

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027949.D
 Acq On : 29 Sep 2023 05:44
 Operator : MA/JU
 Sample : 04417-27DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF3DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 06:22:39 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	7.971	152	5545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	20001	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	11930	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	23918	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.559	240	15519	0.400	ng/ul	# 0.02
23) Perylene-d12	24.047	264	16425	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3342	0.478	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	1093	0.036	ng/ul	0.01
18) Fluoranthene-d10	19.399	212	1802	0.038	ng/ul	0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	7173	0.125	ng/ul	96
7) 2-Methylnaphthalene	12.445	142	15207	0.419	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	12692	0.339	ng/ul	99
10) Acenaphthylene	14.342	152	3325	0.064	ng/ul#	58
11) Acenaphthene	14.684	153	2845	0.063	ng/ul#	71
12) Fluorene	15.679	166	1207	0.023	ng/ul#	1
15) Phenanthrene	17.413	178	186212	2.478	ng/ul	98
16) Anthracene	17.506	178	15873	0.252	ng/ul#	87
19) Fluoranthene	19.427	202	167743	2.673	ng/ul	99
20) Pyrene	19.794	202	122511	1.895	ng/ul	100
21) Benzo(a)anthracene	21.539	228	49871	0.830	ng/ul#	70
22) Chrysene	21.594	228	57729	0.930	ng/ul#	69
24) Benzo(b)fluoranthene	23.275	252	59221m	0.809	ng/ul	
25) Benzo(k)fluoranthene	23.325	252	25628m	0.361	ng/ul	
26) Benzo(a)pyrene	23.933	252	33611	0.571	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.666	276	31146	0.413	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.679	278	10102	0.166	ng/ul#	1
29) Benzo(g,h,i)perylene	27.494	276	25478	0.398	ng/ul#	28

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

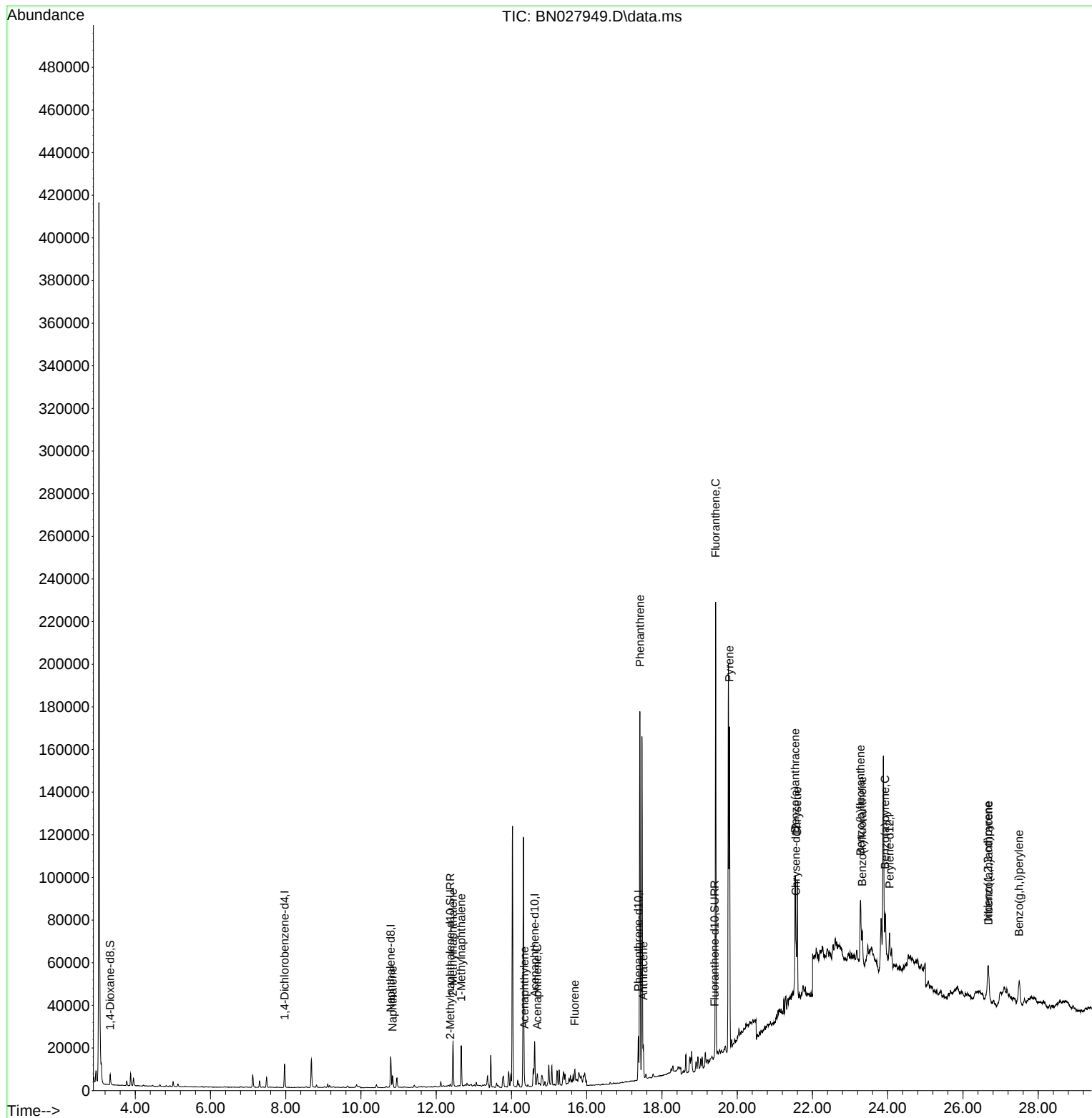
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
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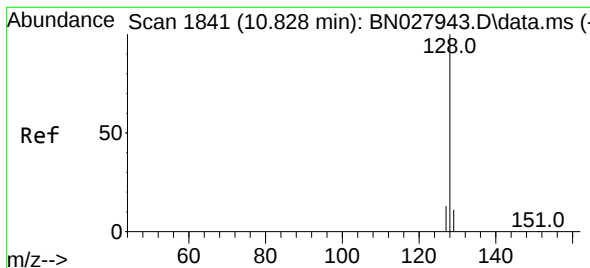
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#5

