

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032525.D
 Acq On : 06 Jul 2024 01:33
 Operator : MA/JU
 Sample : P2963-18DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 02:06:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6012	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	16640	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	8785	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	16393	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	15675	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	17529m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	5000	0.748	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	1049	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	2243	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.962	152	778	0.021	ng/ul#	64
15) Phenanthrene	17.041	178	2681	0.060	ng/ul#	90
16) Anthracene	17.134	178	916	0.023	ng/ul#	64
19) Fluoranthene	19.069	202	6168	0.103	ng/ul#	93
20) Pyrene	19.431	202	6507	0.104	ng/ul#	92
21) Benzo(a)anthracene	21.194	228	3841	0.068	ng/ul#	81
22) Chrysene	21.244	228	3462	0.056	ng/ul#	82
24) Benzo(b)fluoranthene	22.757	252	5826m	0.077	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	2341m	0.032	ng/ul	
26) Benzo(a)pyrene	23.319	252	3926	0.074	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	25.666	276	3133	0.038	ng/ul#	94
29) Benzo(g,h,i)perylene	26.351	276	2933	0.044	ng/ul#	57

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

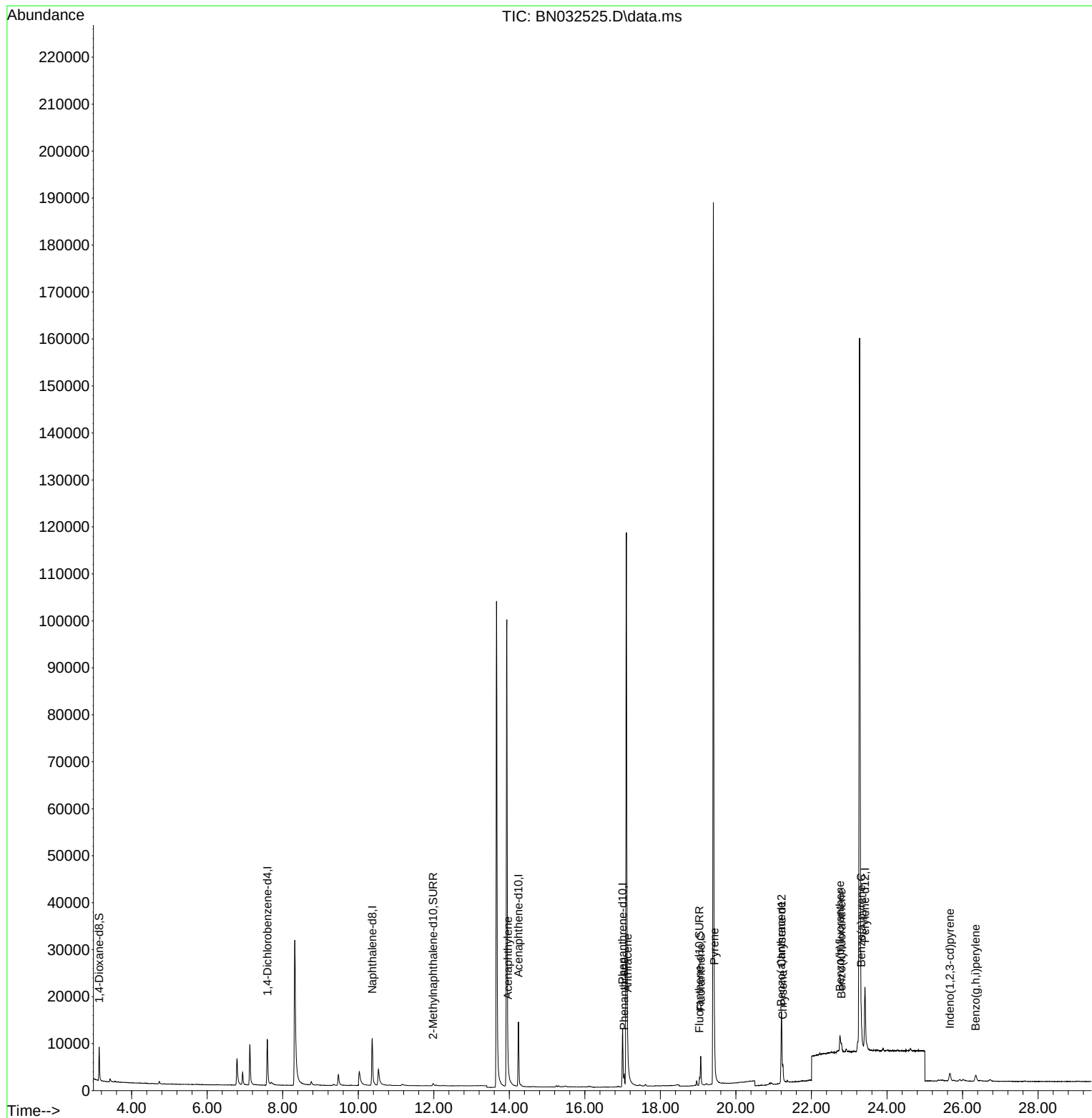
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032525.D
Acq On : 06 Jul 2024 01:33
Operator : MA/JU
Sample : P2963-18DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

