

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028876.D
 Acq On : 27 Nov 2023 13:04
 Operator : MA/JU
 Sample : 05261-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKR7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 03:57:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	4319	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.424	136	21986m	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.288	164	10864	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.047	188	19184	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.266	240	12488	0.400	ng/ul	# 0.00
23) Perylene-d12	23.537	264	14031	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	15713m	3.292	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	3933	0.119	ng/ul	-0.04
18) Fluoranthene-d10	19.085	212	7505	0.187	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.468	128	292654	4.750	ng/ul	97
7) 2-Methylnaphthalene	12.101	142	45775	1.128	ng/ul	92
8) 1-Methylnaphthalene	12.321	142	19249	0.467	ng/ul	99
11) Acenaphthene	14.353	153	1561	0.039	ng/ul#	86
12) Fluorene	15.348	166	2453	0.053	ng/ul#	75
15) Phenanthrene	17.090	178	26909	0.457	ng/ul#	88
19) Fluoranthene	19.117	202	33506	0.631	ng/ul#	93
20) Pyrene	19.480	202	35671	0.648	ng/ul#	90
21) Benzo(a)anthracene	21.252	228	8846	0.179	ng/ul#	48
22) Chrysene	21.275	228	32356m	0.670	ng/ul	
24) Benzo(b)fluoranthene	22.856	252	21543m	0.409	ng/ul	
25) Benzo(k)fluoranthene	22.894	252	9070m	0.164	ng/ul	
26) Benzo(a)pyrene	23.438	252	11326	0.228	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.867	276	10430	0.189	ng/ul#	87
29) Benzo(g,h,i)perylene	26.574	276	10914	0.241	ng/ul#	58

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

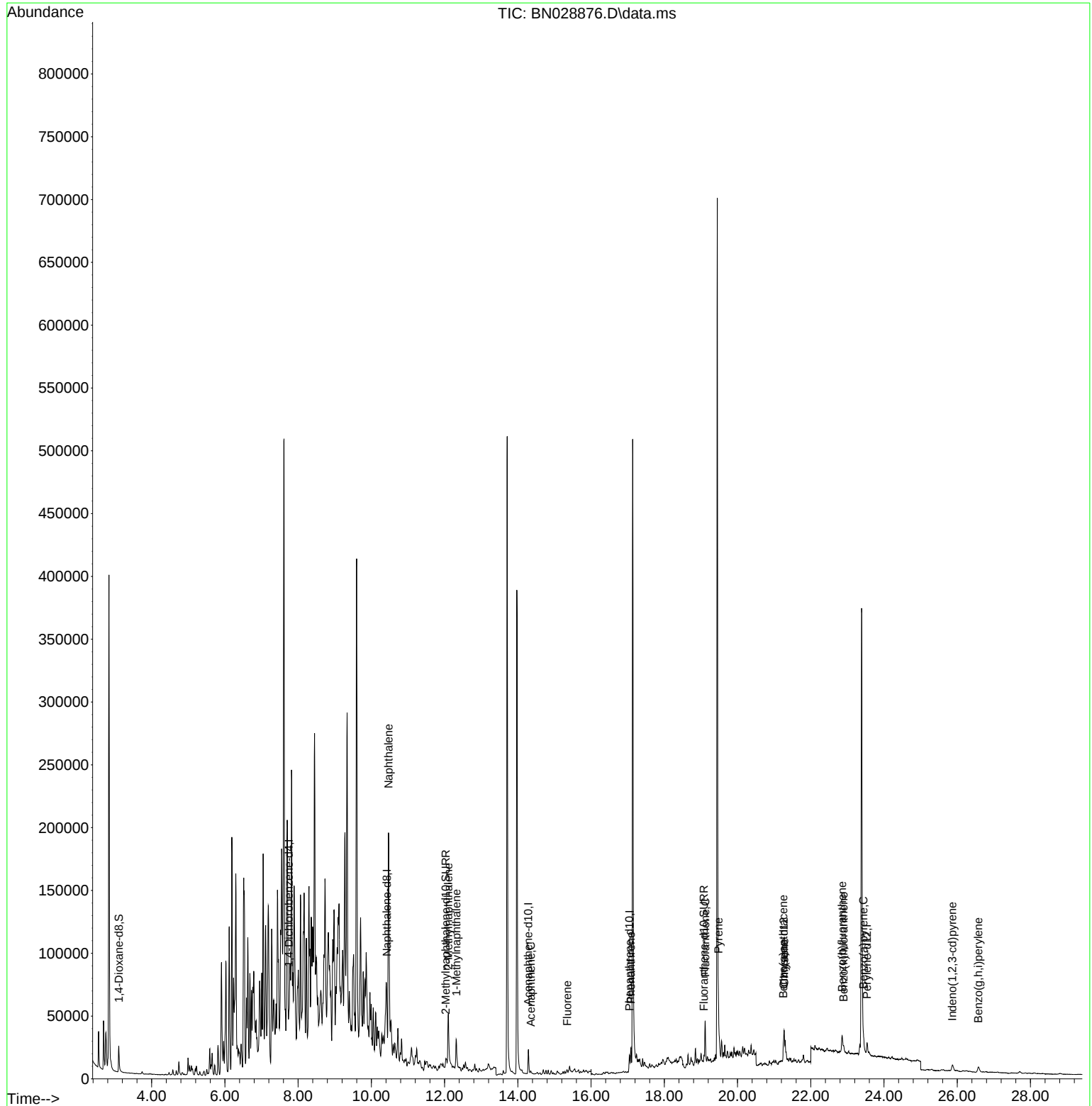
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028876.D
Acq On : 27 Nov 2023 13:04
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ALS Vial : 6 Sample Multiplier: 1

