

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032545.D
 Acq On : 06 Jul 2024 14:13
 Operator : MA/JU
 Sample : P2982-18
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BB9

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:45:38 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	7.586	152	8798	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.360	136	25735	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.235	164	14372	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.995	188	28112m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.209	240	25815m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	28083m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	31652	3.237	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.966	152	7039	0.182	ng/ul	-0.01
18) Fluoranthene-d10	19.031	212	14217	0.183	ng/ul	-0.01
Target Compounds						
10) Acenaphthylene	13.957	152	1721	0.029	ng/ul#	78
15) Phenanthrene	17.033	178	2772m	0.036	ng/ul	
19) Fluoranthene	19.064	202	6812	0.069	ng/ul#	90
20) Pyrene	19.426	202	6445m	0.063	ng/ul	
21) Benzo(a)anthracene	21.194	228	4369	0.047	ng/ul#	80
22) Chrysene	21.246	228	4055	0.040	ng/ul#	81
24) Benzo(b)fluoranthene	22.760	252	6918m	0.057	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	2414m	0.020	ng/ul	
26) Benzo(a)pyrene	23.322	252	4255	0.050	ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	25.673	276	3615	0.027	ng/ul#	49
29) Benzo(g,h,i)perylene	26.350	276	3746	0.035	ng/ul#	58

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

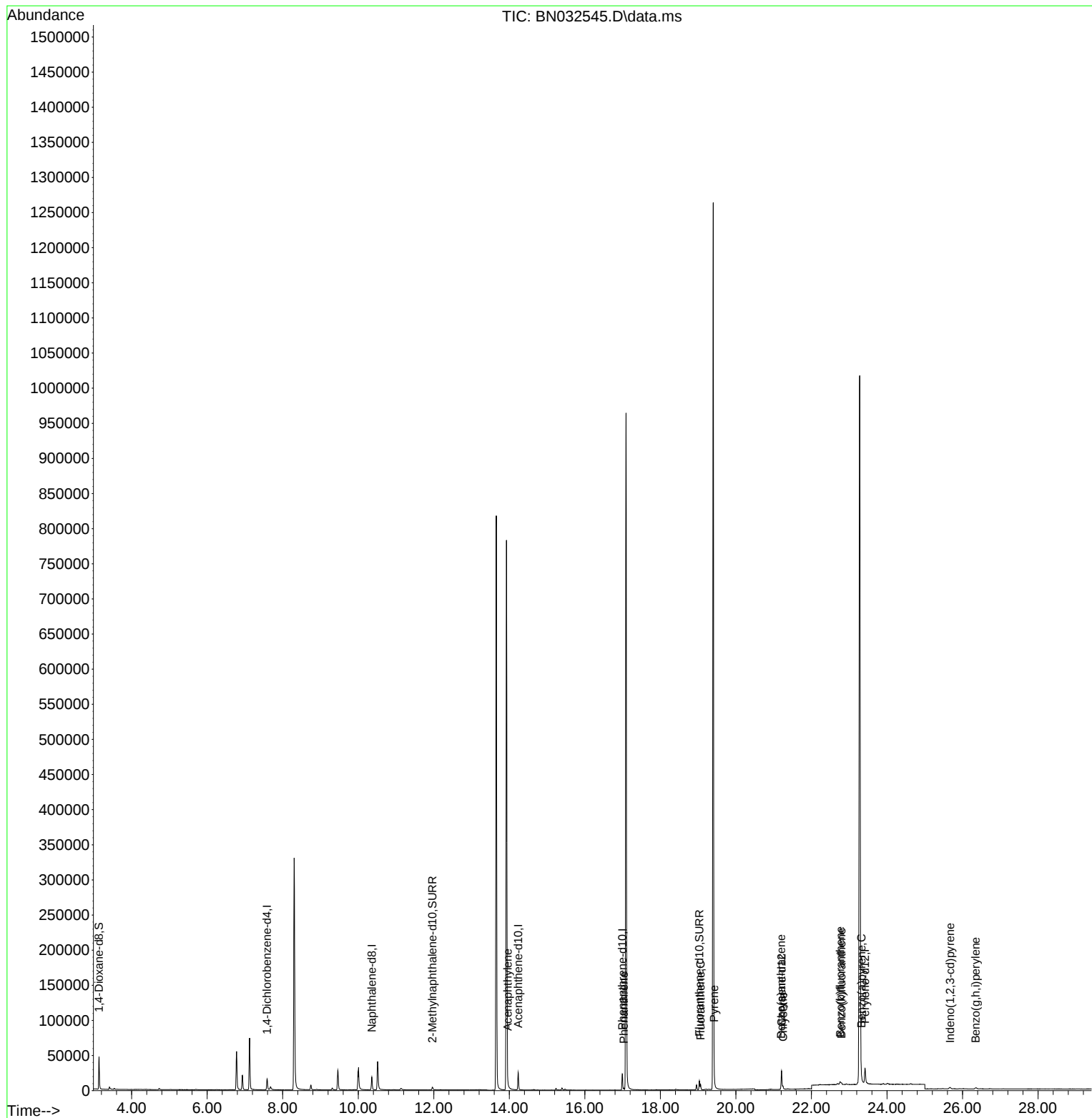
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032545.D
Acq On : 06 Jul 2024 14:13
Operator : MA/JU
Sample : P2982-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