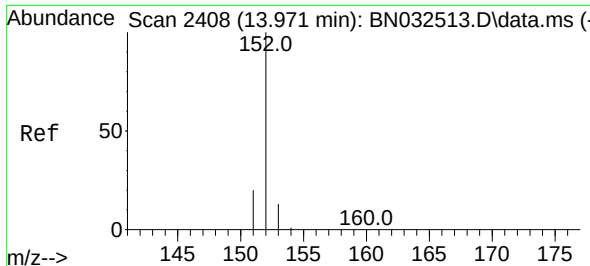
Instrument :
BNA_N
ClientSampleId :
A4CS9DL

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#10

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.962 min Scan# 2406

Delta R.T. -0.009 min

Lab File: BN032525.D

Acq: 06 Jul 2024 01:33

Instrument :

BNA_N

ClientSampleId :

A4CS9DL

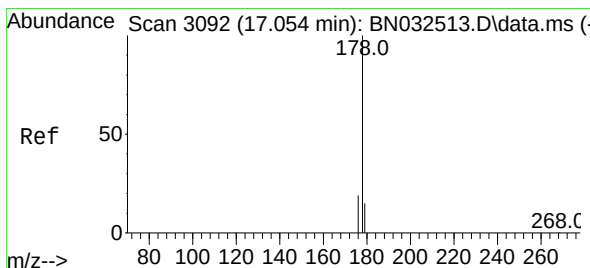
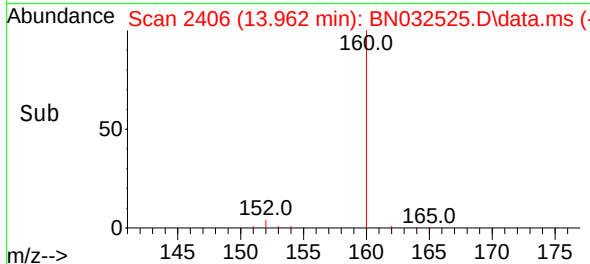
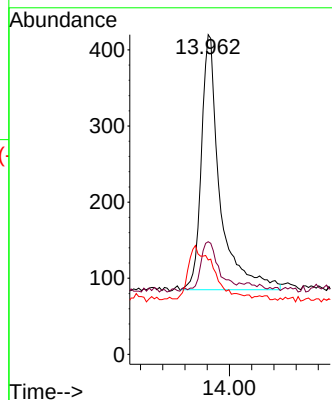
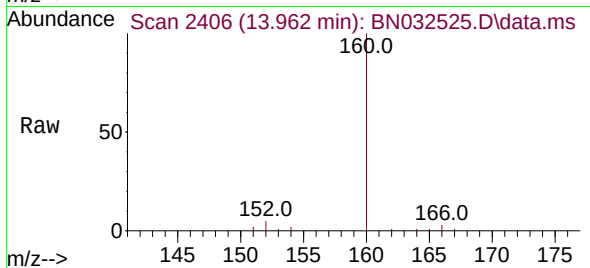
Tgt Ion:	152	Resp:	778
Ion Ratio	Lower	Upper	
152	100		
151	35.2	15.7	23.5
153	29.5	10.9	16.3

