

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027905.D
 Acq On : 27 Sep 2023 18:34
 Operator : MA/JU
 Sample : 04472-16RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM5RE

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 00:01:53 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	6606	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	24800	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	16098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	36810	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	34134	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	37745	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	10891	1.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5792	0.154	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	15274	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	7302	0.103	ng/ul	96
7) 2-Methylnaphthalene	12.434	142	1820	0.040	ng/ul	95
8) 1-Methylnaphthalene	12.654	142	1518	0.033	ng/ul	99
10) Acenaphthylene	14.333	152	5119	0.073	ng/ul#	87
11) Acenaphthene	14.666	153	3153	0.052	ng/ul	99
12) Fluorene	15.651	166	4229	0.059	ng/ul#	91
15) Phenanthrene	17.396	178	36224	0.313	ng/ul#	96
16) Anthracene	17.489	178	11092	0.115	ng/ul#	88
19) Fluoranthene	19.408	202	114071	0.826	ng/ul	96
20) Pyrene	19.780	202	101633m	0.715	ng/ul	
21) Benzo(a)anthracene	21.524	228	62135	0.470	ng/ul#	90
22) Chrysene	21.580	228	68761	0.504	ng/ul#	89
24) Benzo(b)fluoranthene	23.249	252	84017m	0.499	ng/ul	
25) Benzo(k)fluoranthene	23.296	252	32385m	0.199	ng/ul	
26) Benzo(a)pyrene	23.904	252	58022	0.429	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.613	276	36394	0.210	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.629	278	11295	0.081	ng/ul#	48
29) Benzo(g,h,i)perylene	27.424	276	35714	0.243	ng/ul	96

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

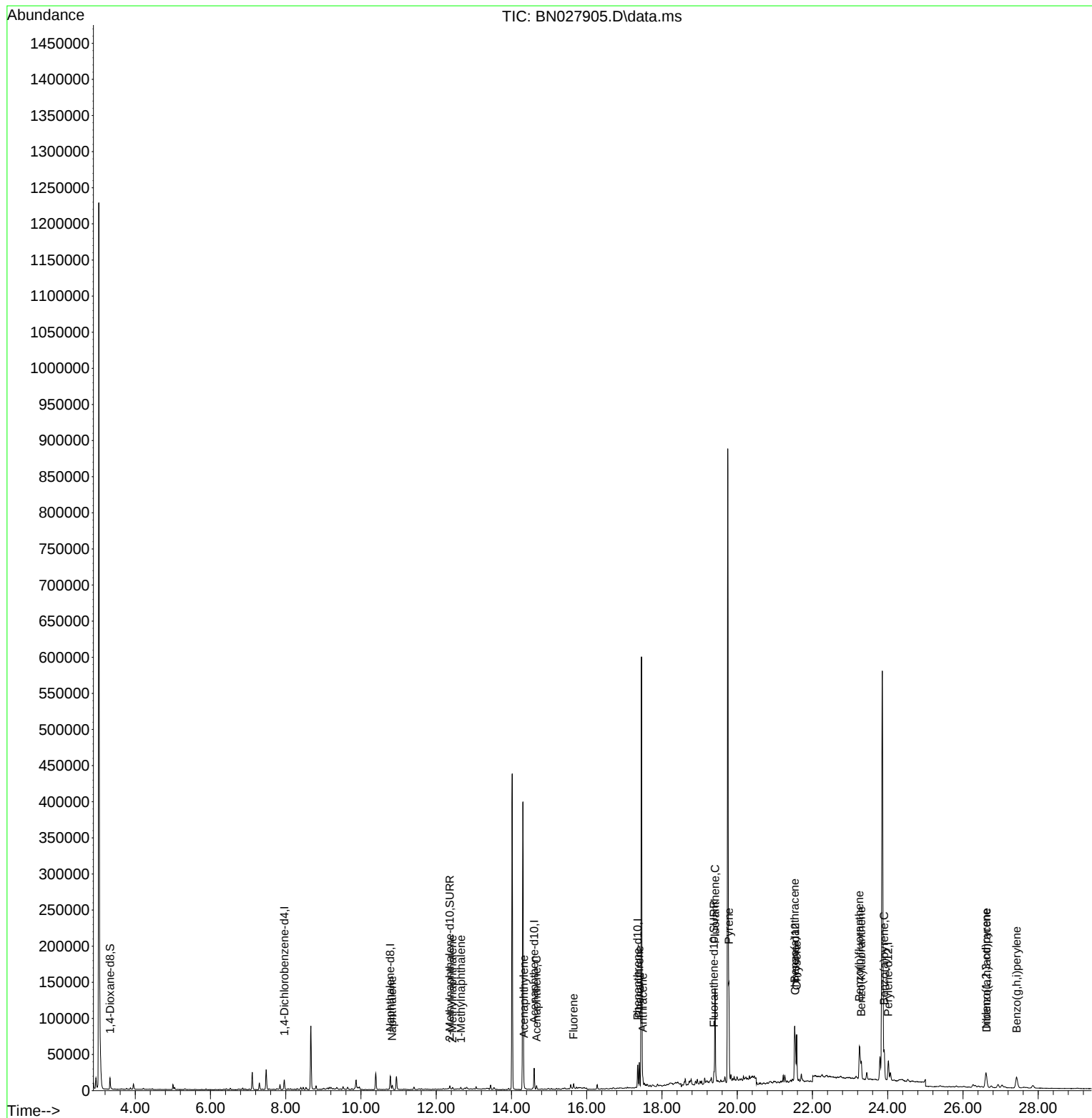
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
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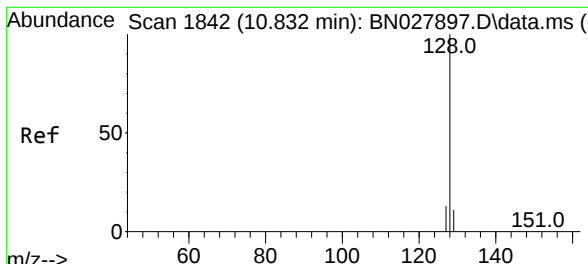
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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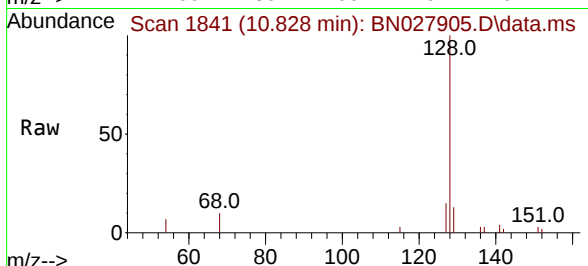
#5
 Naphthalene
 Concen: 0.103 ng/ul
 RT: 10.828 min Scan# 1841
 Delta R.T. -0.005 min
 Lab File: BN027905.D
 Acq: 27 Sep 2023 18:34

