

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027875.D
 Acq On : 26 Sep 2023 23:21
 Operator : MA/JU
 Sample : 04410-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJM0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 03:02:27 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	7.962	152	3366	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	11816	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7924	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	18587	0.400	ng/ul	0.02
17) Chrysene-d12	21.539	240	18425	0.400	ng/ul	0.02
23) Perylene-d12	24.012	264	22515	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	13525	3.190	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5366	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	18378	0.327	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	1980	0.449	ng/ul	99
15) Phenanthrene	17.400	178	3557	0.061	ng/ul#	90
16) Anthracene	17.489	178	1958	0.040	ng/ul#	79
19) Fluoranthene	19.413	202	8379	0.112	ng/ul	96
20) Pyrene	19.780	202	7774	0.101	ng/ul	96
21) Benzo(a)anthracene	21.521	228	5047	0.071	ng/ul#	91
22) Chrysene	21.577	228	5029	0.068	ng/ul#	89
24) Benzo(b)fluoranthene	23.246	252	6928m	0.069	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	2639m	0.027	ng/ul	
26) Benzo(a)pyrene	23.901	252	4701	0.058	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.606	276	3662	0.035	ng/ul#	98
29) Benzo(g,h,i)perylene	27.421	276	3737	0.043	ng/ul#	82

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

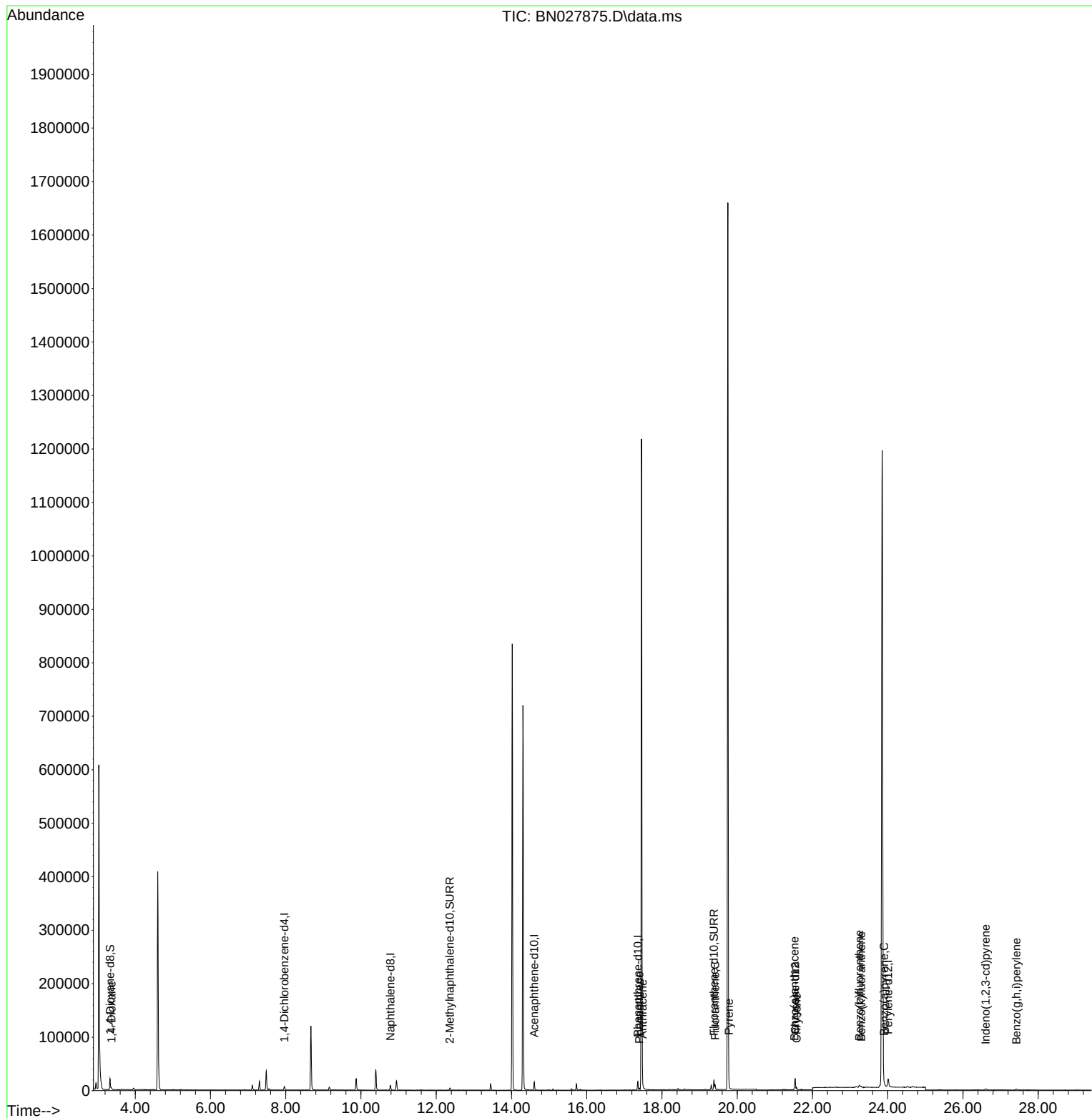
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027875.D
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ALS Vial : 24 Sample Multiplier: 1

