

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032977.D
 Acq On : 25 Jul 2024 18:21
 Operator : MA/JU
 Sample : P3263-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CH2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 26 01:18:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.508	152	2773	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.273	136	9970	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.162	164	6412	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.924	188	13845m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.154	240	13529m	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	15058m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	10249	2.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	3299	0.203	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212	8815	0.230	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	16.962	178	3836m	0.103	ng/ul	
19) Fluoranthene	19.000	202	7438	0.167	ng/ul#	55
20) Pyrene	19.363	202	7354m	0.154	ng/ul	
21) Benzo(a)anthracene	21.140	228	4128	0.089	ng/ul#	89
22) Chrysene	21.192	228	4279	0.079	ng/ul#	91
24) Benzo(b)fluoranthene	22.680	252	7432m	0.169	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	2283m	0.043	ng/ul	
26) Benzo(a)pyrene	23.232	252	4521	0.109	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.554	276	3988	0.063	ng/ul#	71
29) Benzo(g,h,i)perylene	26.235	276	4249	0.085	ng/ul#	65

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

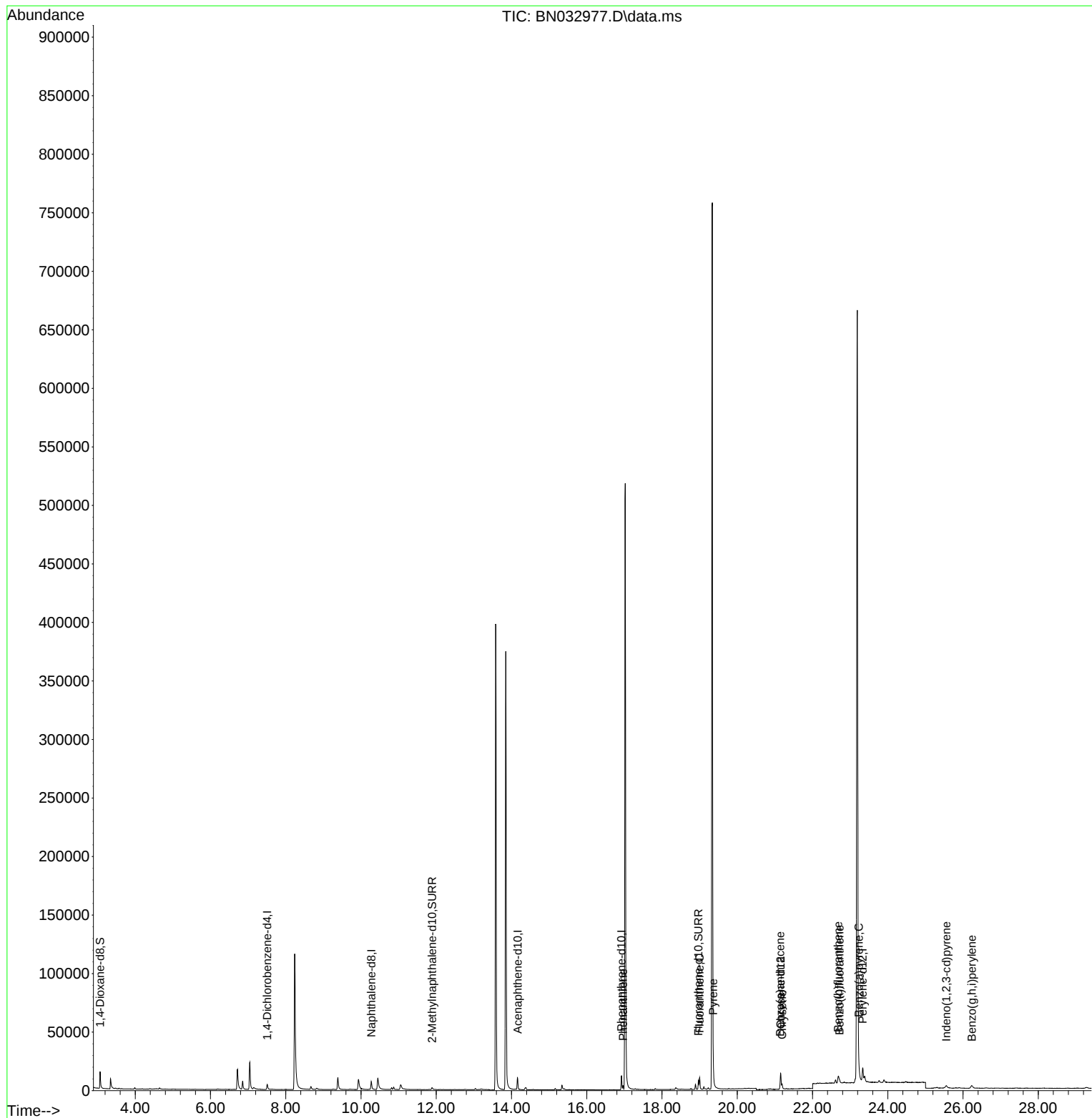
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
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ALS Vial : 12 Sample Multiplier: 1

