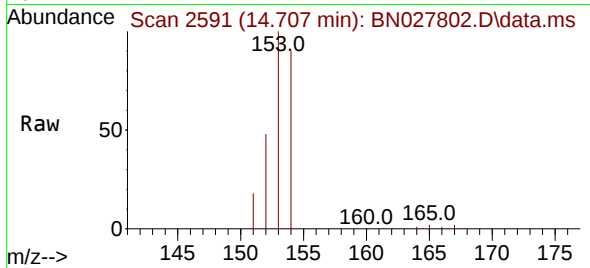
Tgt Ion:152 Resp: 148917
Ion Ratio Lower Upper
152 100
151 27.8 16.6 25.0#
153 18.4 11.0 16.6#





#11
Acenaphthene
Concen: 13.415 ng/ul
RT: 14.707 min Scan# 2591
Delta R.T. 0.005 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

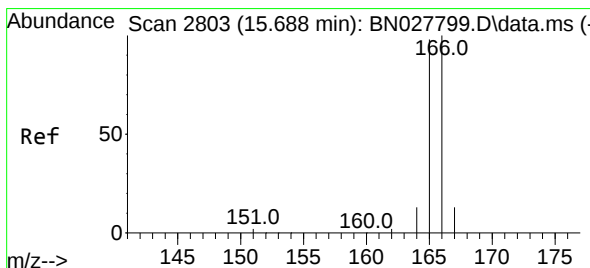
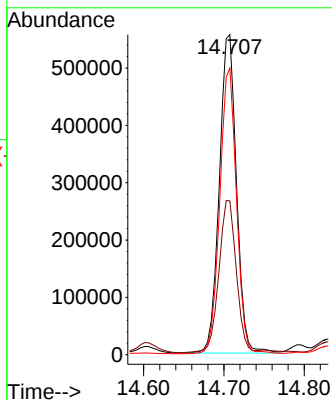
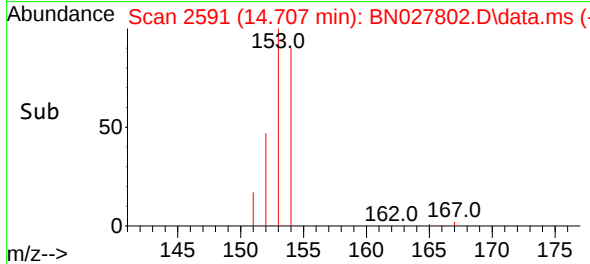
Instrument :
BNA_N
ClientSampleId :
EZYG3



Tgt Ion:153 Resp: 825638
Ion Ratio Lower Upper
153 100
152 48.1 41.7 62.5
154 89.6 70.3 105.5

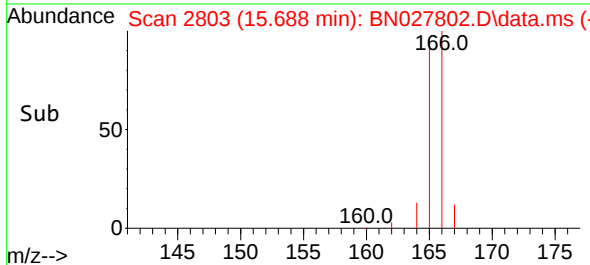
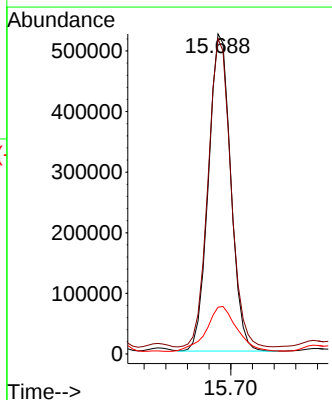
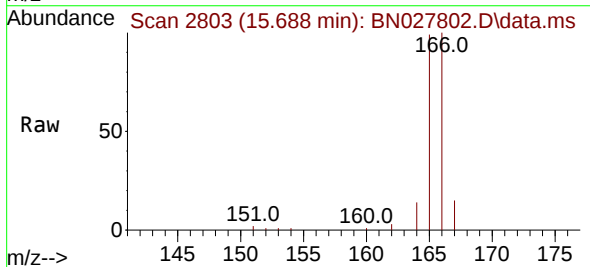
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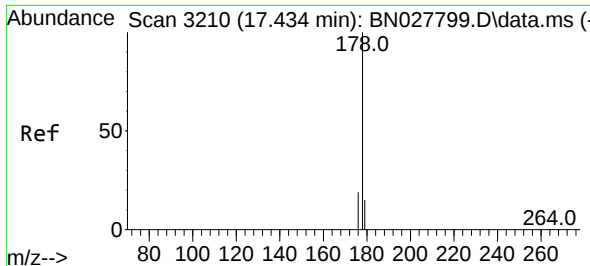
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#12
Fluorene
Concen: 10.299 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

