

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028875.D
 Acq On : 27 Nov 2023 12:28
 Operator : MA/JU
 Sample : 05261-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKR6

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 03:54:42 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	7.744	152	3374	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.424	136	25740m	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.289	164	12189	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.048	188	20432	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.270	240	14662	0.400	ng/ul	# 0.00
23) Perylene-d12	23.547	264	16362	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	13867	3.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	4554m	0.118	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	6871	0.146	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.468	128	122344	1.696	ng/ul#	91
7) 2-Methylnaphthalene	12.107	142	13048	0.275	ng/ul#	78
8) 1-Methylnaphthalene	12.321	142	6222	0.129	ng/ul	100
15) Phenanthrene	17.090	178	15729	0.251	ng/ul#	83
19) Fluoranthene	19.118	202	23912	0.383	ng/ul#	90
20) Pyrene	19.480	202	25640	0.397	ng/ul#	87
21) Benzo(a)anthracene	21.255	228	6201	0.107	ng/ul#	35
22) Chrysene	21.282	228	23481m	0.414	ng/ul	
24) Benzo(b)fluoranthene	22.863	252	13702m	0.223	ng/ul	
25) Benzo(k)fluoranthene	22.903	252	5974m	0.093	ng/ul	
26) Benzo(a)pyrene	23.444	252	7090	0.122	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.878	276	6340	0.099	ng/ul#	45
29) Benzo(g,h,i)perylene	26.589	276	8328	0.158	ng/ul#	53

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

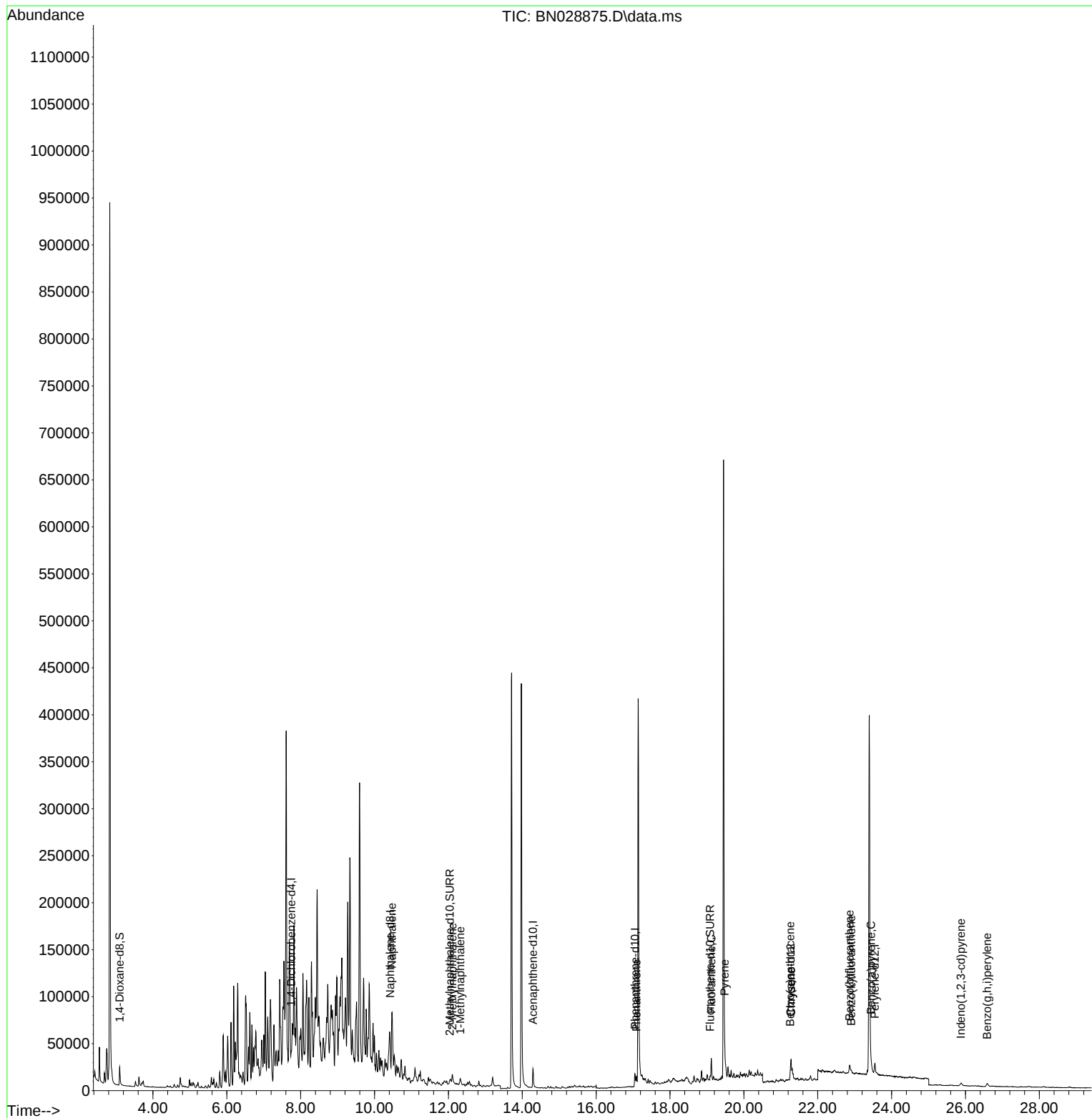
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028875.D
Acq On : 27 Nov 2023 12:28
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ALS Vial : 5 Sample Multiplier: 1