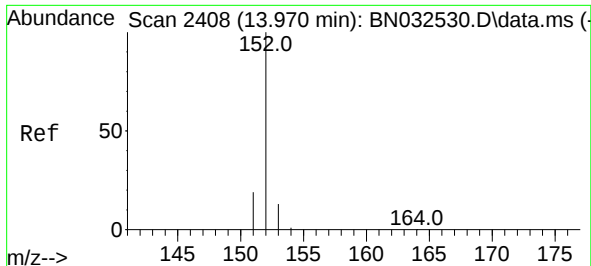
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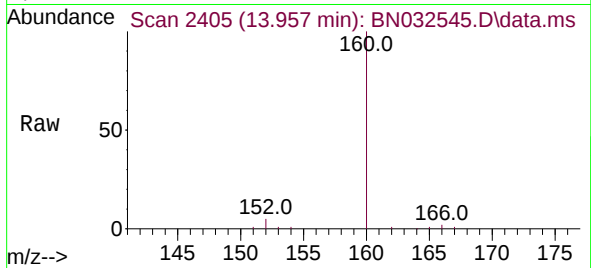
Quant Time: Jul 07 23:45:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.957 min Scan# 2405
Delta R.T. -0.014 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

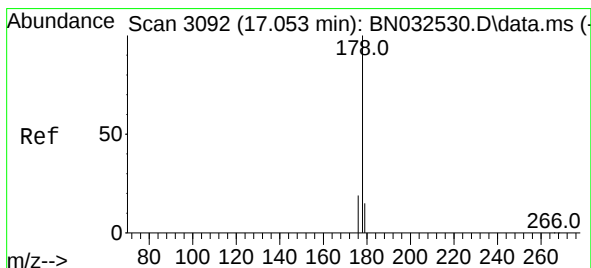
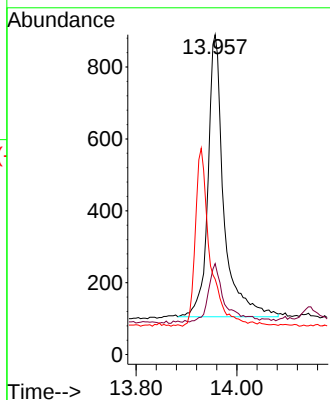
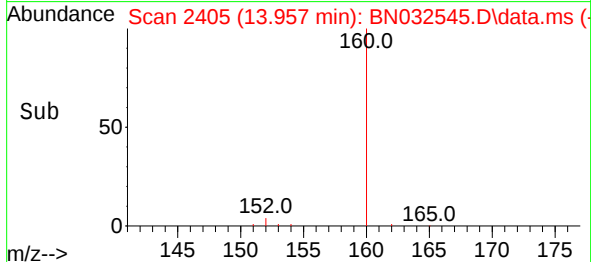
Instrument :
BNA_N
ClientSampleId :
A4BB9