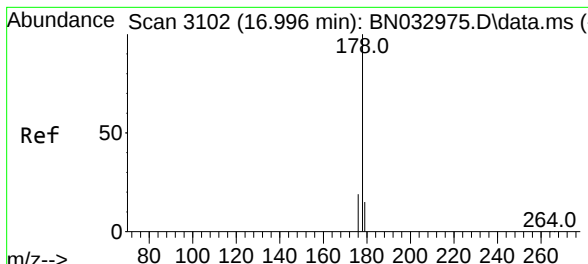
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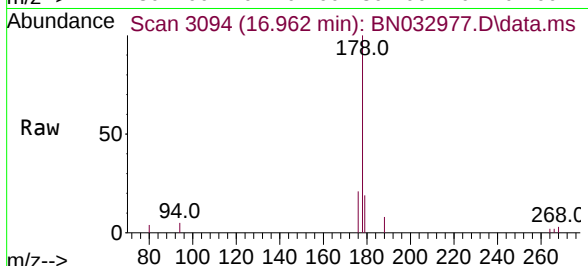
Quant Time: Jul 26 01:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration





#15
 Phenanthrene
 Concen: 0.103 ng/ul m
 RT: 16.962 min Scan# 3094
 Delta R.T. -0.025 min
 Lab File: BN032977.D
 Acq: 25 Jul 2024 18:21

Instrument :
 BNA_N
 ClientSampleId :
 A4CH2

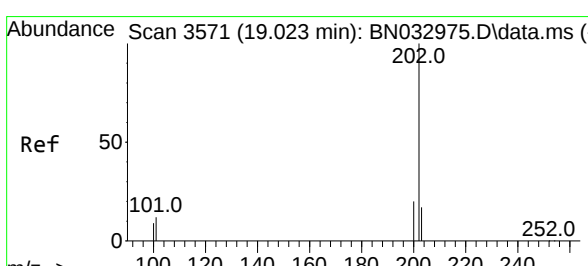
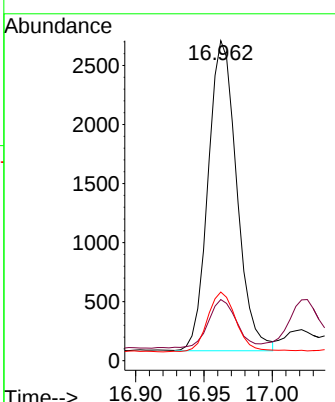
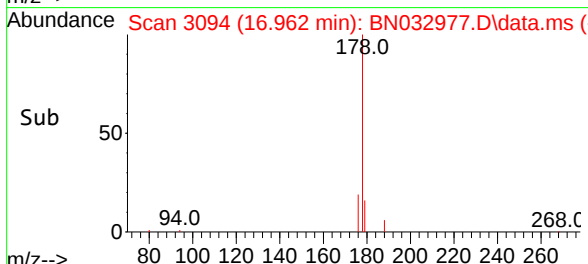