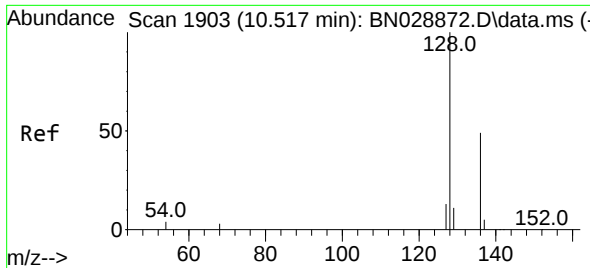
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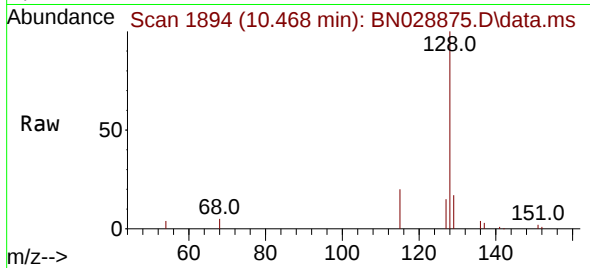
Quant Time: Nov 28 03:54:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
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#5
Naphthalene
Concen: 1.696 ng/ul
RT: 10.468 min Scan# 1894
Delta R.T. -0.039 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

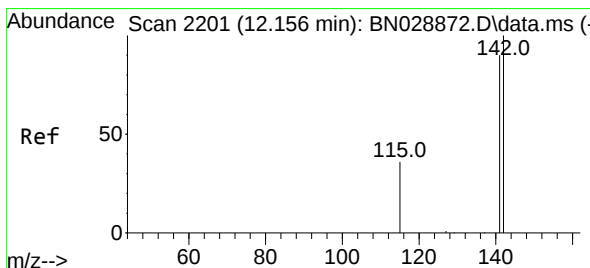
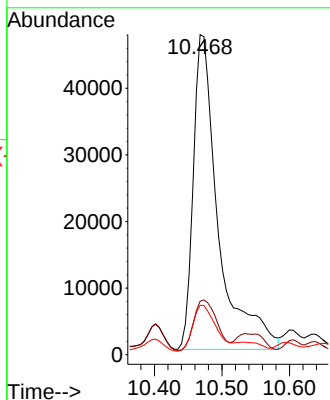
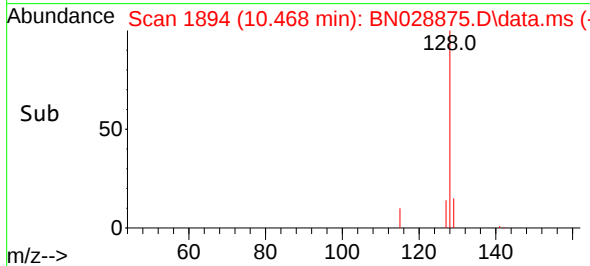
Instrument :
BNA_N
ClientSampleId :
DCKR6



Tgt Ion:128 Resp: 122344
Ion Ratio Lower Upper
128 100
129 16.7 9.2 13.8
127 15.5 10.7 16.1