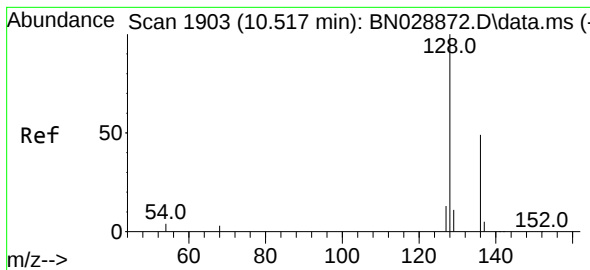
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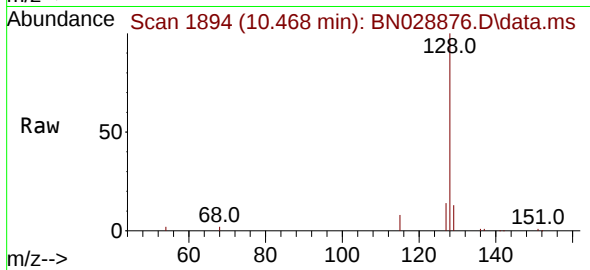
Quant Time: Nov 28 03:57:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
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#5
Naphthalene
Concen: 4.750 ng/ul
RT: 10.468 min Scan# 1894
Delta R.T. -0.038 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

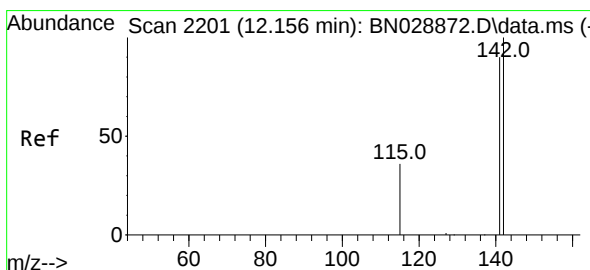
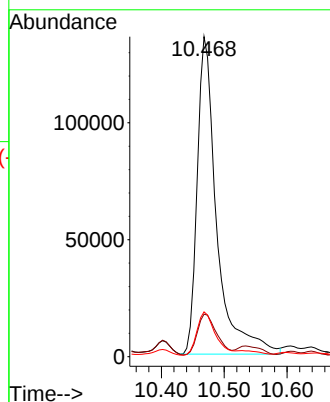
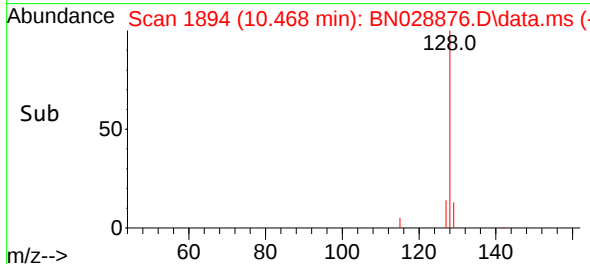
Instrument :
BNA_N
ClientSampleId :
DCKR7



Tgt Ion:128 Resp: 292654
Ion Ratio Lower Upper
128 100
129 13.3 9.2 13.8
127 14.0 10.7 16.1

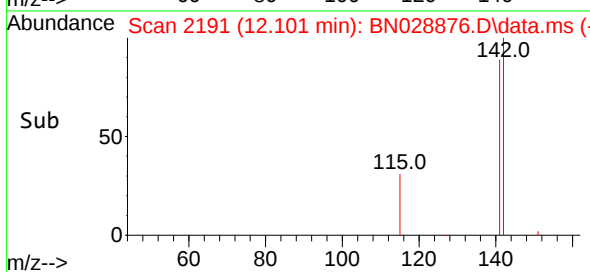
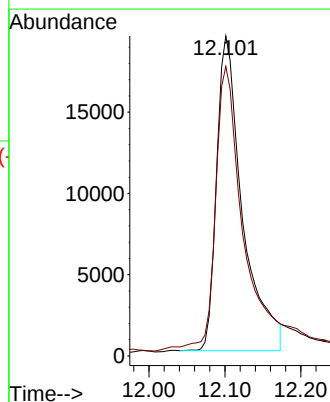
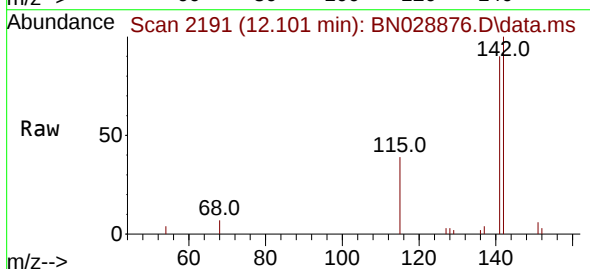
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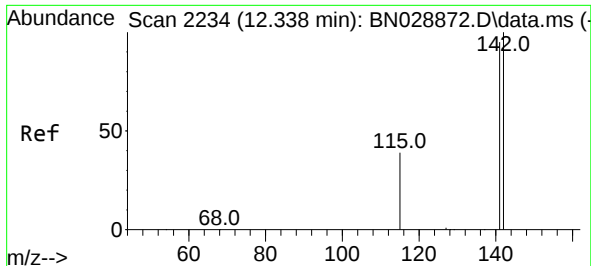
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 1.128 ng/ul
RT: 12.101 min Scan# 2191
Delta R.T. -0.038 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

