

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027948.D
 Acq On : 29 Sep 2023 05:08
 Operator : MA/JU
 Sample : 04417-27
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 05:47:51 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	7.970	152	4745	0.400	ng/ul	0.00
4) Naphthalene-d8	10.789	136	17123	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	11631	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	21296	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.559	240	13753	0.400	ng/ul	# 0.02
23) Perylene-d12	24.053	264	14185	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	12967	2.170	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	4394	0.169	ng/ul	0.01
18) Fluoranthene-d10	19.399	212	7176	0.171	ng/ul	0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.844	128	28649	0.585	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	61287	1.974	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	50832	1.587	ng/ul	99
10) Acenaphthylene	14.346	152	13154	0.259	ng/ul#	70
11) Acenaphthene	14.684	153	11793	0.269	ng/ul#	74
12) Fluorene	15.679	166	4823	0.093	ng/ul#	1
15) Phenanthrene	17.413	178	735731	10.994	ng/ul	99
16) Anthracene	17.506	178	65183	1.163	ng/ul#	93
19) Fluoranthene	19.431	202	659378	11.856	ng/ul	99
20) Pyrene	19.798	202	477073	8.327	ng/ul	98
21) Benzo(a)anthracene	21.542	228	200613	3.770	ng/ul#	87
22) Chrysene	21.597	228	228311	4.152	ng/ul#	87
24) Benzo(b)fluoranthene	23.281	252	245542m	3.883	ng/ul	
25) Benzo(k)fluoranthene	23.328	252	103937m	1.696	ng/ul	
26) Benzo(a)pyrene	23.942	252	137966	2.713	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	26.679	276	122702	1.883	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.693	278	36034	0.687	ng/ul#	1
29) Benzo(g,h,i)perylene	27.511	276	105045	1.898	ng/ul#	68

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

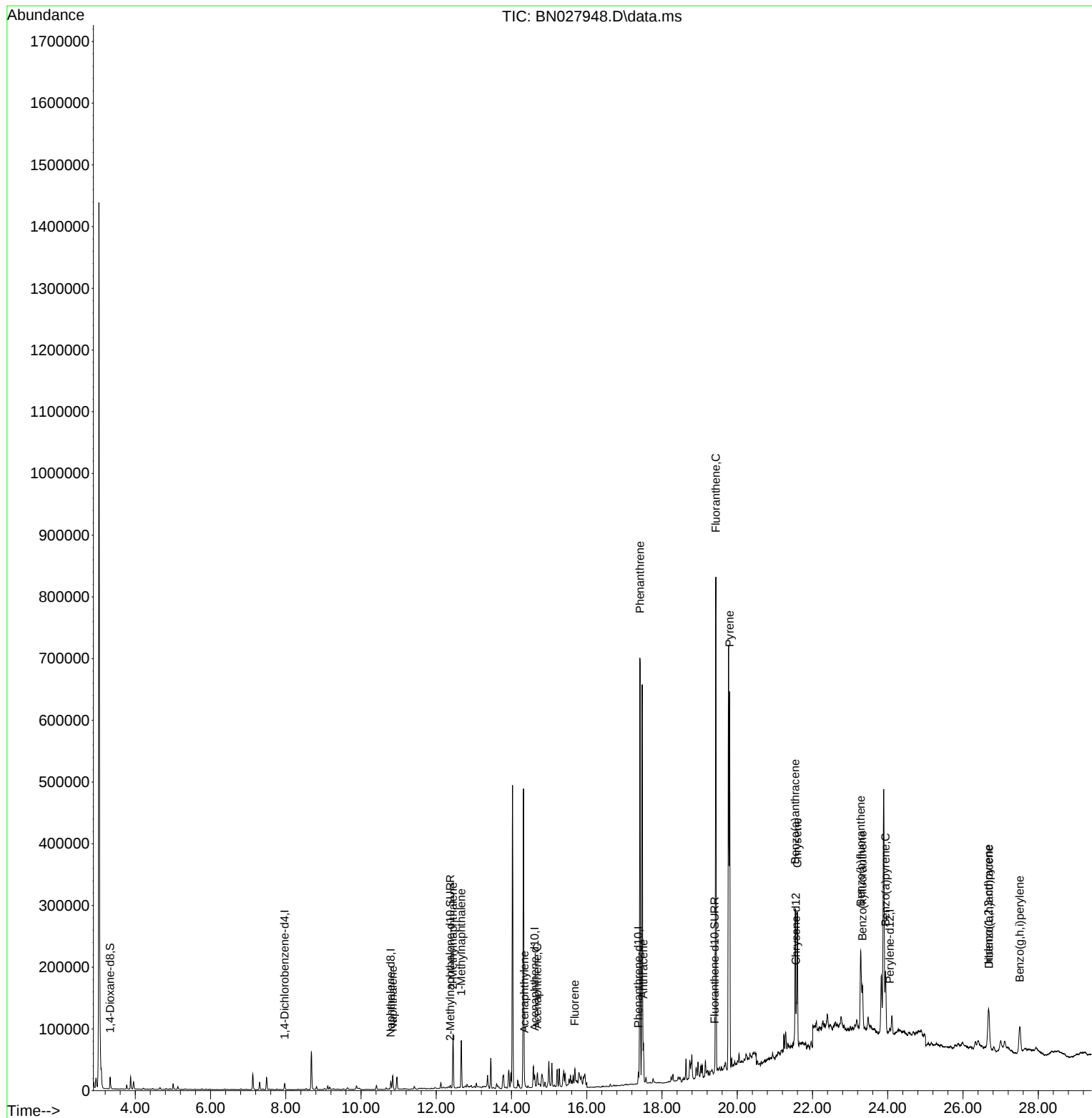
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027948.D
Acq On : 29 Sep 2023 05:08
Operator : MA/JU
Sample : 04417-27
Misc :
ALS Vial : 34 Sample Multiplier: 1