Naphthalene

Concen: 0.125 ng/ul

RT: 10.839 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BN027949.D

Acq: 29 Sep 2023 05:44

Instrument :

BNA_N

ClientSampleId :

EZYF3DL

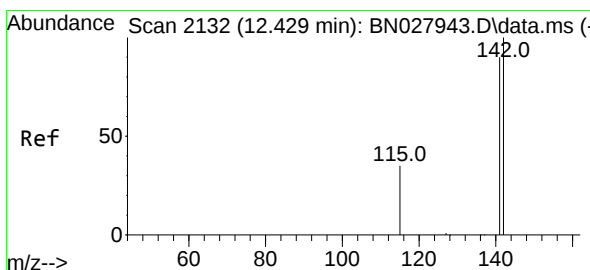
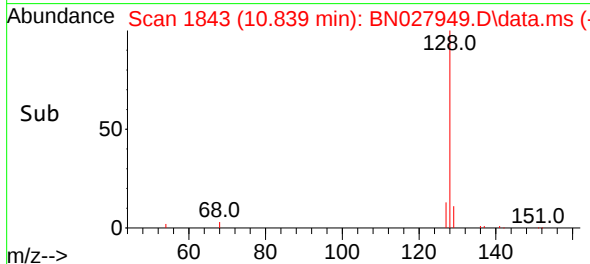
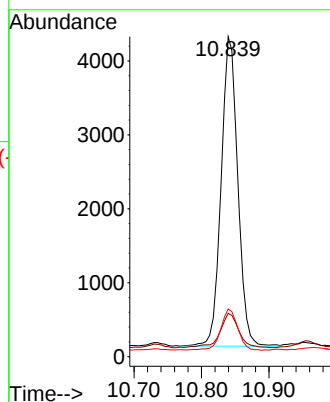
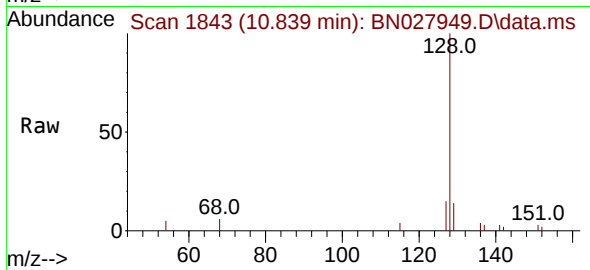
Tgt Ion:	128	Resp:	717
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.3	13.9
127	14.9	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.419 ng/ul

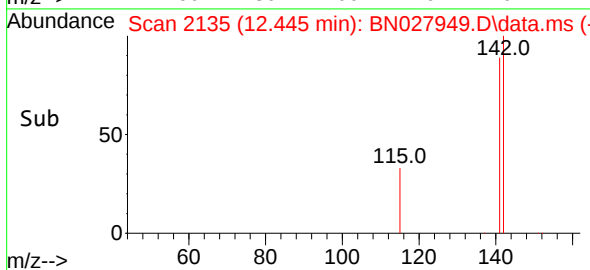
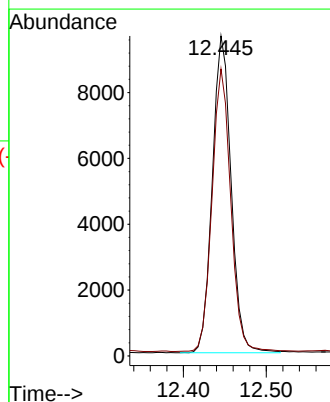
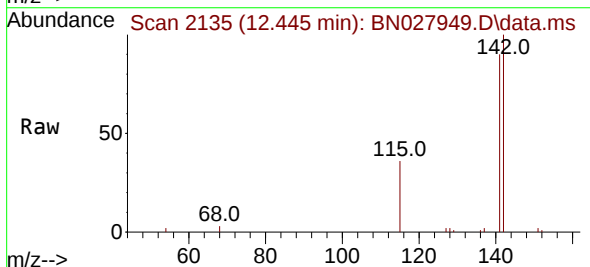
RT: 12.445 min Scan# 2135

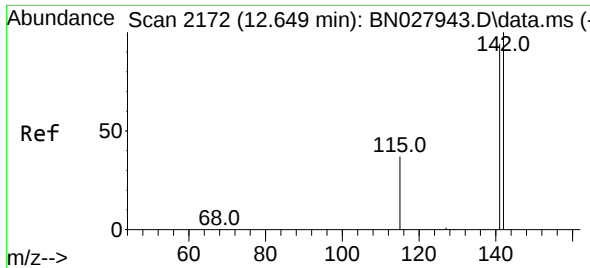
Delta R.T. 0.011 min

Lab File: BN027949.D

Acq: 29 Sep 2023 05:44

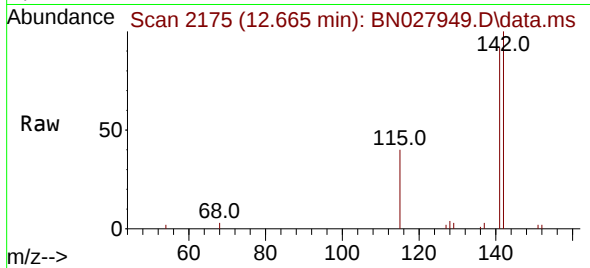
Tgt Ion:	142	Resp:	15207
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.1	106.7





#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.665 min Scan# 2175
Delta R.T. 0.011 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44