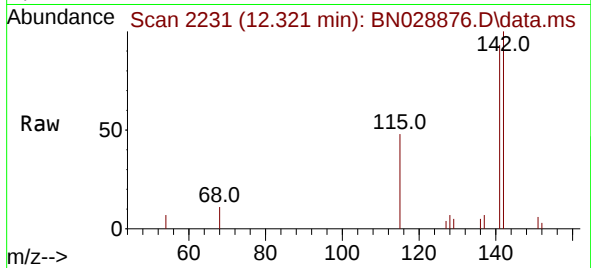
Tgt Ion:142 Resp: 45775
Ion Ratio Lower Upper
142 100
141 95.6 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.467 ng/ul
RT: 12.321 min Scan# 21
Delta R.T. -0.016 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

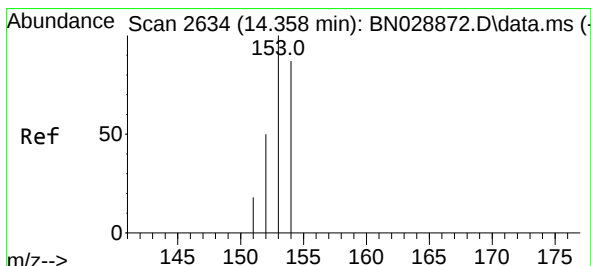
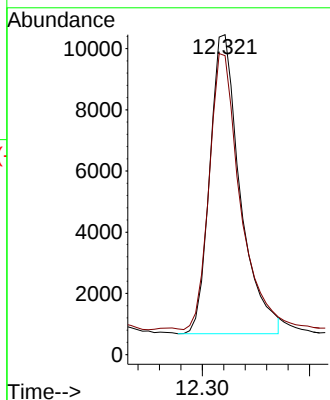
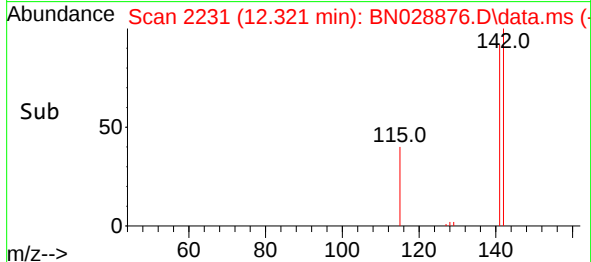
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 19249
Ion Ratio Lower Upper
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141 93.2 74.1 111.1

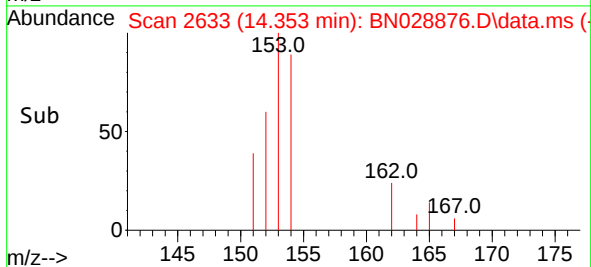
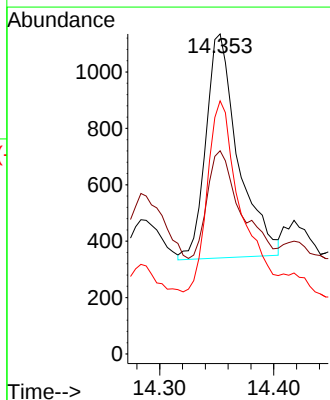
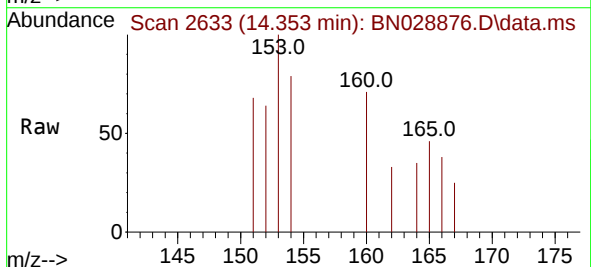
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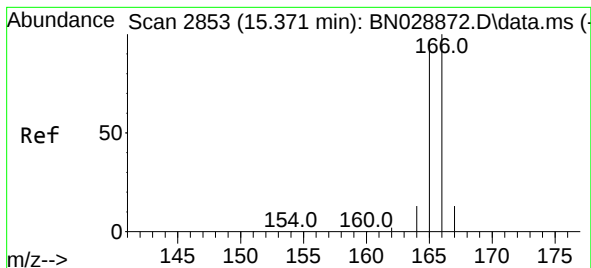
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.353 min Scan# 2633
Delta R.T. -0.010 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