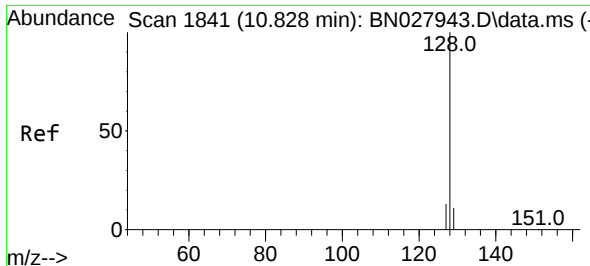
Instrument :
BNA_N
ClientSampleId :
EZYF3

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Supervised By :mohammad ahmed 09/30/2023

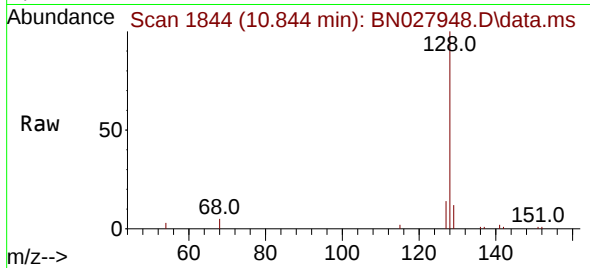
Quant Time: Sep 29 05:47:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.585 ng/ul
RT: 10.844 min Scan# 1844
Delta R.T. 0.011 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

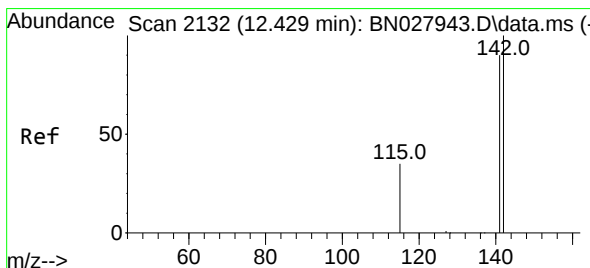
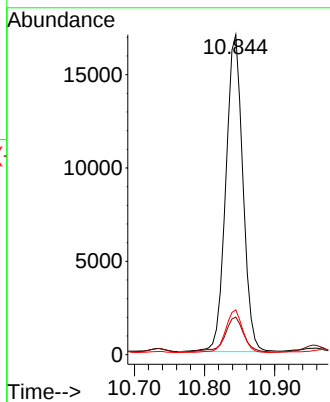
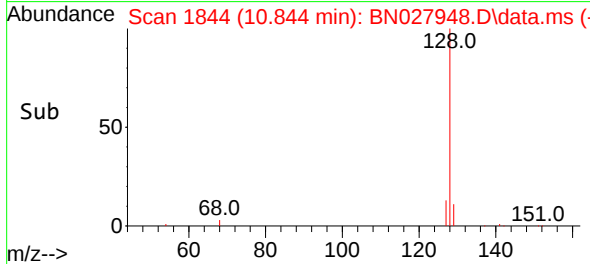
Instrument :
BNA_N
ClientSampleId :
EZYF3



Tgt Ion:128 Resp: 28649
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.0 10.7 16.1

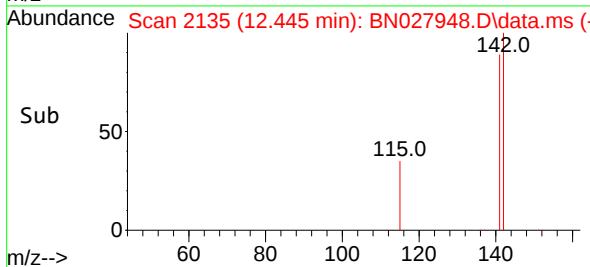
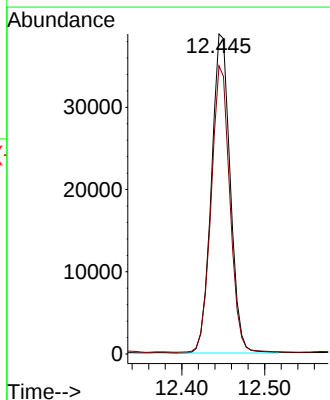
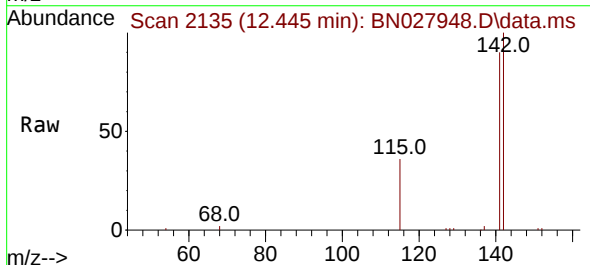
Manual Integrations
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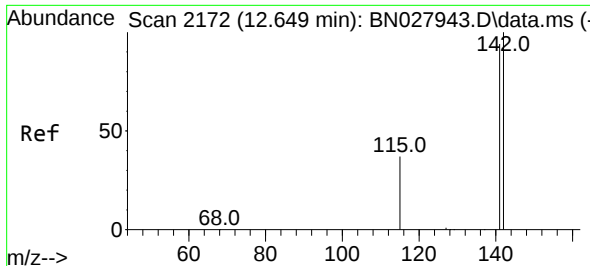
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#7
2-Methylnaphthalene
Concen: 1.974 ng/ul
RT: 12.445 min Scan# 2135
Delta R.T. 0.011 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

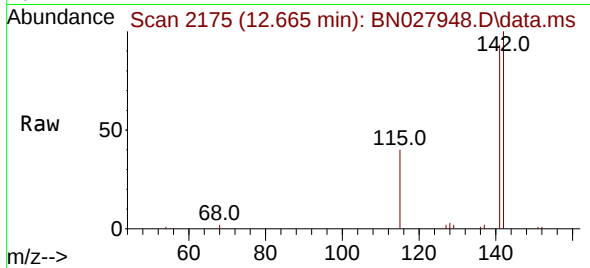
Tgt Ion:142 Resp: 61287
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.587 ng/ul
RT: 12.665 min Scan# 2175
Delta R.T. 0.011 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