Tgt Ion:178 Resp: 3830

Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.7	20.5
176	21.4	15.9	23.9

Manual Integrations
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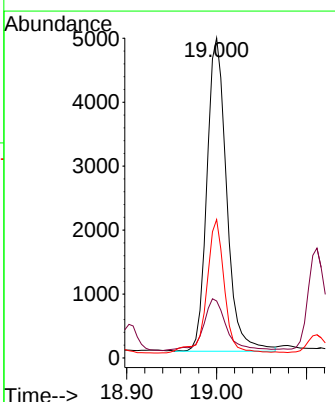
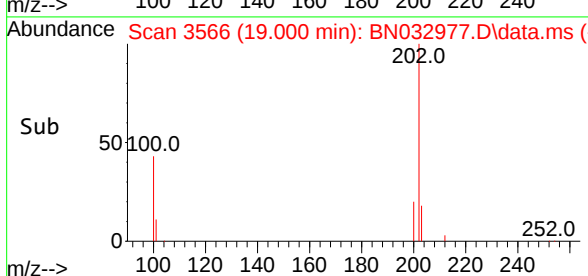
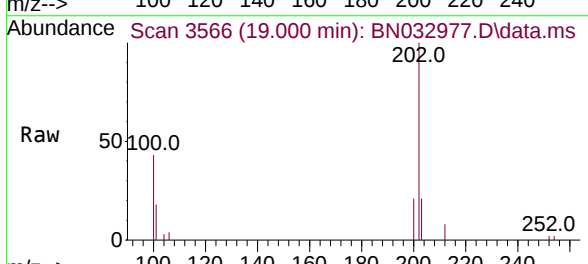
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/30/2024

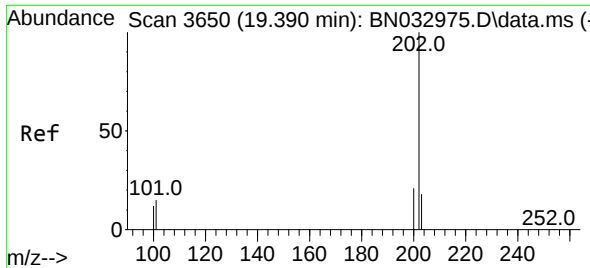


#19
 Fluoranthene
 Concen: 0.167 ng/ul
 RT: 19.000 min Scan# 3566
 Delta R.T. -0.014 min
 Lab File: BN032977.D
 Acq: 25 Jul 2024 18:21

Tgt Ion:202 Resp: 7438

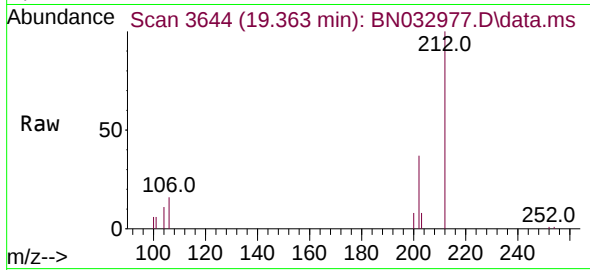
Ion	Ratio	Lower	Upper
202	100		
101	17.8	10.7	16.1#
100	43.3	8.3	12.5#





#20
Pyrene
Concen: 0.154 ng/ul m
RT: 19.363 min Scan# 3644
Delta R.T. -0.018 min
Lab File: BN032977.D
Acq: 25 Jul 2024 18:21

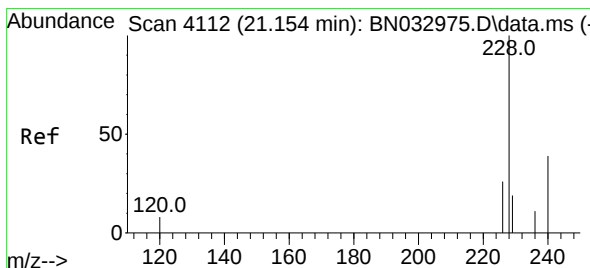
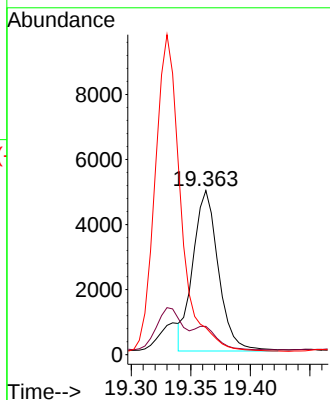
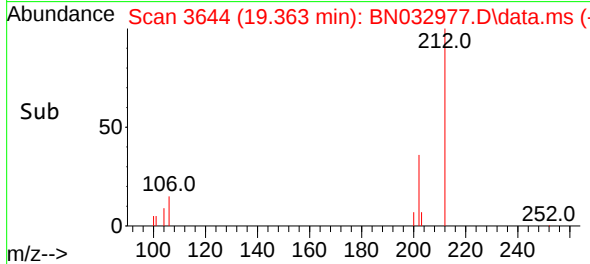
Instrument :
BNA_N
ClientSampleId :
A4CH2