Tgt Ion:153 Resp: 1561
Ion Ratio Lower Upper
153 100
152 63.5 39.6 59.4#
154 79.1 71.0 106.6





#12

Fluorene

Concen: 0.053 ng/uI

RT: 15.348 min Scan# 21

Delta R.T. -0.019 min

Lab File: BN028876.D

Acq: 27 Nov 2023 13:04

Instrument :

BNA_N

ClientSampleId :

DCKR7

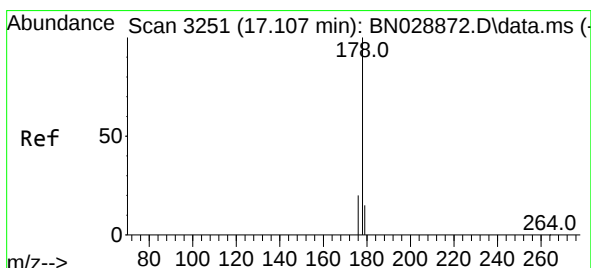
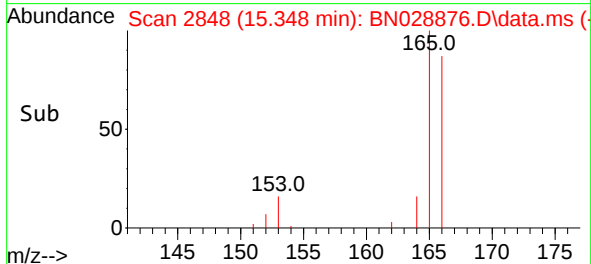
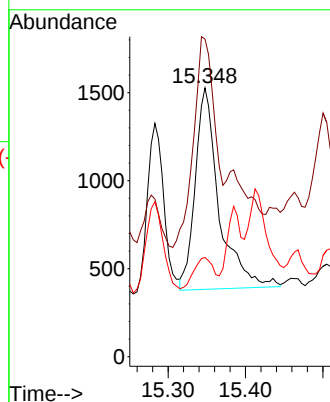
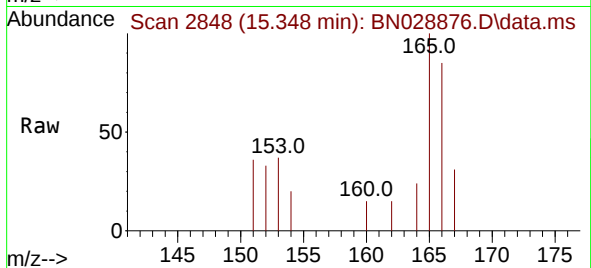
Tgt Ion:	166	Resp:	245
Ion Ratio	Lower	Upper	
166	100		
165	118.1	78.6	118.0
167	36.9	11.0	16.6

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#15

Phenanthrene

Concen: 0.457 ng/uI

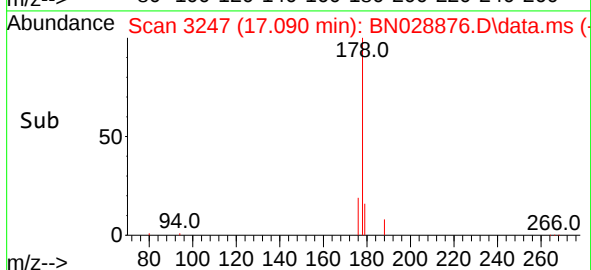
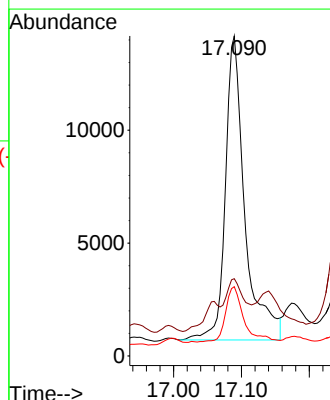
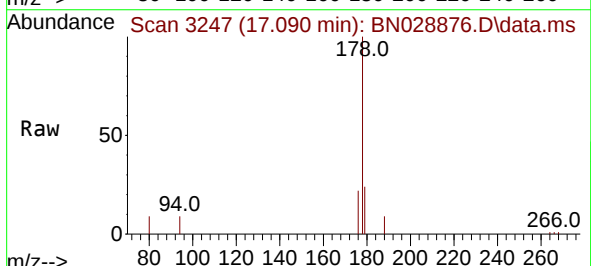
RT: 17.090 min Scan# 3247

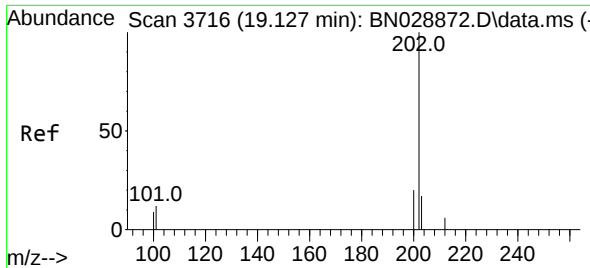
Delta R.T. -0.013 min

Lab File: BN028876.D

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Tgt Ion:	178	Resp:	26909
Ion Ratio	Lower	Upper	
178	100		
179	24.2	12.4	18.6
176	21.6	15.4	23.2