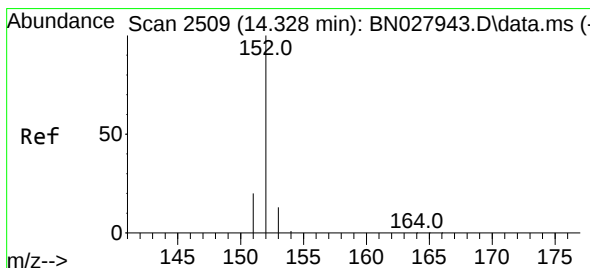
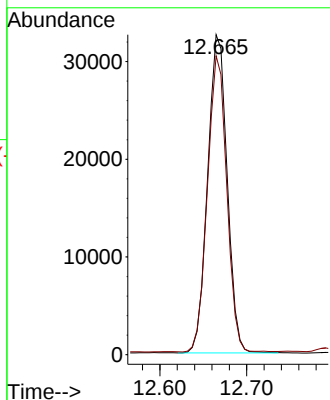
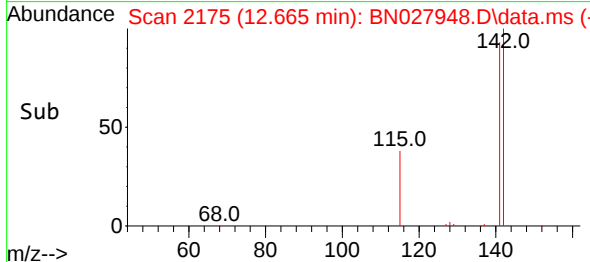
Instrument :
BNA_N
ClientSampleId :
EZYF3



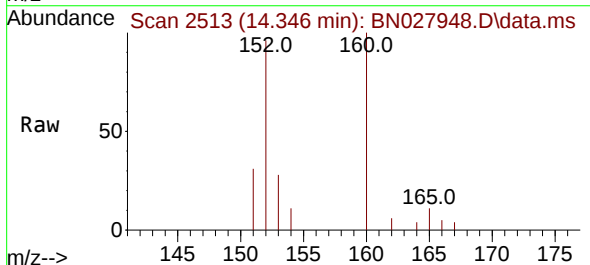
Tgt Ion:142 Resp: 5083
Ion Ratio Lower Upper
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141 92.1 72.8 109.2

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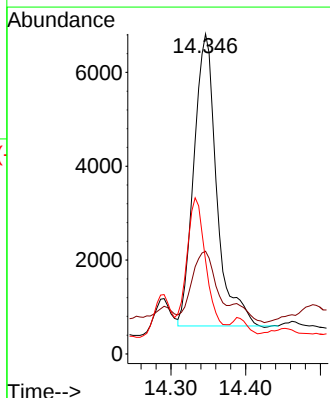
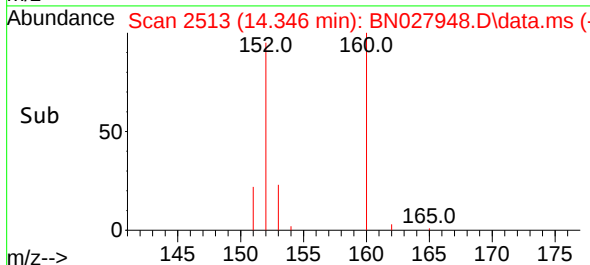
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

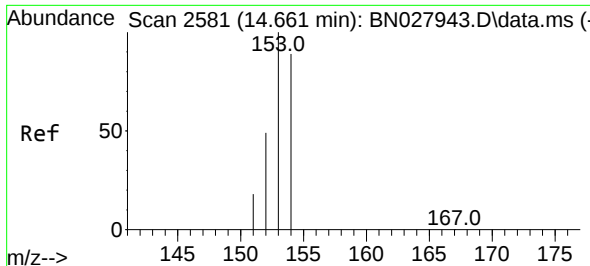


#10
Acenaphthylene
Concen: 0.259 ng/ul
RT: 14.346 min Scan# 2513
Delta R.T. 0.014 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08



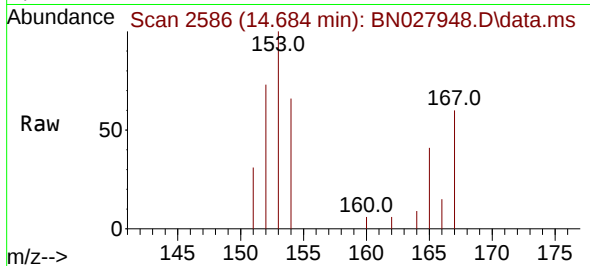
Tgt Ion:152 Resp: 13154
Ion Ratio Lower Upper
152 100
151 32.1 16.6 25.0#
153 29.2 11.0 16.6#





#11
Acenaphthene
Concen: 0.269 ng/u1
RT: 14.684 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

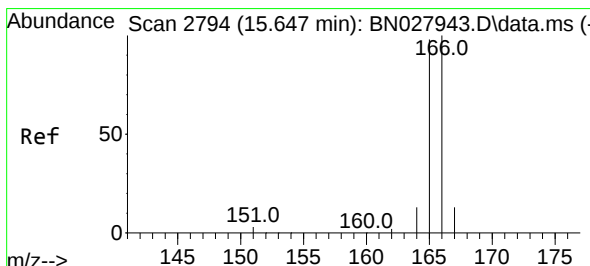
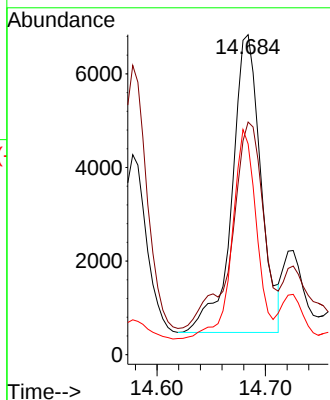
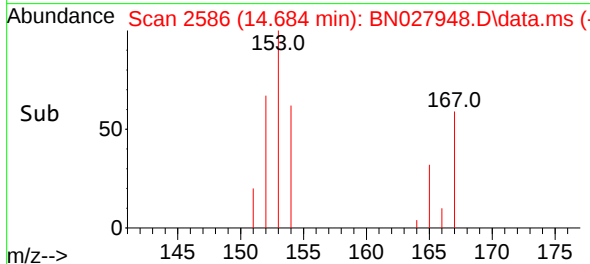
Instrument :
BNA_N
ClientSampleId :
EZYF3