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#15

Phenanthrene

Concen: 0.060 ng/ul

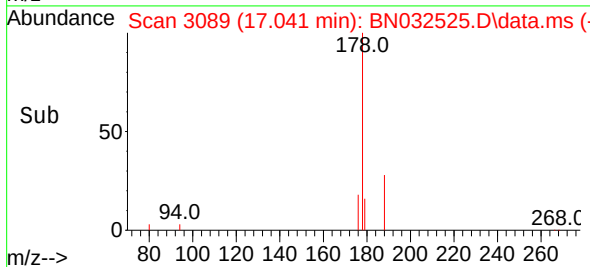
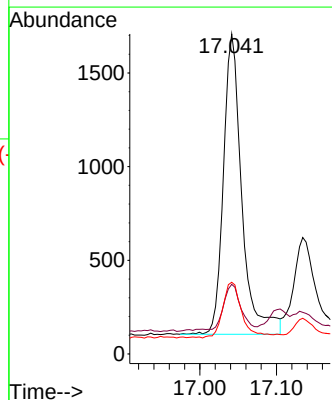
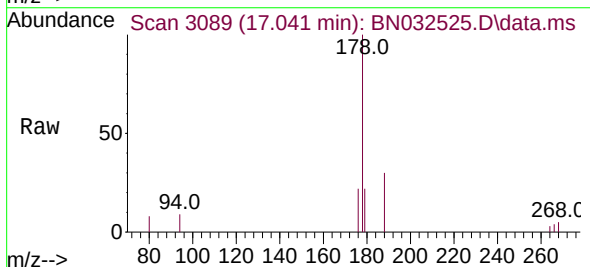
RT: 17.041 min Scan# 3089

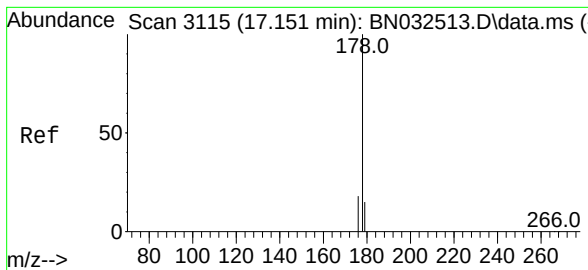
Delta R.T. -0.008 min

Lab File: BN032525.D

Acq: 06 Jul 2024 01:33

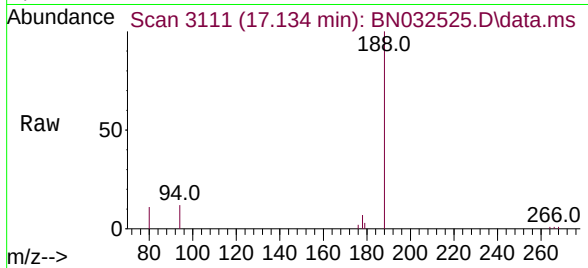
Tgt Ion:	178	Resp:	2681
Ion Ratio	Lower	Upper	
178	100		
179	21.8	12.6	18.8
176	22.4	15.6	23.4





#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.008 min
 Lab File: BN032525.D
 Acq: 06 Jul 2024 01:33

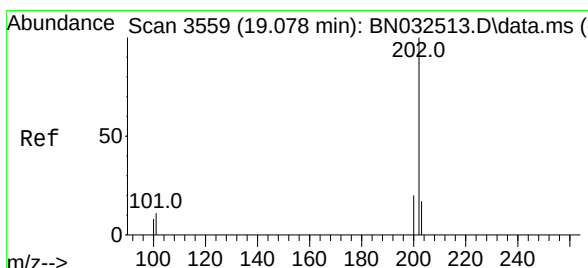
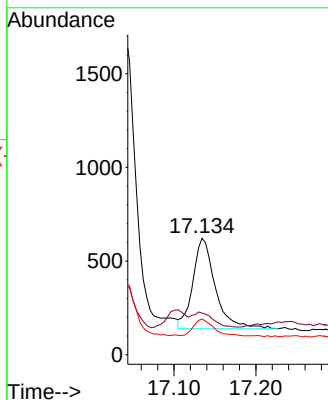
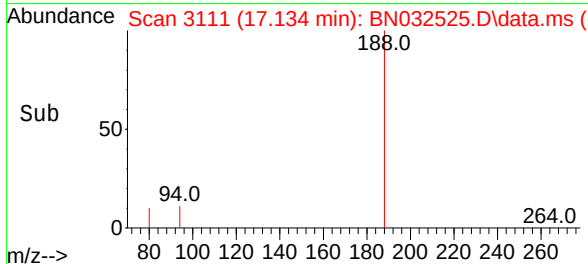
Instrument :
 BNA_N
 ClientSampleId :
 A4CS9DL