Instrument :

BNA_N

ClientSampleId :

EZYM5RE



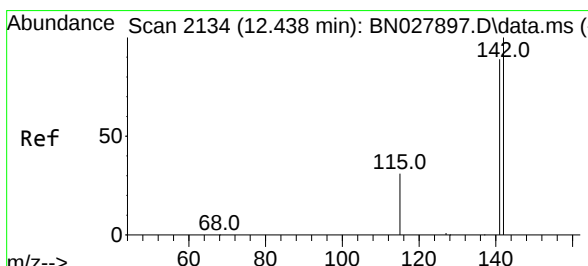
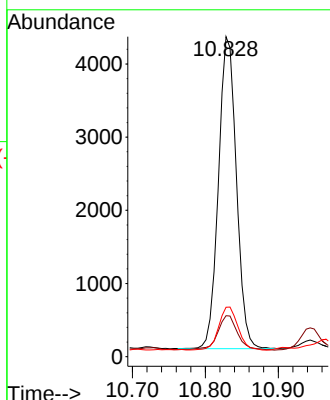
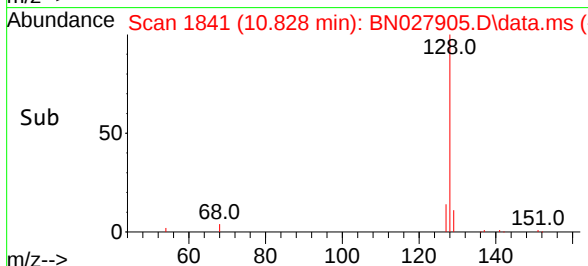
Tgt Ion:	128	Resp:	730
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.3	13.9
127	15.5	10.7	16.1

Manual Integrations

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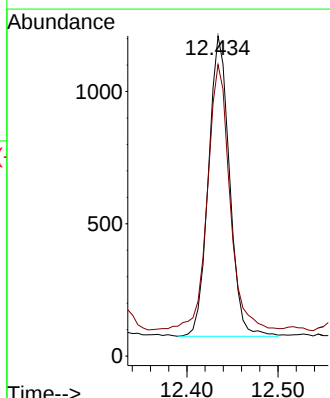
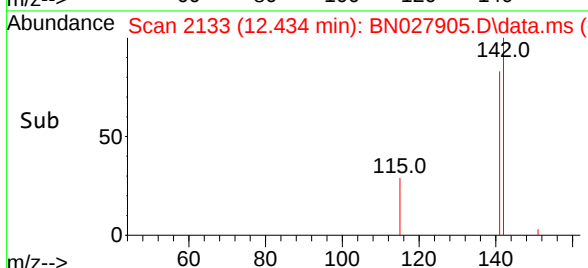
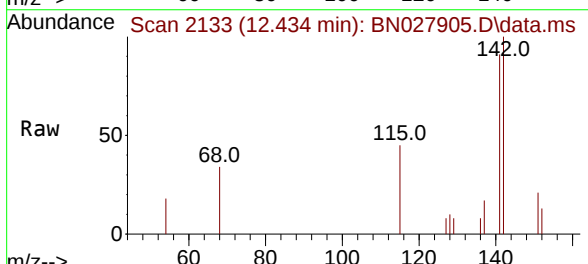
Reviewed By :Yogesh Patel 09/28/2023

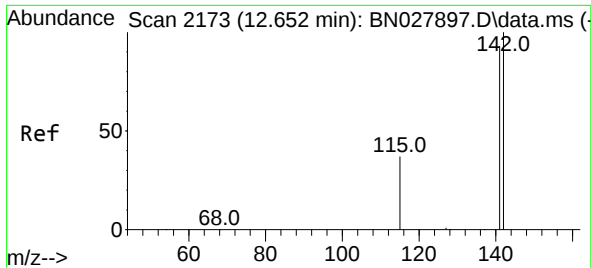
Supervised By :mohammad ahmed 09/28/2023



#7
 2-Methylnaphthalene
 Concen: 0.040 ng/ul
 RT: 12.434 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: BN027905.D
 Acq: 27 Sep 2023 18:34

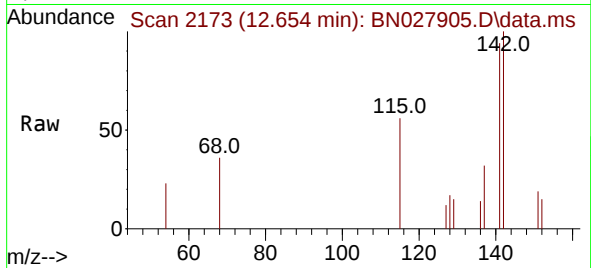
Tgt Ion:	142	Resp:	1820
Ion Ratio	Lower	Upper	
142	100		
141	93.4	71.1	106.7





