

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028879.D
 Acq On : 27 Nov 2023 14:52
 Operator : MA/JU
 Sample : 05261-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKQ2DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 04:12:41 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	7.669	152	4496m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.434	136	17807	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.291	164	9122	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.050	188	14867	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.267	240	12603	0.400	ng/ul	# 0.00
23) Perylene-d12	23.535	264	13404	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	2631	0.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.061	152	639m	0.024	ng/ul	-0.01
18) Fluoranthene-d10	19.088	212	1355	0.033	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.483	128	2002	0.040	ng/ul#	69
11) Acenaphthene	14.352	153	1195	0.036	ng/ul	93
12) Fluorene	15.351	166	1431	0.037	ng/ul#	89
15) Phenanthrene	17.088	178	16676	0.365	ng/ul	96
16) Anthracene	17.181	178	4493	0.107	ng/ul#	79
19) Fluoranthene	19.116	202	29714	0.554	ng/ul	99
20) Pyrene	19.478	202	26316	0.474	ng/ul	97
21) Benzo(a)anthracene	21.250	228	14718	0.295	ng/ul#	83
22) Chrysene	21.302	228	9186	0.189	ng/ul#	80
24) Benzo(b)fluoranthene	22.854	252	16420m	0.326	ng/ul	
25) Benzo(k)fluoranthene	22.892	252	6312m	0.120	ng/ul	
26) Benzo(a)pyrene	23.433	252	11955	0.252	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.865	276	8658	0.164	ng/ul#	84
29) Benzo(g,h,i)perylene	26.576	276	8724	0.202	ng/ul#	57

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

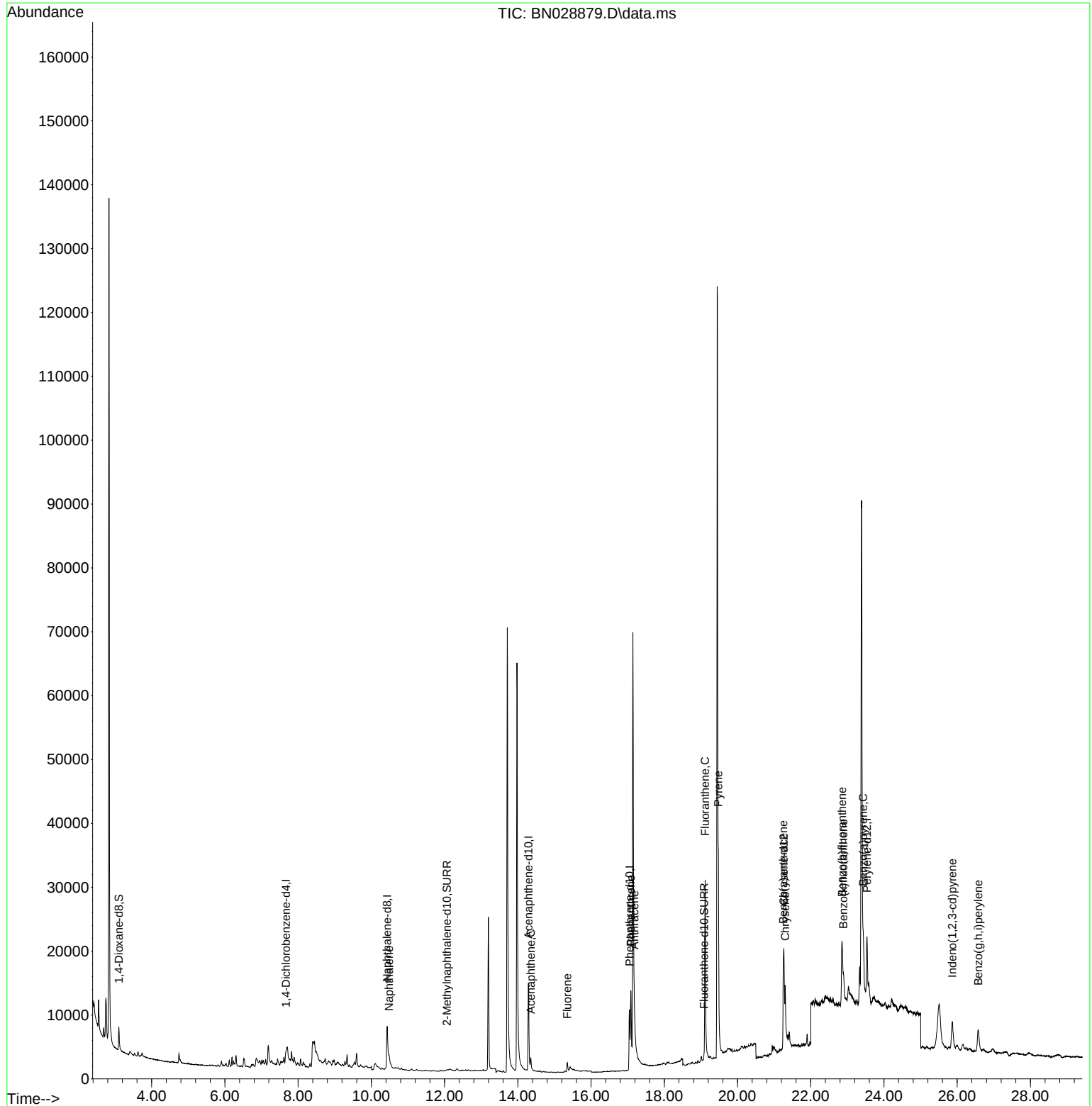
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028879.D
Acq On : 27 Nov 2023 14:52
Operator : MA/JU
Sample : 05261-05DL 5X
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ALS Vial : 9 Sample Multiplier: 1