Tgt Ion:153 Resp: 1179
Ion Ratio Lower Upper
153 100
152 72.7 41.7 62.5
154 65.8 70.3 105.5

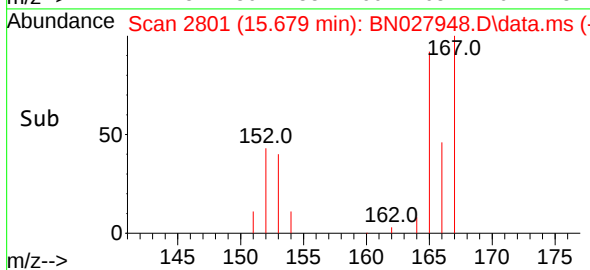
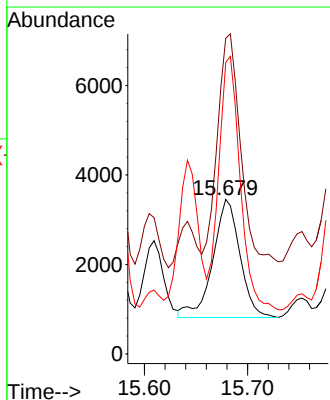
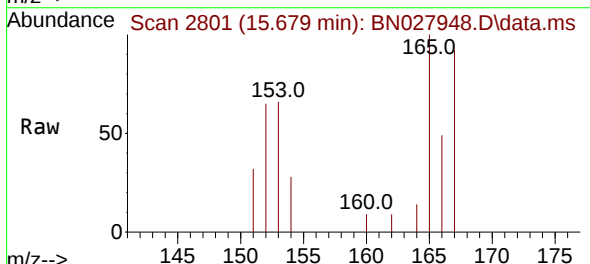
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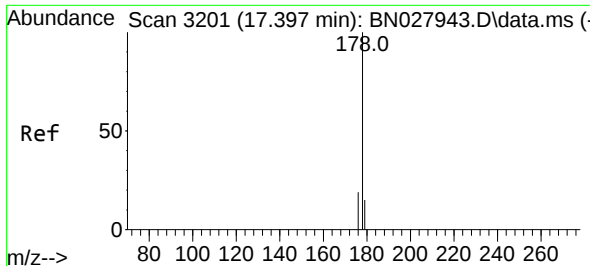
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#12
Fluorene
Concen: 0.093 ng/u1
RT: 15.679 min Scan# 2801
Delta R.T. 0.027 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

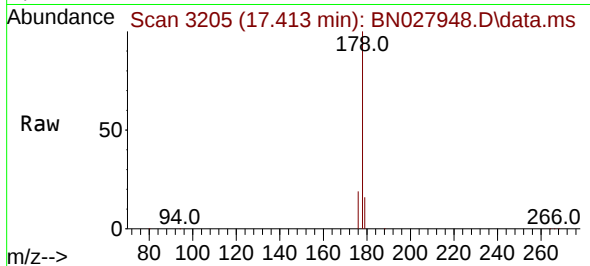
Tgt Ion:166 Resp: 4823
Ion Ratio Lower Upper
166 100
165 204.3 78.0 117.0#
167 188.7 11.4 17.2#





#15
Phenanthrene
Concen: 10.994 ng/u1
RT: 17.413 min Scan# 3205
Delta R.T. 0.017 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

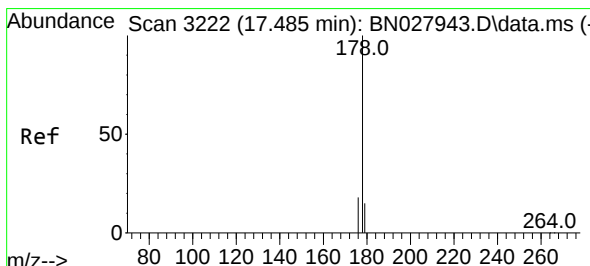
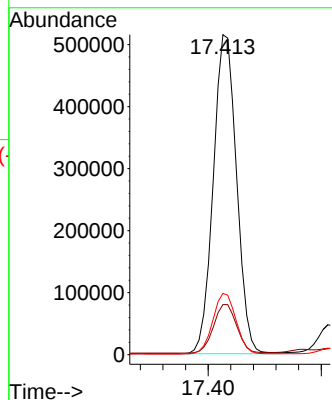
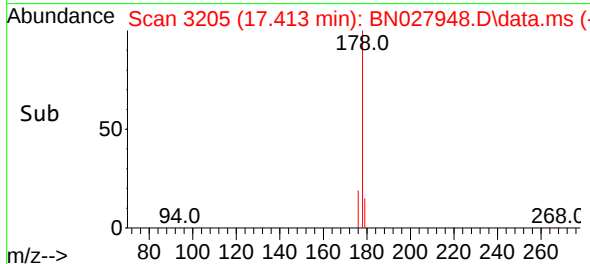
Instrument :
BNA_N
ClientSampleId :
EZYF3



Tgt Ion:178 Resp: 73573
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.2 16.0 24.0