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

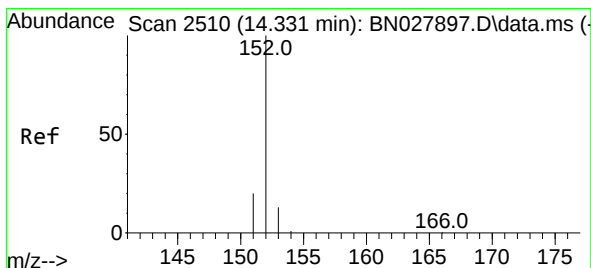
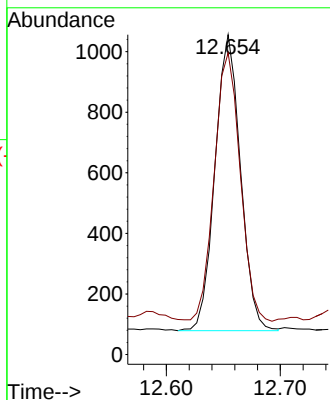
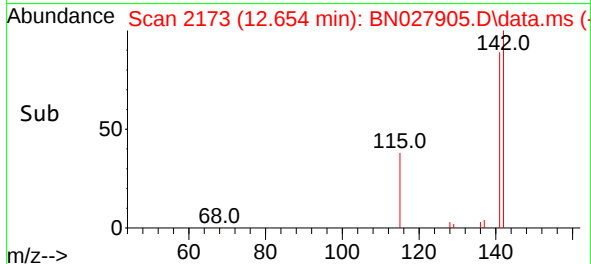
Instrument :
BNA_N
ClientSampleId :
EZYMSRE



Tgt Ion:142 Resp: 1518
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2

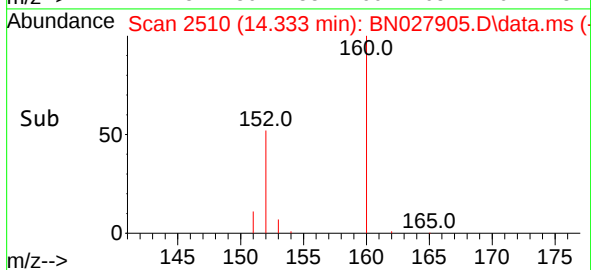
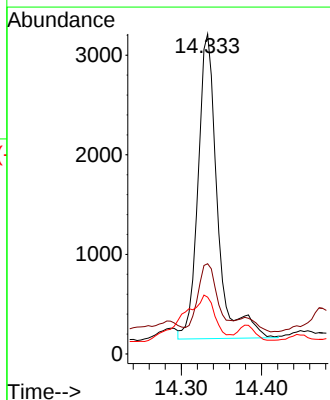
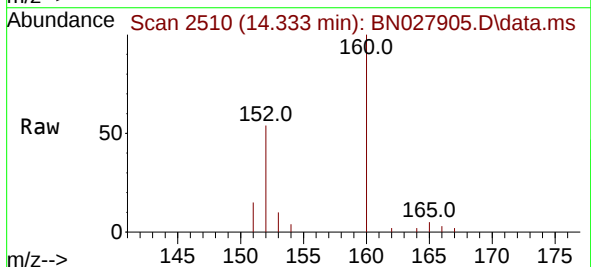
Manual Integrations
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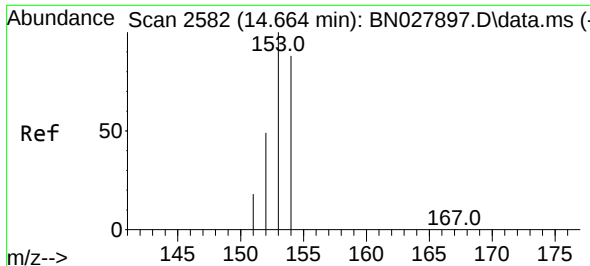
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

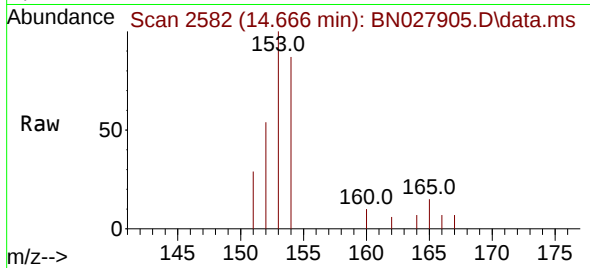
Tgt Ion:152 Resp: 5119
Ion Ratio Lower Upper
152 100
151 28.2 16.6 25.0#
153 17.8 11.0 16.6#





#11
Acenaphthene
Concen: 0.052 ng/u1
RT: 14.666 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

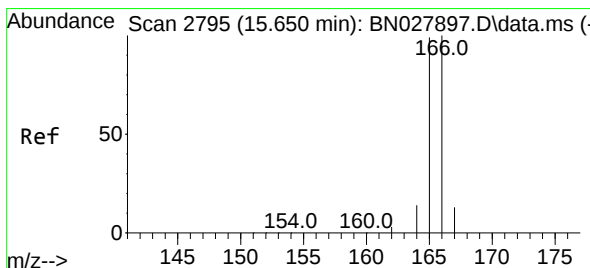
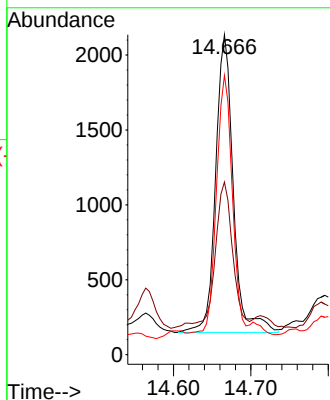
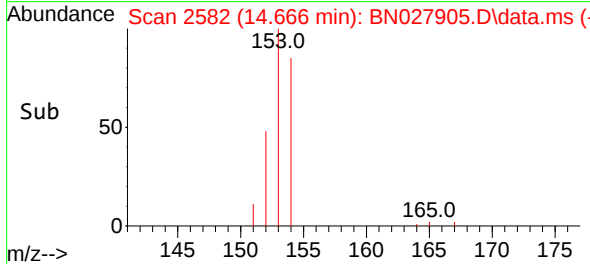
Instrument :
BNA_N
ClientSampleId :
EZYMSRE