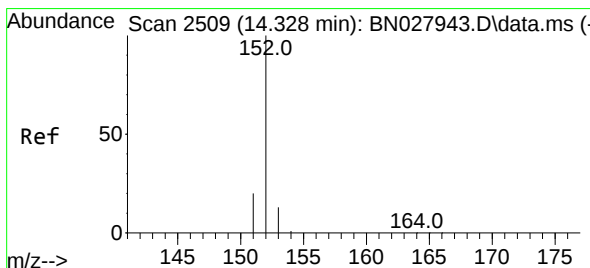
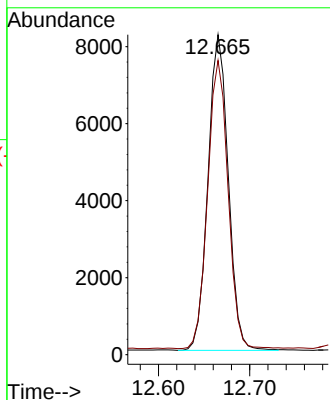
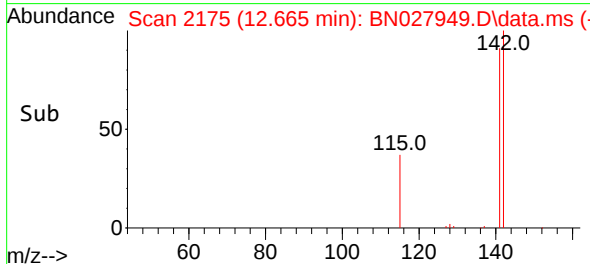
Instrument :
BNA_N
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EZYF3DL



Tgt Ion:142 Resp: 12692
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2

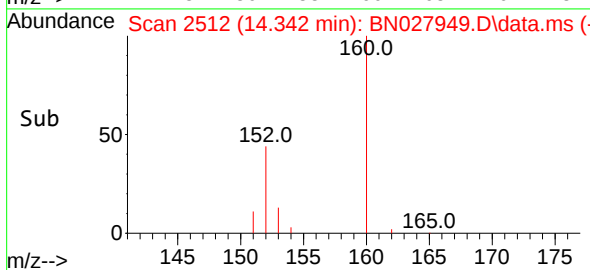
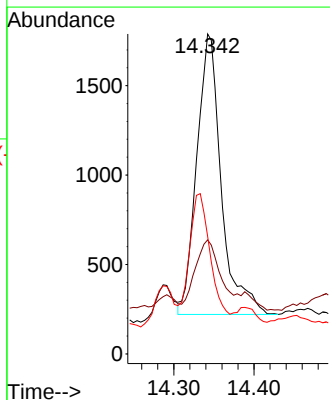
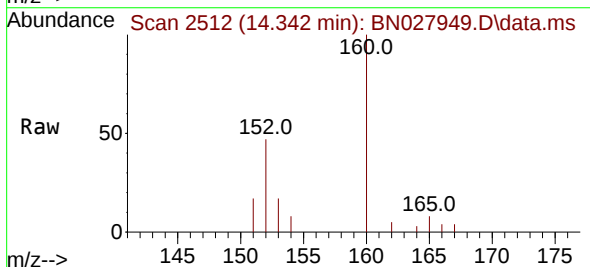
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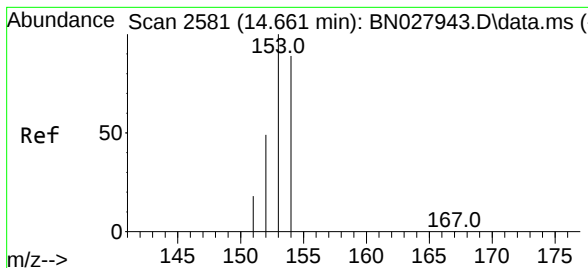
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.342 min Scan# 2512
Delta R.T. 0.009 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44

Tgt Ion:152 Resp: 3325
Ion Ratio Lower Upper
152 100
151 35.7 16.6 25.0#
153 36.7 11.0 16.6#





#11

Acenaphthene

Concen: 0.063 ng/u1

RT: 14.684 min Scan# 21

Delta R.T. 0.019 min

Lab File: BN027949.D

Acq: 29 Sep 2023 05:44

Instrument :

BNA_N

ClientSampleId :

EZYF3DL

Tgt Ion:153 Resp: 284

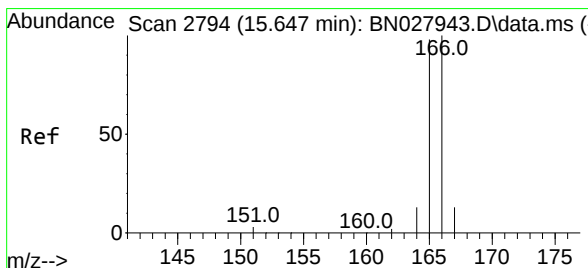
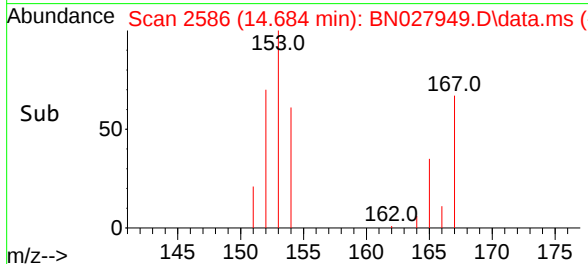
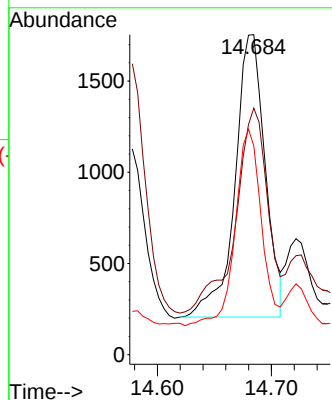
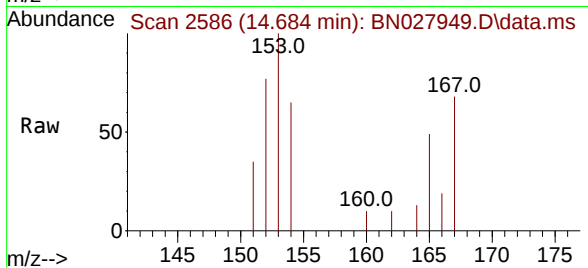
Ion	Ratio	Lower	Upper
153	100		
152	77.0	41.7	62.5
154	65.2	70.3	105.5