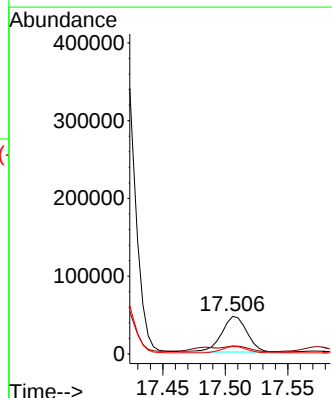
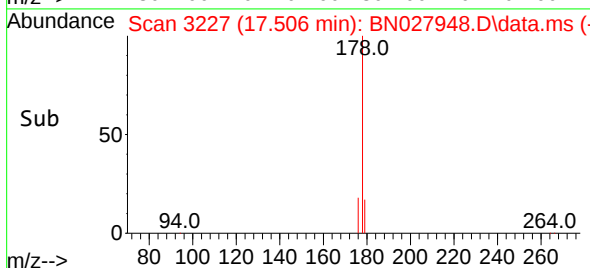
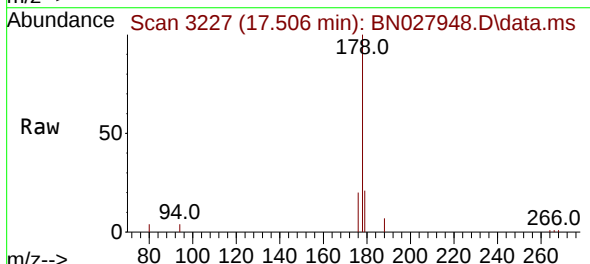
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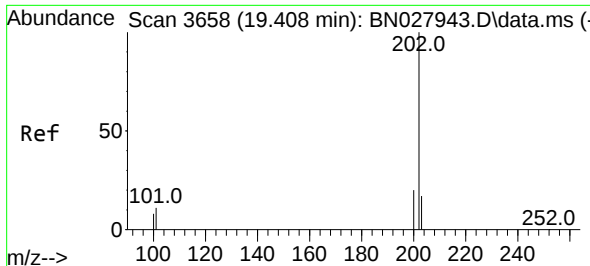
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#16
Anthracene
Concen: 1.163 ng/u1
RT: 17.506 min Scan# 3227
Delta R.T. 0.017 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

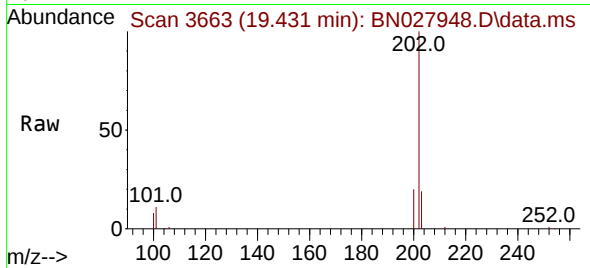
Tgt Ion:178 Resp: 65183
Ion Ratio Lower Upper
178 100
179 21.3 12.6 19.0#
176 20.2 15.5 23.3





#19
Fluoranthene
Concen: 11.856 ng/u1
RT: 19.431 min Scan# 3663
Delta R.T. 0.023 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

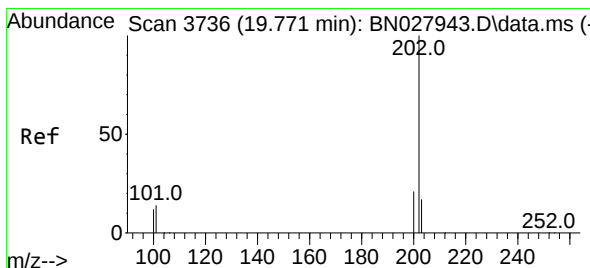
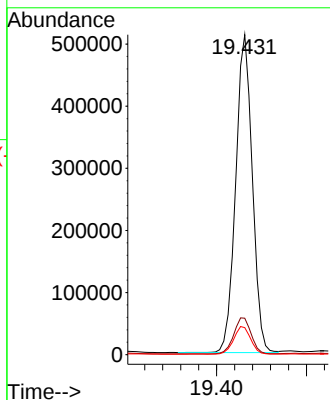
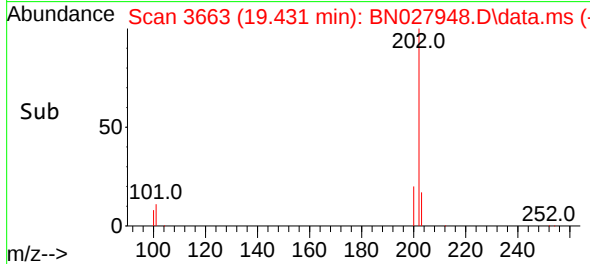
Instrument :
BNA_N
ClientSampleId :
EZYF3



Tgt Ion:202 Resp: 659378
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 8.5 7.0 10.4

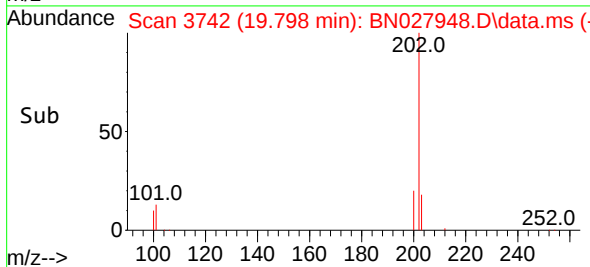
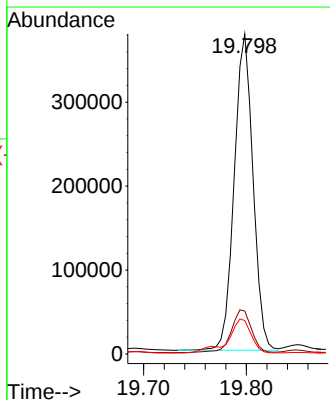
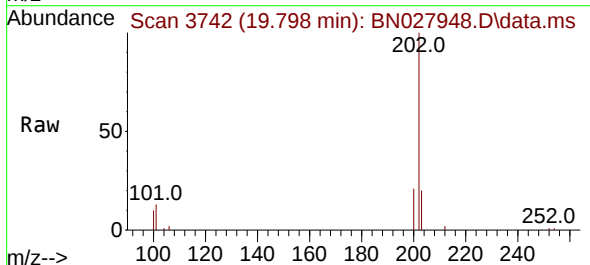
Manual Integrations
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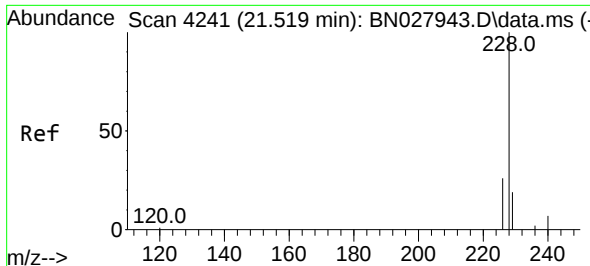
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#20
Pyrene
Concen: 8.327 ng/u1
RT: 19.798 min Scan# 3742
Delta R.T. 0.023 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