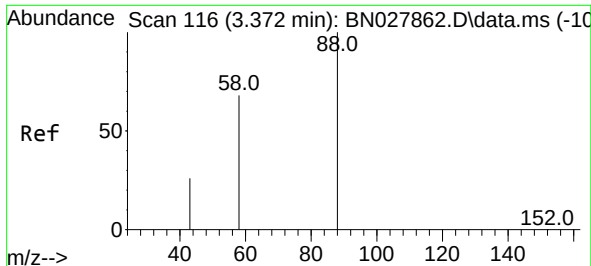
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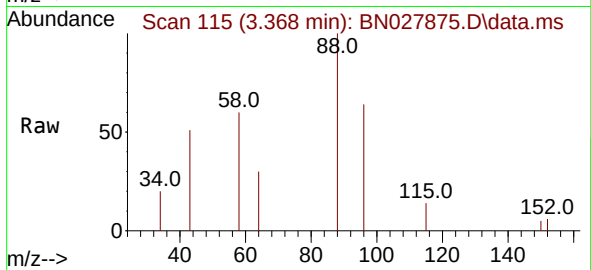
Quant Time: Sep 27 03:02:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#2
1,4-Dioxane
Concen: 0.449 ng/ul
RT: 3.368 min Scan# 116
Delta R.T. -0.005 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21

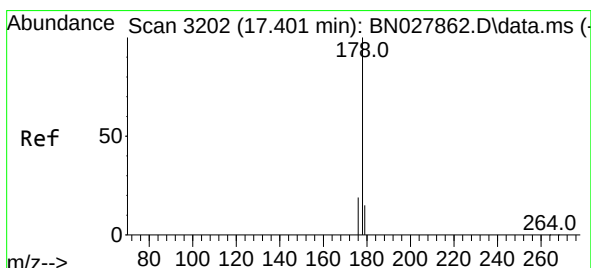
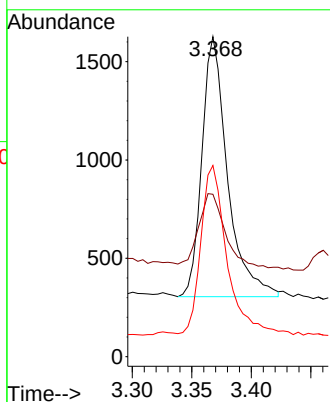
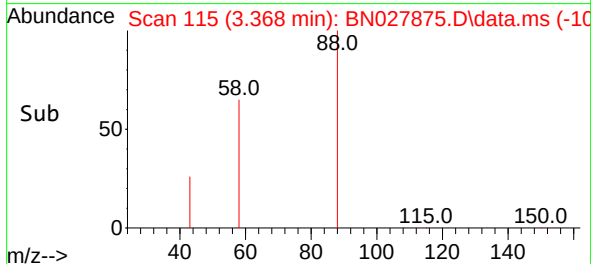
Instrument :
BNA_N
ClientSampleId :
BBJM0



Tgt Ion: 88 Resp: 1980
Ion Ratio Lower Upper
88 100
43 50.8 39.6 59.4
58 59.7 48.3 72.5