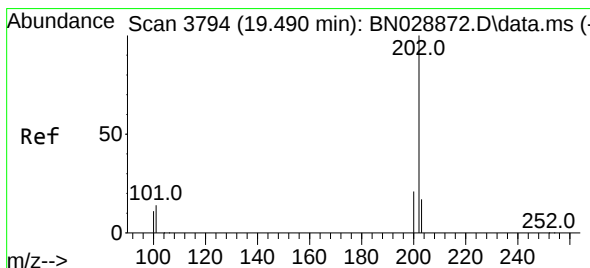
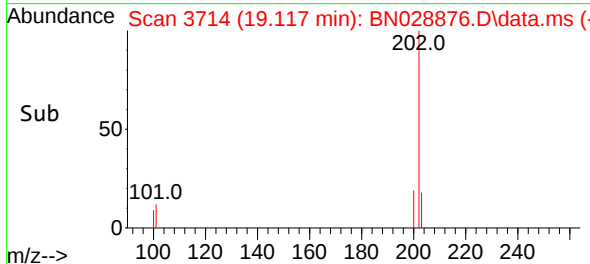
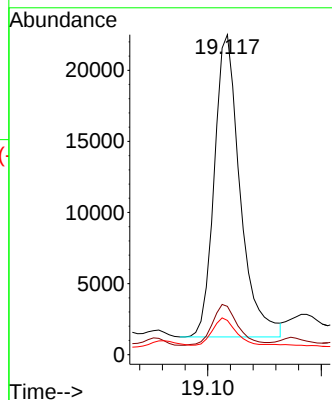
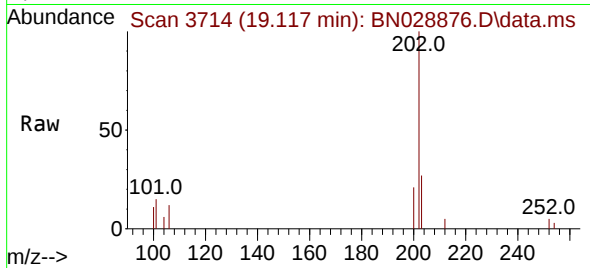
#19
Fluoranthene
Concen: 0.631 ng/u1
RT: 19.117 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

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ClientSampleId :
DCKR7

Tgt Ion:202 Resp: 33500
Ion Ratio Lower Upper
202 100
101 15.1 9.5 14.3#
100 10.7 7.2 10.8

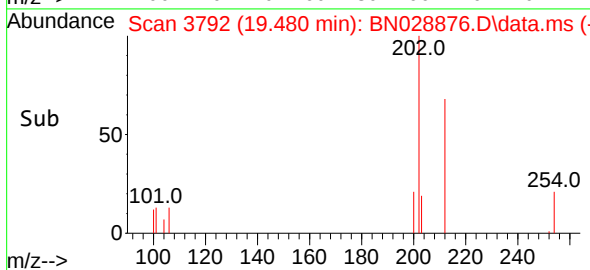
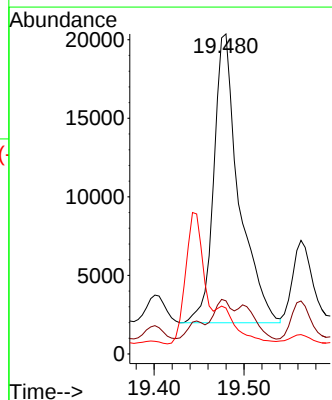
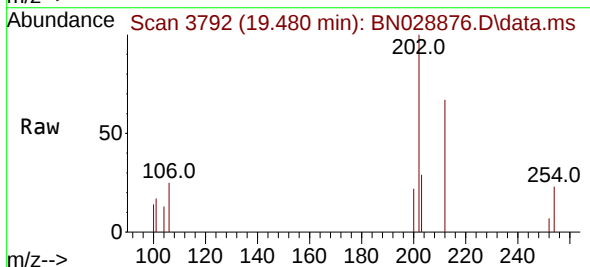
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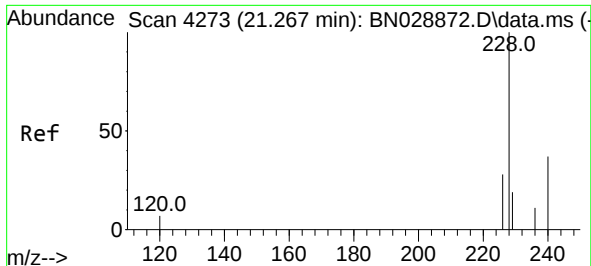
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 0.648 ng/u1
RT: 19.480 min Scan# 3792
Delta R.T. -0.005 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