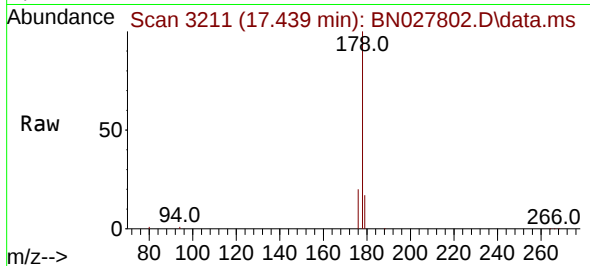
Tgt Ion:166 Resp: 745290
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 14.6 11.4 17.2





#15
Phenanthrene
Concen: 34.038 ng/u1
RT: 17.439 min Scan# 3211
Delta R.T. 0.004 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

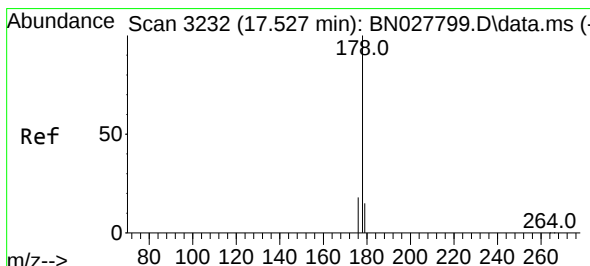
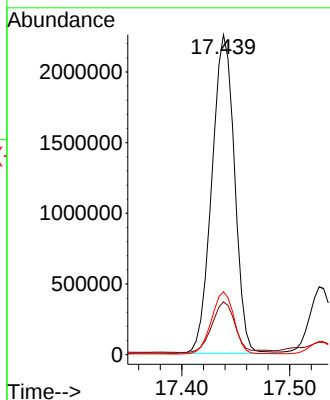
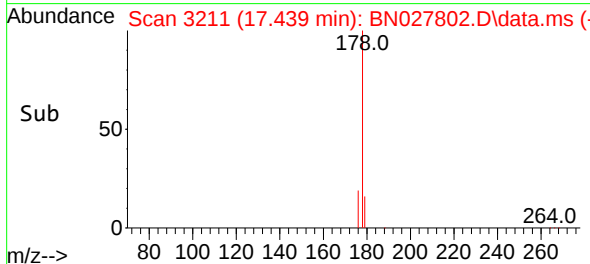
Instrument :
BNA_N
ClientSampleId :
EZYG3



Tgt Ion:178 Resp: 329369
Ion Ratio Lower Upper
178 100
179 16.5 12.4 18.6
176 19.7 16.0 24.0

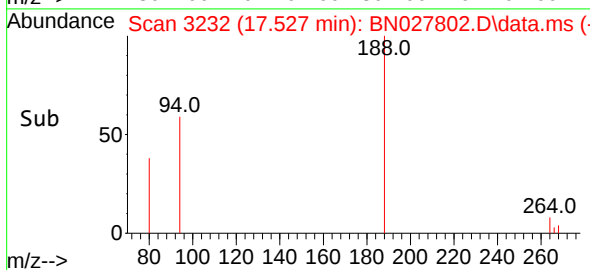
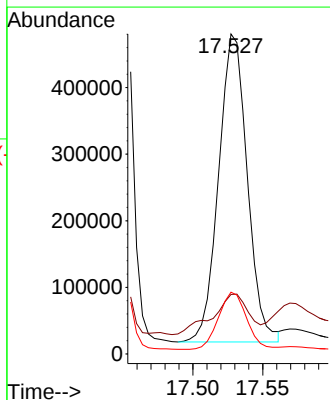
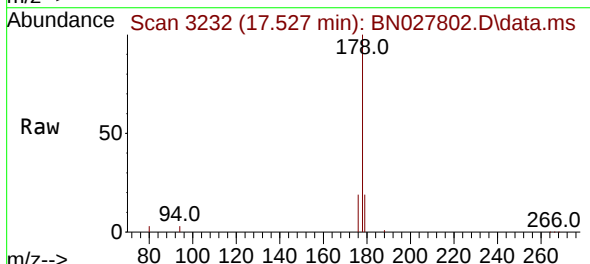
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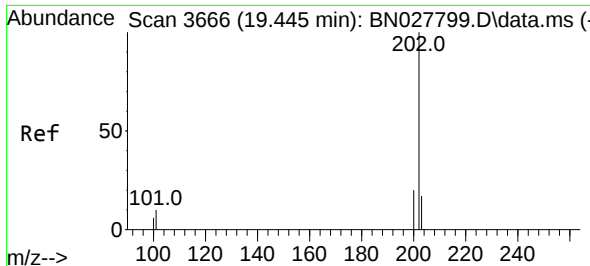
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 8.144 ng/u1
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