Tgt Ion:178 Resp: 910
 Ion Ratio Lower Upper
 178 100
 179 35.7 12.5 18.7#
 176 30.7 15.0 22.6#

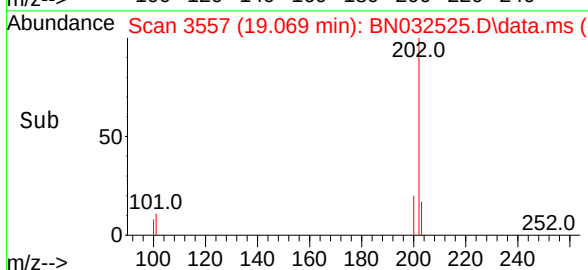
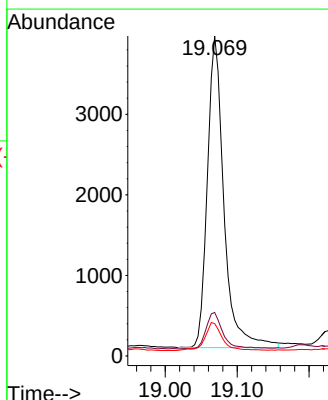
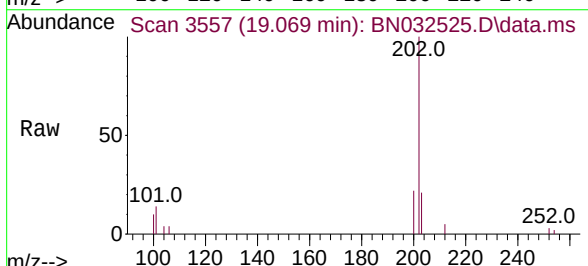
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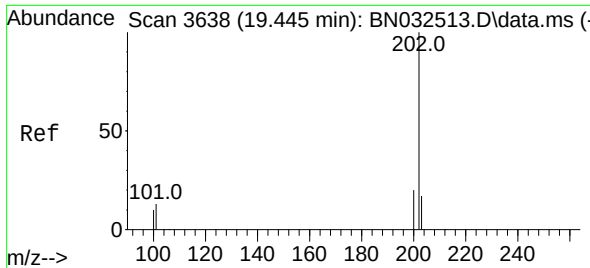
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 0.103 ng/ul
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032525.D
 Acq: 06 Jul 2024 01:33

Tgt Ion:202 Resp: 6168
 Ion Ratio Lower Upper
 202 100
 101 13.6 8.8 13.2#
 100 10.1 6.4 9.6#





