

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027844.D
 Acq On : 23 Sep 2023 03:41
 Operator : MA/JU
 Sample : 04330-14DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG0DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 04:17:27 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	6252	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	21695	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	13291	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	29612	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	24186	0.400	ng/ul	0.00
23) Perylene-d12	24.065	264	20965	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	9106	1.156	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	2473	0.075	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	6470	0.088	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.872	128	8292	0.134	ng/ul	97
7) 2-Methylnaphthalene	12.473	142	4505	0.115	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	2506	0.062	ng/ul	99
10) Acenaphthylene	14.370	152	4877	0.084	ng/ul	95
11) Acenaphthene	14.703	153	2447	0.049	ng/ul	99
15) Phenanthrene	17.430	178	30390	0.327	ng/ul	100
16) Anthracene	17.523	178	5231	0.067	ng/ul#	91
19) Fluoranthene	19.445	202	53646	0.549	ng/ul	99
20) Pyrene	19.808	202	69385	0.689	ng/ul	99
21) Benzo(a)anthracene	21.554	228	34034	0.364	ng/ul	97
22) Chrysene	21.606	228	57086	0.590	ng/ul	97
24) Benzo(b)fluoranthene	23.287	252	88921m	0.952	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	28135m	0.311	ng/ul	
26) Benzo(a)pyrene	23.951	252	34423	0.458	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.683	276	43367	0.450	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.703	278	10182	0.131	ng/ul#	57
29) Benzo(g,h,i)perylene	27.511	276	46533	0.569	ng/ul	99

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

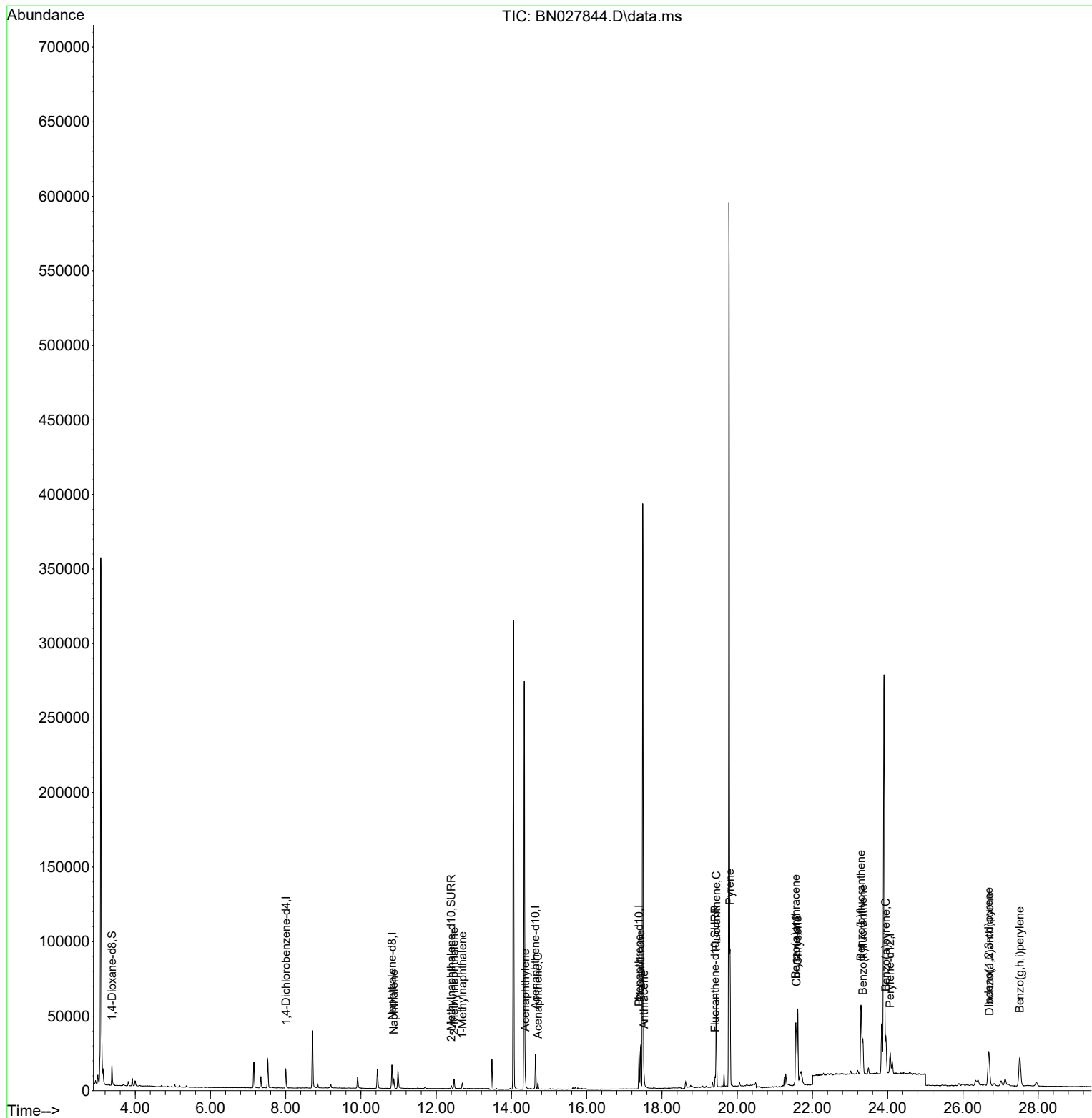
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027844.D
Acq On : 23 Sep 2023 03:41
Operator : MA/JU
Sample : 04330-14DL 5X
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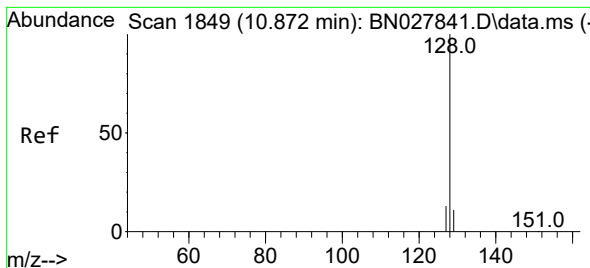
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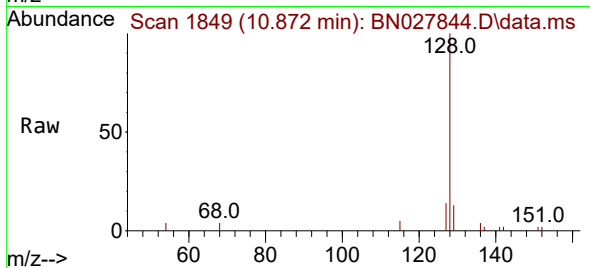
Quant Time: Sep 23 04:17:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