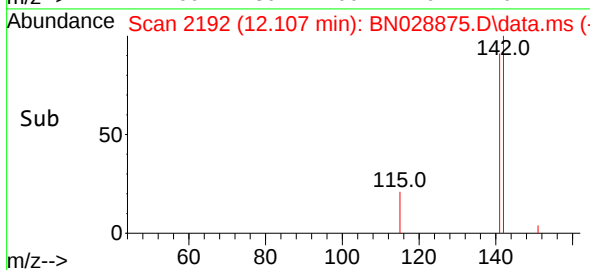
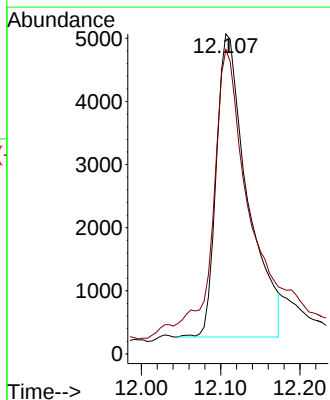
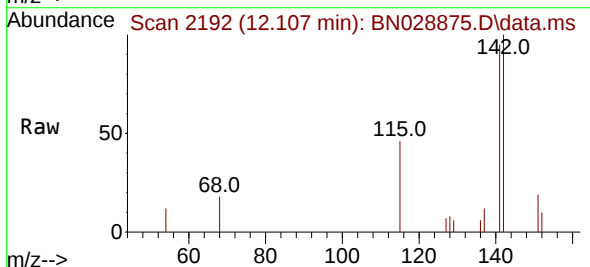
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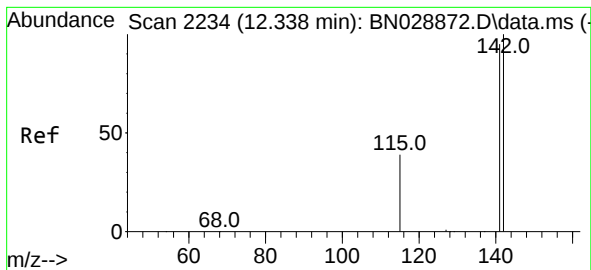
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Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.107 min Scan# 2192
Delta R.T. -0.033 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

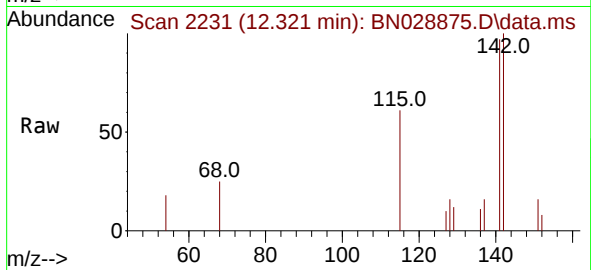
Tgt Ion:142 Resp: 13048
Ion Ratio Lower Upper
142 100
141 108.7 70.8 106.2#





#8
1-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.321 min Scan# 211
Delta R.T. -0.017 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

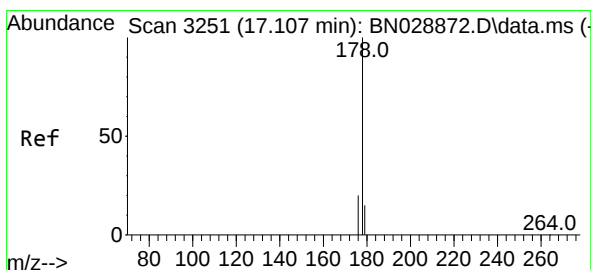
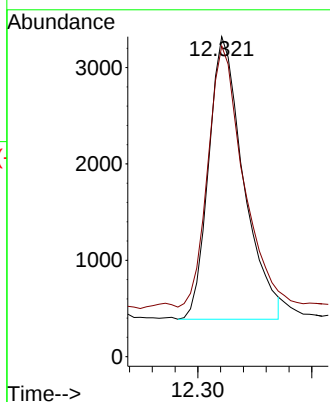
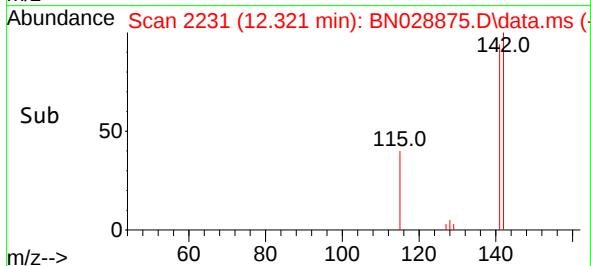
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 622
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1