Tgt Ion:202 Resp: 7354
Ion Ratio Lower Upper
202 100
101 17.2 12.6 18.8
100 16.5 9.9 14.9

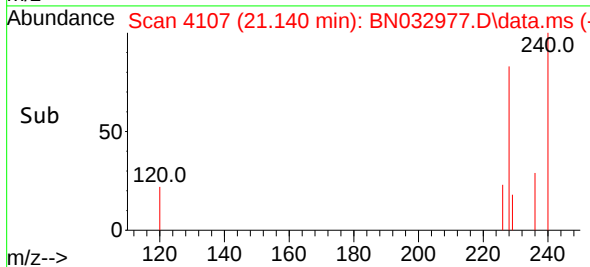
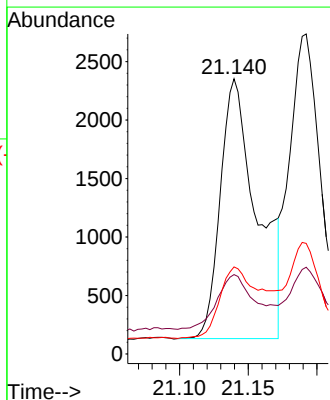
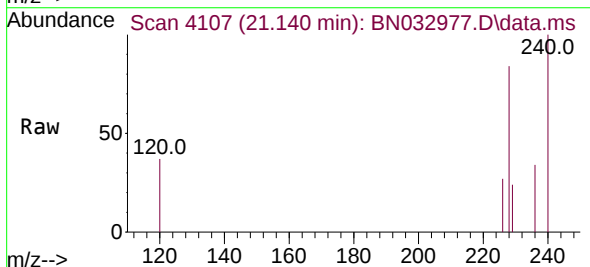
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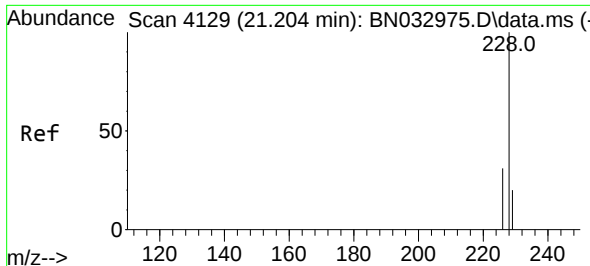
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



#21
Benzo(a)anthracene
Concen: 0.089 ng/ul
RT: 21.140 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN032977.D
Acq: 25 Jul 2024 18:21

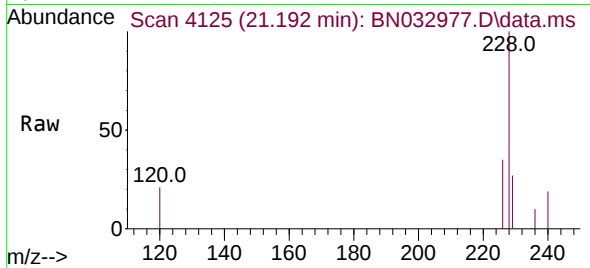
Tgt Ion:228 Resp: 4128
Ion Ratio Lower Upper
228 100
229 28.9 17.1 25.7#
226 31.6 22.4 33.6





#22
Chrysene
Concen: 0.079 ng/ul
RT: 21.192 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN032977.D
Acq: 25 Jul 2024 18:21