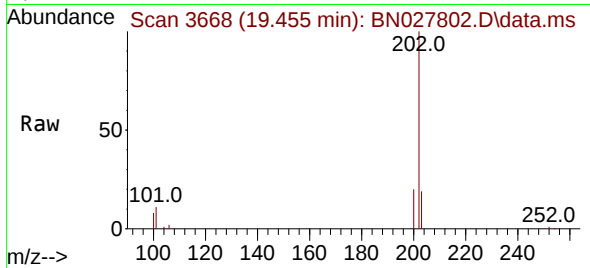
Tgt Ion:178 Resp: 659774
Ion Ratio Lower Upper
178 100
179 18.6 12.6 19.0
176 19.3 15.5 23.3





#19
Fluoranthene
Concen: 41.947 ng/u1
RT: 19.455 min Scan# 3666
Delta R.T. 0.009 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

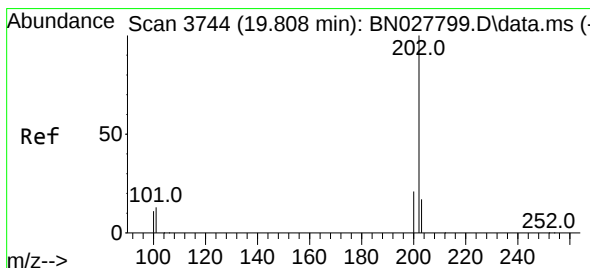
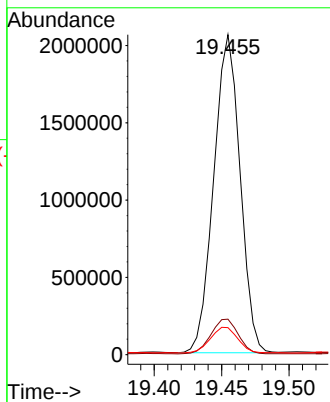
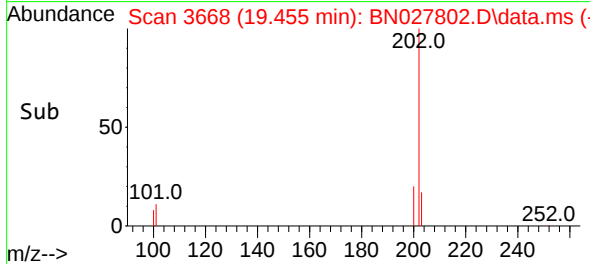
Instrument :
BNA_N
ClientSampleId :
EZYG3



Tgt Ion:202 Resp: 2792819
Ion Ratio Lower Upper
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101 11.1 9.3 13.9
100 8.5 7.0 10.4