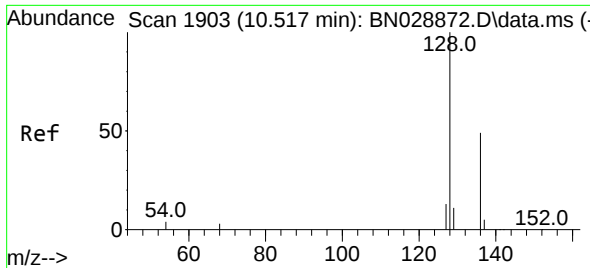
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Quant Time: Nov 28 04:12:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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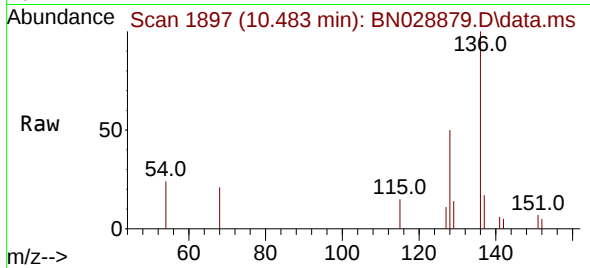
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023





#5
Naphthalene
Concen: 0.040 ng/u1
RT: 10.483 min Scan# 1897
Delta R.T. -0.023 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

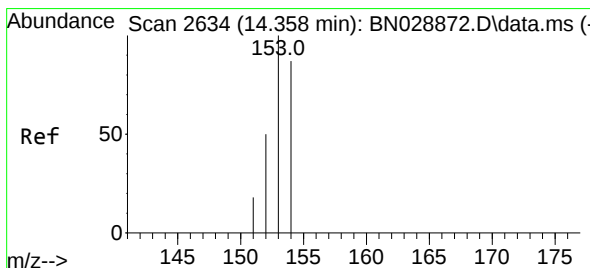
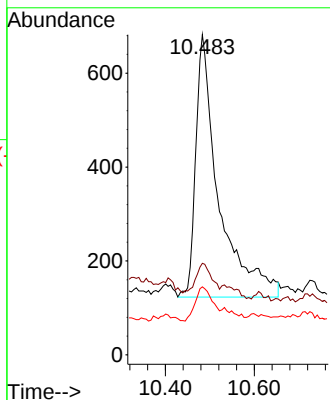
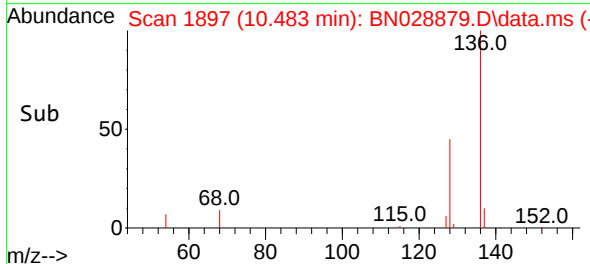
Instrument :
BNA_N
ClientSampleId :
DCKQ2DL



Tgt Ion:128 Resp: 200
Ion Ratio Lower Upper
128 100
129 28.6 9.2 13.8
127 21.3 10.7 16.1