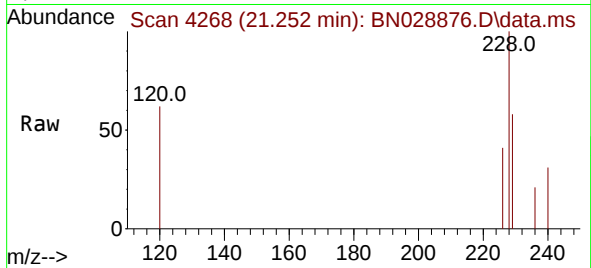
Tgt Ion:202 Resp: 35671
Ion Ratio Lower Upper
202 100
101 16.6 10.3 15.5#
100 14.4 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.179 ng/ul
RT: 21.252 min Scan# 4268
Delta R.T. -0.004 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

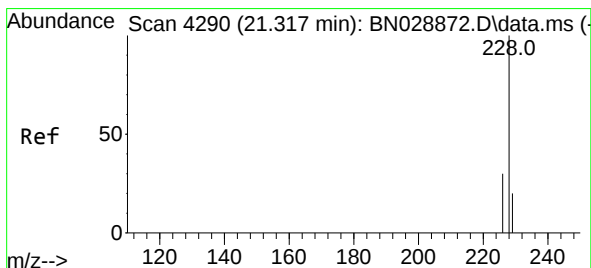
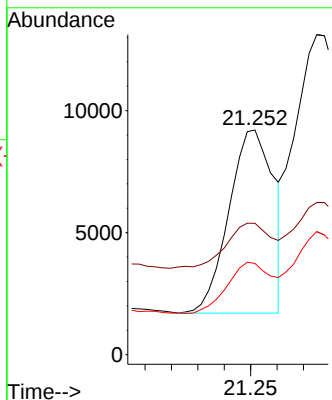
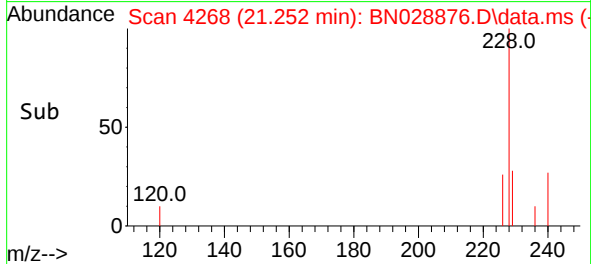
Instrument :
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DCKR7



Tgt Ion:228 Resp: 8840
Ion Ratio Lower Upper
228 100
229 58.5 15.7 23.5#
226 40.6 21.4 32.0#

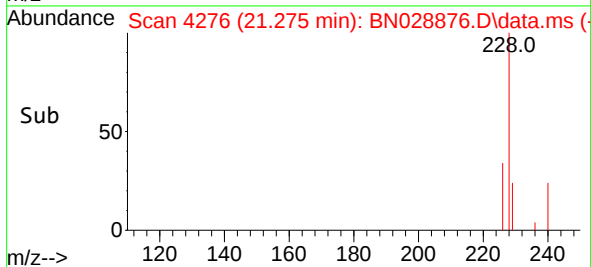
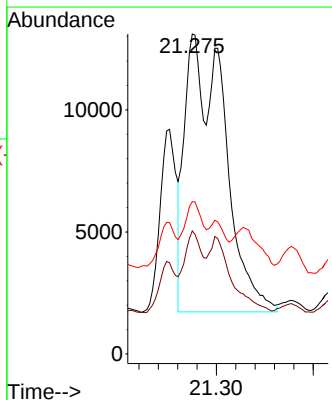
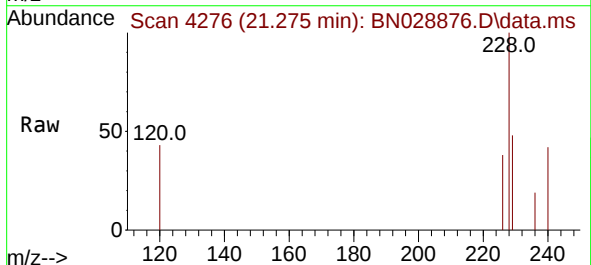
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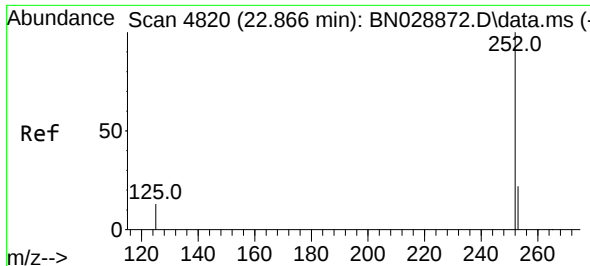
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 0.670 ng/ul m
RT: 21.275 min Scan# 4276
Delta R.T. -0.030 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