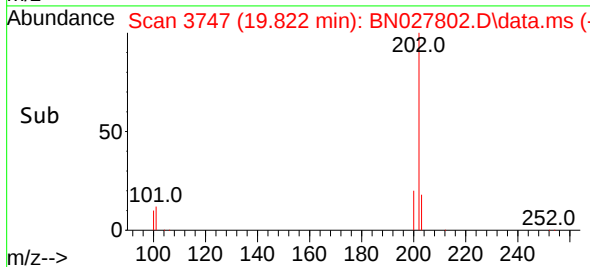
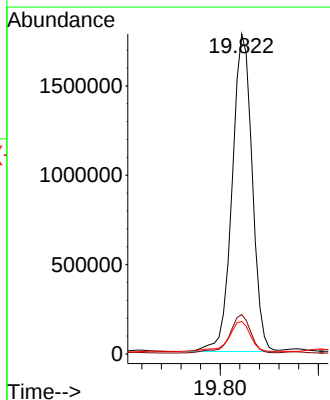
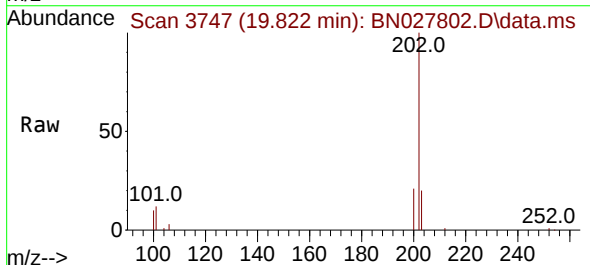
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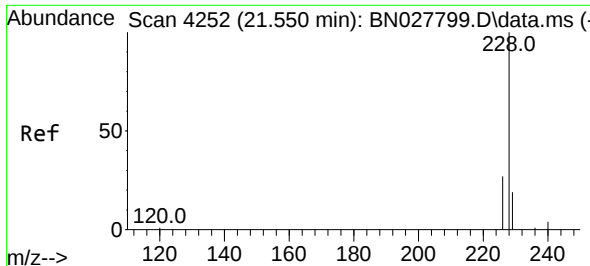
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 36.876 ng/u1
RT: 19.822 min Scan# 3747
Delta R.T. 0.009 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

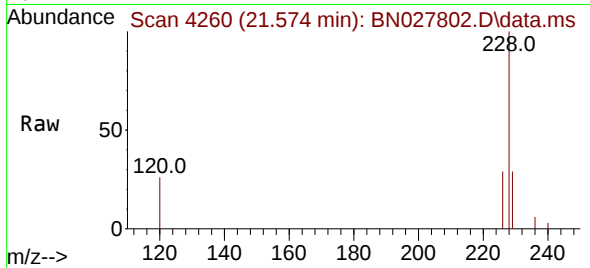
Tgt Ion:202 Resp: 2529175
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 8.048 ng/u1
RT: 21.574 min Scan# 41
Delta R.T. 0.020 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

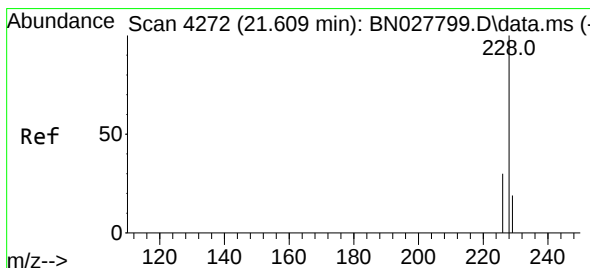
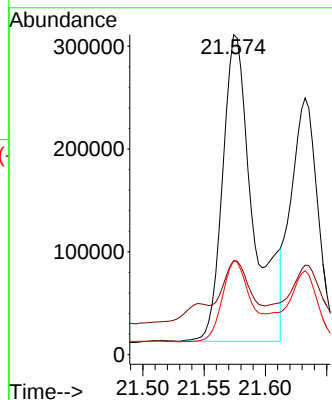
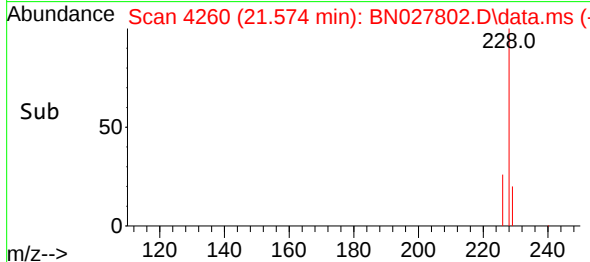
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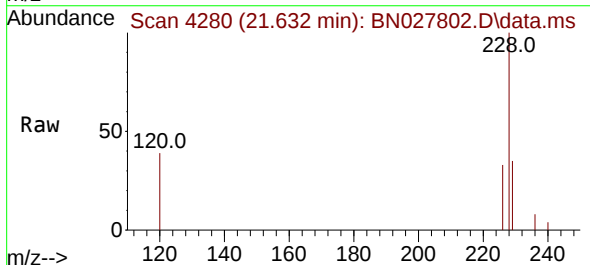
Tgt Ion:228 Resp: 51275
Ion Ratio Lower Upper
228 100
229 29.4 15.8 23.8
226 29.4 22.0 33.0