Tgt Ion:153 Resp: 315
Ion Ratio Lower Upper
153 100
152 53.9 41.7 62.5
154 87.3 70.3 105.5

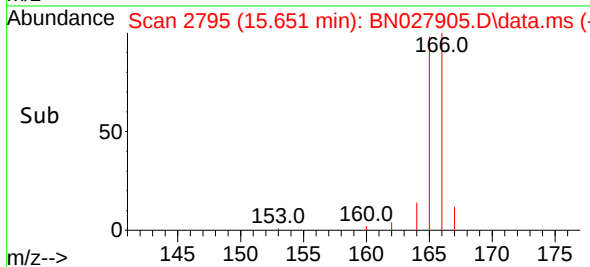
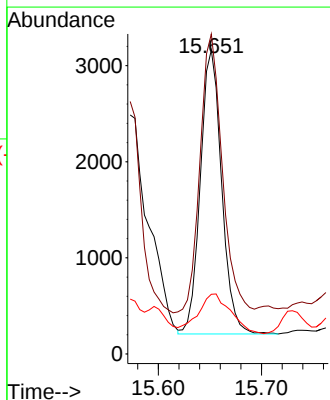
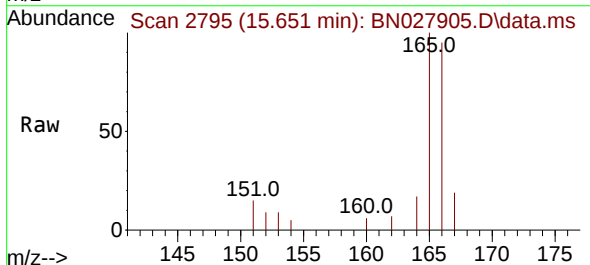
Manual Integrations
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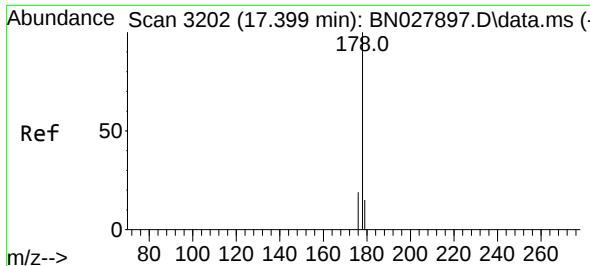
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#12
Fluorene
Concen: 0.059 ng/u1
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

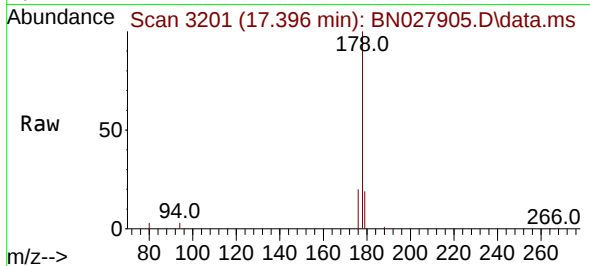
Tgt Ion:166 Resp: 4229
Ion Ratio Lower Upper
166 100
165 105.3 78.0 117.0
167 19.6 11.4 17.2#





#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.396 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

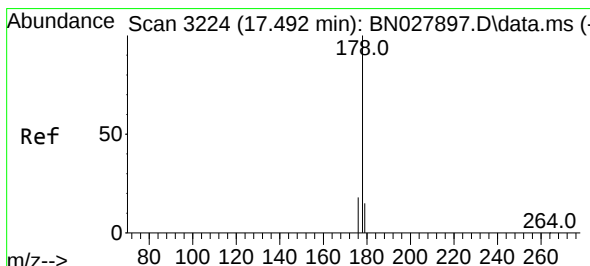
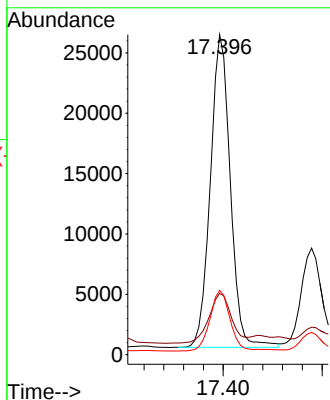
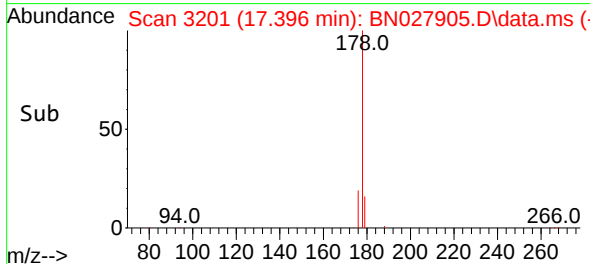
Instrument :
BNA_N
ClientSampleId :
EZYM5RE



Tgt Ion:178 Resp: 36224
Ion Ratio Lower Upper
178 100
179 19.1 12.4 18.6
176 20.1 16.0 24.0