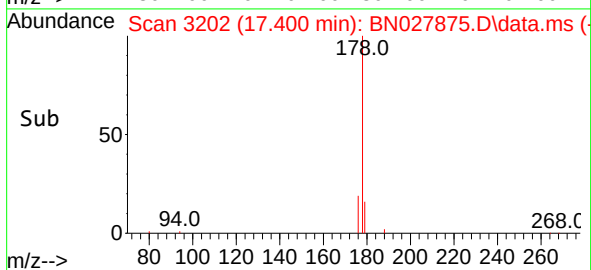
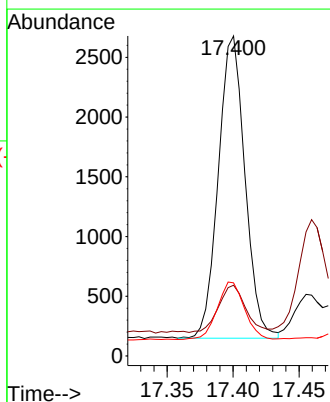
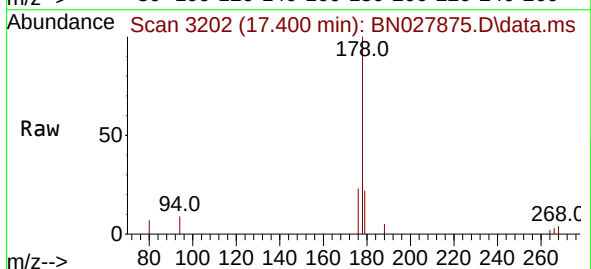
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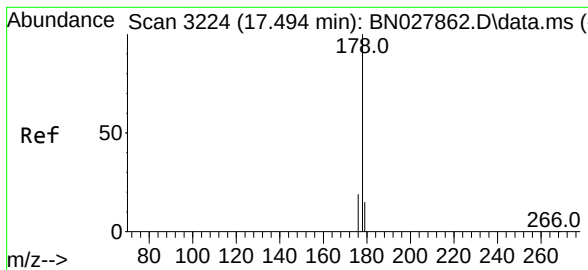
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#15
Phenanthrene
Concen: 0.061 ng/ul
RT: 17.400 min Scan# 3202
Delta R.T. 0.016 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21

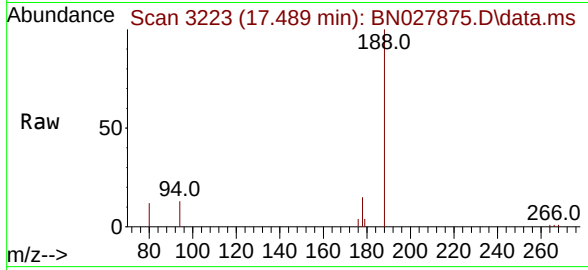
Tgt Ion:178 Resp: 3557
Ion Ratio Lower Upper
178 100
179 22.1 12.4 18.6#
176 22.8 16.0 24.0





#16
 Anthracene
 Concen: 0.040 ng/ul
 RT: 17.489 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BN027875.D
 Acq: 26 Sep 2023 23:21

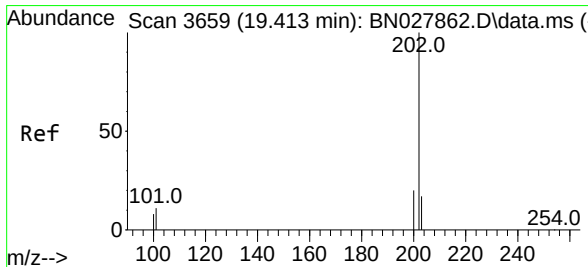
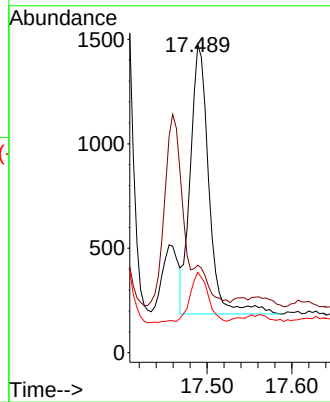
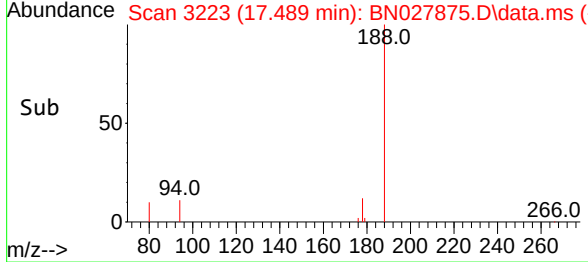
Instrument :
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Tgt Ion:	178	Resp:	1958
Ion Ratio	Lower	Upper	
178	100		
179	28.4	12.6	19.0
176	26.1	15.5	23.3