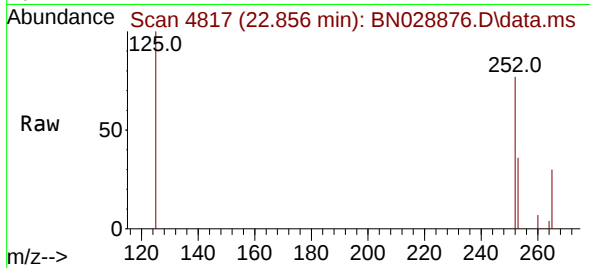
Tgt Ion:228 Resp: 32356
Ion Ratio Lower Upper
228 100
226 38.4 23.8 35.8#
229 47.6 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.409 ng/ul m
RT: 22.856 min Scan# 4817
Delta R.T. 0.002 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

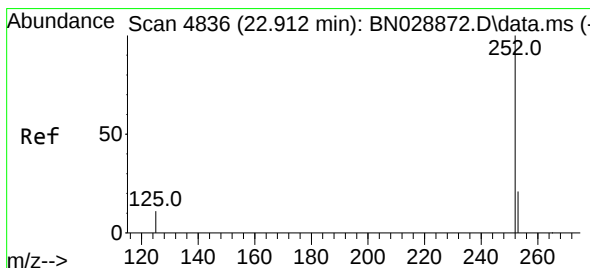
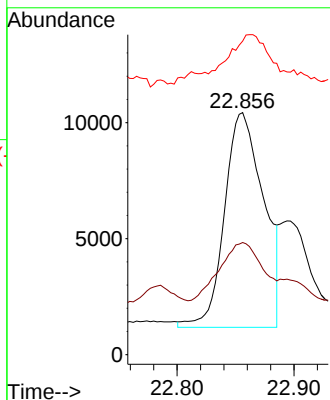
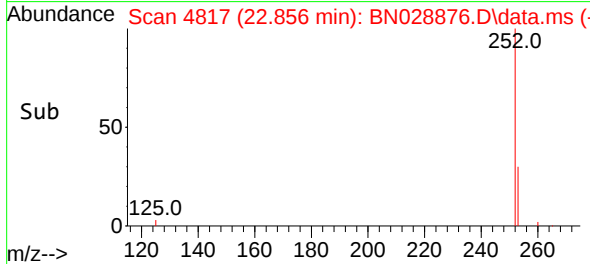
Instrument :
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Tgt Ion:252 Resp: 2154
Ion Ratio Lower Upper
252 100
253 46.4 0.0 46.6
125 129.6 0.0 27.6

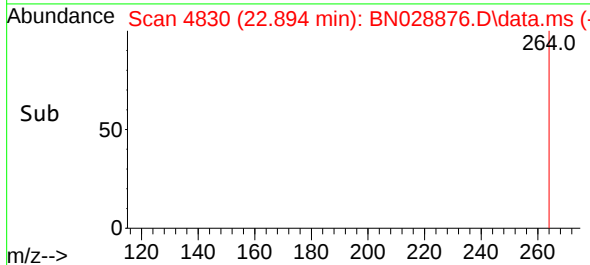
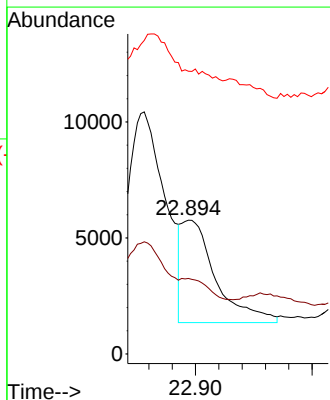
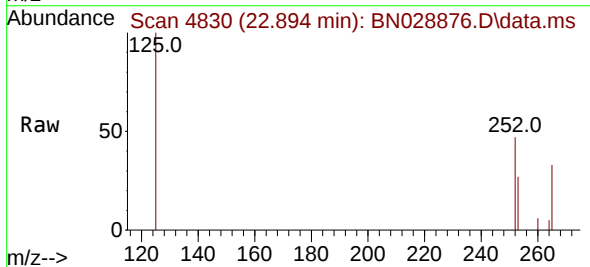
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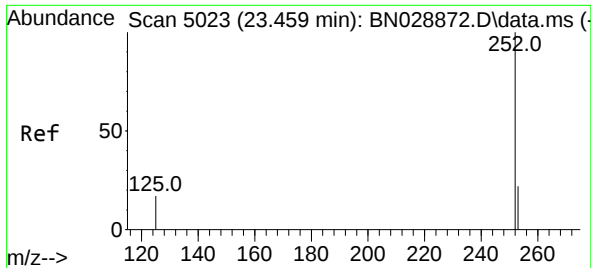
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 22.894 min Scan# 4830
Delta R.T. -0.010 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

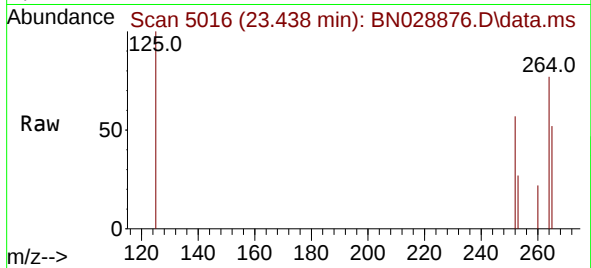
Tgt Ion:252 Resp: 9070
Ion Ratio Lower Upper
252 100
253 56.4 18.6 28.0#
125 211.3 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.228 ng/ul
RT: 23.438 min Scan# 5016
Delta R.T. -0.007 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04