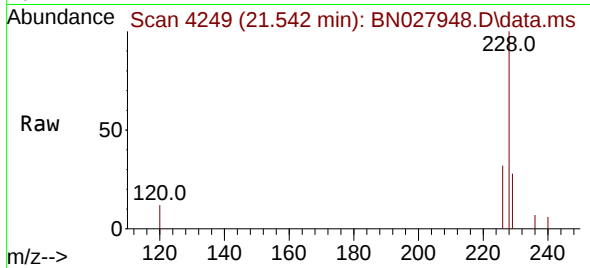
Tgt Ion:202 Resp: 477073
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.770 ng/ul
RT: 21.542 min Scan# 4249
Delta R.T. 0.023 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

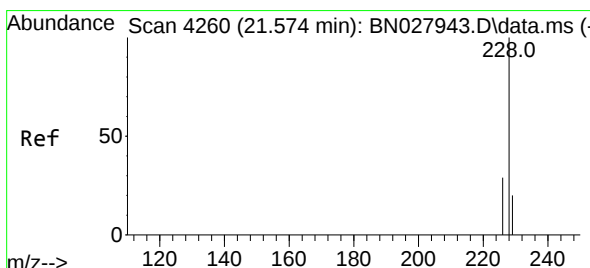
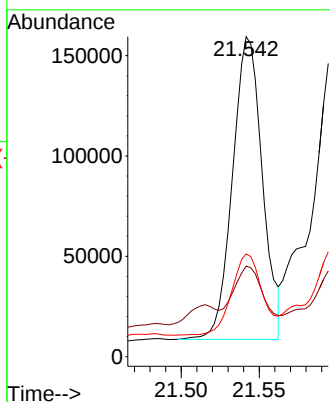
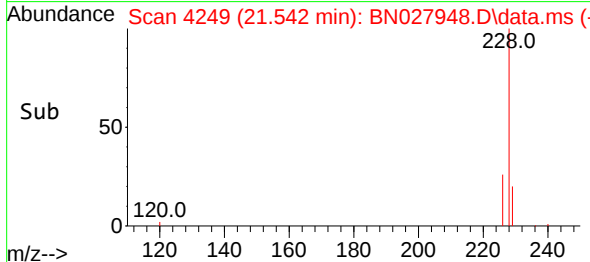
Instrument :
BNA_N
ClientSampleId :
EZYF3



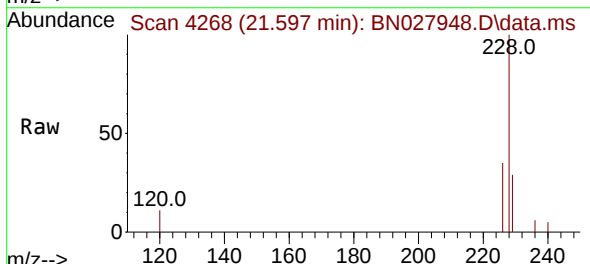
Tgt Ion:228 Resp: 200611
Ion Ratio Lower Upper
228 100
229 28.3 15.8 23.8
226 32.1 22.0 33.0

Manual Integrations
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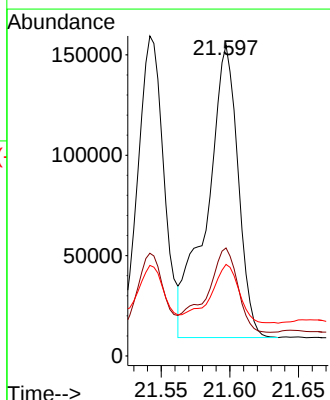
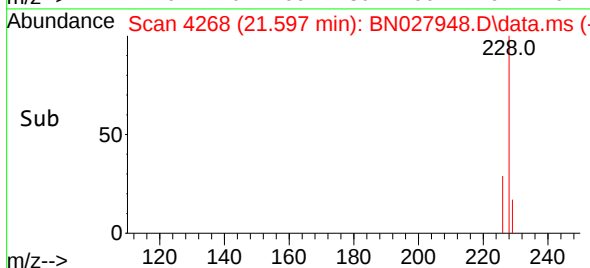
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

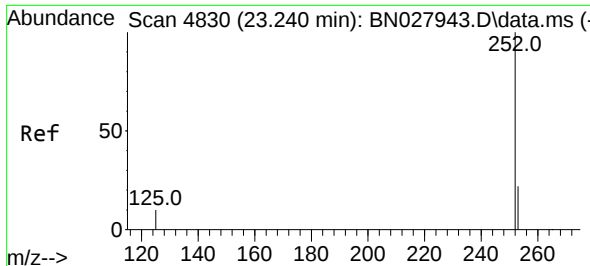


#22
Chrysene
Concen: 4.152 ng/ul
RT: 21.597 min Scan# 4268
Delta R.T. 0.023 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08