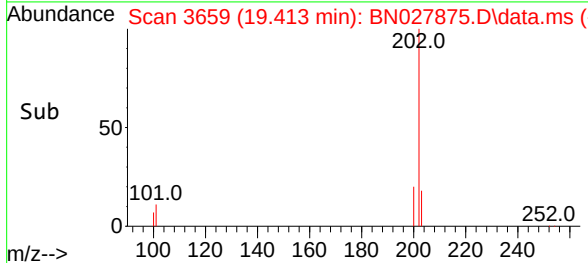
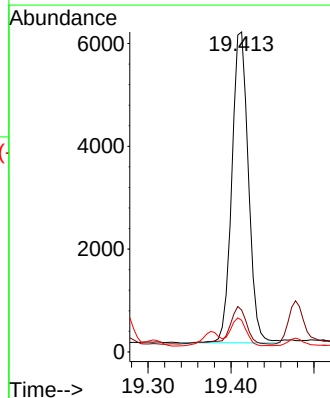
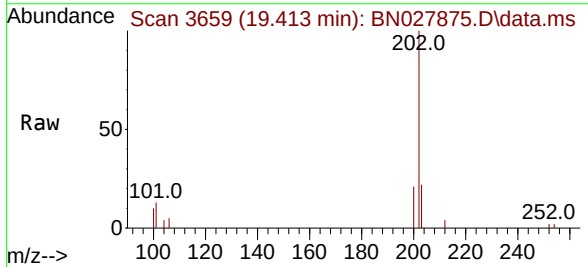
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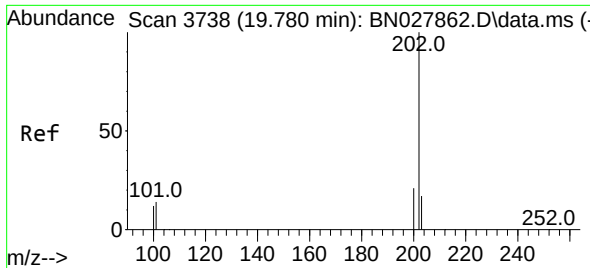
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023



#19
 Fluoranthene
 Concen: 0.112 ng/ul
 RT: 19.413 min Scan# 3659
 Delta R.T. 0.017 min
 Lab File: BN027875.D
 Acq: 26 Sep 2023 23:21

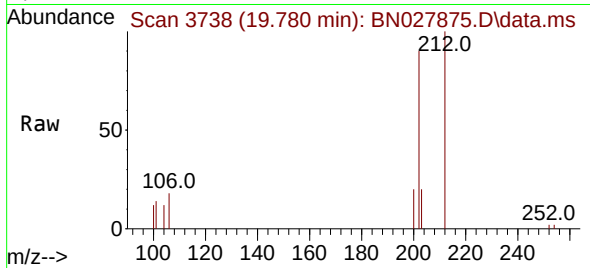
Tgt Ion:	202	Resp:	8379
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.3	13.9
100	9.9	7.0	10.4





#20
Pyrene
Concen: 0.101 ng/u1
RT: 19.780 min Scan# 31
Delta R.T. 0.017 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21