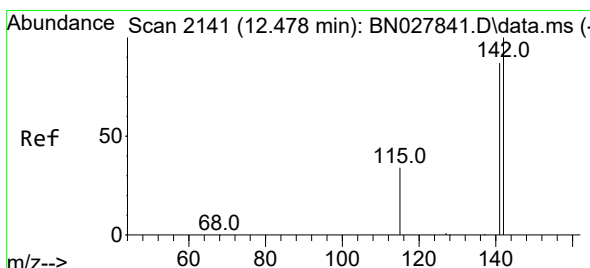
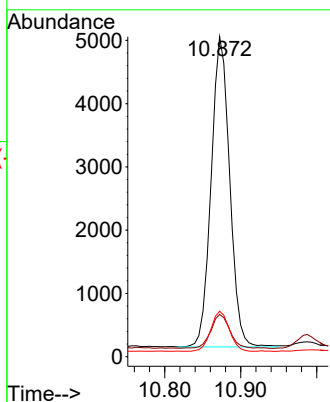
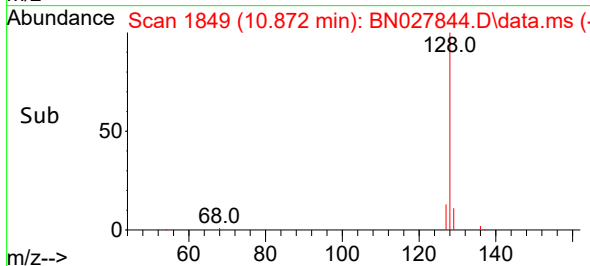
Instrument :
BNA_N
ClientSampleId :
EZYG0DL



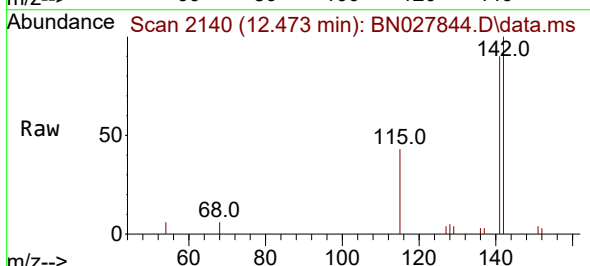
Tgt Ion:128 Resp: 8292
Ion Ratio Lower Upper
128 100
129 13.2 9.3 13.9
127 14.2 10.7 16.1

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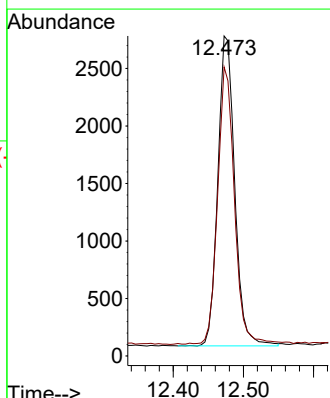
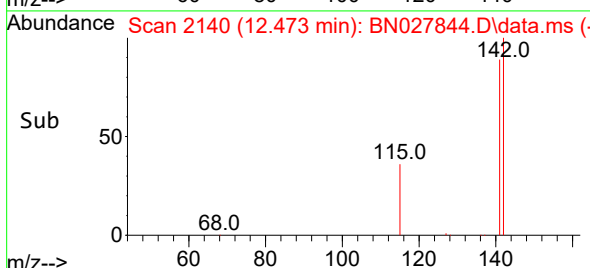
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

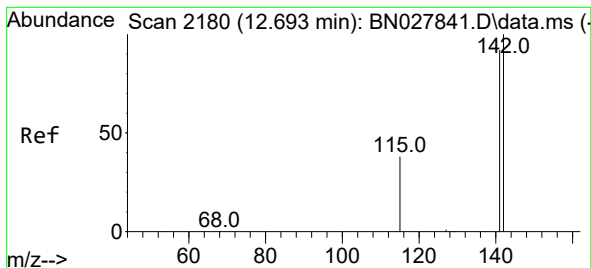


#7
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41



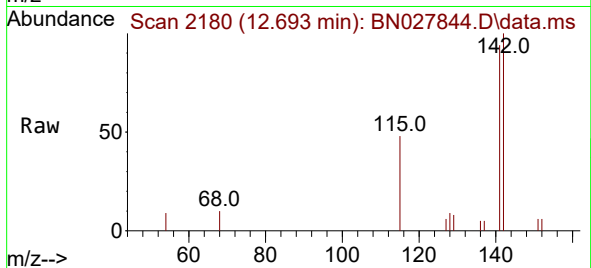
Tgt Ion:142 Resp: 4505
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