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Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/30/2023



#12

Fluorene

Concen: 0.023 ng/u1

RT: 15.679 min Scan# 2801

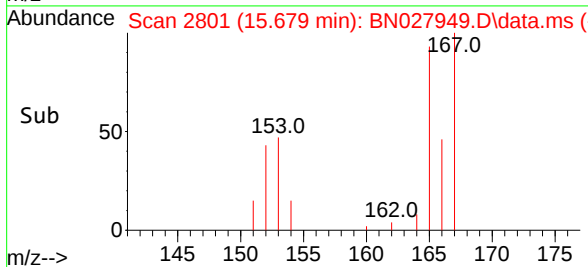
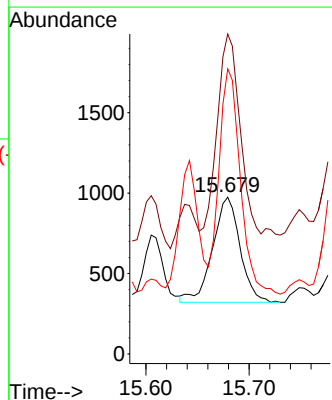
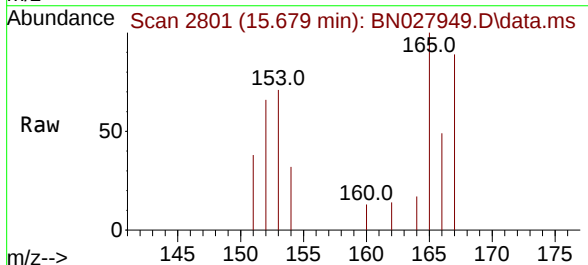
Delta R.T. 0.028 min

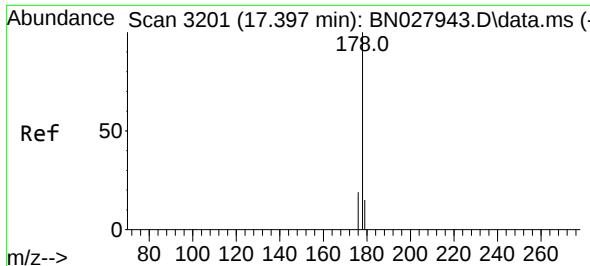
Lab File: BN027949.D

Acq: 29 Sep 2023 05:44

Tgt Ion:166 Resp: 1207

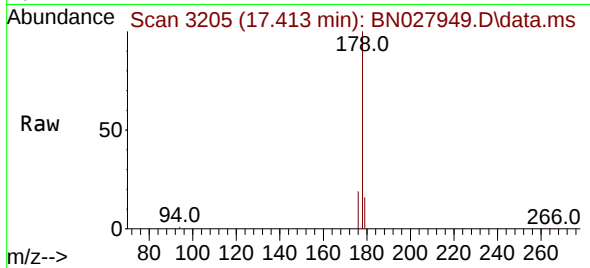
Ion	Ratio	Lower	Upper
166	100		
165	204.1	78.0	117.0#
167	181.8	11.4	17.2#





#15
Phenanthrene
Concen: 2.478 ng/u1
RT: 17.413 min Scan# 3205
Delta R.T. 0.017 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44

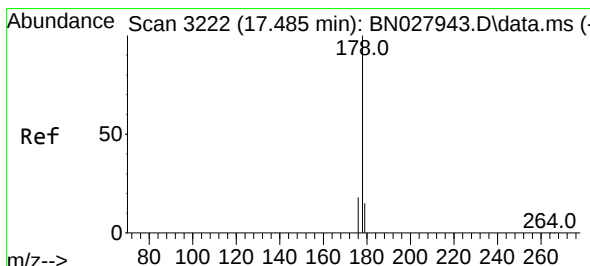
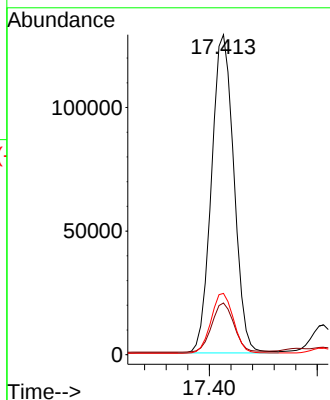
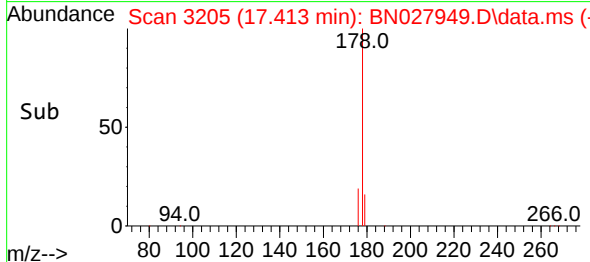
Instrument :
BNA_N
ClientSampleId :
EZYF3DL



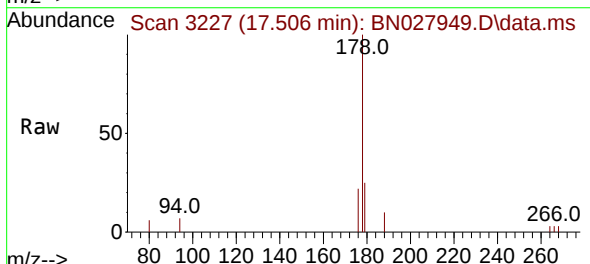
Tgt Ion:178 Resp: 18621
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.1 16.0 24.0

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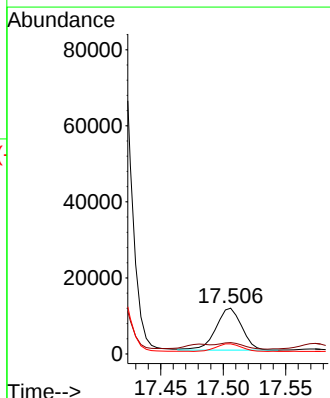
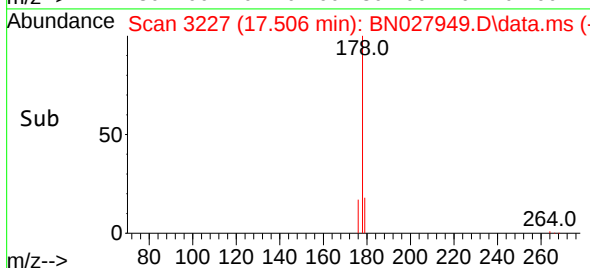
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