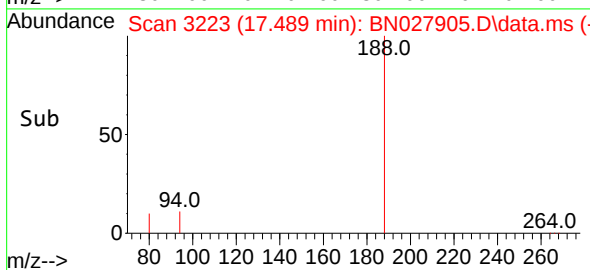
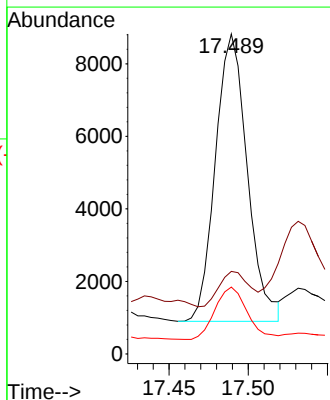
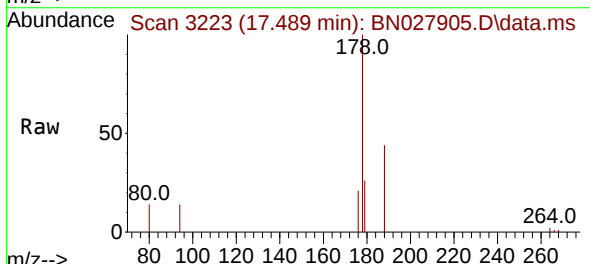
Manual Integrations
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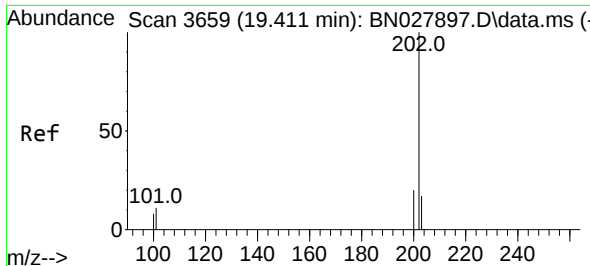
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#16
Anthracene
Concen: 0.115 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

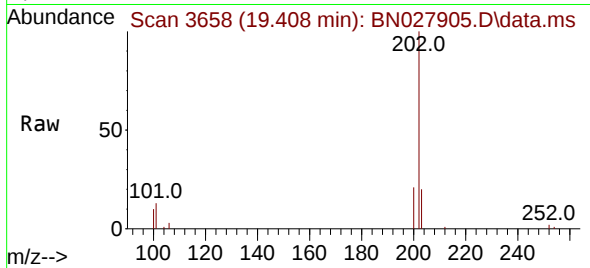
Tgt Ion:178 Resp: 11092
Ion Ratio Lower Upper
178 100
179 25.8 12.6 19.0#
176 20.9 15.5 23.3





#19
Fluoranthene
Concen: 0.826 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

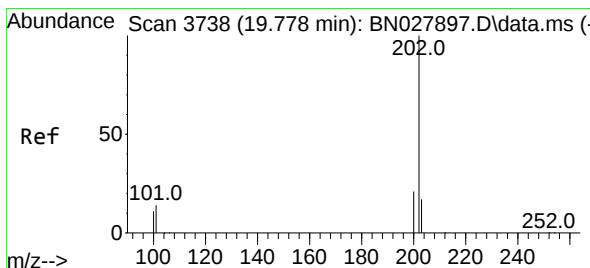
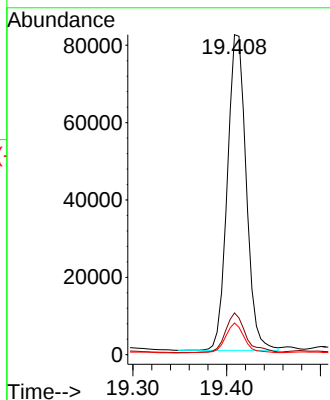
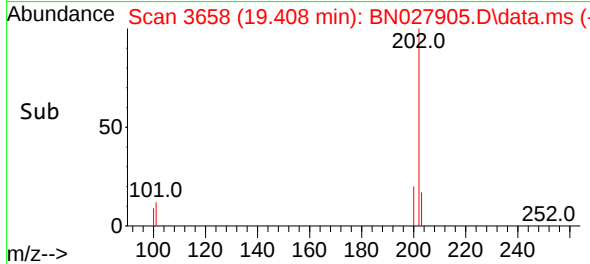
Instrument :
BNA_N
ClientSampleId :
EZYMSRE



Tgt Ion:202 Resp: 11407
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 9.9 7.0 10.4

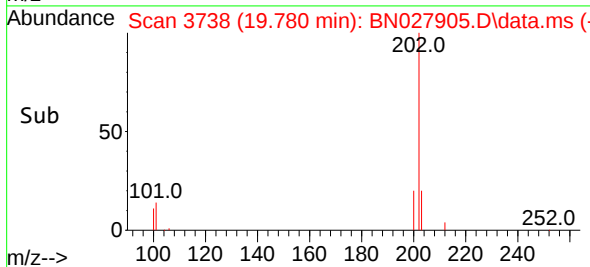
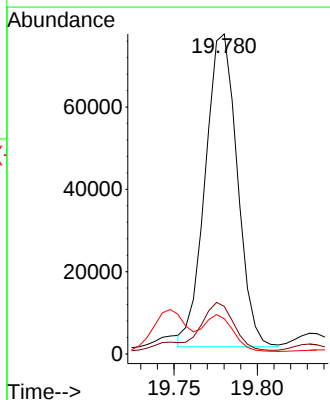
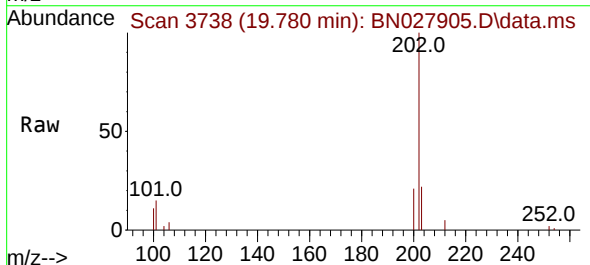
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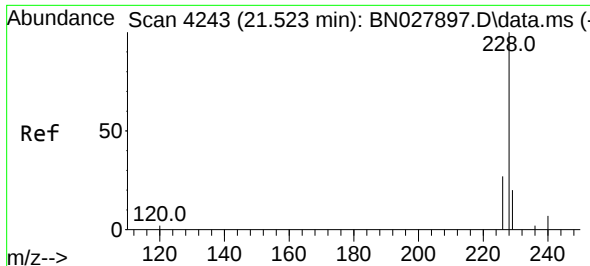
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 0.715 ng/ul m
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