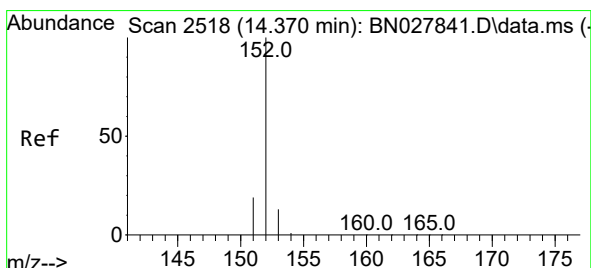
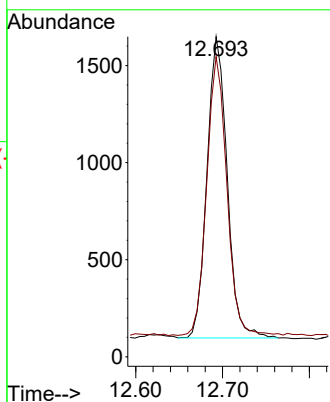
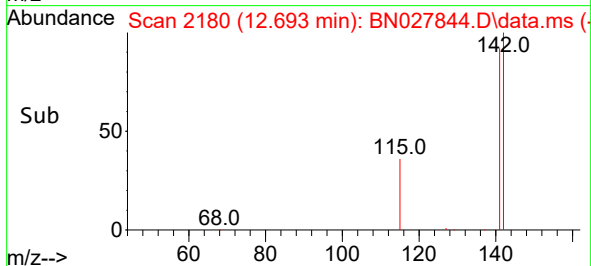
Instrument :
BNA_N
ClientSampleId :
EZYG0DL



Tgt Ion:142 Resp: 2500
Ion Ratio Lower Upper
142 100
141 92.1 72.8 109.2

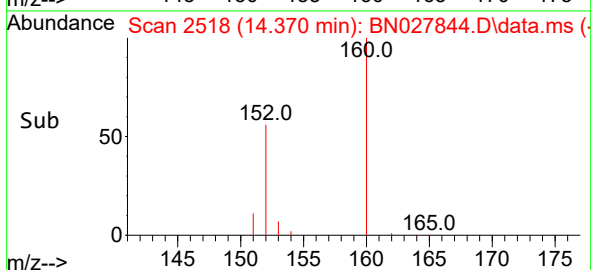
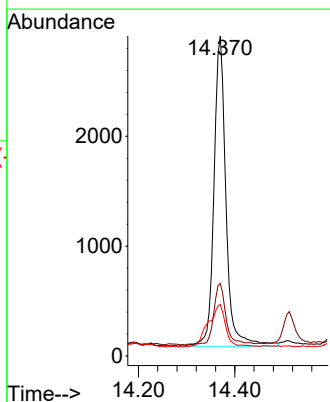
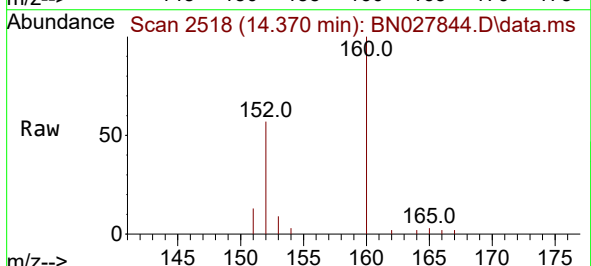
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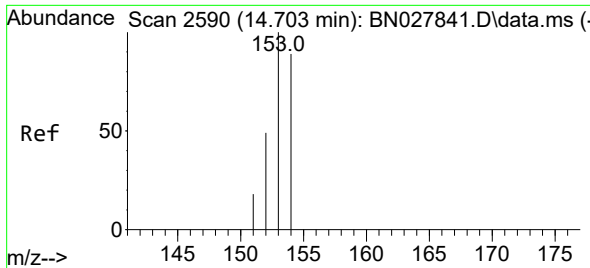
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

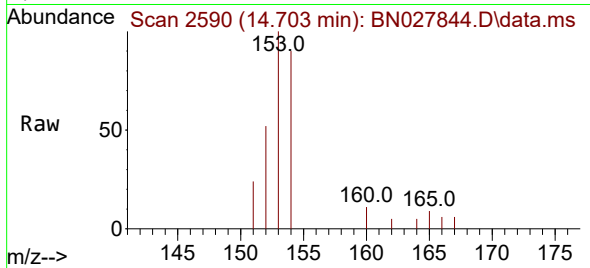
Tgt Ion:152 Resp: 4877
Ion Ratio Lower Upper
152 100
151 22.6 16.6 25.0
153 16.1 11.0 16.6





#11
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

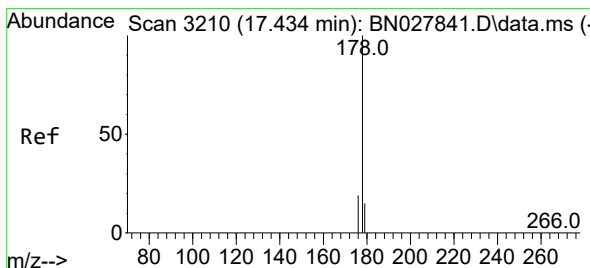
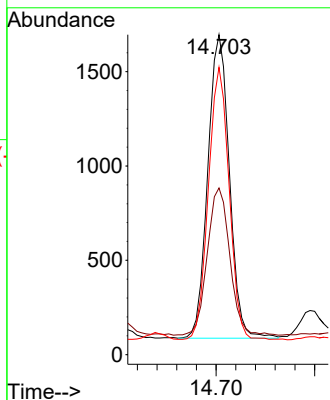
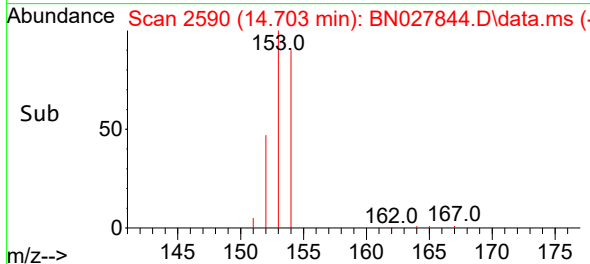
Instrument :
BNA_N
ClientSampleId :
EZYG0DL