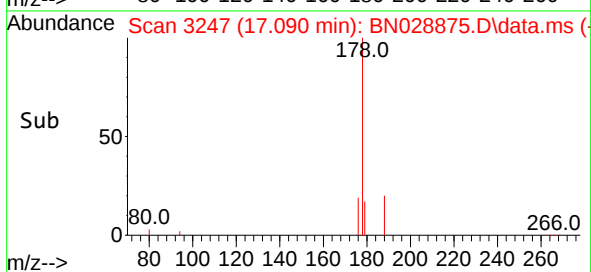
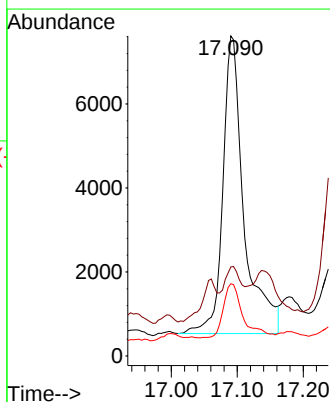
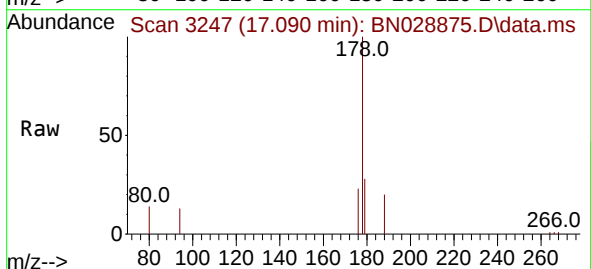
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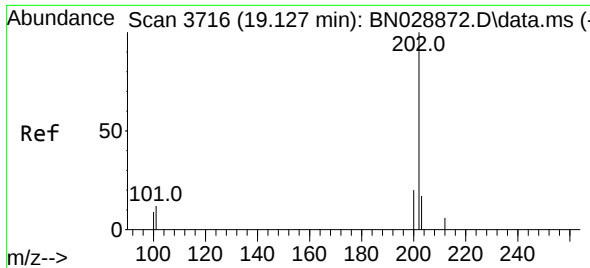
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.251 ng/ul
RT: 17.090 min Scan# 3247
Delta R.T. -0.013 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

Tgt Ion:178 Resp: 15729
Ion Ratio Lower Upper
178 100
179 27.8 12.4 18.6#
176 22.5 15.4 23.2





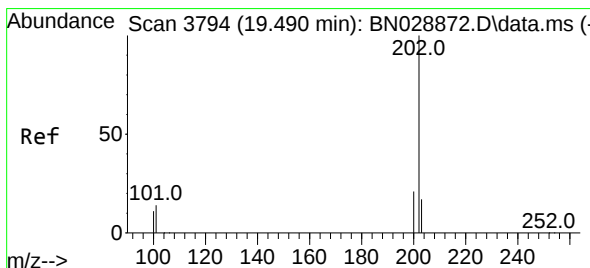
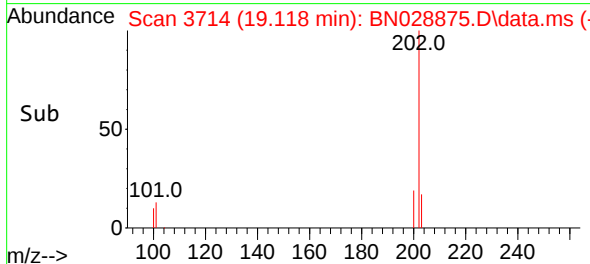
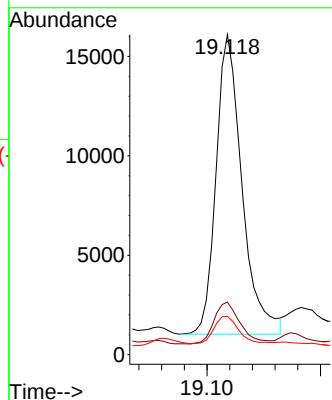
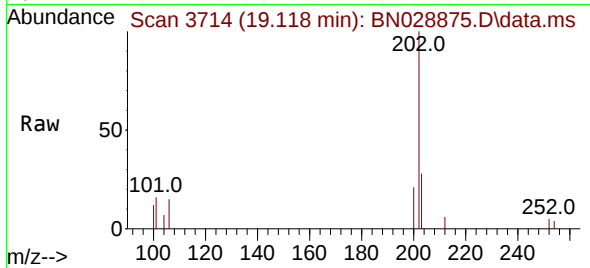
#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.118 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

Instrument :
BNA_N
ClientSampleId :
DCKR6

Tgt Ion:202 Resp: 23912
Ion Ratio Lower Upper
202 100
101 16.5 9.5 14.3#
100 11.9 7.2 10.8#