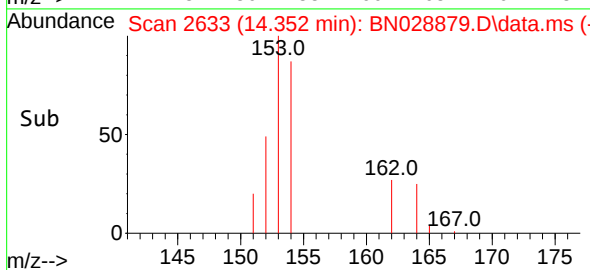
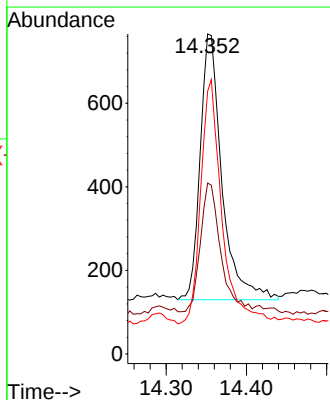
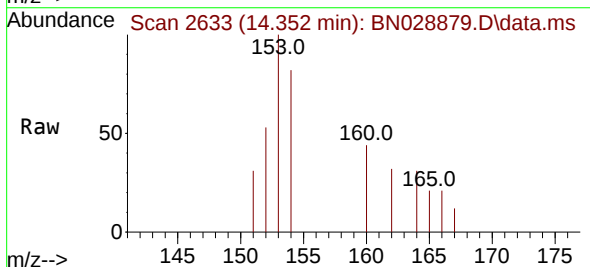
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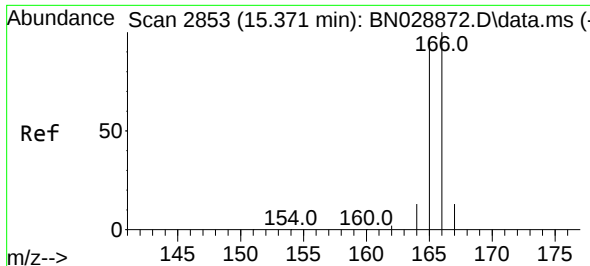
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Supervised By :mohammad ahmed 11/28/2023



#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.352 min Scan# 2633
Delta R.T. -0.011 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

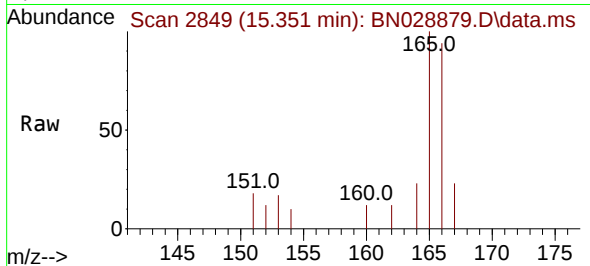
Tgt Ion:153 Resp: 1195
Ion Ratio Lower Upper
153 100
152 53.4 39.6 59.4
154 82.1 71.0 106.6





#12
Fluorene
Concen: 0.037 ng/u1
RT: 15.351 min Scan# 21
Delta R.T. -0.016 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

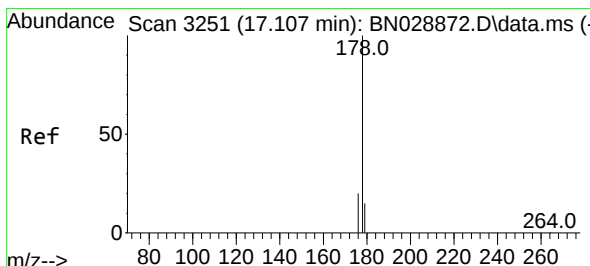
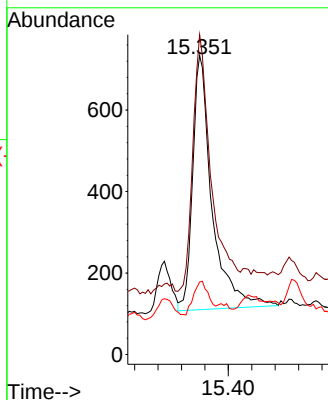
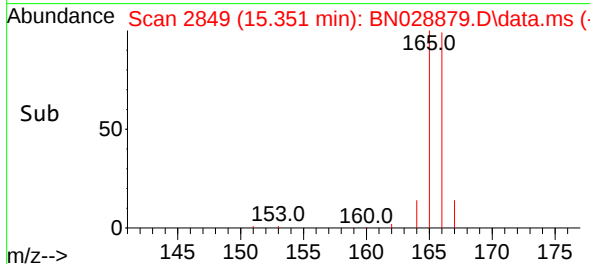
Instrument :
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ClientSampleId :
DCKQ2DL



Tgt Ion:166 Resp: 143
Ion Ratio Lower Upper
166 100
165 106.9 78.6 118.0
167 24.3 11.0 16.6