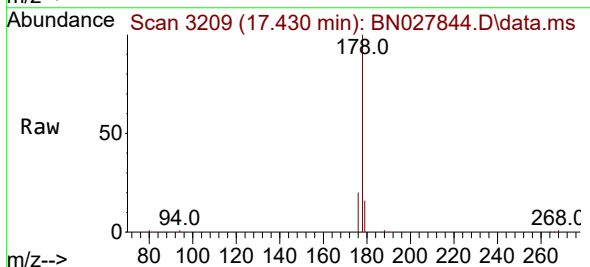
Tgt Ion:153 Resp: 244
Ion Ratio Lower Upper
153 100
152 52.1 41.7 62.5
154 89.8 70.3 105.5

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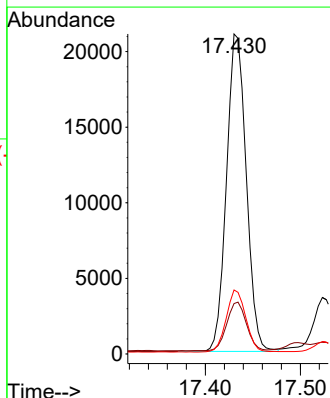
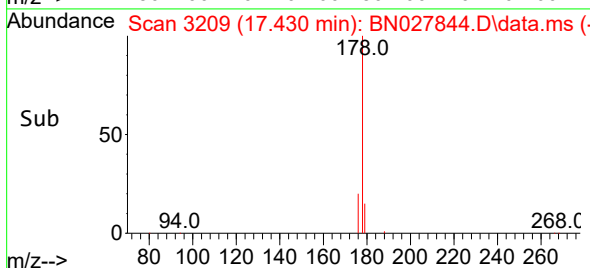
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

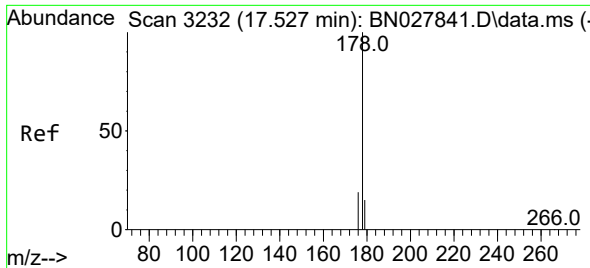


#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.430 min Scan# 3209
Delta R.T. -0.004 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41



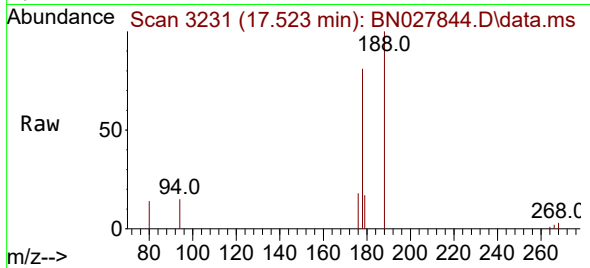
Tgt Ion:178 Resp: 30390
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 20.0 16.0 24.0





#16
 Anthracene
 Concen: 0.067 ng/ul
 RT: 17.523 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN027844.D
 Acq: 23 Sep 2023 03:41

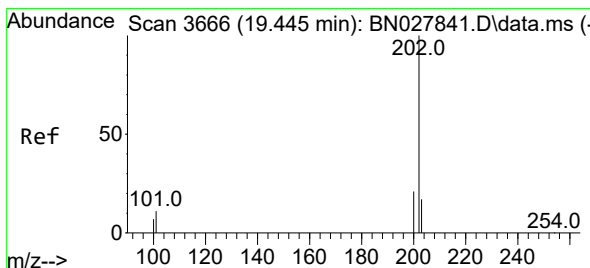
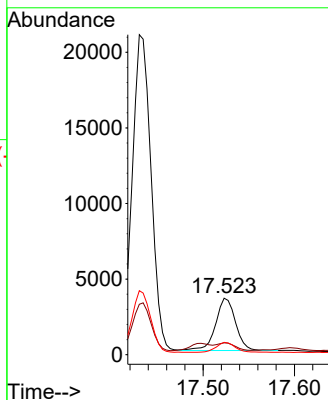
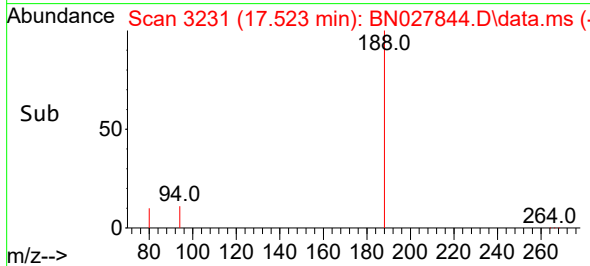
Instrument :
 BNA_N
 ClientSampleId :
 EZYG0DL



Tgt Ion:178 Resp: 523
 Ion Ratio Lower Upper
 178 100
 179 21.0 12.6 19.0
 176 21.9 15.5 23.3