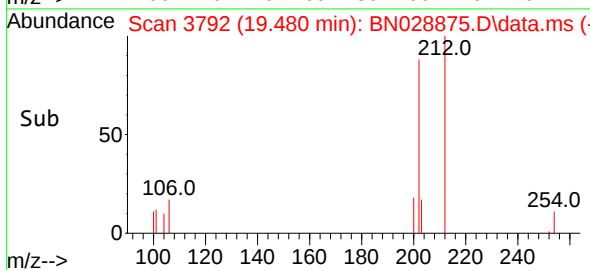
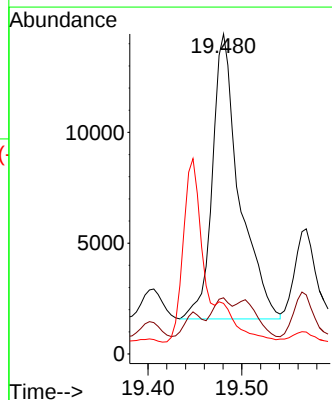
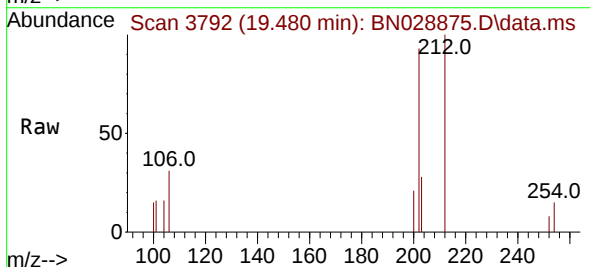
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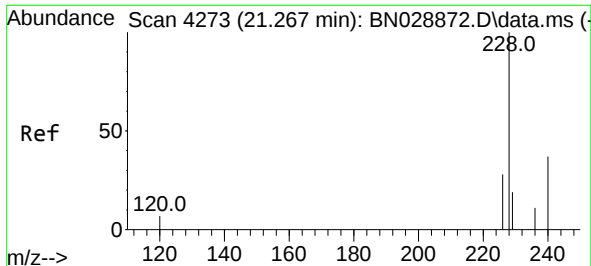
Reviewed By :Yogesh Patel 11/28/2023
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#20
Pyrene
Concen: 0.397 ng/u1
RT: 19.480 min Scan# 3792
Delta R.T. -0.005 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

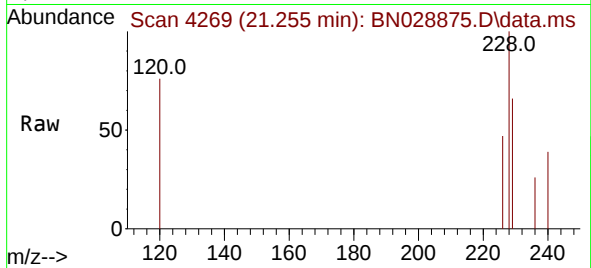
Tgt Ion:202 Resp: 25640
Ion Ratio Lower Upper
202 100
101 17.6 10.3 15.5#
100 15.8 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.107 ng/ul
RT: 21.255 min Scan# 4269
Delta R.T. -0.000 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

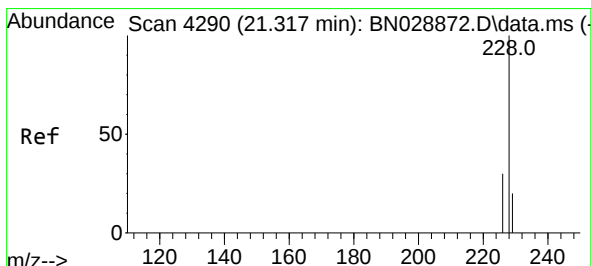
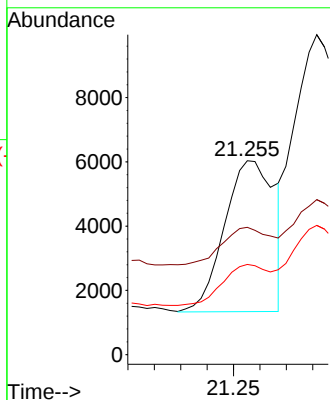
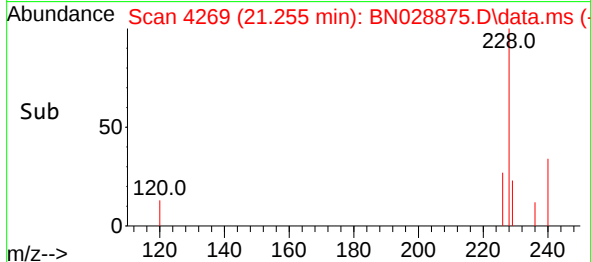
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ClientSampleId :
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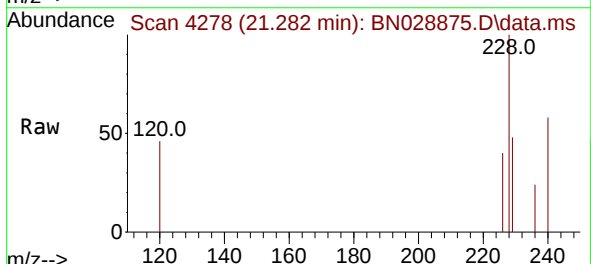
Tgt Ion:228 Resp: 6200
Ion Ratio Lower Upper
228 100
229 65.7 15.7 23.5#
226 46.5 21.4 32.0#