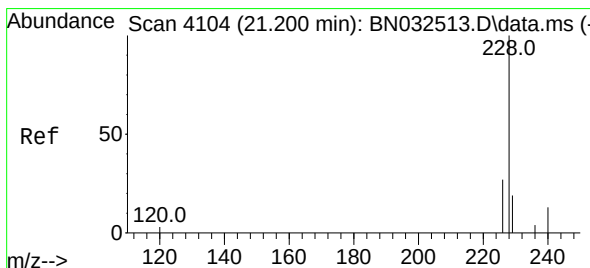
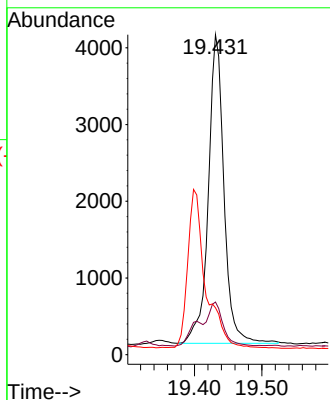
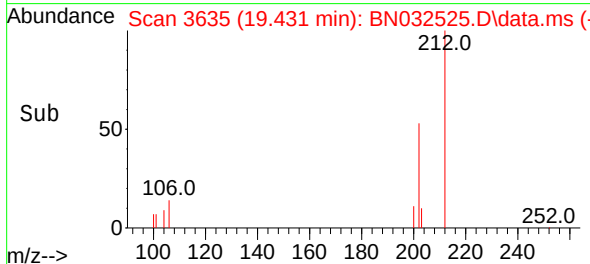
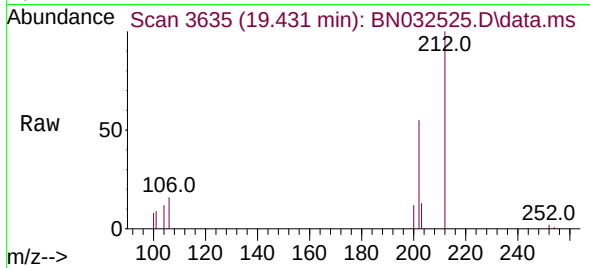
#20
Pyrene
Concen: 0.104 ng/ul
RT: 19.431 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN032525.D
Acq: 06 Jul 2024 01:33

Instrument :
BNA_N
ClientSampleId :
A4CS9DL

Tgt Ion:202 Resp: 650
Ion Ratio Lower Upper
202 100
101 16.5 11.0 16.4#
100 14.6 8.7 13.1#

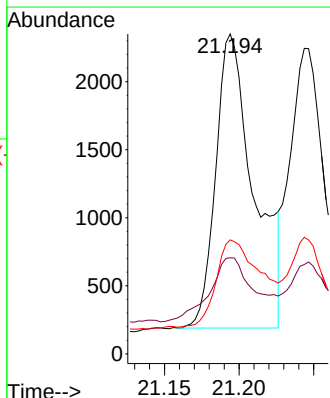
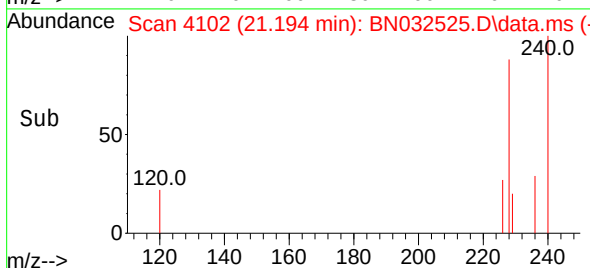
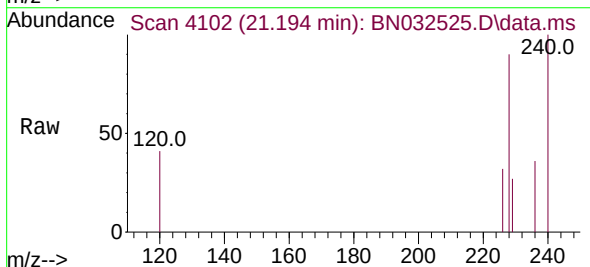
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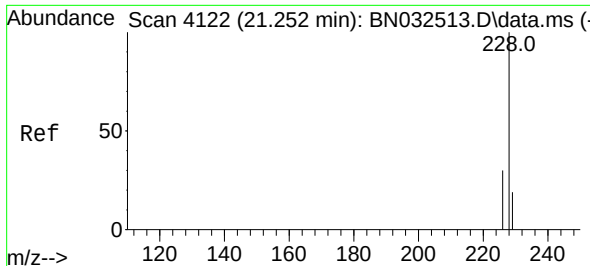
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 0.068 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. 0.003 min
Lab File: BN032525.D
Acq: 06 Jul 2024 01:33

Tgt Ion:228 Resp: 3841
Ion Ratio Lower Upper
228 100
229 30.0 15.7 23.5#
226 35.7 21.8 32.8#





#22

Chrysene

Concen: 0.056 ng/ul

RT: 21.244 min Scan# 4119

Delta R.T. 0.000 min

Lab File: BN032525.D

Acq: 06 Jul 2024 01:33

Instrument :

BNA_N

ClientSampleId :