Tgt Ion:152 Resp: 172
Ion Ratio Lower Upper
152 100
151 28.4 15.7 23.5
153 23.6 10.9 16.3

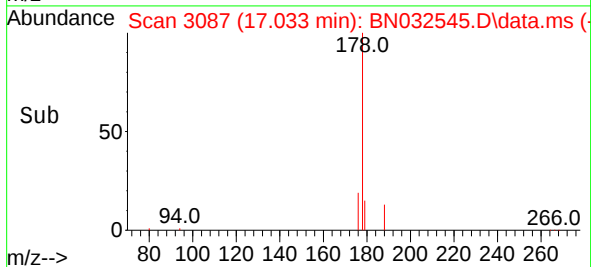
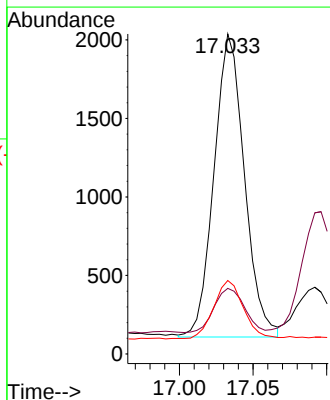
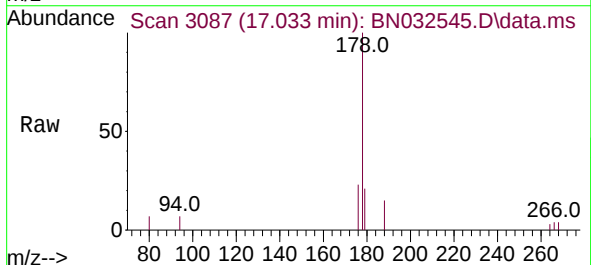
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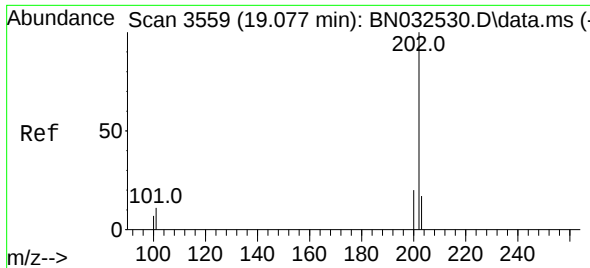
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 0.036 ng/ul m
RT: 17.033 min Scan# 3087
Delta R.T. -0.017 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

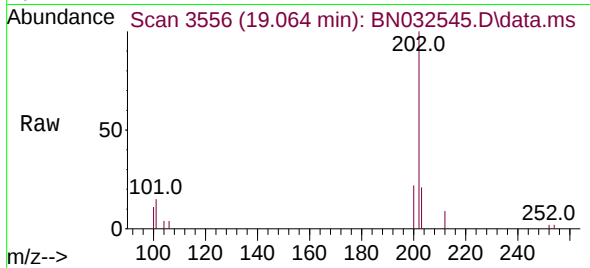
Tgt Ion:178 Resp: 2772
Ion Ratio Lower Upper
178 100
179 20.5 12.6 18.8#
176 23.0 15.6 23.4





#19
Fluoranthene
Concen: 0.069 ng/ul
RT: 19.064 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