Manual Integrations
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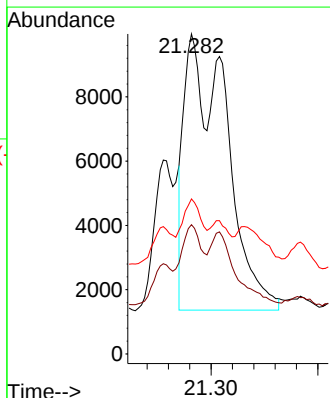
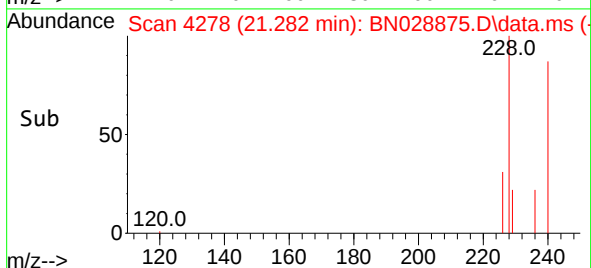
Reviewed By :Yogesh Patel 11/28/2023
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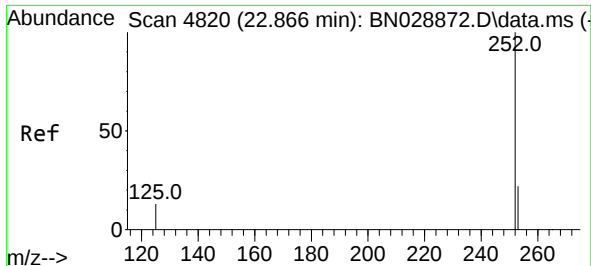


#22
Chrysene
Concen: 0.414 ng/ul m
RT: 21.282 min Scan# 4278
Delta R.T. -0.023 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28



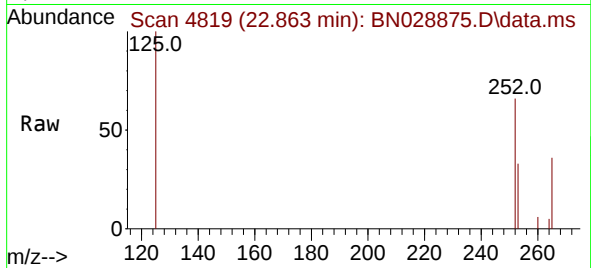
Tgt Ion:228 Resp: 23481
Ion Ratio Lower Upper
228 100
226 40.4 23.8 35.8#
229 48.5 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.223 ng/ul m
RT: 22.863 min Scan# 4819
Delta R.T. 0.009 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

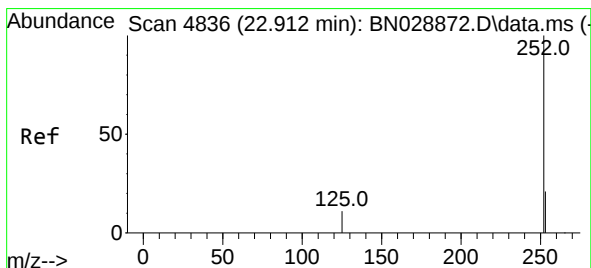
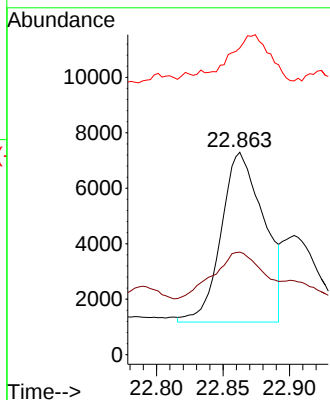
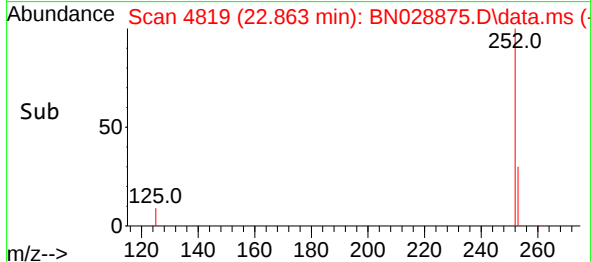
Instrument :
BNA_N
ClientSampleId :
DCKR6