A4CS9DL

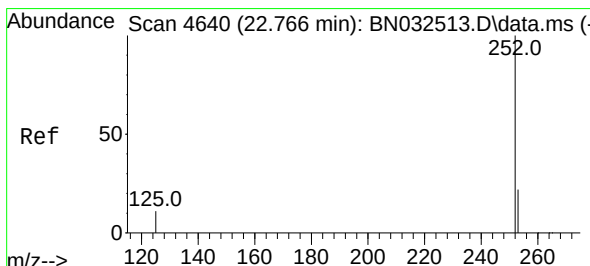
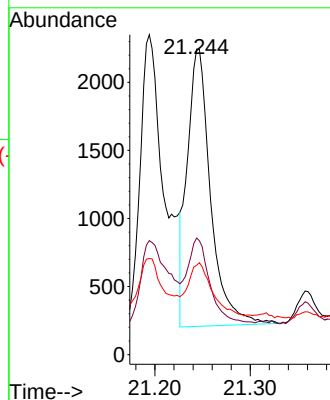
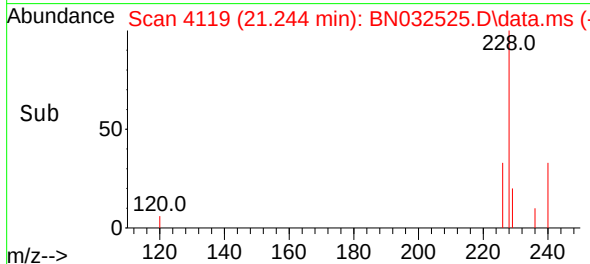
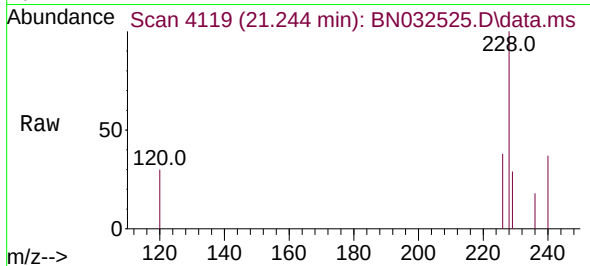
Tgt Ion:228	Resp:	3462
Ion Ratio	Lower	Upper
228	100	
226	38.1	23.6 35.4
229	29.2	15.7 23.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#24

Benzo(b)fluoranthene

Concen: 0.077 ng/ul m

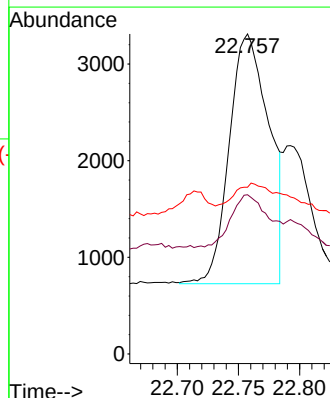
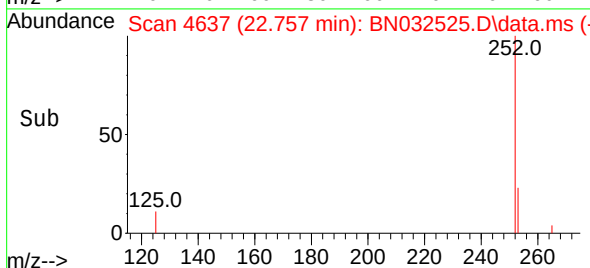
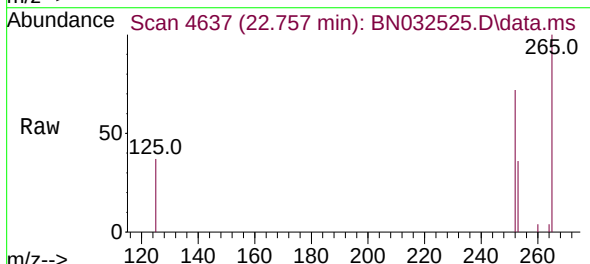
RT: 22.757 min Scan# 4637