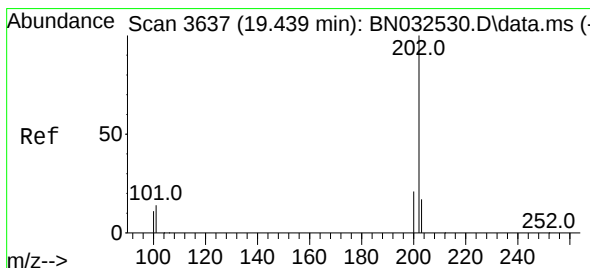
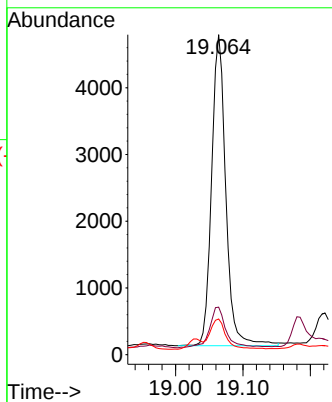
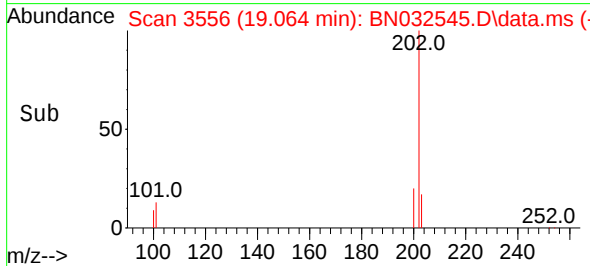
Instrument :
BNA_N
ClientSampleId :
A4BB9



Tgt Ion:202 Resp: 6812
Ion Ratio Lower Upper
202 100
101 14.9 8.8 13.2#
100 11.2 6.4 9.6#

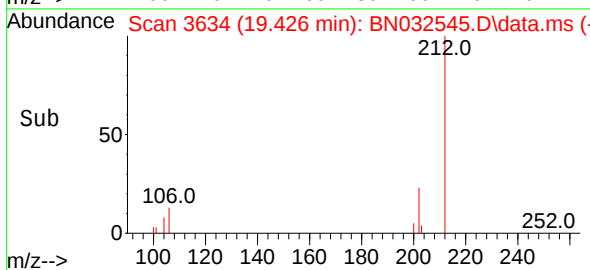
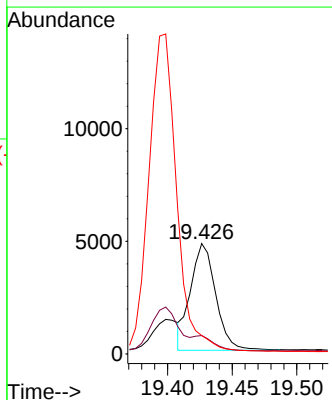
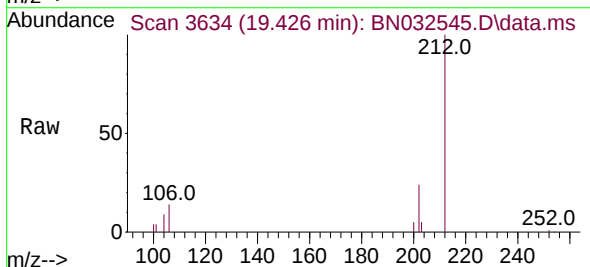
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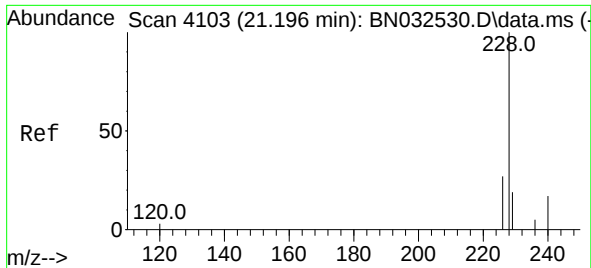
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 0.063 ng/ul m
RT: 19.426 min Scan# 3634
Delta R.T. -0.014 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