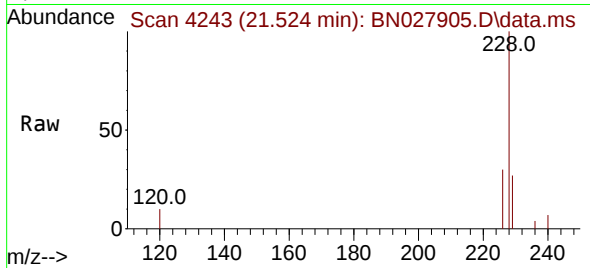
Tgt Ion:202 Resp: 101633
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.470 ng/ul
RT: 21.524 min Scan# 4243
Delta R.T. 0.006 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

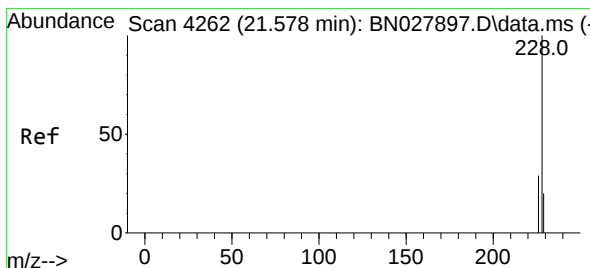
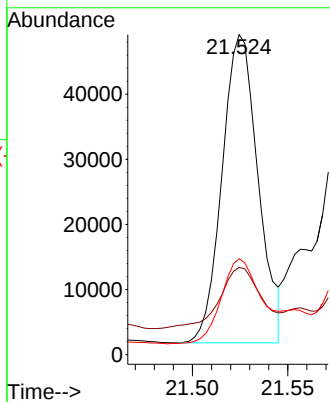
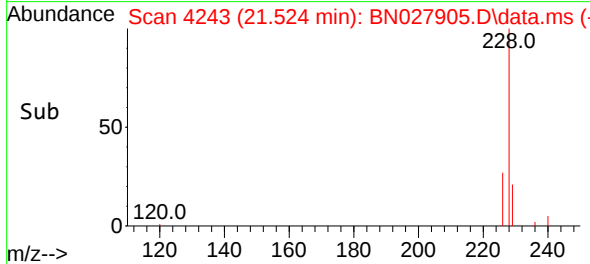
Instrument :
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ClientSampleId :
EZYMSRE



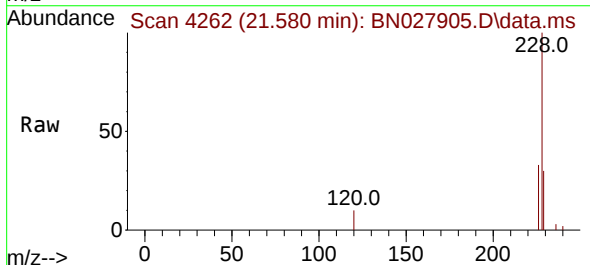
Tgt Ion:228 Resp: 62135
Ion Ratio Lower Upper
228 100
229 27.3 15.8 23.8
226 30.0 22.0 33.0

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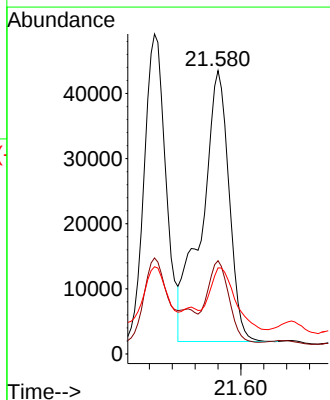
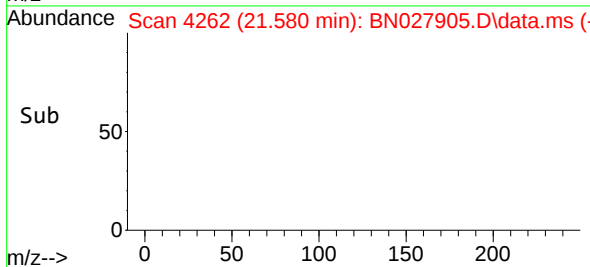
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

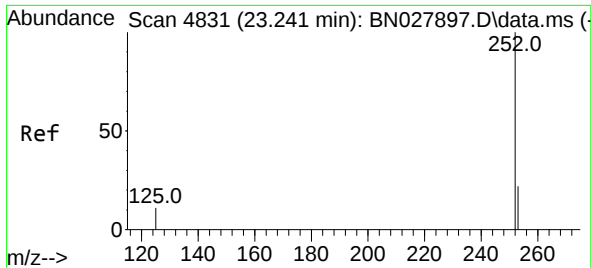


#22
Chrysene
Concen: 0.504 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34



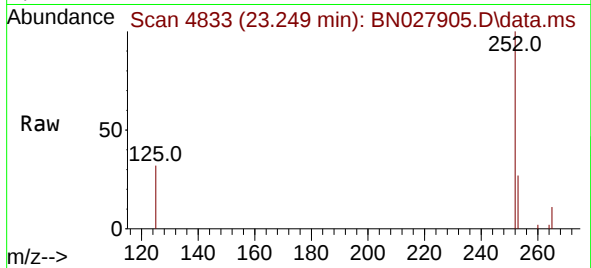
Tgt Ion:228 Resp: 68761
Ion Ratio Lower Upper
228 100
226 32.9 24.5 36.7
229 30.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.499 ng/ul m
RT: 23.249 min Scan# 4833
Delta R.T. 0.009 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