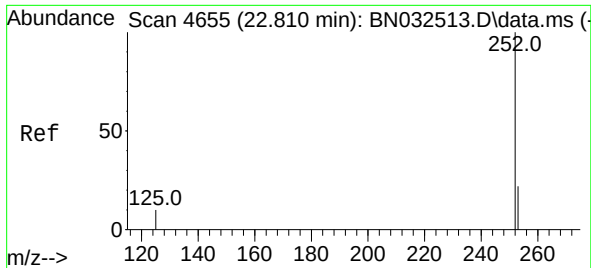
Delta R.T. 0.000 min

Lab File: BN032525.D

Acq: 06 Jul 2024 01:33

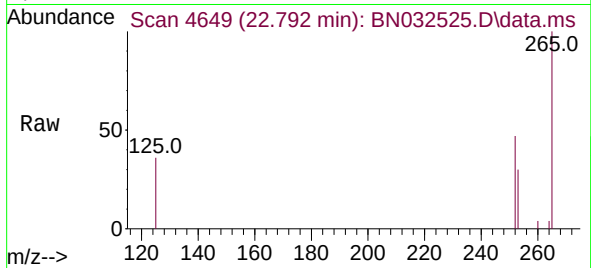
Tgt Ion:252	Resp:	5826
Ion Ratio	Lower	Upper
252	100	
253	49.7	0.0 50.2
125	52.1	0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.032 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032525.D
Acq: 06 Jul 2024 01:33

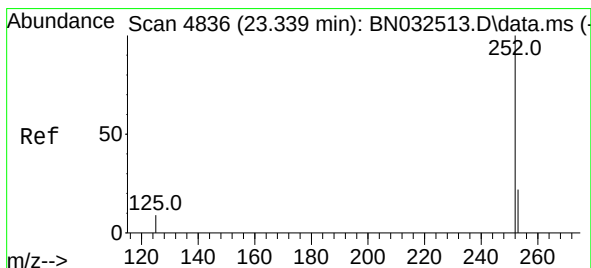
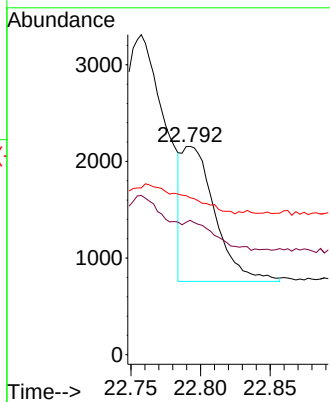
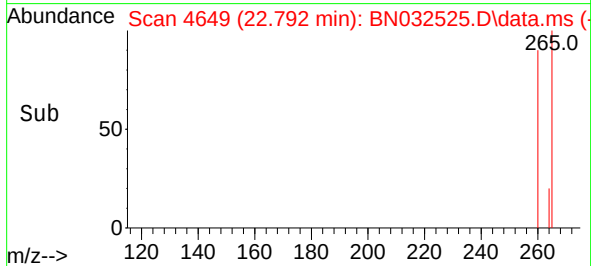
Instrument :
BNA_N
ClientSampleId :
A4CS9DL



Tgt Ion:252 Resp: 234
Ion Ratio Lower Upper
252 100
253 64.5 20.3 30.5#
125 75.4 12.8 19.2#