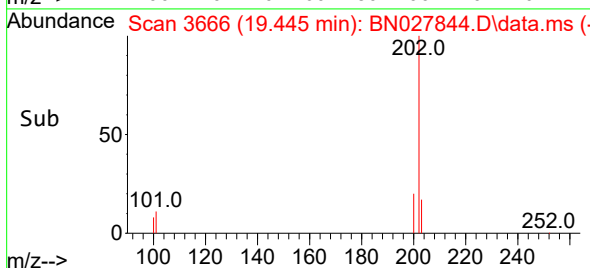
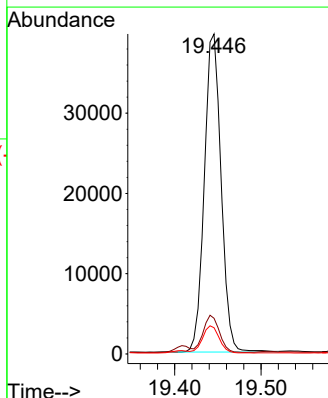
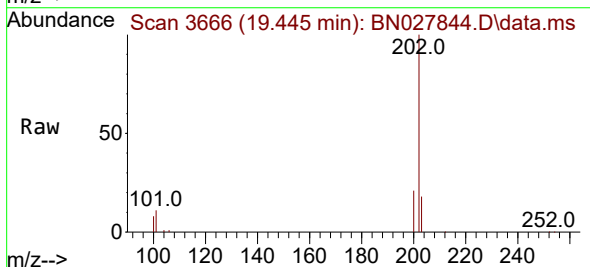
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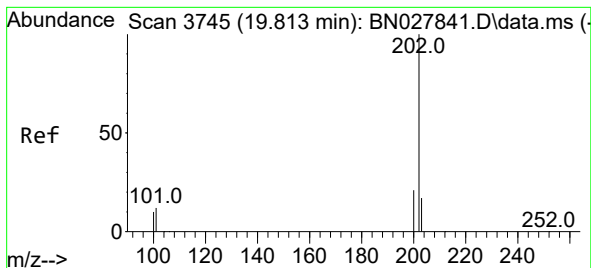
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023



#19
 Fluoranthene
 Concen: 0.549 ng/ul
 RT: 19.445 min Scan# 3666
 Delta R.T. 0.000 min
 Lab File: BN027844.D
 Acq: 23 Sep 2023 03:41

Tgt Ion:202 Resp: 53646
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.3 13.9
 100 8.2 7.0 10.4





#20

Pyrene

Concen: 0.689 ng/ul

RT: 19.808 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN027844.D

Acq: 23 Sep 2023 03:41

Instrument :

BNA_N

ClientSampleId :

EZYG0DL

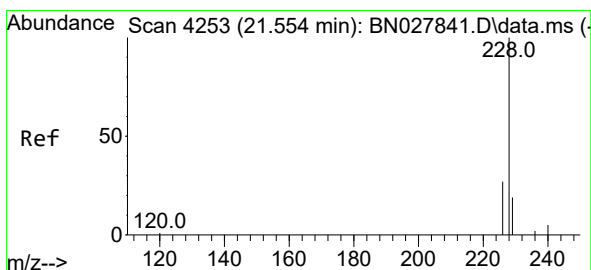
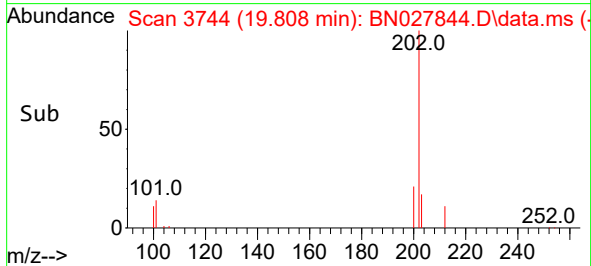
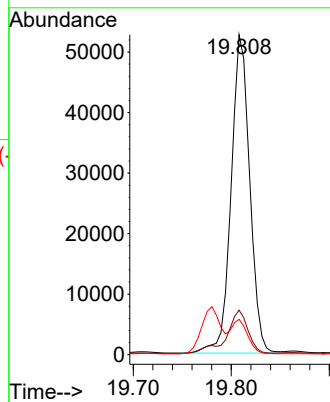
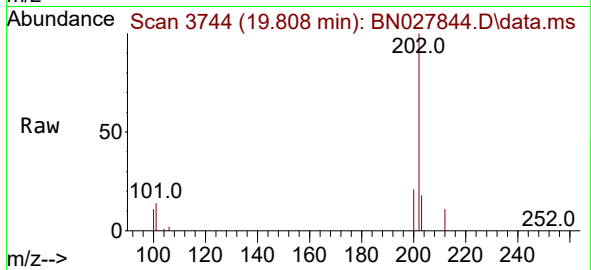
Tgt Ion:	202	Resp:	6938
Ion Ratio	Lower	Upper	
202	100		
101	13.9	11.4	17.0
100	11.0	9.1	13.7

Manual Integrations

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Supervised By :mohammad ahmed 09/25/2023



#21

Benzo(a)anthracene

Concen: 0.364 ng/ul

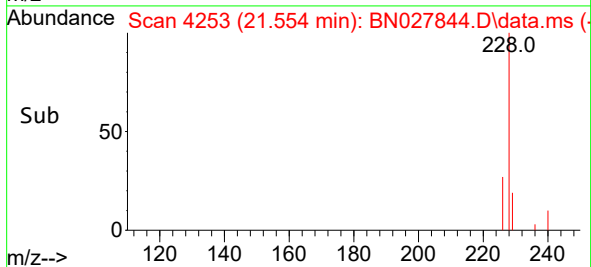
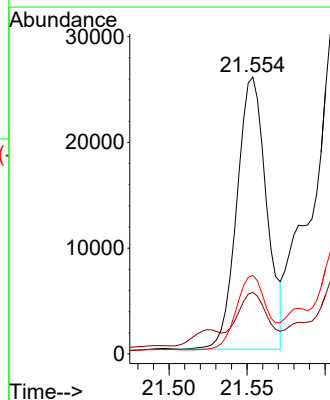
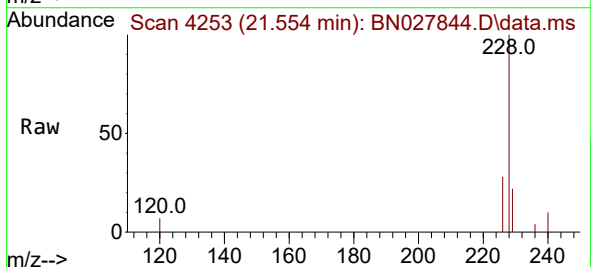
RT: 21.554 min Scan# 4253