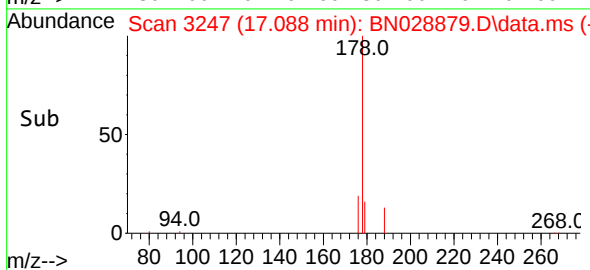
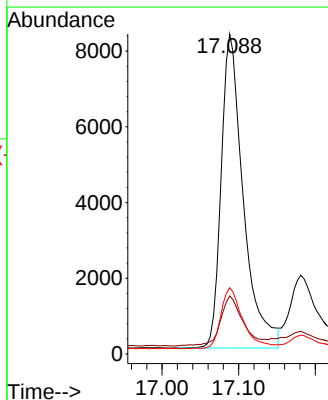
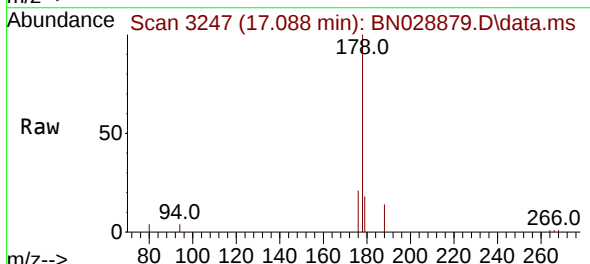
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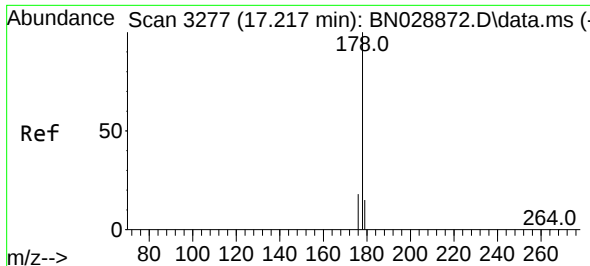
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.365 ng/u1
RT: 17.088 min Scan# 3247
Delta R.T. -0.015 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

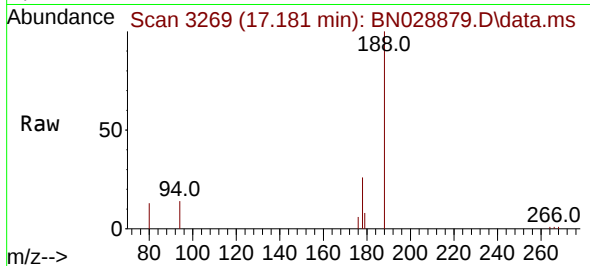
Tgt Ion:178 Resp: 16676
Ion Ratio Lower Upper
178 100
179 18.1 12.4 18.6
176 20.7 15.4 23.2





#16
 Anthracene
 Concen: 0.107 ng/ul
 RT: 17.181 min Scan# 3269
 Delta R.T. -0.023 min
 Lab File: BN028879.D
 Acq: 27 Nov 2023 14:52

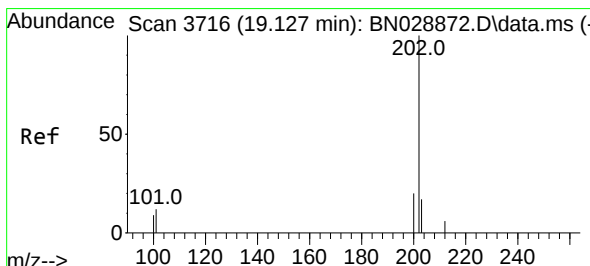
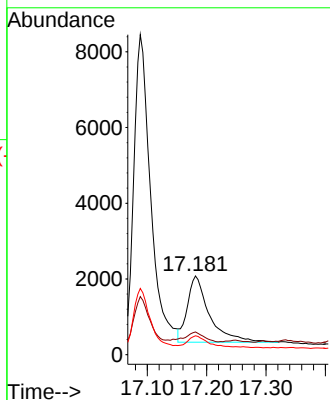
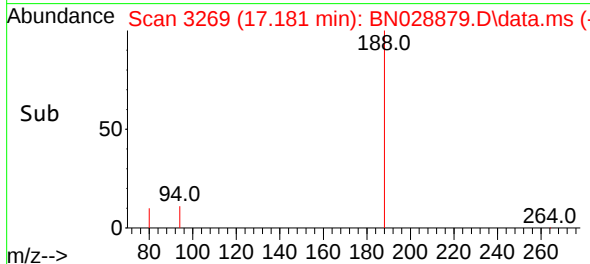
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 449
 Ion Ratio Lower Upper
 178 100
 179 28.8 12.6 18.8
 176 23.9 14.9 22.3