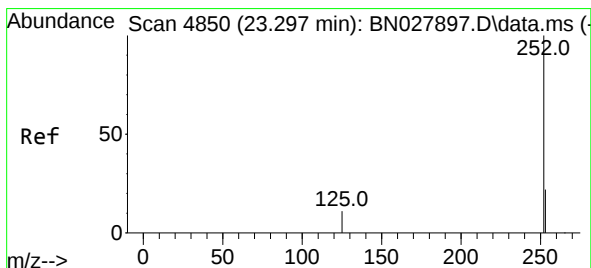
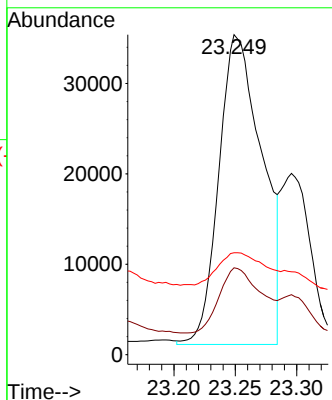
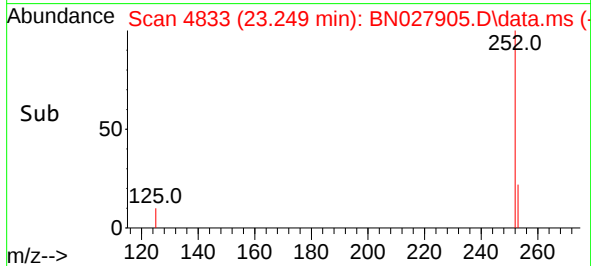
Instrument :
BNA_N
ClientSampleId :
EZYM5RE



Tgt Ion:252 Resp: 8401
Ion Ratio Lower Upper
252 100
253 27.2 0.0 50.2
125 31.8 0.0 31.4

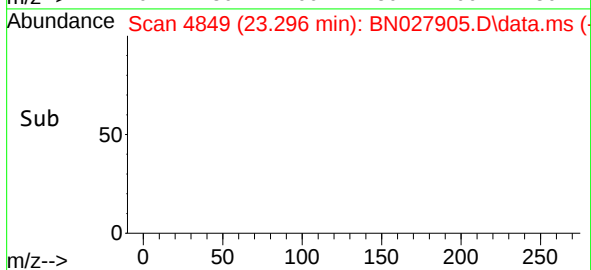
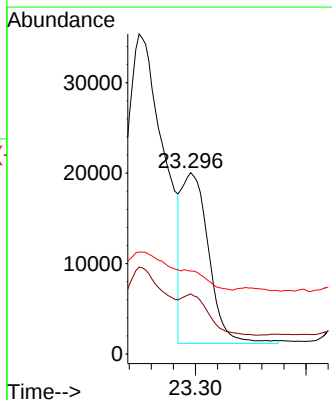
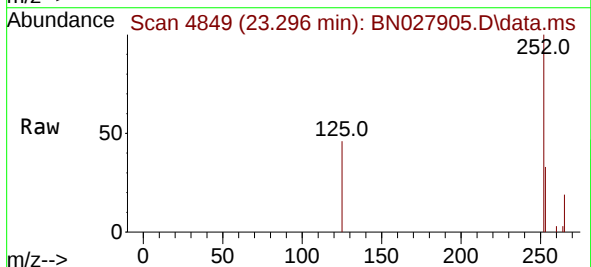
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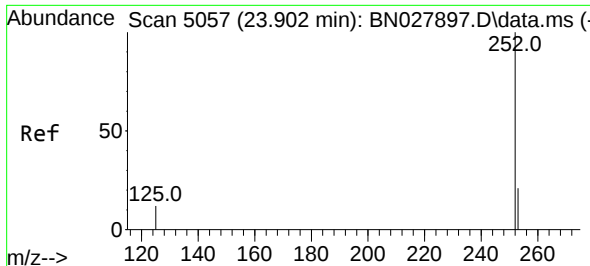
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.199 ng/ul m
RT: 23.296 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

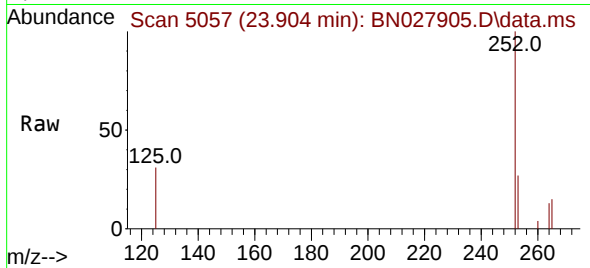
Tgt Ion:252 Resp: 32385
Ion Ratio Lower Upper
252 100
253 33.1 19.9 29.9#
125 45.8 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.904 min Scan# 5057
Delta R.T. 0.009 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

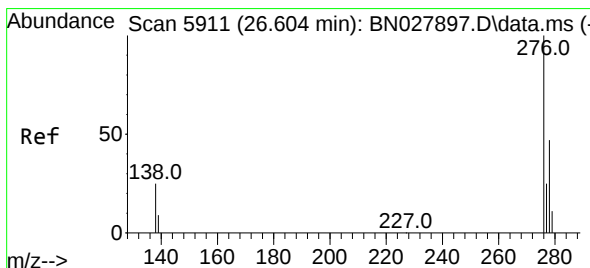
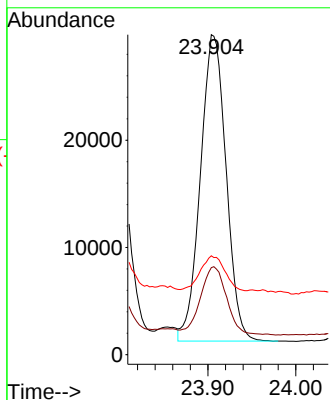
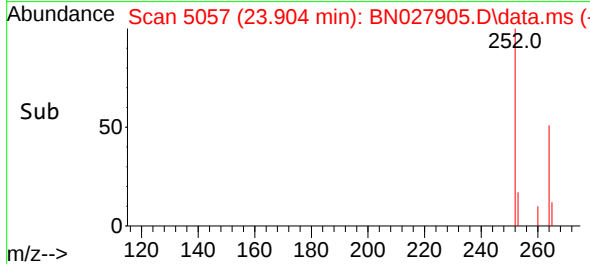
Instrument :
BNA_N
ClientSampleId :
EZYMSRE