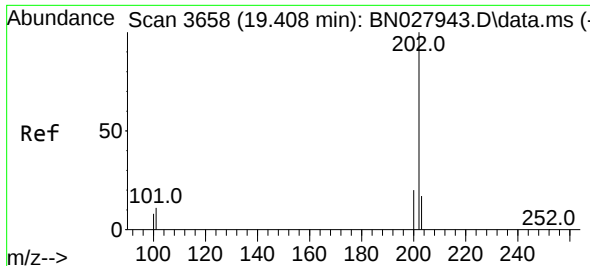


#16
Anthracene
Concen: 0.252 ng/u1
RT: 17.506 min Scan# 3227
Delta R.T. 0.017 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44



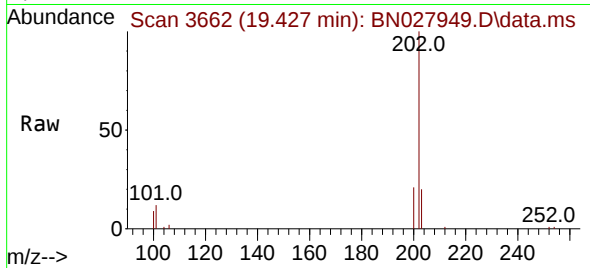
Tgt Ion:178 Resp: 15873
Ion Ratio Lower Upper
178 100
179 24.7 12.6 19.0#
176 22.1 15.5 23.3





#19
Fluoranthene
Concen: 2.673 ng/u1
RT: 19.427 min Scan# 3662
Delta R.T. 0.018 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44

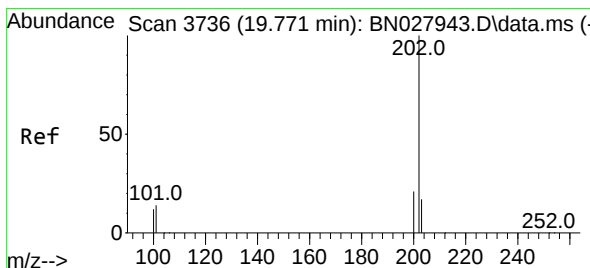
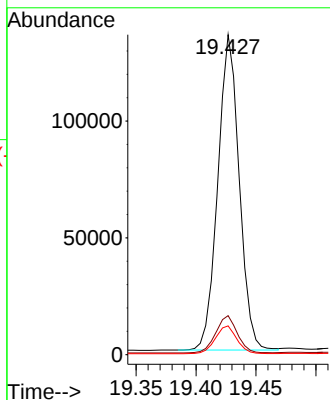
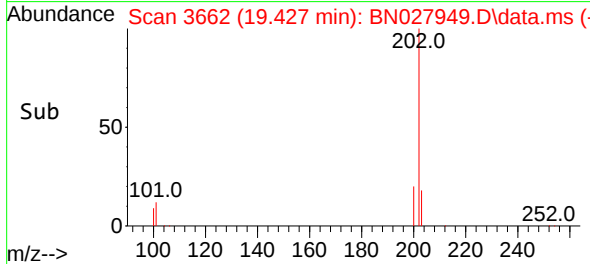
Instrument :
BNA_N
ClientSampleId :
EZYF3DL



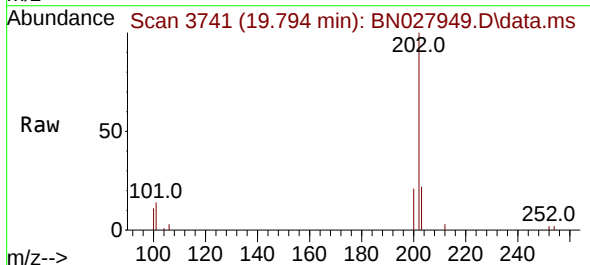
Tgt Ion:202 Resp: 16774
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.0 7.0 10.4

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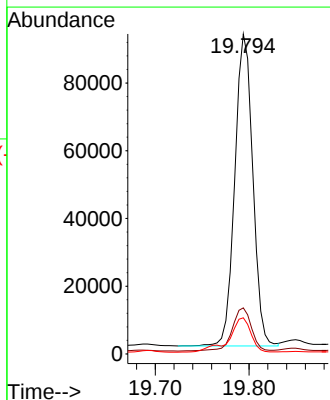
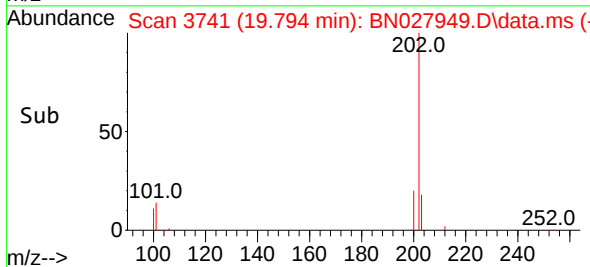
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

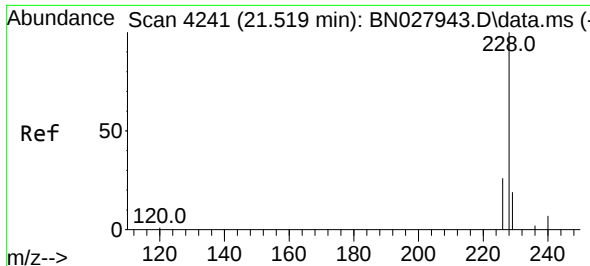


#20
Pyrene
Concen: 1.895 ng/u1
RT: 19.794 min Scan# 3741
Delta R.T. 0.018 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44