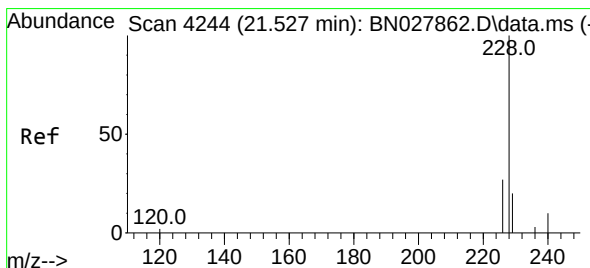
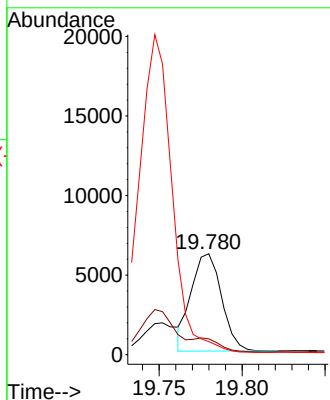
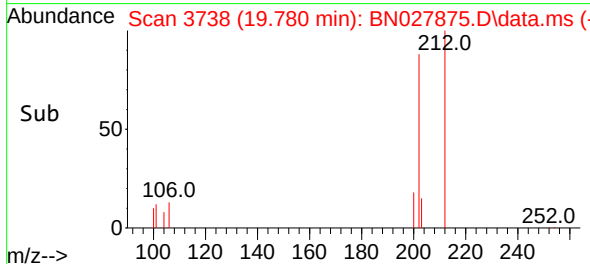
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 7774
Ion Ratio Lower Upper
202 100
101 15.7 11.4 17.0
100 13.0 9.1 13.7

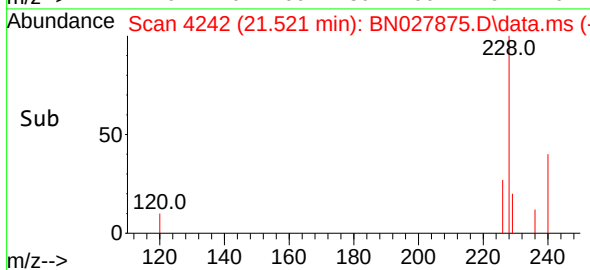
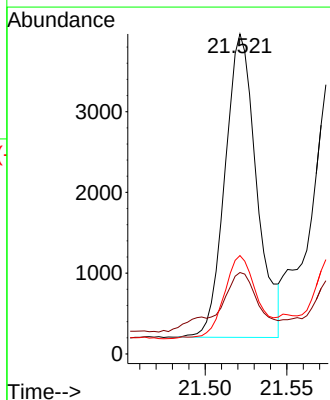
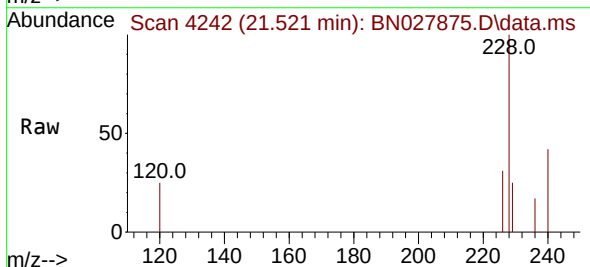
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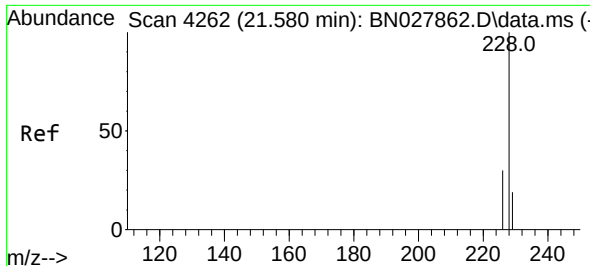
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#21
Benzo(a)anthracene
Concen: 0.071 ng/u1
RT: 21.521 min Scan# 4242
Delta R.T. 0.018 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21

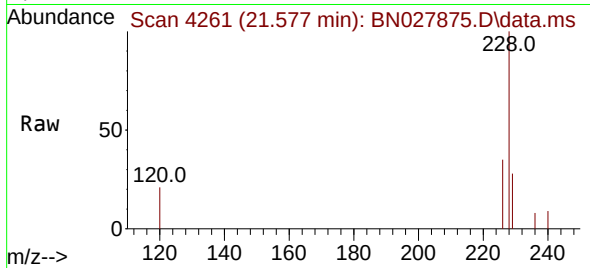
Tgt Ion:228 Resp: 5047
Ion Ratio Lower Upper
228 100
229 25.5 15.8 23.8#
226 30.7 22.0 33.0