Manual Integrations
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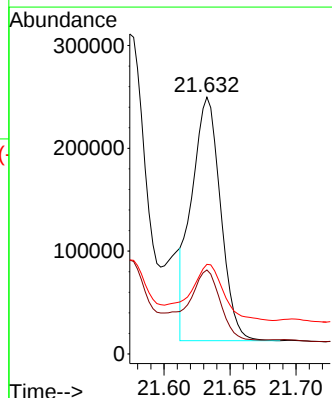
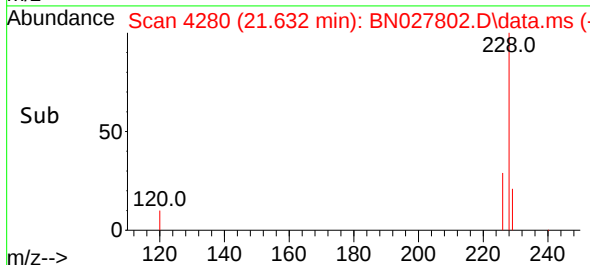
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

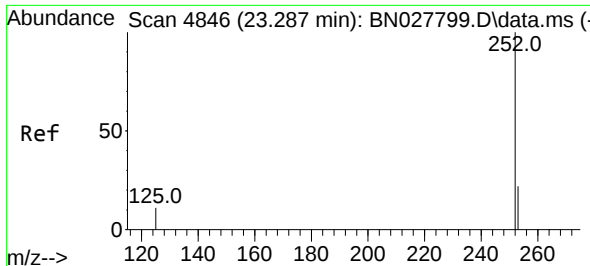


#22
Chrysene
Concen: 5.482 ng/u1
RT: 21.632 min Scan# 4280
Delta R.T. 0.023 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56



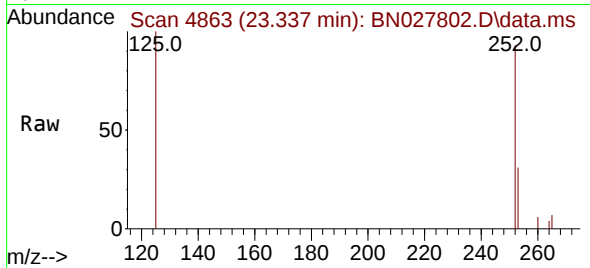
Tgt Ion:228 Resp: 360894
Ion Ratio Lower Upper
228 100
226 32.7 24.5 36.7
229 34.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 7.081 ng/ul m
RT: 23.337 min Scan# 4863
Delta R.T. 0.047 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

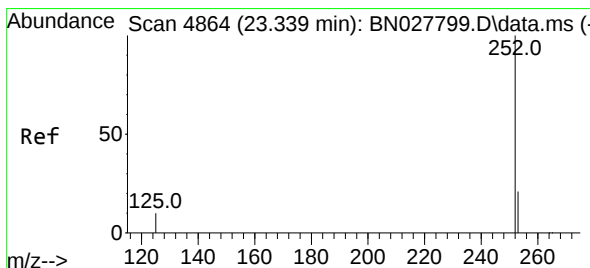
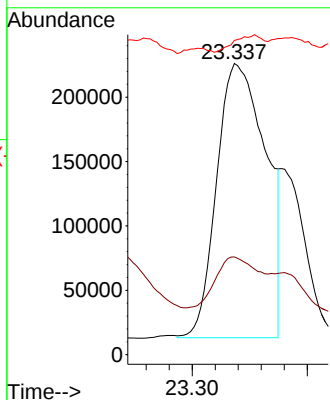
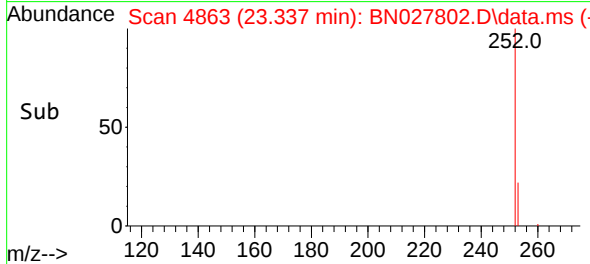
Instrument :
BNA_N
ClientSampleId :
EZYG3