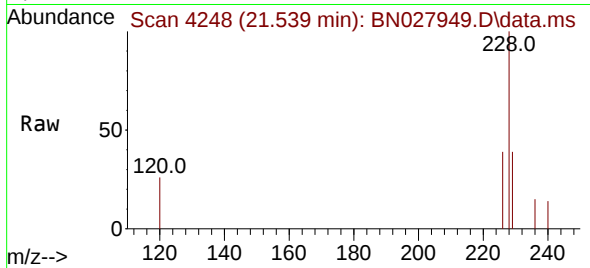
Tgt Ion:202 Resp: 122511
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.830 ng/ul
RT: 21.539 min Scan# 4241
Delta R.T. 0.020 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44

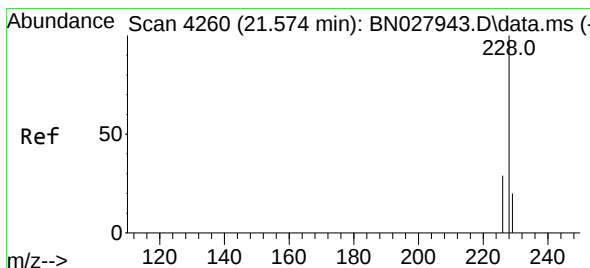
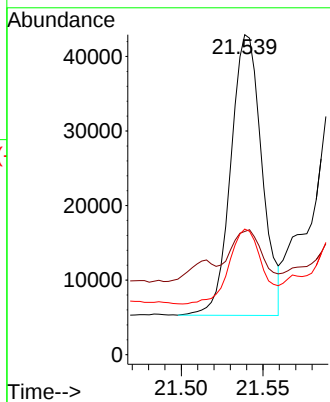
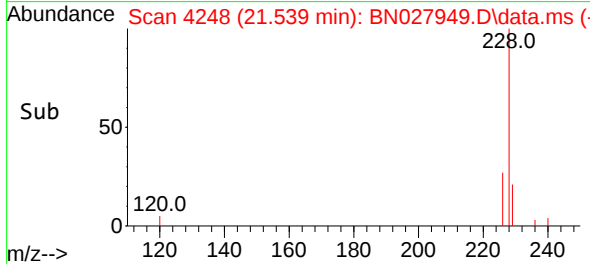
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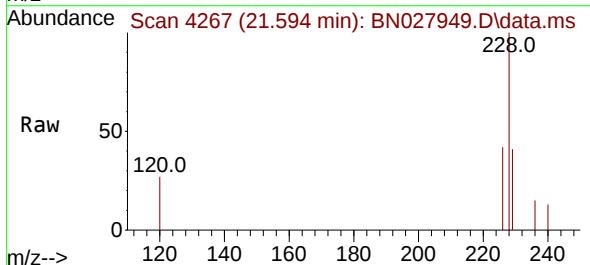
Tgt Ion:228 Resp: 4987
Ion Ratio Lower Upper
228 100
229 38.5 15.8 23.8
226 39.2 22.0 33.0

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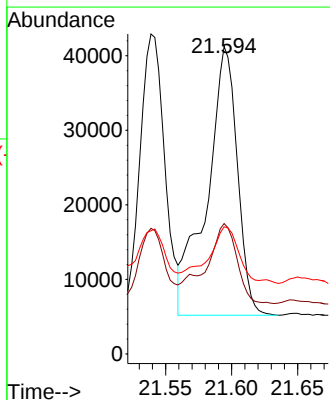
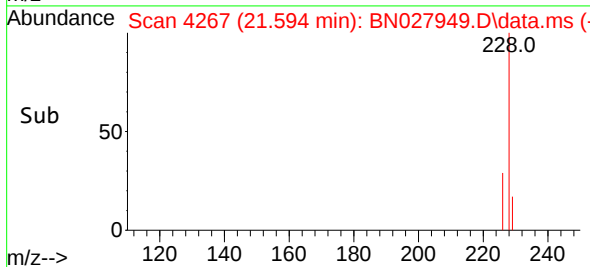
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

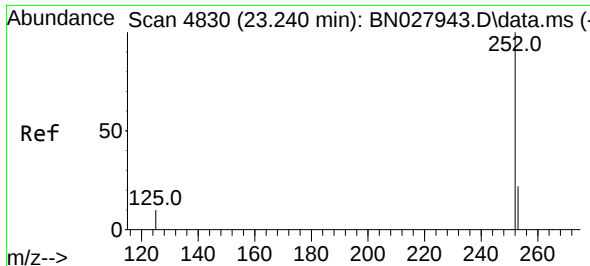


#22
Chrysene
Concen: 0.930 ng/ul
RT: 21.594 min Scan# 4267
Delta R.T. 0.020 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44



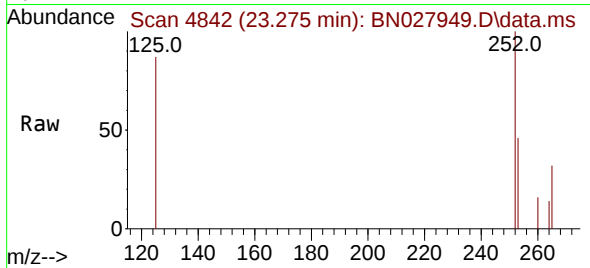
Tgt Ion:228 Resp: 57729
Ion Ratio Lower Upper
228 100
226 42.4 24.5 36.7#
229 41.3 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.809 ng/ul m
RT: 23.275 min Scan# 4842
Delta R.T. 0.035 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44