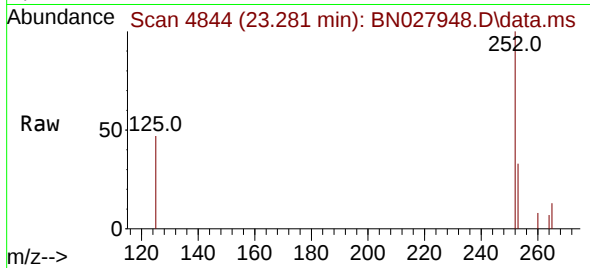
Tgt Ion:228 Resp: 228311
Ion Ratio Lower Upper
228 100
226 34.8 24.5 36.7
229 29.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 3.883 ng/ul m
RT: 23.281 min Scan# 4844
Delta R.T. 0.041 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

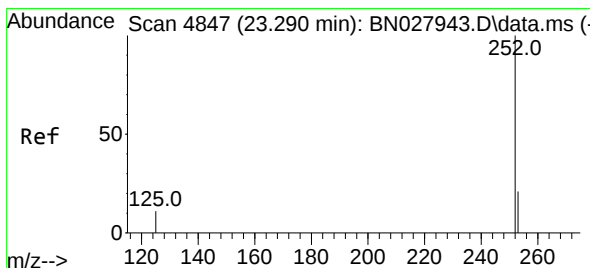
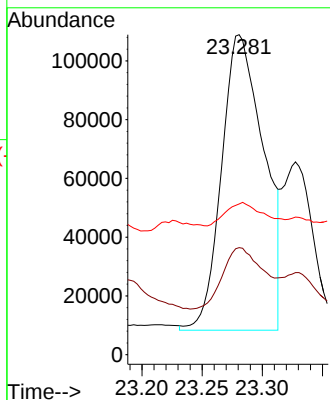
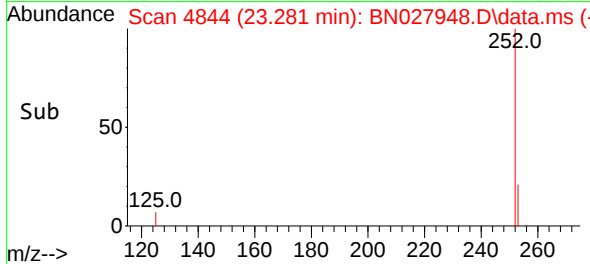
Instrument :
BNA_N
ClientSampleId :
EZYF3



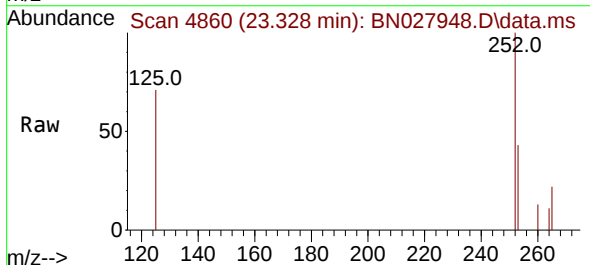
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Ion Ratio Lower Upper
252 100
253 33.5 0.0 50.2
125 47.1 0.0 31.4

Manual Integrations
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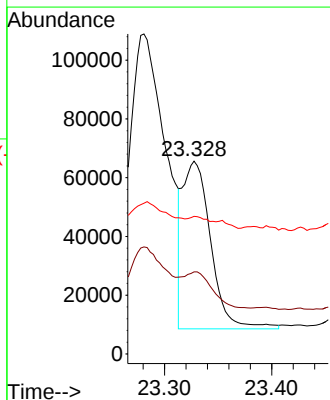
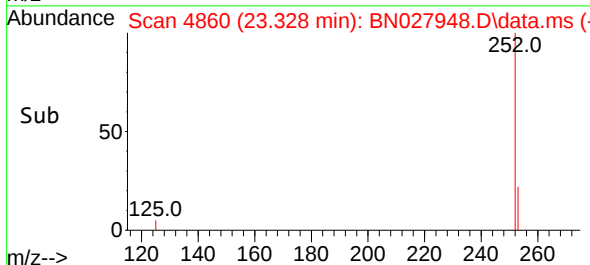
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

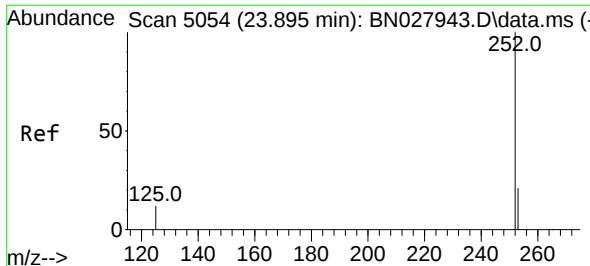


#25
Benzo(k)fluoranthene
Concen: 1.696 ng/ul m
RT: 23.328 min Scan# 4860
Delta R.T. 0.035 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08



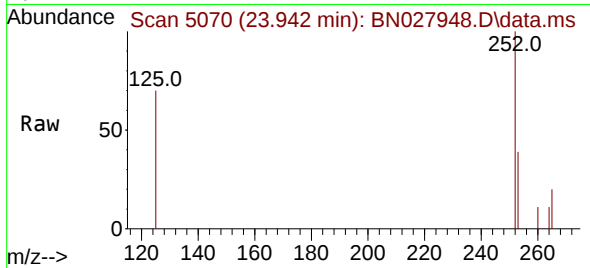
Tgt Ion:252 Resp: 103937
Ion Ratio Lower Upper
252 100
253 42.6 19.9 29.9#
125 71.3 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 2.713 ng/ul
RT: 23.942 min Scan# 5054
Delta R.T. 0.046 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