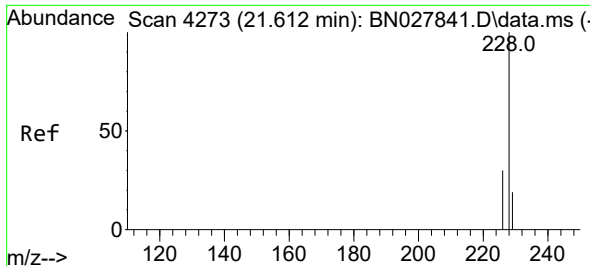
Delta R.T. 0.000 min

Lab File: BN027844.D

Acq: 23 Sep 2023 03:41

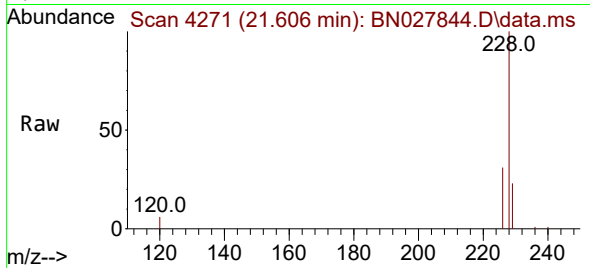
Tgt Ion:	228	Resp:	34034
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.8	23.8
226	28.3	22.0	33.0





#22
Chrysene
Concen: 0.590 ng/ul
RT: 21.606 min Scan# 4271
Delta R.T. -0.003 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

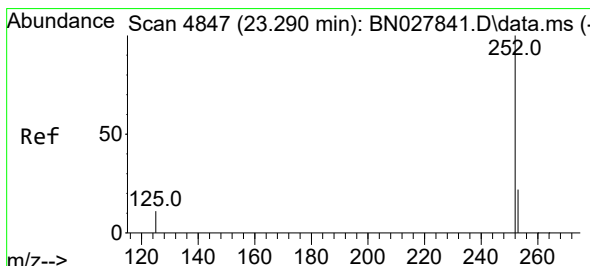
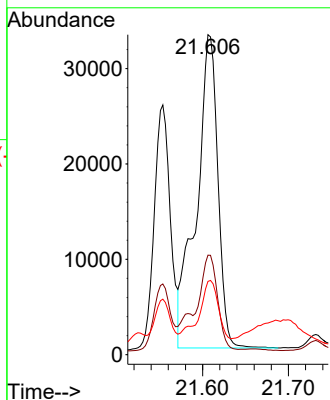
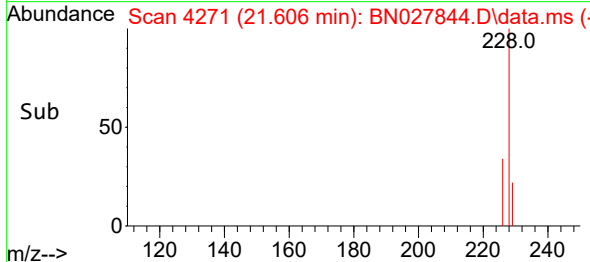
Instrument :
BNA_N
ClientSampleId :
EZYG0DL



Tgt Ion:228 Resp: 57086
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 22.9 16.0 24.0

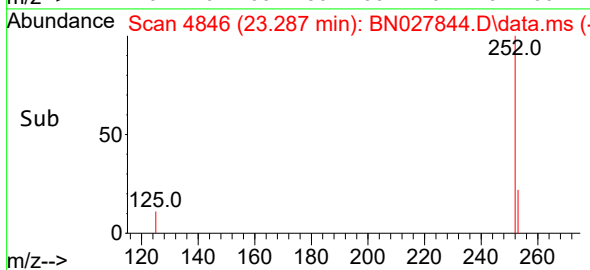
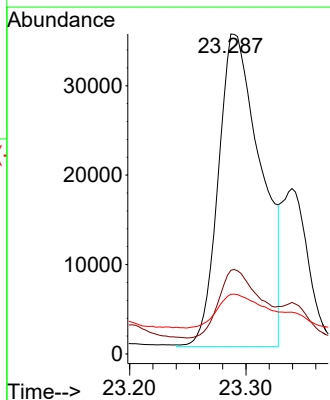
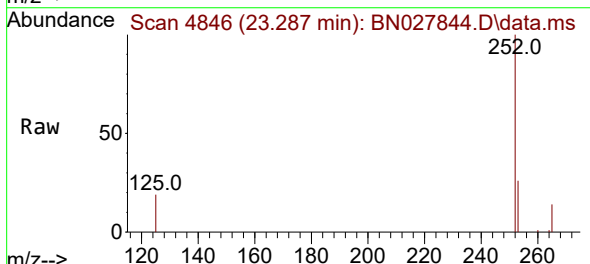
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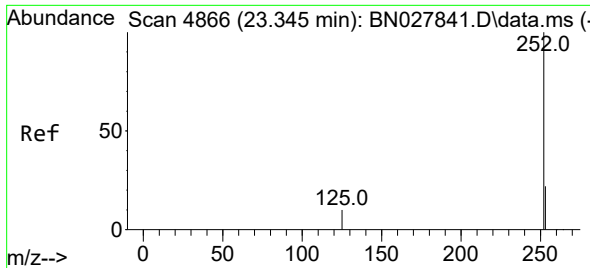
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.952 ng/ul m
RT: 23.287 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