#22
Chrysene
Concen: 0.068 ng/u1
RT: 21.577 min Scan# 4261
Delta R.T. 0.018 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21

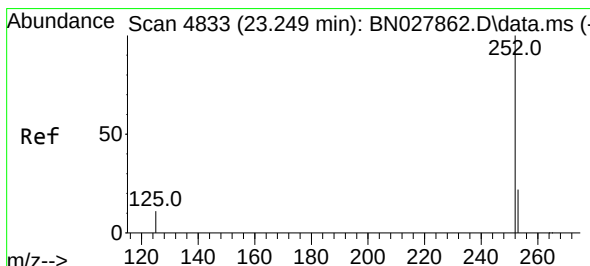
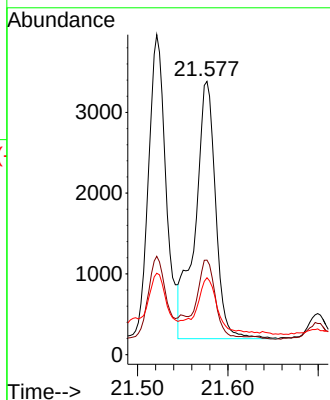
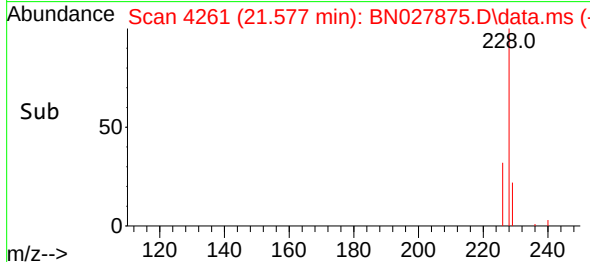
Instrument :
BNA_N
ClientSampleId :
BBJM0



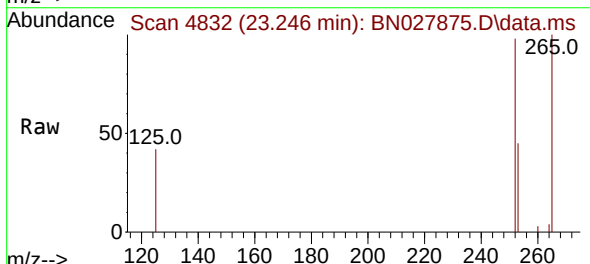
Tgt Ion:228 Resp: 5029
Ion Ratio Lower Upper
228 100
226 34.6 24.5 36.7
229 28.1 16.0 24.0

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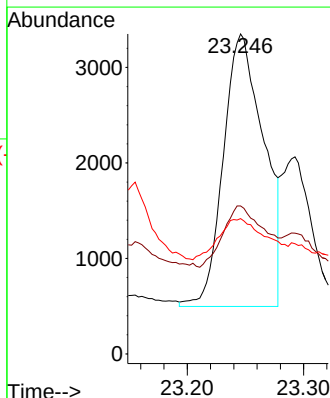
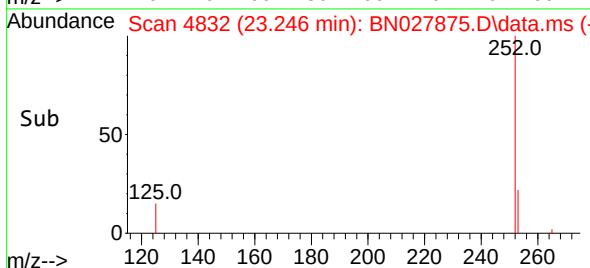
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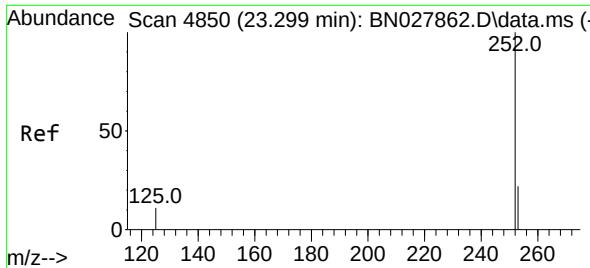