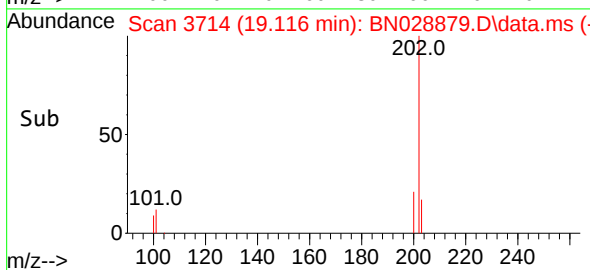
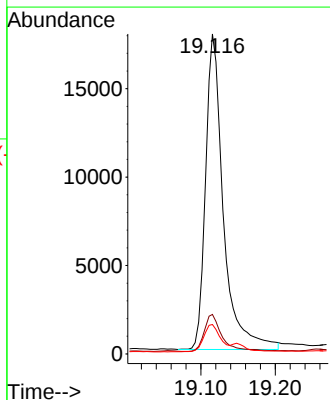
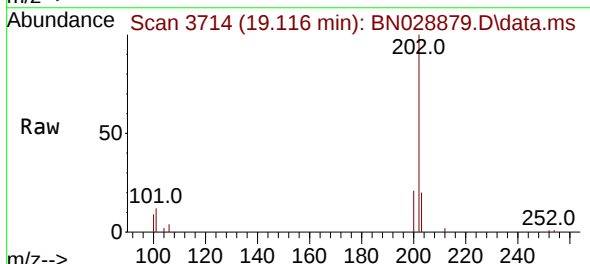
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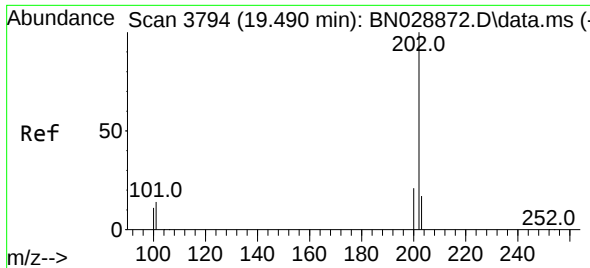
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



#19
 Fluoranthene
 Concen: 0.554 ng/ul
 RT: 19.116 min Scan# 3714
 Delta R.T. -0.007 min
 Lab File: BN028879.D
 Acq: 27 Nov 2023 14:52

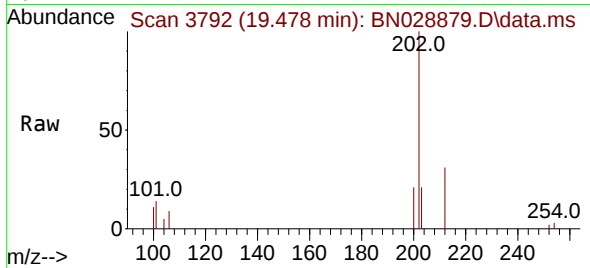
Tgt Ion:202 Resp: 29714
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.5 14.3
 100 9.2 7.2 10.8





#20
Pyrene
Concen: 0.474 ng/u1
RT: 19.478 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

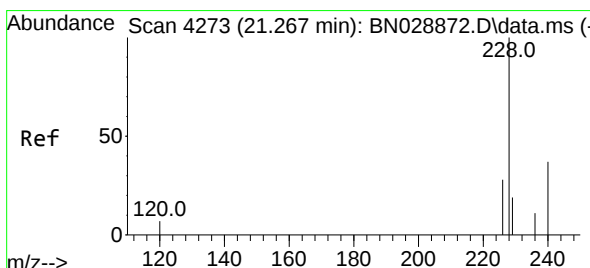
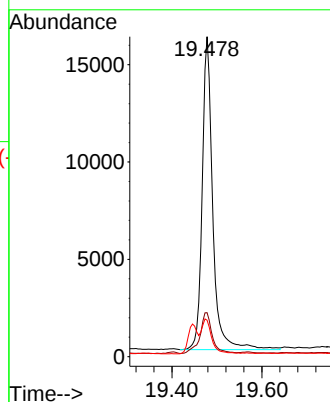
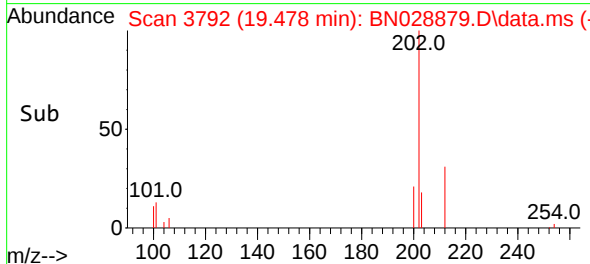
Instrument :
BNA_N
ClientSampleId :
DCKQ2DL



Tgt Ion:202 Resp: 26310
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 11.4 8.2 12.2