Tgt Ion:252 Resp: 632040
Ion Ratio Lower Upper
252 100
253 33.5 0.0 50.2
125 107.9 0.0 31.4

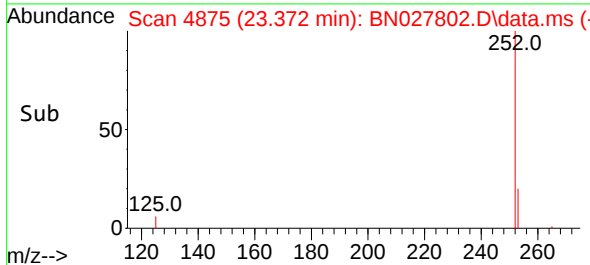
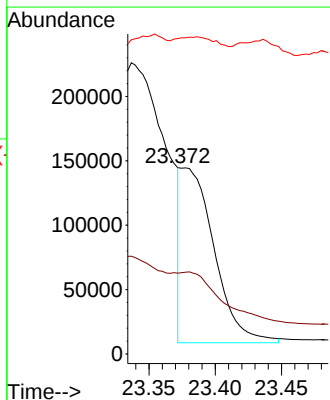
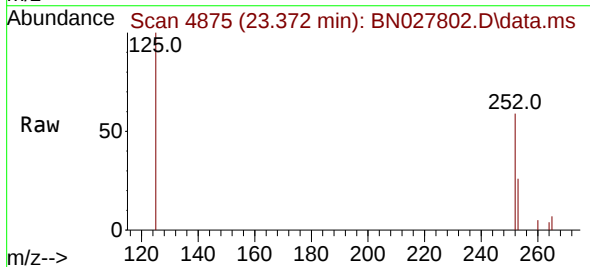
Manual Integrations
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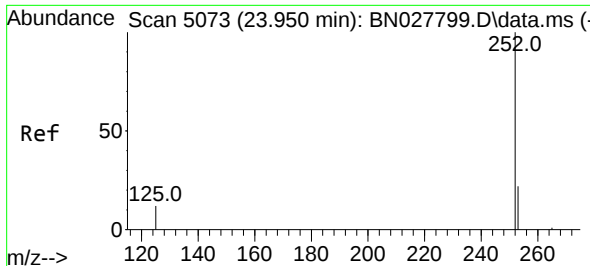
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 2.759 ng/ul m
RT: 23.372 min Scan# 4875
Delta R.T. 0.029 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

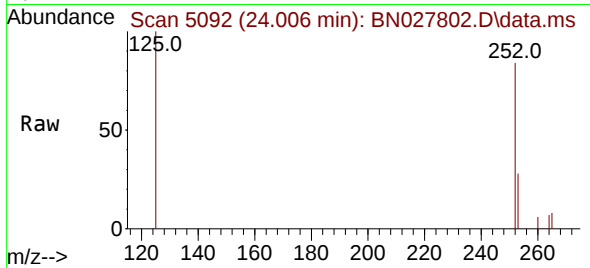
Tgt Ion:252 Resp: 238670
Ion Ratio Lower Upper
252 100
253 43.4 19.9 29.9#
125 169.4 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 5.873 ng/ul
RT: 24.006 min Scan# 5073
Delta R.T. 0.056 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