Tgt Ion:252 Resp: 13702
Ion Ratio Lower Upper
252 100
253 50.7 0.0 46.6
125 151.6 0.0 27.6

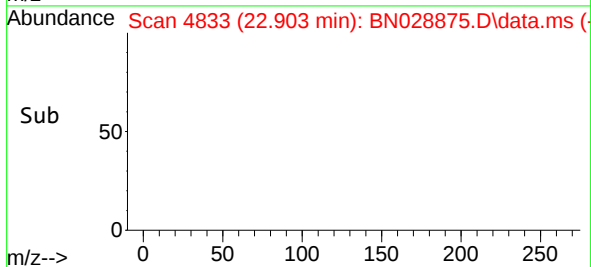
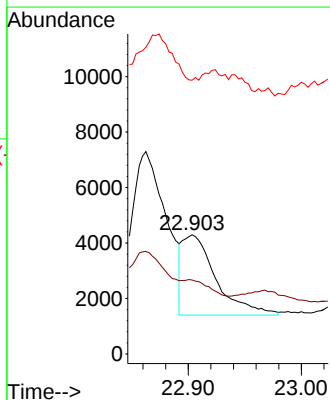
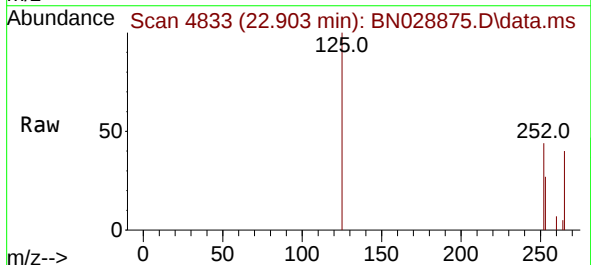
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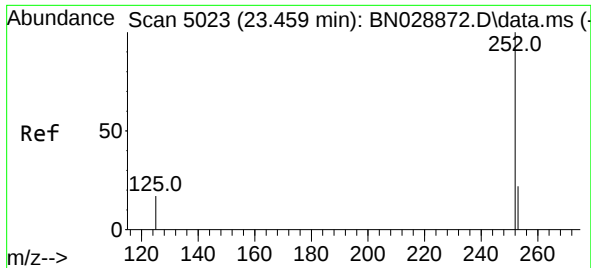
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Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 22.903 min Scan# 4833
Delta R.T. -0.000 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

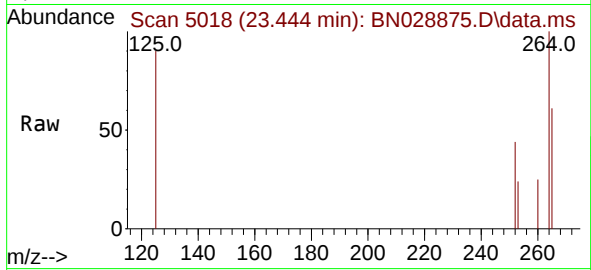
Tgt Ion:252 Resp: 5974
Ion Ratio Lower Upper
252 100
253 62.0 18.6 28.0#
125 229.7 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.122 ng/ul
RT: 23.444 min Scan# 5023
Delta R.T. -0.000 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