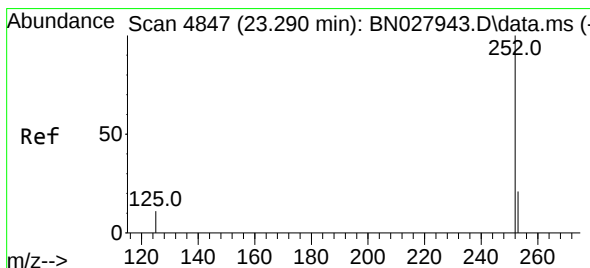
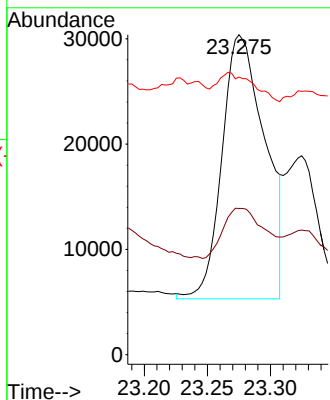
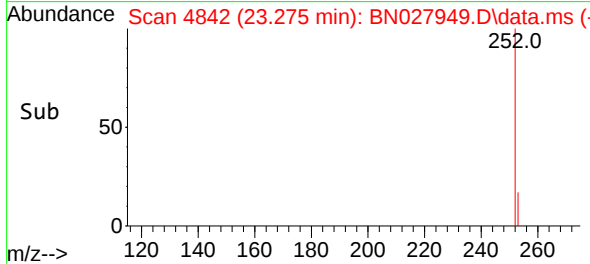
Instrument :
BNA_N
ClientSampleId :
EZYF3DL



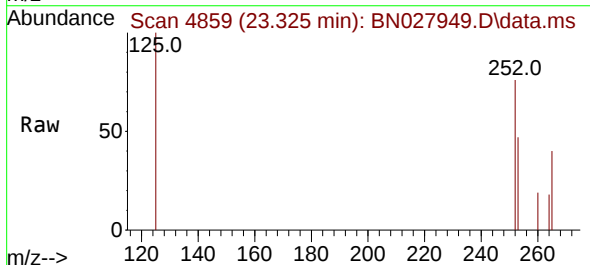
Tgt Ion:252 Resp: 5922
Ion Ratio Lower Upper
252 100
253 45.7 0.0 50.2
125 86.8 0.0 31.4

Manual Integrations
APPROVED

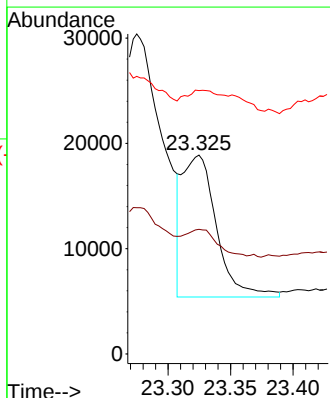
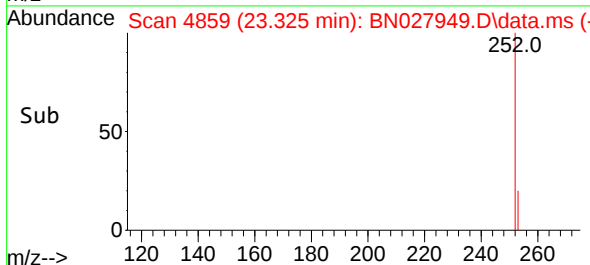
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

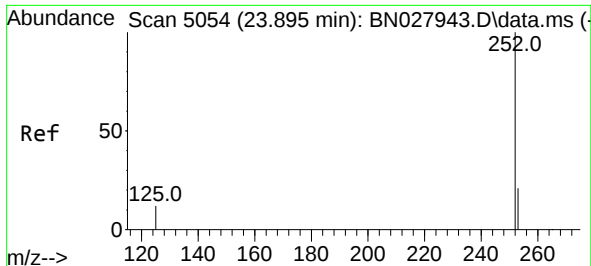


#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul m
RT: 23.325 min Scan# 4859
Delta R.T. 0.032 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44



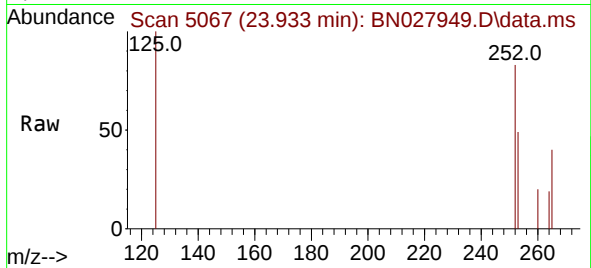
Tgt Ion:252 Resp: 25628
Ion Ratio Lower Upper
252 100
253 62.7 19.9 29.9#
125 132.4 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.571 ng/ul
RT: 23.933 min Scan# 5054
Delta R.T. 0.038 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44

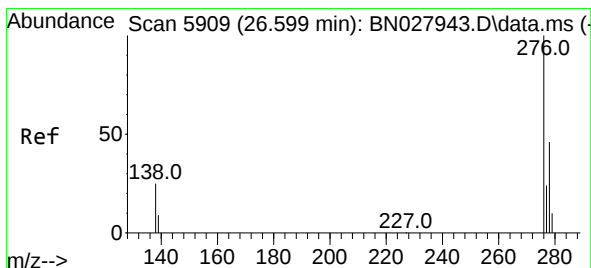
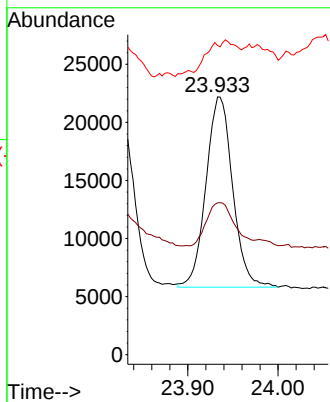
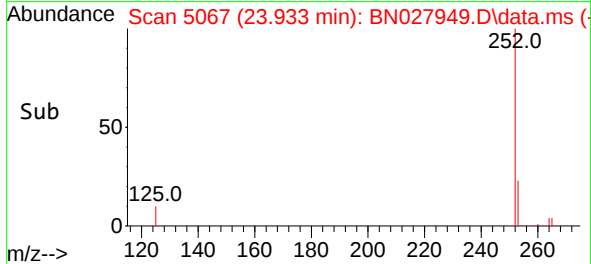
Instrument :
BNA_N
ClientSampleId :
EZYF3DL