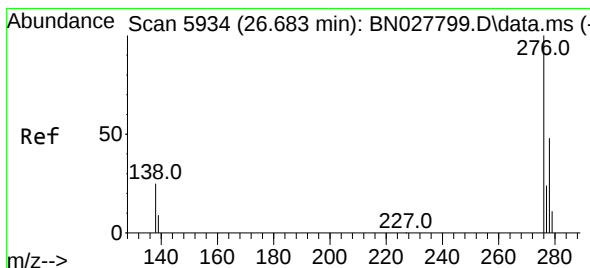
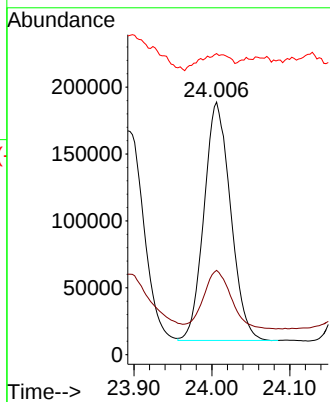
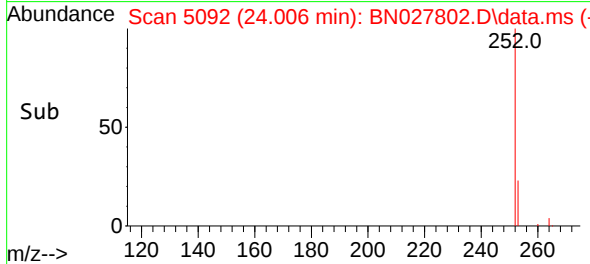
Instrument :
BNA_N
ClientSampleId :
EZYG3



Tgt Ion:252 Resp: 421564
Ion Ratio Lower Upper
252 100
253 33.4 21.9 32.9
125 119.2 15.5 23.3

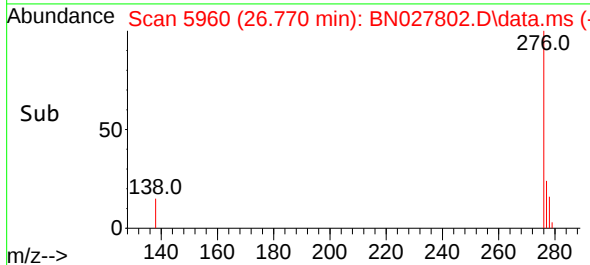
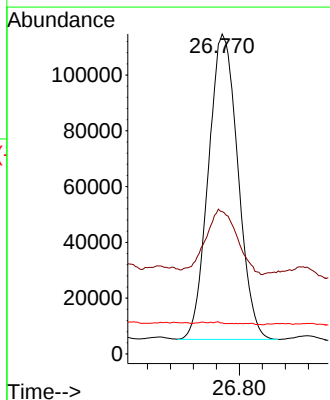
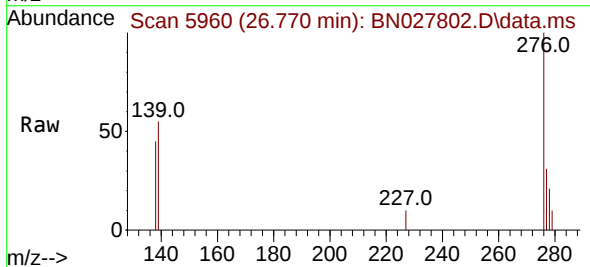
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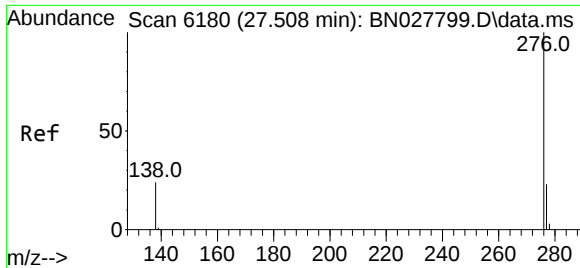
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.237 ng/ul
RT: 26.770 min Scan# 5960
Delta R.T. 0.087 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

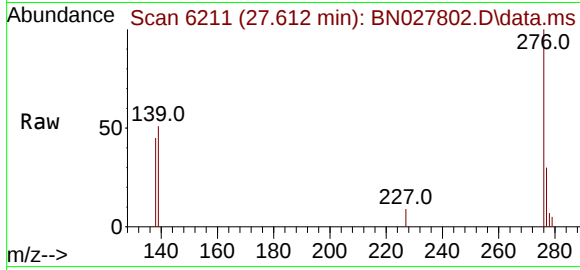
Tgt Ion:276 Resp: 389742
Ion Ratio Lower Upper
276 100
138 23.0 24.3 36.5
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 5.087 ng/ul
RT: 27.612 min Scan# 61
Delta R.T. 0.107 min
Lab File: BN027802.D
Acq: 22 Sep 2023 00:56

Instrument :
BNA_N
ClientSampleId :
EZYG3



Tgt Ion:276 Resp: 397412
Ion Ratio Lower Upper
276 100
138 45.5 21.7 32.5
277 29.9 20.2 30.2

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Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