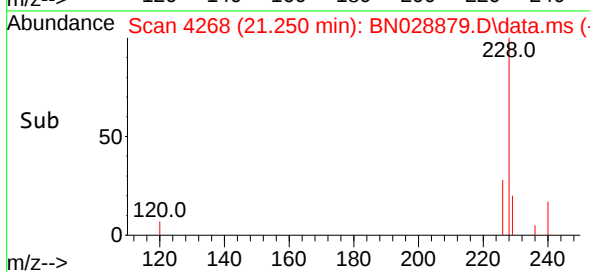
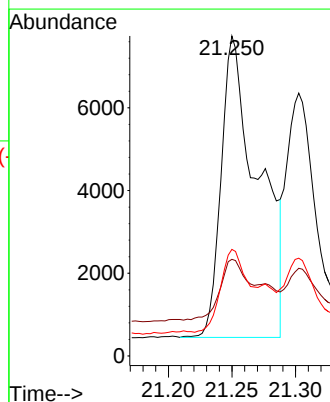
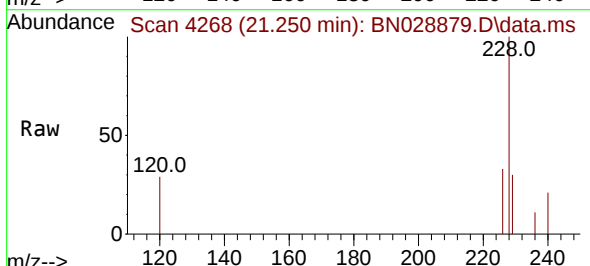
Manual Integrations
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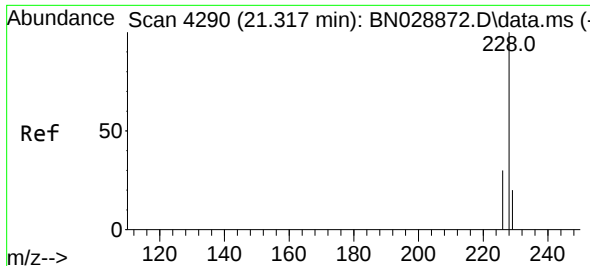
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#21
Benzo(a)anthracene
Concen: 0.295 ng/u1
RT: 21.250 min Scan# 4268
Delta R.T. -0.005 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

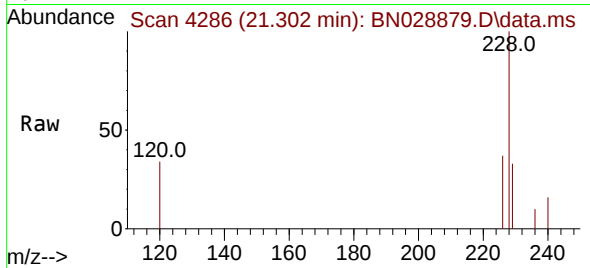
Tgt Ion:228 Resp: 14718
Ion Ratio Lower Upper
228 100
229 30.2 15.7 23.5#
226 33.3 21.4 32.0#





#22
Chrysene
Concen: 0.189 ng/ul
RT: 21.302 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

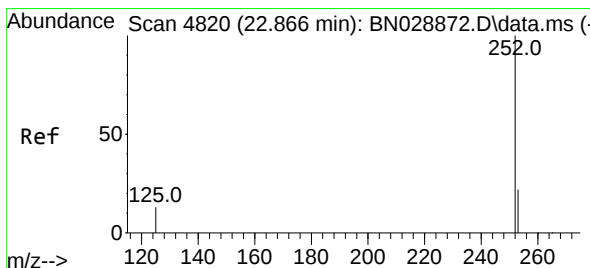
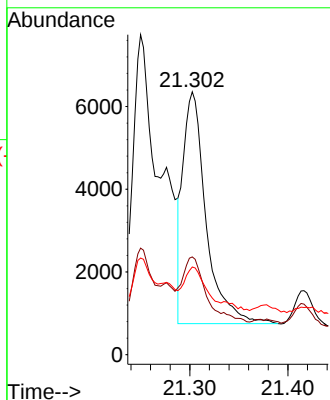
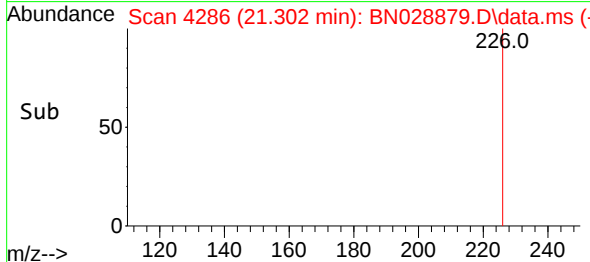
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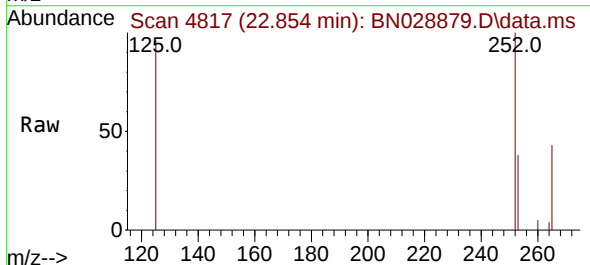
Tgt Ion:228 Resp: 9180
Ion Ratio Lower Upper
228 100
226 37.2 23.8 35.8
229 33.4 15.4 23.2