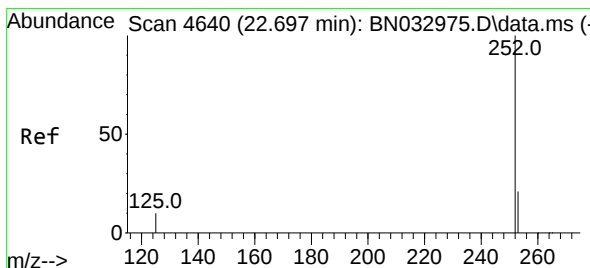
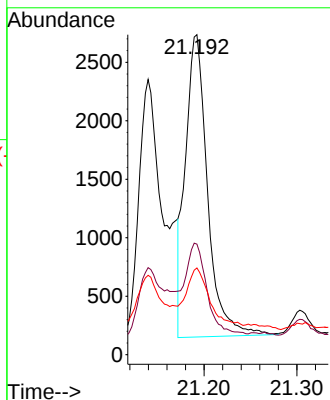
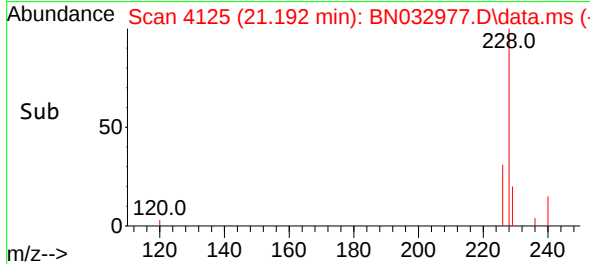
Instrument :
BNA_N
ClientSampleId :
A4CH2



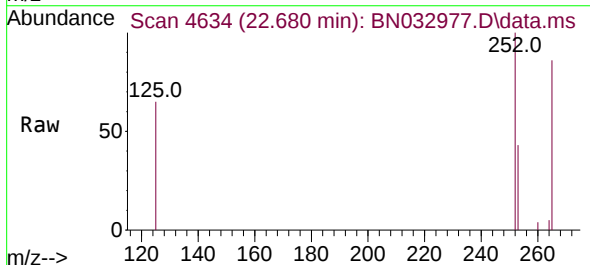
Tgt Ion:228 Resp: 4279
Ion Ratio Lower Upper
228 100
226 34.5 24.7 37.1
229 27.1 17.0 25.6

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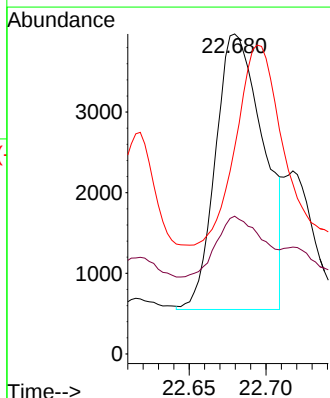
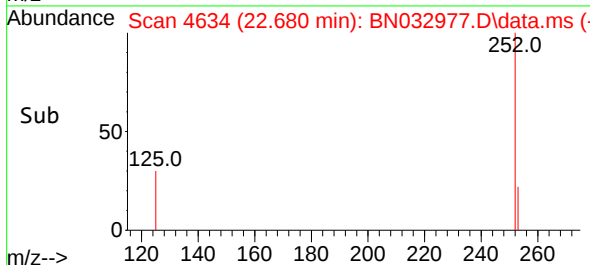
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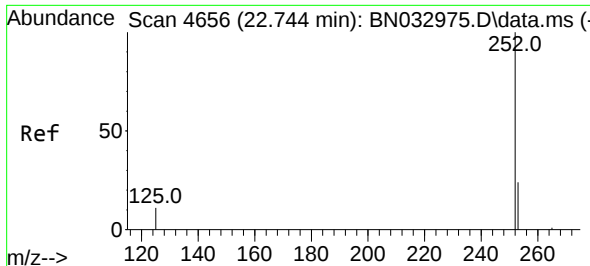


#24
Benzo(b)fluoranthene
Concen: 0.169 ng/ul m
RT: 22.680 min Scan# 4634
Delta R.T. -0.014 min
Lab File: BN032977.D
Acq: 25 Jul 2024 18:21