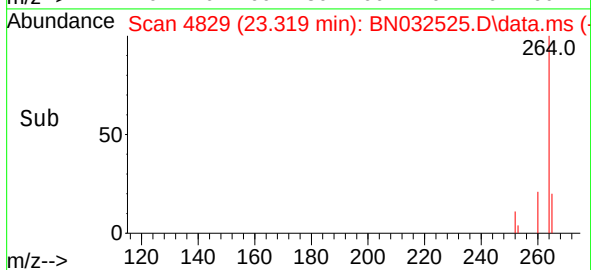
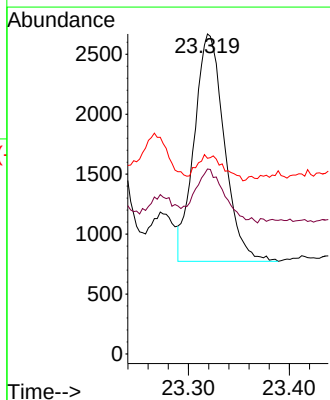
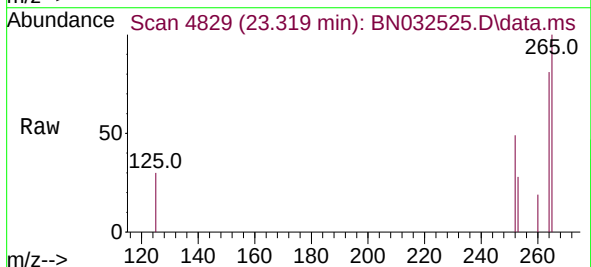
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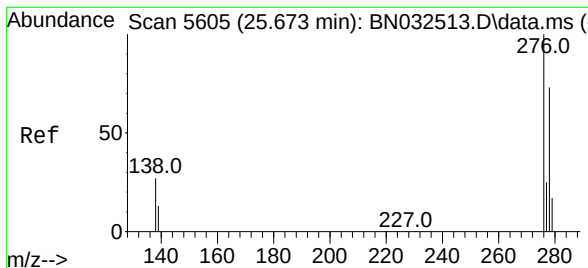
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 0.074 ng/ul
RT: 23.319 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032525.D
Acq: 06 Jul 2024 01:33

Tgt Ion:252 Resp: 3926
Ion Ratio Lower Upper
252 100
253 57.8 22.2 33.2#
125 61.2 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/ul

RT: 25.666 min Scan# 5603

Delta R.T. 0.007 min

Lab File: BN032525.D

Acq: 06 Jul 2024 01:33

Instrument :

BNA_N

ClientSampleId :

A4CS9DL

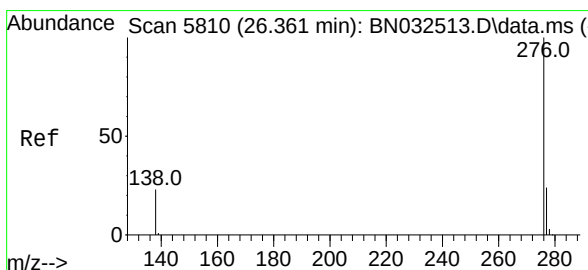
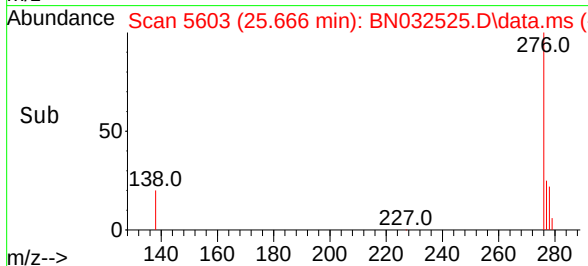
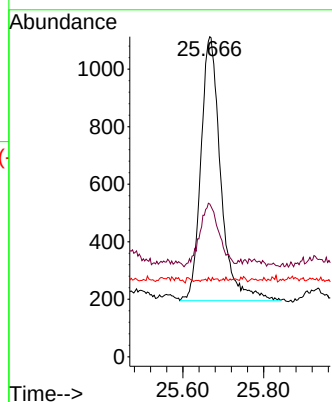
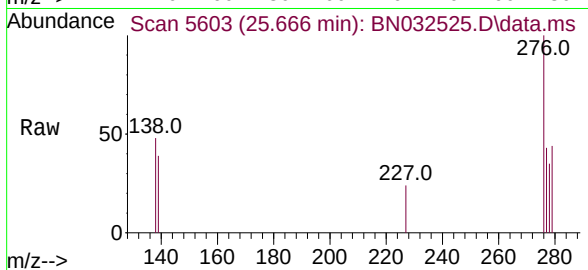
Tgt Ion:	276	Resp:	313
Ion Ratio	Lower	Upper	
276	100		
138	23.3	21.3	31.9
227	0.3	0.1	0.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.044 ng/ul

RT: 26.351 min Scan# 5807

Delta R.T. 0.007 min

Lab File: BN032525.D

Acq: 06 Jul 2024 01:33

Tgt Ion:	276	Resp:	2933
Ion Ratio	Lower	Upper	
276	100		
138	48.8	19.8	29.6#
277	44.0	19.8	29.6#