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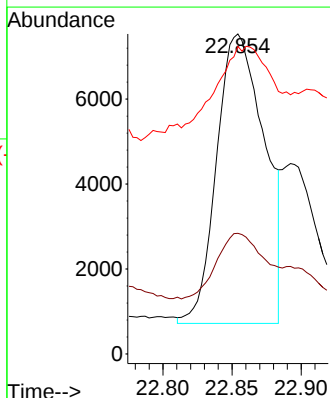
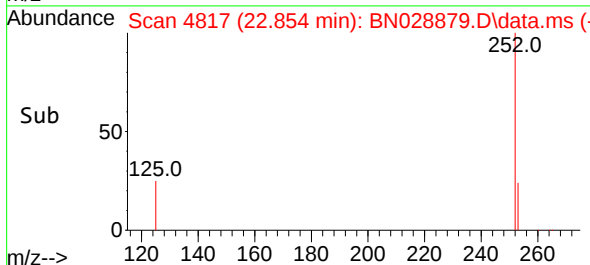
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

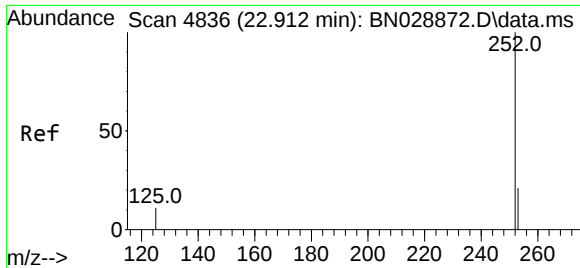


#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul m
RT: 22.854 min Scan# 4817
Delta R.T. 0.000 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52



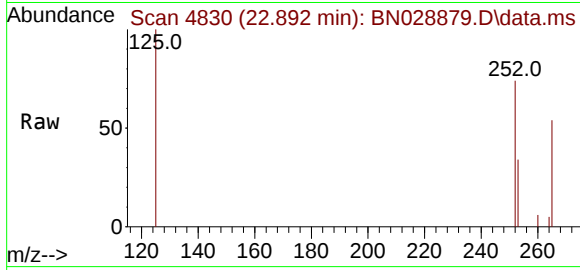
Tgt Ion:252 Resp: 16420
Ion Ratio Lower Upper
252 100
253 37.7 0.0 46.6
125 96.1 0.0 27.6





#25
Benzo(k)fluoranthene
Concen: 0.120 ng/ul m
RT: 22.892 min Scan# 4836
Delta R.T. -0.011 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

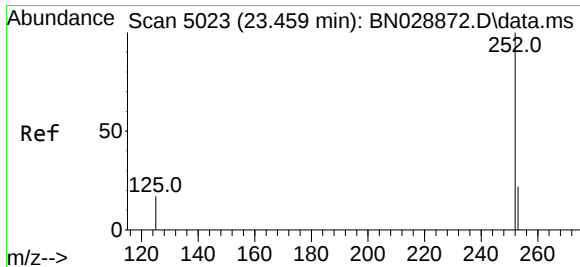
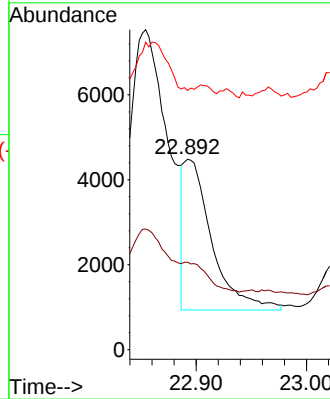
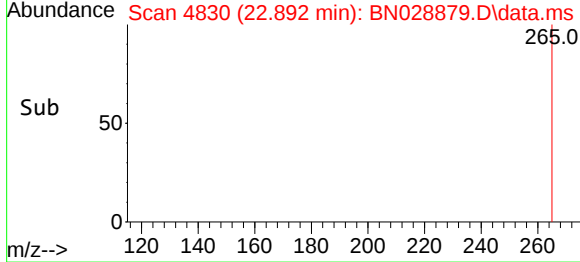
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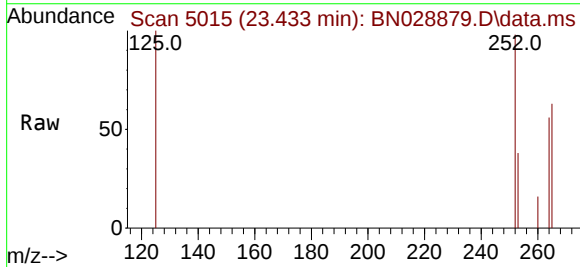
Tgt Ion:252 Resp: 6312
Ion Ratio Lower Upper
252 100
253 46.0 18.6 28.0#
125 136.1 12.7 19.1#