Tgt Ion:252 Resp: 3361
Ion Ratio Lower Upper
252 100
253 58.9 21.9 32.9
125 119.9 15.5 23.3

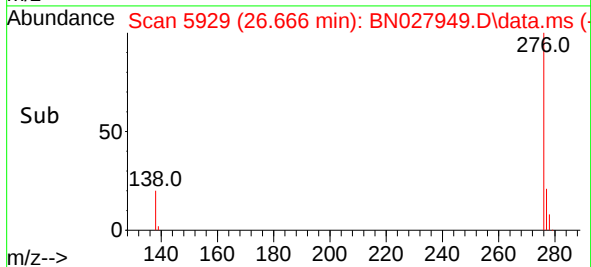
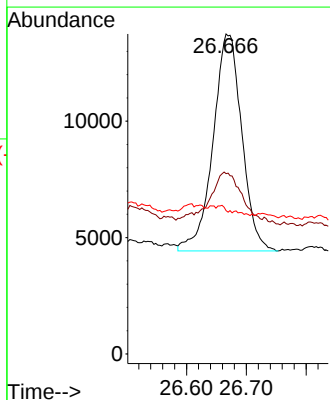
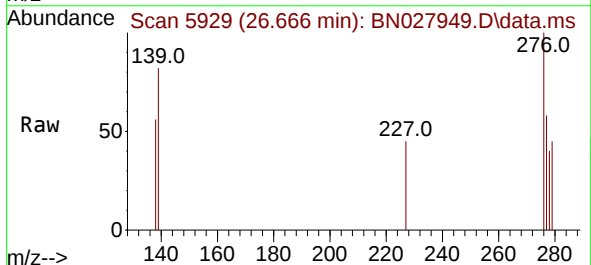
Manual Integrations
APPROVED

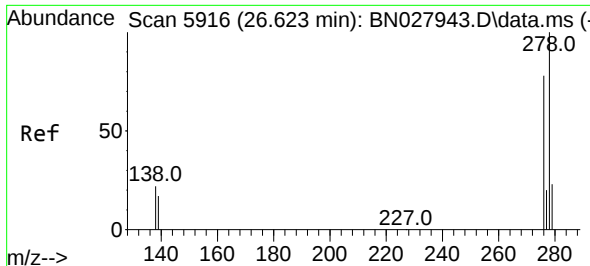
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.666 min Scan# 5929
Delta R.T. 0.067 min
Lab File: BN027949.D
Acq: 29 Sep 2023 05:44

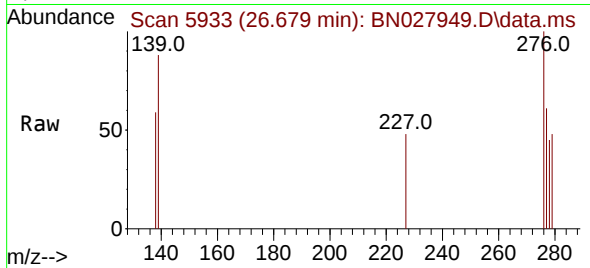
Tgt Ion:276 Resp: 31146
Ion Ratio Lower Upper
276 100
138 26.5 24.3 36.5
227 0.0 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.166 ng/ul
 RT: 26.679 min Scan# 5916
 Delta R.T. 0.057 min
 Lab File: BN027949.D
 Acq: 29 Sep 2023 05:44

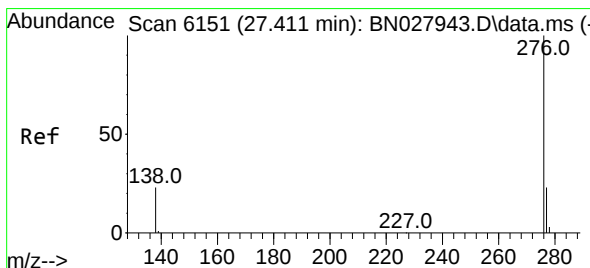
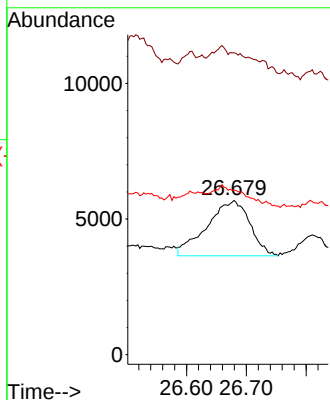
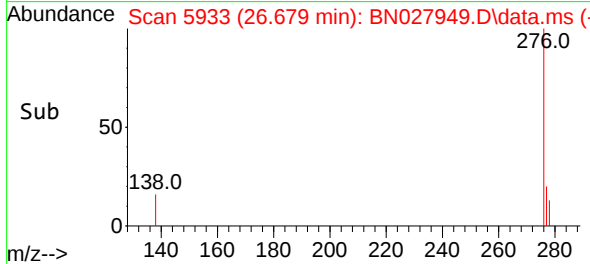
Instrument :
 BNA_N
 ClientSampleId :
 EZYF3DL



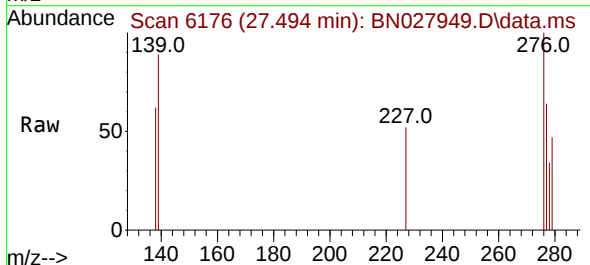
Tgt Ion:278 Resp: 1010
 Ion Ratio Lower Upper
 278 100
 139 195.7 17.2 25.8#
 279 106.7 21.4 32.0#

Manual Integrations
 APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.398 ng/ul
 RT: 27.494 min Scan# 6176
 Delta R.T. 0.084 min
 Lab File: BN027949.D
 Acq: 29 Sep 2023 05:44



Tgt Ion:276 Resp: 25478
 Ion Ratio Lower Upper
 276 100
 138 61.8 21.7 32.5#
 277 63.7 20.2 30.2#