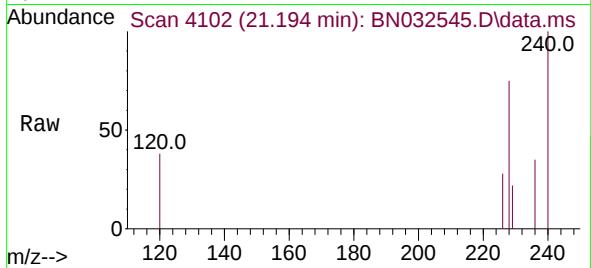
Tgt Ion:202 Resp: 6445
Ion Ratio Lower Upper
202 100
101 16.7 11.0 16.4#
100 16.7 8.7 13.1#





#21
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.194 min Scan# 4103
Delta R.T. 0.003 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

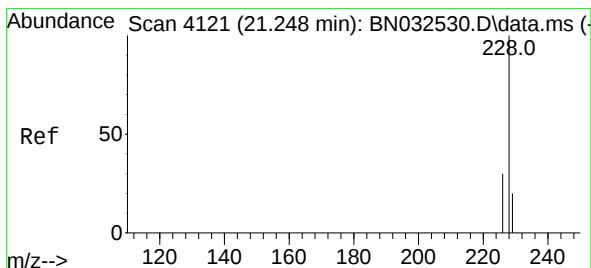
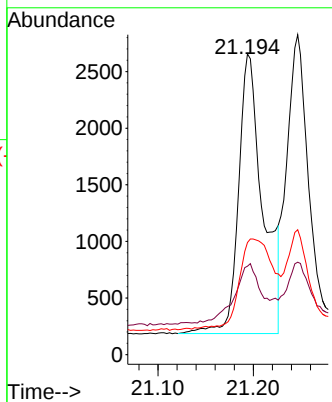
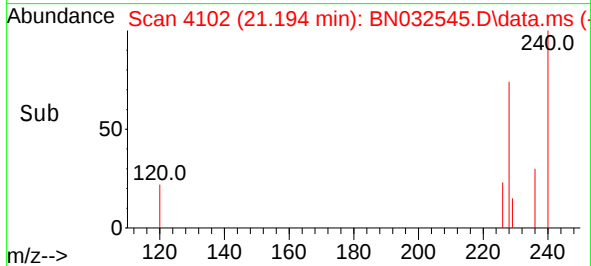
Instrument :
BNA_N
ClientSampleId :
A4BB9



Tgt Ion:228 Resp: 4369
Ion Ratio Lower Upper
228 100
229 29.4 15.7 23.5#
226 37.3 21.8 32.8#

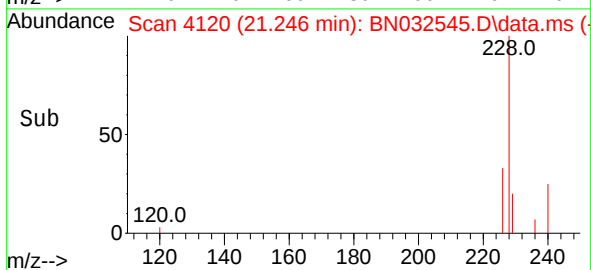
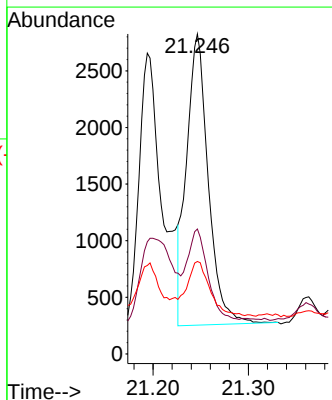
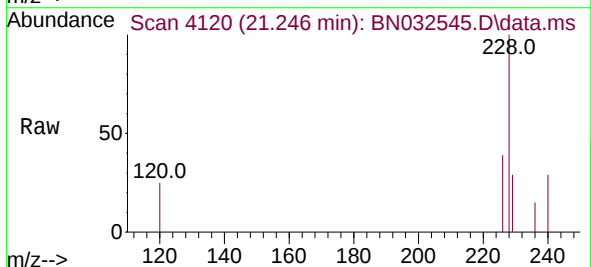
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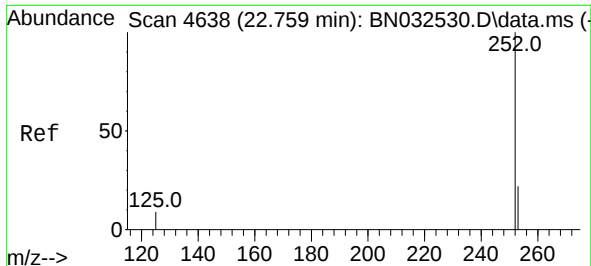
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Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