Tgt Ion:252 Resp: 5802
Ion Ratio Lower Upper
252 100
253 27.2 21.9 32.9
125 30.9 15.5 23.3

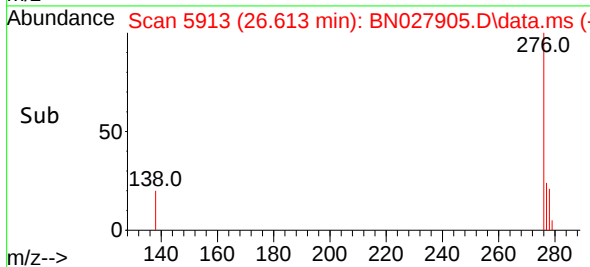
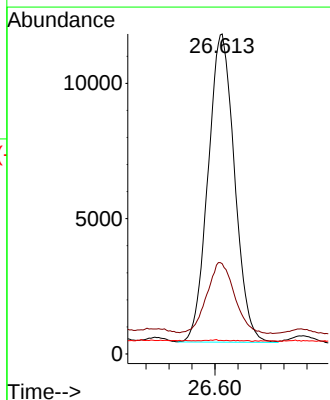
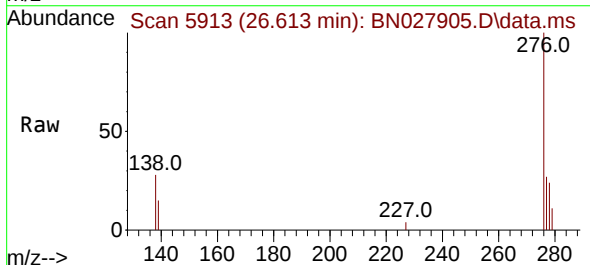
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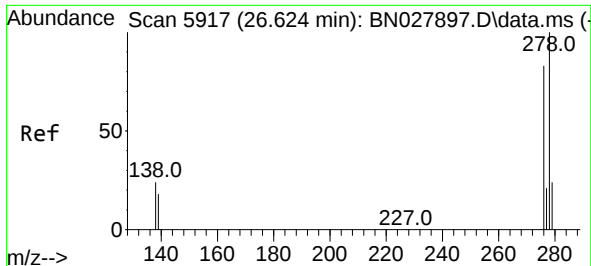
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 26.613 min Scan# 5913
Delta R.T. 0.013 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

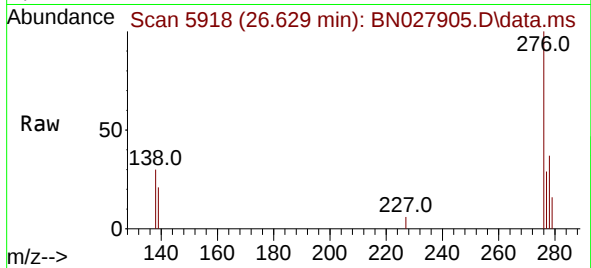
Tgt Ion:276 Resp: 36394
Ion Ratio Lower Upper
276 100
138 23.9 24.3 36.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 26.629 min Scan# 5917
Delta R.T. 0.007 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

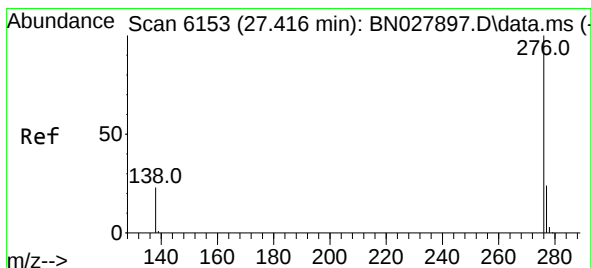
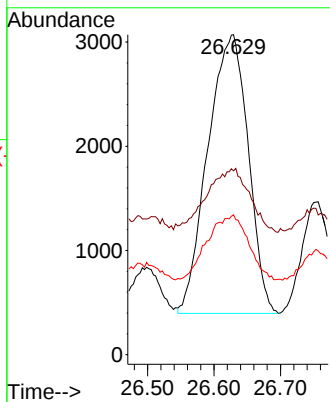
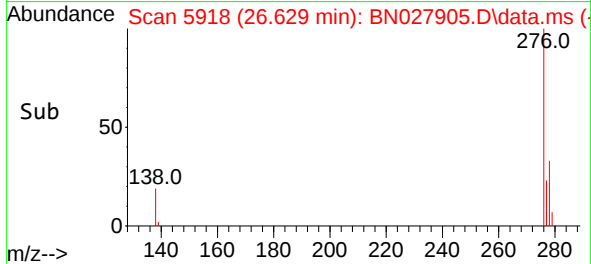
Instrument :
BNA_N
ClientSampleId :
EZYMSRE



Tgt Ion:278 Resp: 11290
Ion Ratio Lower Upper
278 100
139 57.5 17.2 25.8
279 43.7 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: 0.243 ng/ul
RT: 27.424 min Scan# 6155
Delta R.T. 0.013 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

Tgt Ion:276 Resp: 35714
Ion Ratio Lower Upper
276 100
138 28.8 21.7 32.5
277 27.4 20.2 30.2