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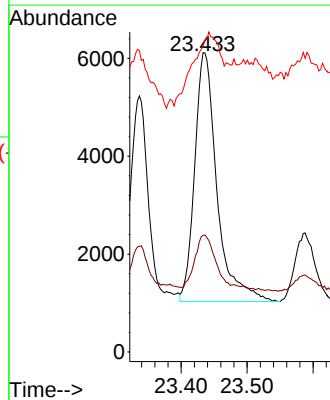
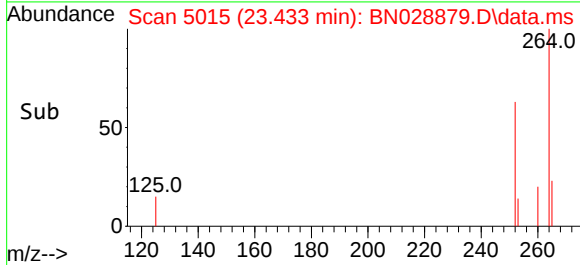
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

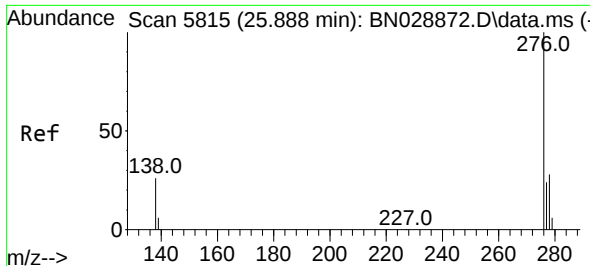


#26
Benzo(a)pyrene
Concen: 0.252 ng/ul
RT: 23.433 min Scan# 5015
Delta R.T. -0.011 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52



Tgt Ion:252 Resp: 11955
Ion Ratio Lower Upper
252 100
253 39.0 19.0 28.6#
125 102.0 13.2 19.8#





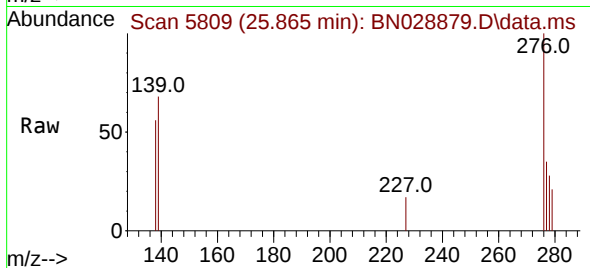
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 25.865 min Scan# 5809
Delta R.T. -0.009 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52

Instrument :

BNA_N

ClientSampleId :

DCKQ2DL

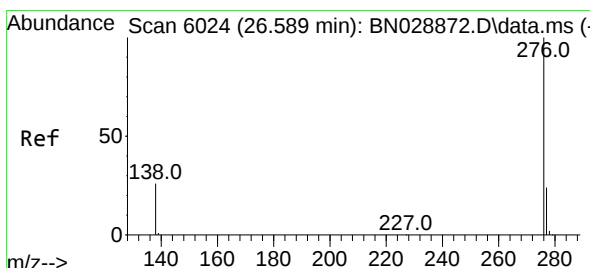
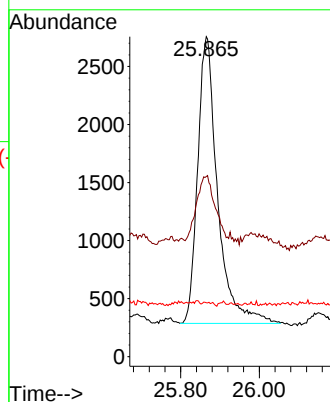
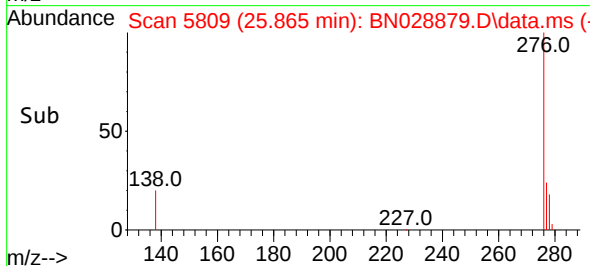


Tgt Ion:276 Resp: 8658
Ion Ratio Lower Upper
276 100
138 21.2 23.8 35.6#
227 0.7 0.1 0.1#

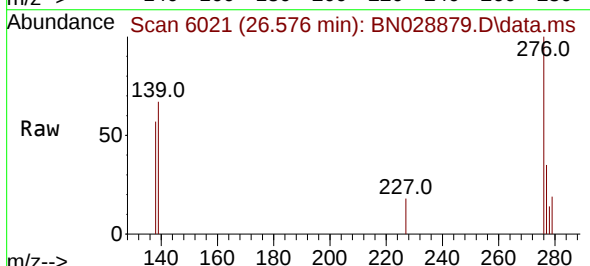
Manual Integrations

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



#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.576 min Scan# 6021
Delta R.T. -0.003 min
Lab File: BN028879.D
Acq: 27 Nov 2023 14:52



Tgt Ion:276 Resp: 8724
Ion Ratio Lower Upper
276 100
138 57.3 20.5 30.7#
277 34.8 19.4 29.0#