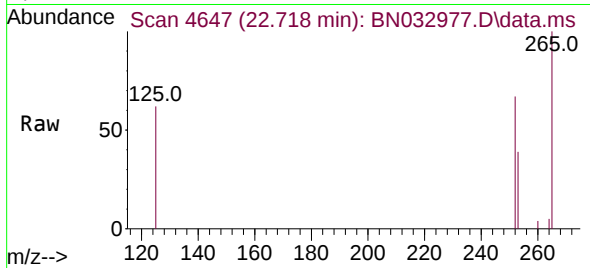
Tgt Ion:252 Resp: 7432
Ion Ratio Lower Upper
252 100
253 43.1 0.0 60.6
125 64.6 0.0 51.0





#25
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.718 min Scan# 4647
Delta R.T. -0.017 min
Lab File: BN032977.D
Acq: 25 Jul 2024 18:21

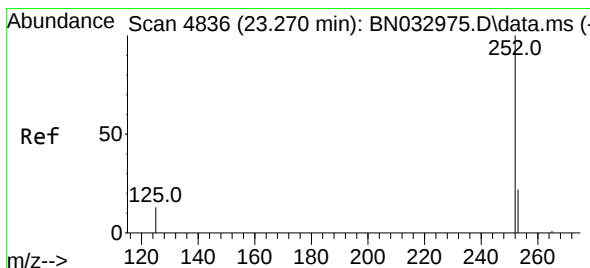
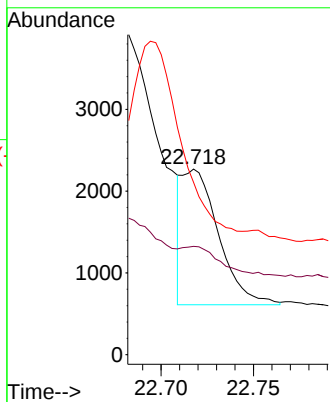
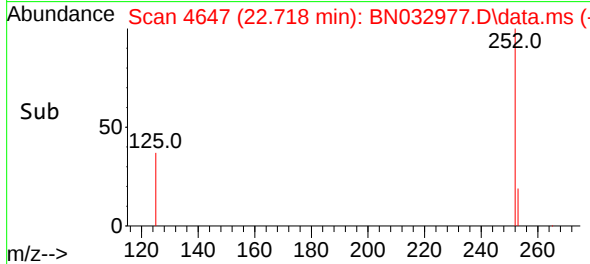
Instrument :
BNA_N
ClientSampleId :
A4CH2



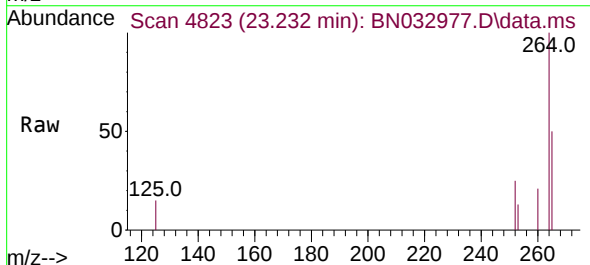
Tgt Ion:252 Resp: 2283
Ion Ratio Lower Upper
252 100
253 58.4 24.9 37.3#
125 92.9 20.9 31.3#

Manual Integrations
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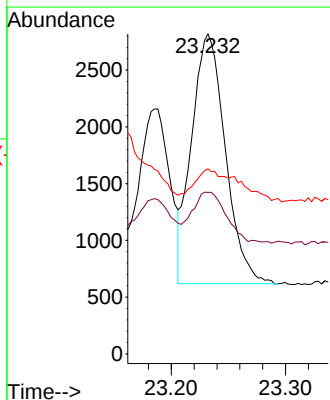
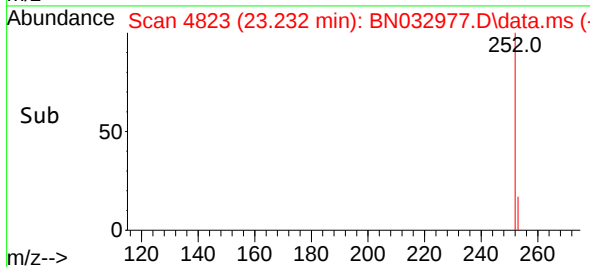
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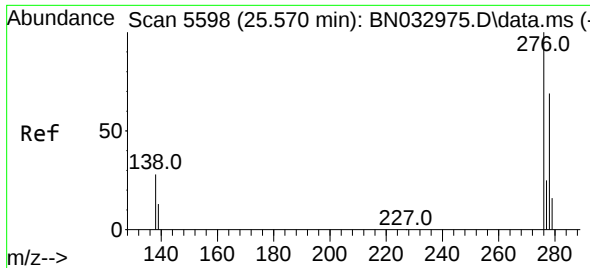