#24
Benzo(b)fluoranthene
Concen: 0.069 ng/u1 m
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21



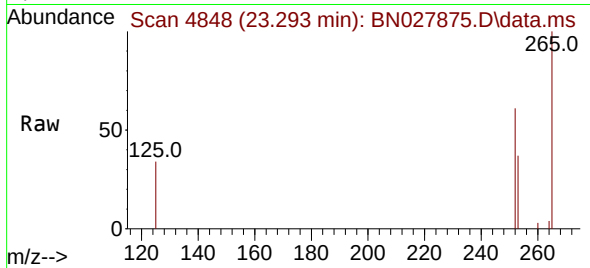
Tgt Ion:252 Resp: 6928
Ion Ratio Lower Upper
252 100
253 46.2 0.0 50.2
125 42.3 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.000 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21

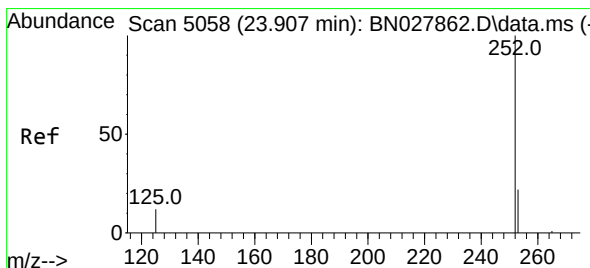
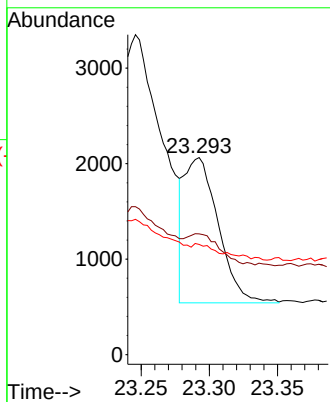
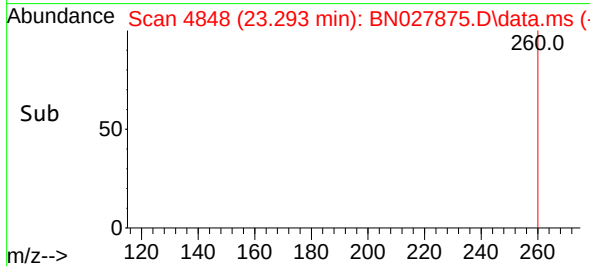
Instrument :
BNA_N
ClientSampleId :
BBJM0



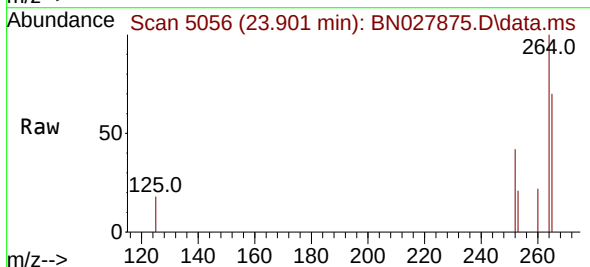
Tgt Ion:252 Resp: 2639
Ion Ratio Lower Upper
252 100
253 61.3 19.9 29.9#
125 55.9 12.6 19.0#

Manual Integrations
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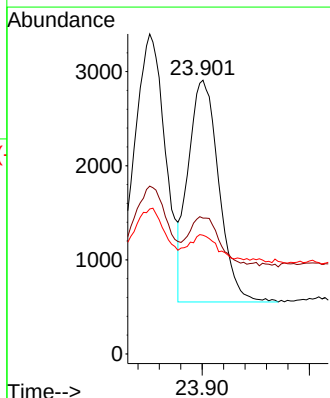
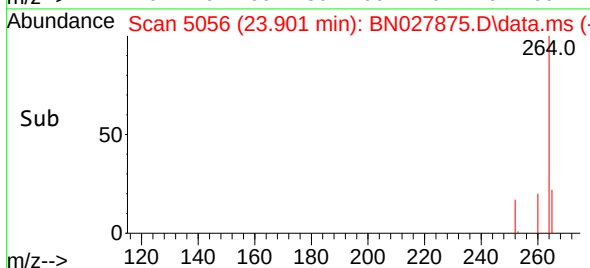
Reviewed By :Yogesh Patel 09/27/2023
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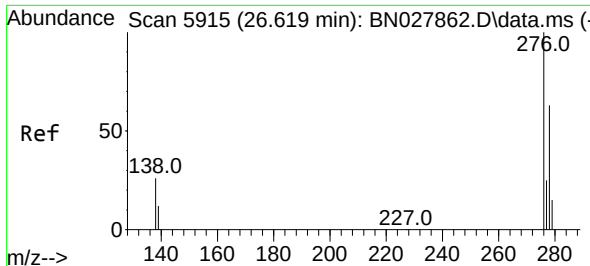