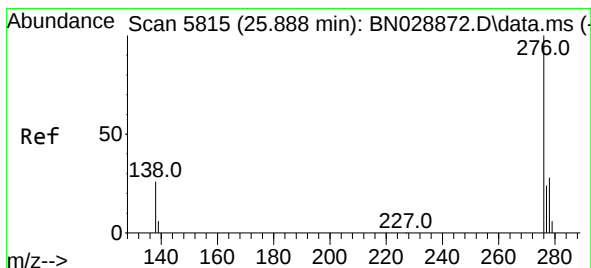
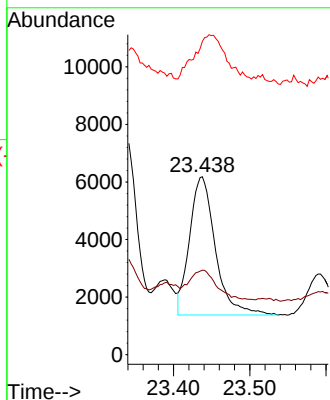
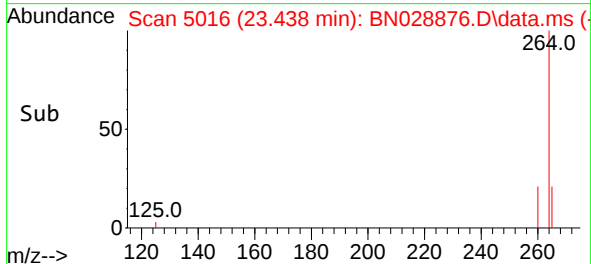
Instrument :
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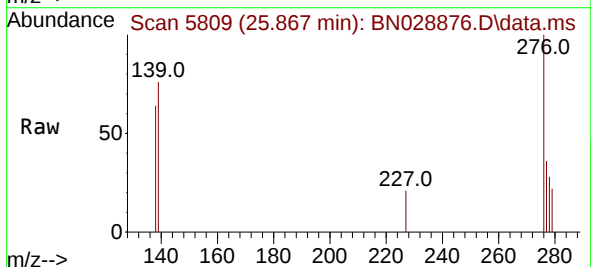
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125 176.0 13.2 19.8#

Manual Integrations
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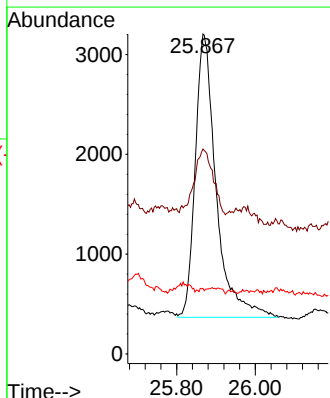
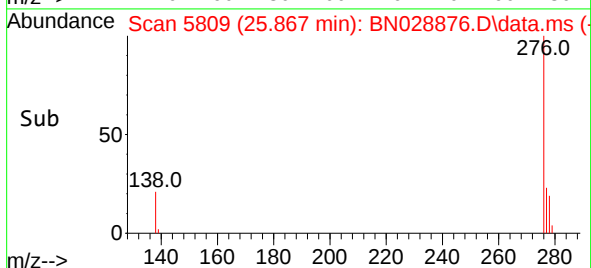
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

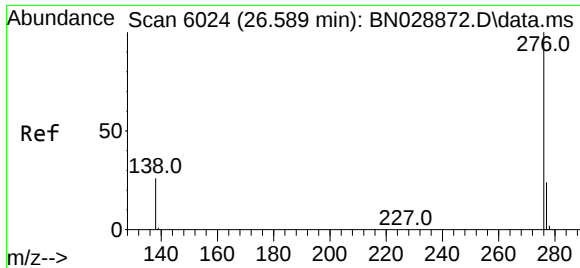


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 25.867 min Scan# 5809
Delta R.T. -0.007 min
Lab File: BN028876.D
Acq: 27 Nov 2023 13:04



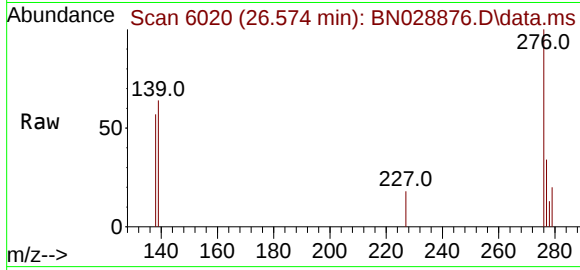
Tgt Ion:276 Resp: 10430
Ion Ratio Lower Upper
276 100
138 22.5 23.8 35.6#
227 0.2 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.241 ng/ul
 RT: 26.574 min Scan# 6020
 Delta R.T. -0.004 min
 Lab File: BN028876.D
 Acq: 27 Nov 2023 13:04

Instrument :
 BNA_N
 ClientSampleId :
 DCKR7



Tgt Ion:276 Resp: 10914
 Ion Ratio Lower Upper
 276 100
 138 57.0 20.5 30.7
 277 34.4 19.4 29.0

Manual Integrations
 APPROVED

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