#26
Benzo(a)pyrene
Concen: 0.109 ng/ul
RT: 23.232 min Scan# 4823
Delta R.T. -0.029 min
Lab File: BN032977.D
Acq: 25 Jul 2024 18:21



Tgt Ion:252 Resp: 4521
Ion Ratio Lower Upper
252 100
253 50.5 27.5 41.3#
125 57.8 27.0 40.6#





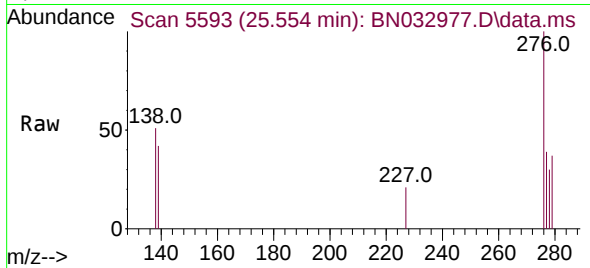
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/ul
RT: 25.554 min Scan# 51
Delta R.T. -0.006 min
Lab File: BN032977.D
Acq: 25 Jul 2024 18:21

Instrument :

BNA_N

ClientSampleId :

A4CH2

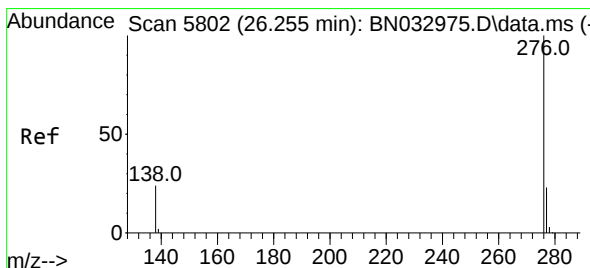
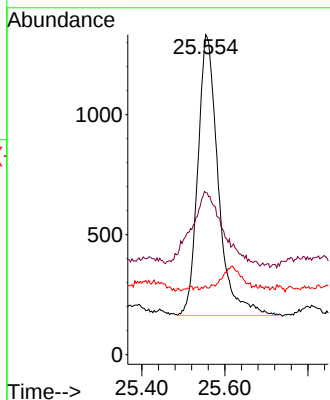
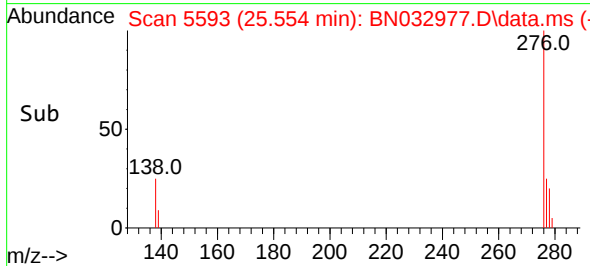


Tgt Ion:276 Resp: 398
Ion Ratio Lower Upper
276 100
138 42.4 21.8 32.8
227 0.2 0.2 0.2

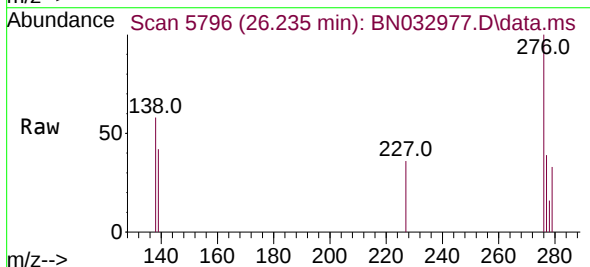
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Supervised By :mohammad ahmed 07/30/2024



#29
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul
RT: 26.235 min Scan# 5796
Delta R.T. -0.006 min
Lab File: BN032977.D
Acq: 25 Jul 2024 18:21



Tgt Ion:276 Resp: 4249
Ion Ratio Lower Upper
276 100
138 57.7 24.6 37.0#
277 39.2 22.6 34.0#