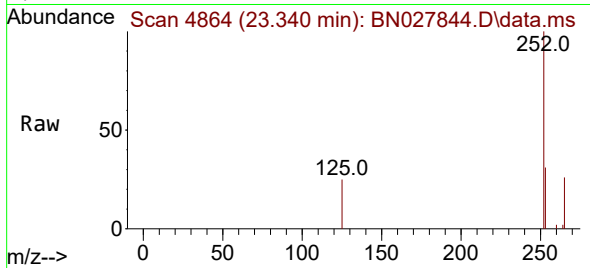
Tgt Ion:252 Resp: 88921
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.2
125 18.6 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul m
RT: 23.340 min Scan# 4866
Delta R.T. -0.003 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

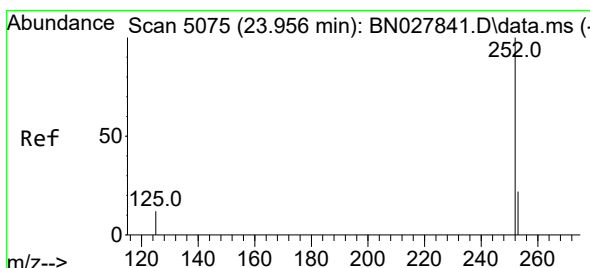
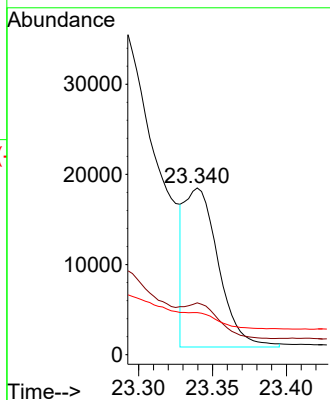
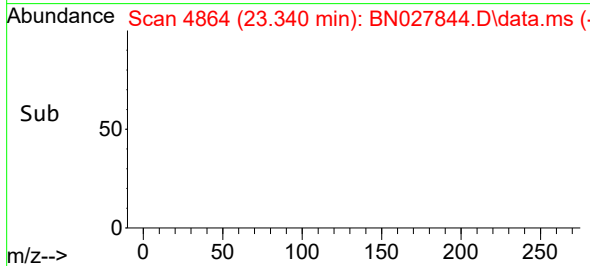
Instrument :
BNA_N
ClientSampleId :
EZYG0DL



Tgt Ion:252 Resp: 28135
Ion Ratio Lower Upper
252 100
253 31.1 19.9 29.9
125 25.2 12.6 19.0

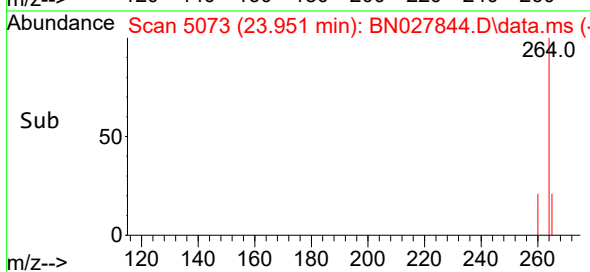
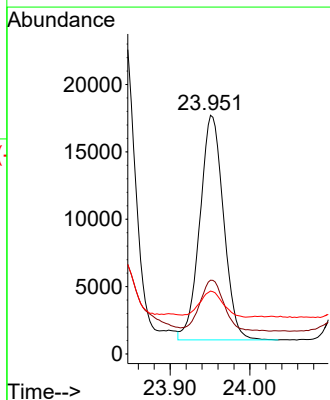
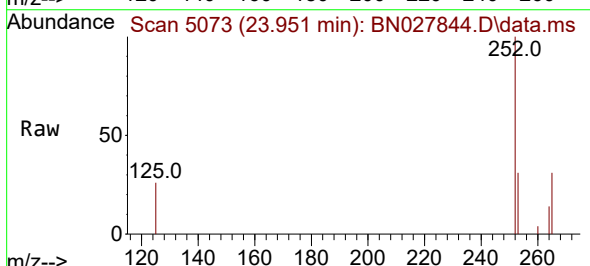
Manual Integrations
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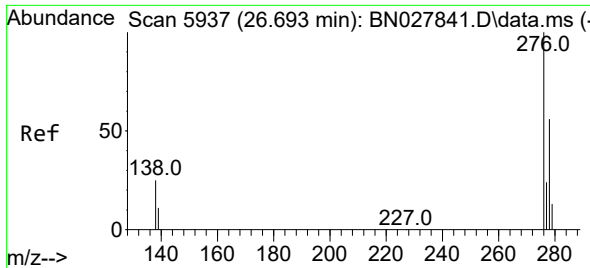
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#26
Benzo(a)pyrene
Concen: 0.458 ng/ul
RT: 23.951 min Scan# 5073
Delta R.T. 0.000 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

Tgt Ion:252 Resp: 34423
Ion Ratio Lower Upper
252 100
253 30.9 21.9 32.9
125 26.3 15.5 23.3





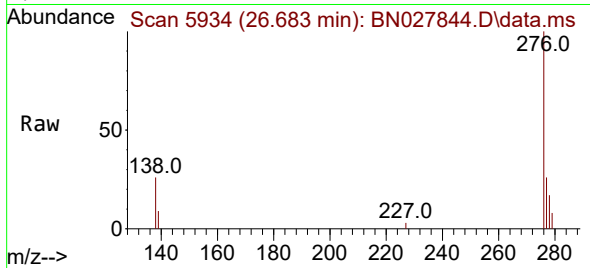
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.450 ng/ul
 RT: 26.683 min Scan# 5937
 Delta R.T. 0.000 min
 Lab File: BN027844.D
 Acq: 23 Sep 2023 03:41