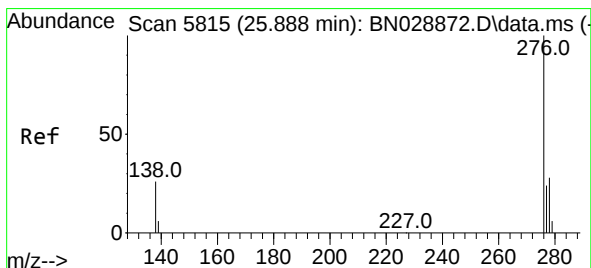
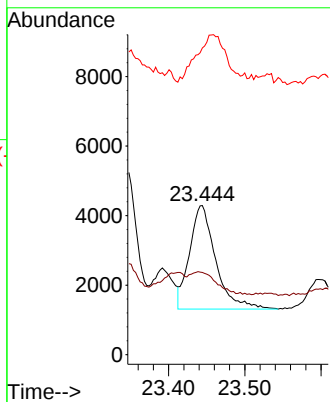
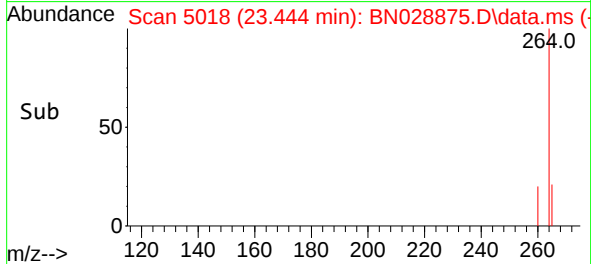
Instrument :
BNA_N
ClientSampleId :
DCKR6



Tgt Ion:252 Resp: 7090
Ion Ratio Lower Upper
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253 55.2 19.0 28.6
125 205.7 13.2 19.8

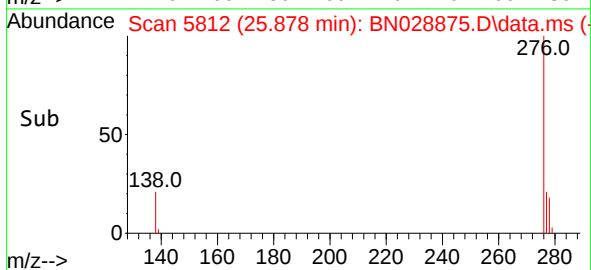
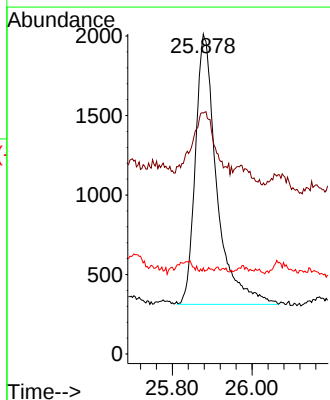
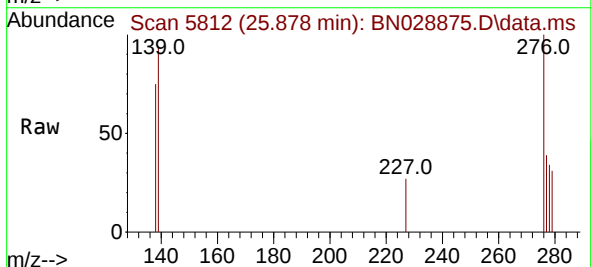
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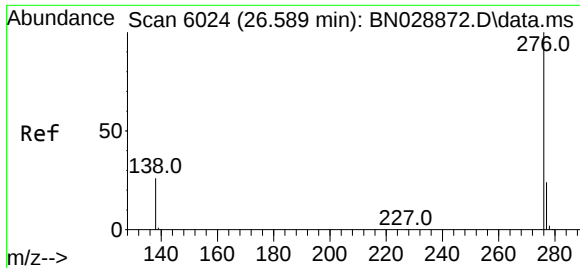
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul
RT: 25.878 min Scan# 5812
Delta R.T. 0.003 min
Lab File: BN028875.D
Acq: 27 Nov 2023 12:28

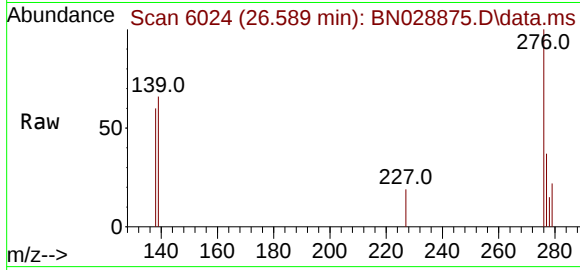
Tgt Ion:276 Resp: 6340
Ion Ratio Lower Upper
276 100
138 0.0 23.8 35.6#
227 0.1 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.158 ng/ul
 RT: 26.589 min Scan# 6024
 Delta R.T. 0.010 min
 Lab File: BN028875.D
 Acq: 27 Nov 2023 12:28

Instrument :
 BNA_N
 ClientSampleId :
 DCKR6



Tgt Ion: 276 Resp: 832

Ion	Ratio	Lower	Upper
276	100		
138	59.7	20.5	30.7
277	36.9	19.4	29.0

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