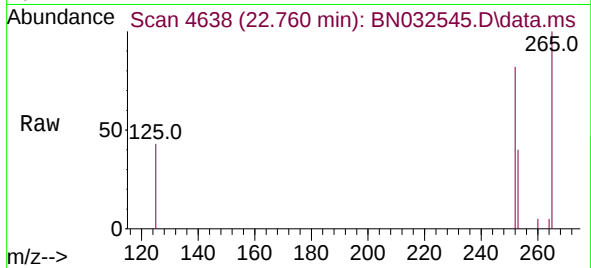
Tgt Ion:228 Resp: 4055
Ion Ratio Lower Upper
228 100
226 39.0 23.6 35.4#
229 28.9 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.057 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

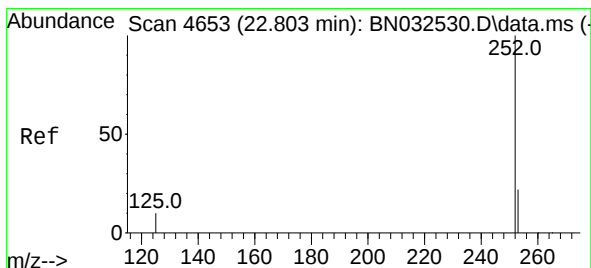
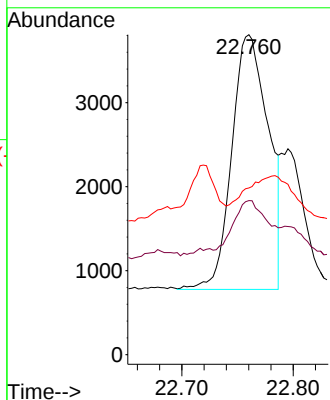
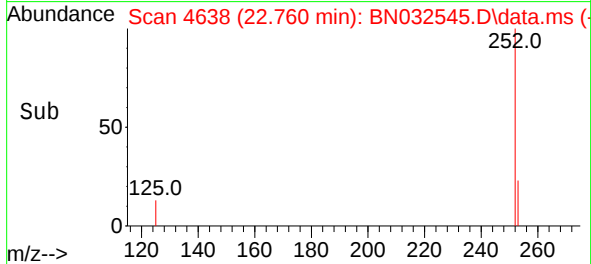
Instrument :
BNA_N
ClientSampleId :
A4BB9



Tgt Ion:252 Resp: 6918
Ion Ratio Lower Upper
252 100
253 48.1 0.0 50.2
125 52.1 0.0 32.0