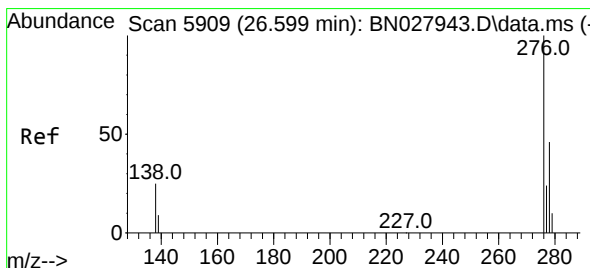
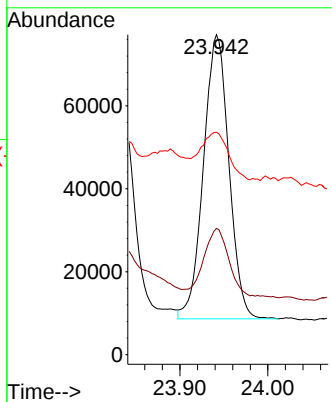
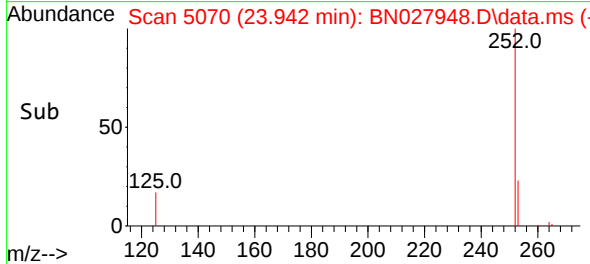
Instrument :
BNA_N
ClientSampleId :
EZYF3



Tgt Ion:252 Resp: 137960
Ion Ratio Lower Upper
252 100
253 39.4 21.9 32.9
125 69.5 15.5 23.3

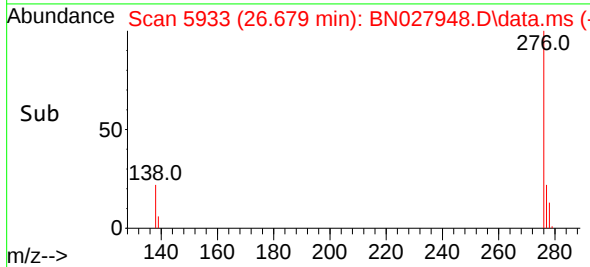
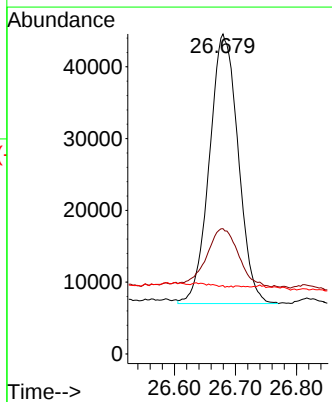
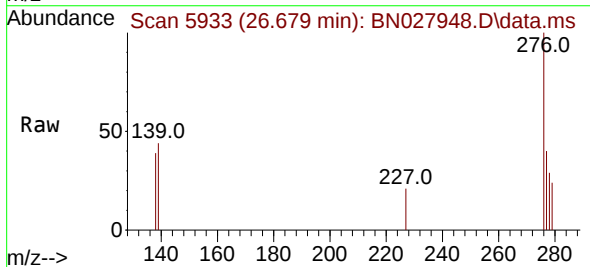
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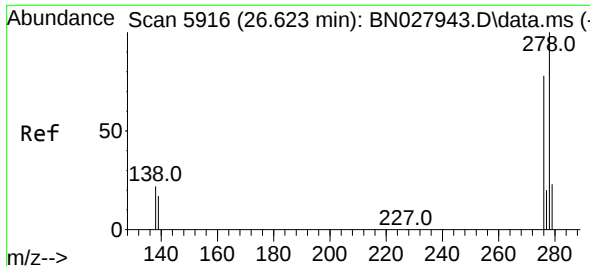
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.883 ng/ul
RT: 26.679 min Scan# 5933
Delta R.T. 0.080 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

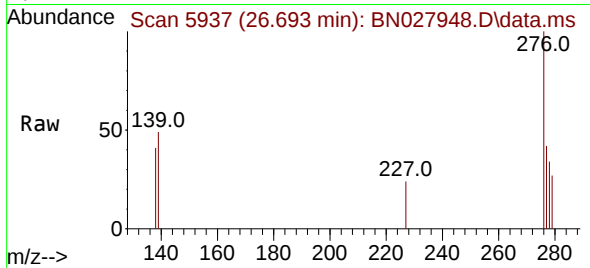
Tgt Ion:276 Resp: 122702
Ion Ratio Lower Upper
276 100
138 23.9 24.3 36.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.687 ng/ul
RT: 26.693 min Scan# 5916
Delta R.T. 0.070 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

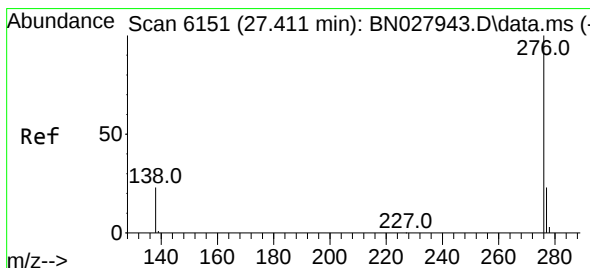
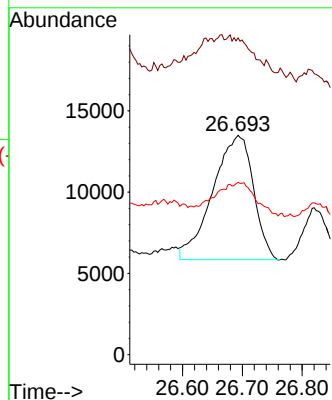
Instrument :
BNA_N
ClientSampleId :
EZYF3



Tgt Ion:278 Resp: 36034
Ion Ratio Lower Upper
278 100
139 144.4 17.2 25.8#
279 78.6 21.4 32.0#

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Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#29
Benzo(g,h,i)perylene
Concen: 1.898 ng/ul
RT: 27.511 min Scan# 6181
Delta R.T. 0.100 min
Lab File: BN027948.D
Acq: 29 Sep 2023 05:08

Tgt Ion:276 Resp: 105045
Ion Ratio Lower Upper
276 100
138 42.5 21.7 32.5#
277 42.8 20.2 30.2#