#26
Benzo(a)pyrene
Concen: 0.058 ng/ul
RT: 23.901 min Scan# 5056
Delta R.T. 0.000 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21



Tgt Ion:252 Resp: 4701
Ion Ratio Lower Upper
252 100
253 49.6 21.9 32.9#
125 43.3 15.5 23.3#





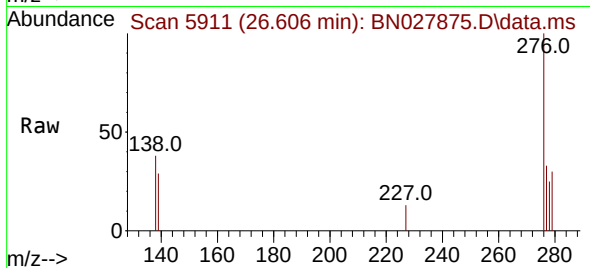
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. -0.027 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21

Instrument :

BNA_N

ClientSampleId :

BBJM0

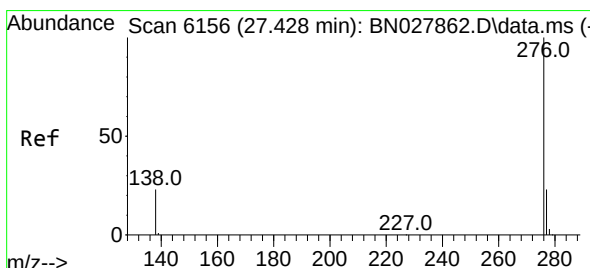
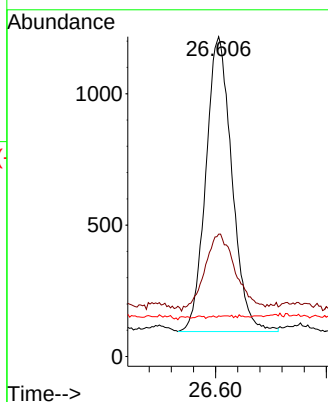
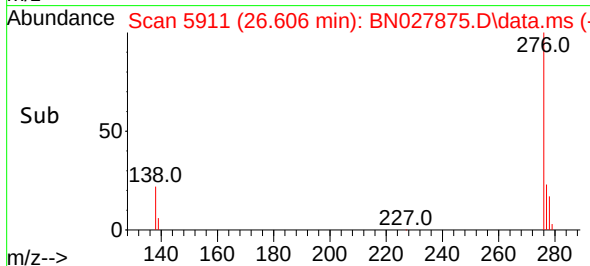


Tgt Ion:276 Resp: 3662
Ion Ratio Lower Upper
276 100
138 31.3 24.3 36.5
227 0.2 0.0 0.0

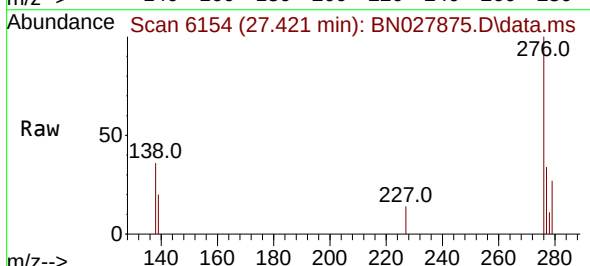
Manual Integrations

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Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 27.421 min Scan# 6154
Delta R.T. -0.034 min
Lab File: BN027875.D
Acq: 26 Sep 2023 23:21



Tgt Ion:276 Resp: 3737
Ion Ratio Lower Upper
276 100
138 36.4 21.7 32.5#
277 34.2 20.2 30.2#