Instrument :

BNA_N

ClientSampleId :

EZYG0DL



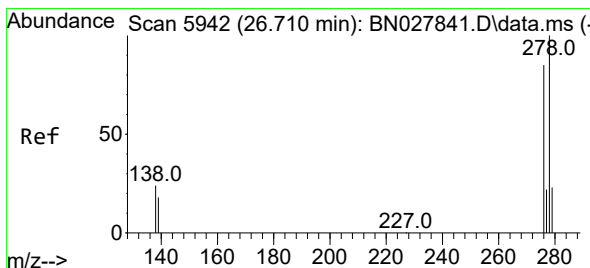
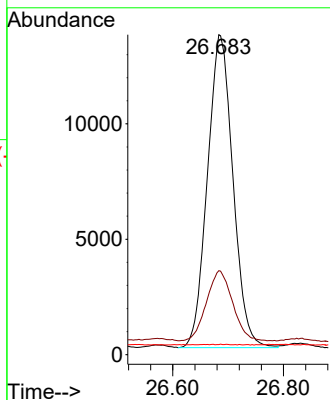
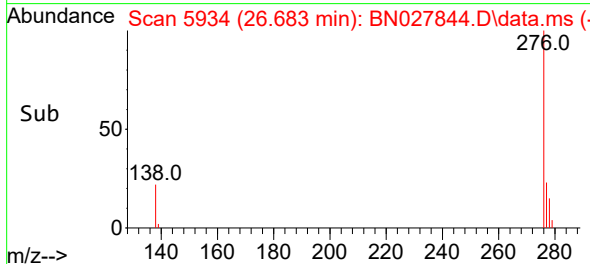
Tgt Ion:276 Resp: 4336
 Ion Ratio Lower Upper
 276 100
 138 23.1 24.3 36.5#
 227 0.1 0.0 0.0#

Manual Integrations

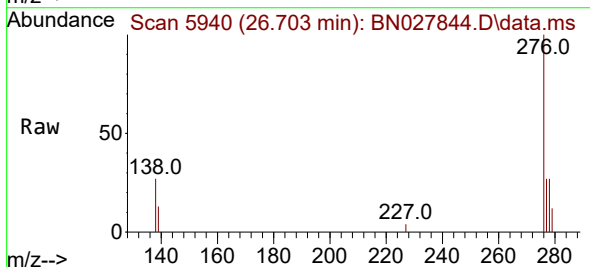
APPROVED

Reviewed By :Yogesh Patel 09/25/2023

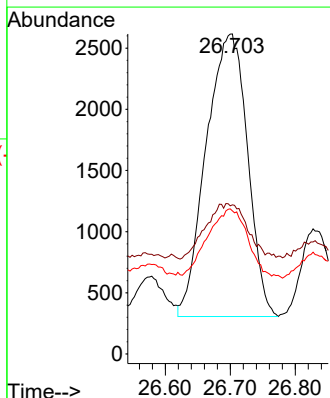
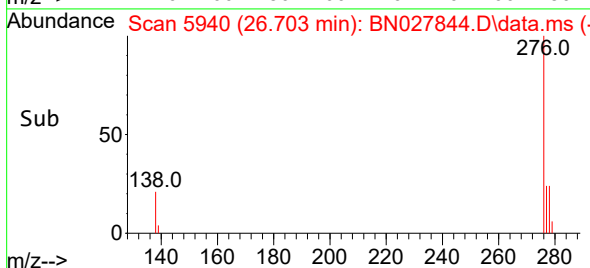
Supervised By :mohammad ahmed 09/25/2023

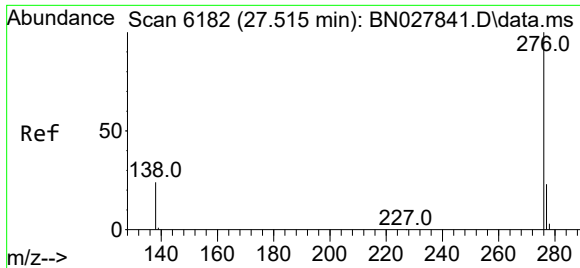


#28
 Dibenzo(a,h)anthracene
 Concen: 0.131 ng/ul
 RT: 26.703 min Scan# 5940
 Delta R.T. -0.003 min
 Lab File: BN027844.D
 Acq: 23 Sep 2023 03:41



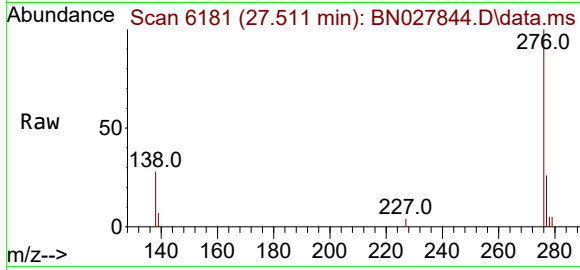
Tgt Ion:278 Resp: 10182
 Ion Ratio Lower Upper
 278 100
 139 46.6 17.2 25.8#
 279 44.7 21.4 32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.569 ng/ul
RT: 27.511 min Scan# 6181
Delta R.T. 0.007 min
Lab File: BN027844.D
Acq: 23 Sep 2023 03:41

Instrument :
BNA_N
ClientSampleId :
EZYG0DL



Tgt Ion:276 Resp: 4653
Ion Ratio Lower Upper
276 100
138 28.0 21.7 32.5
277 25.8 20.2 30.2

Manual Integrations
APPROVED

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