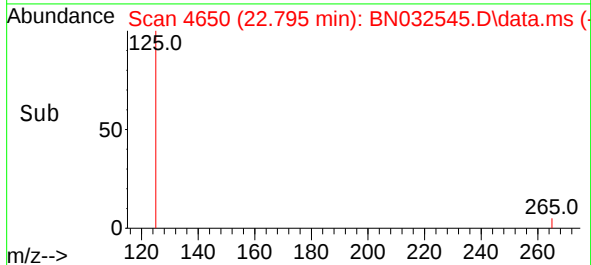
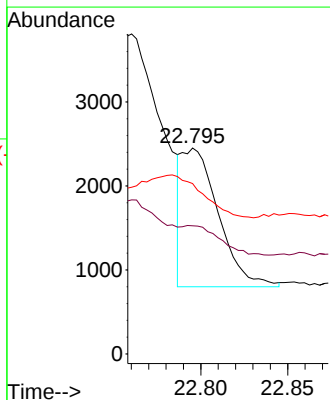
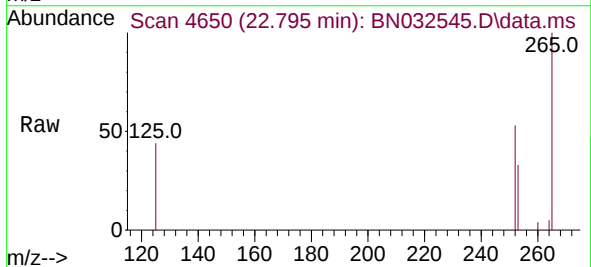
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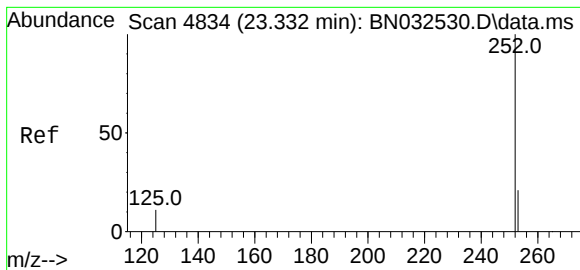
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.020 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

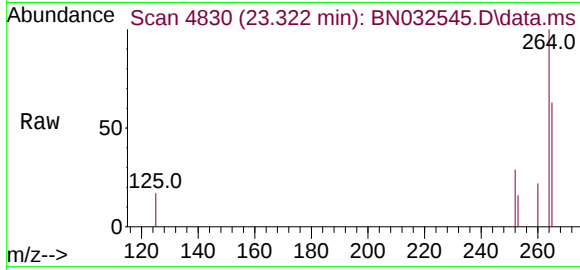
Tgt Ion:252 Resp: 2414
Ion Ratio Lower Upper
252 100
253 62.3 20.3 30.5#
125 82.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.050 ng/ul
RT: 23.322 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

Instrument :
BNA_N
ClientSampleId :
A4BB9

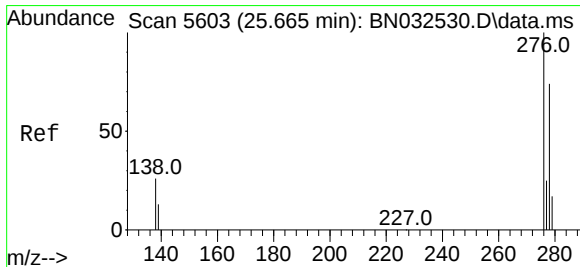
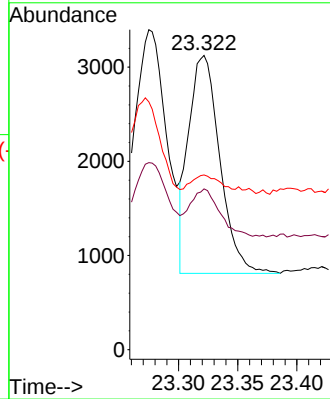
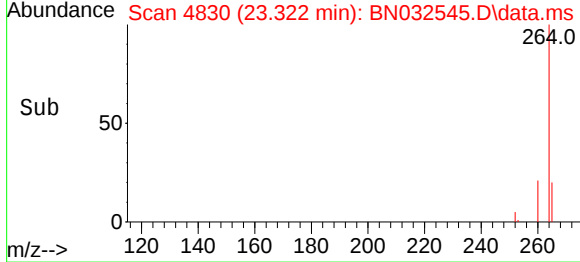


Tgt Ion:252 Resp: 425

Ion	Ratio	Lower	Upper
252	100		
253	54.6	22.2	33.2
125	59.4	16.4	24.6

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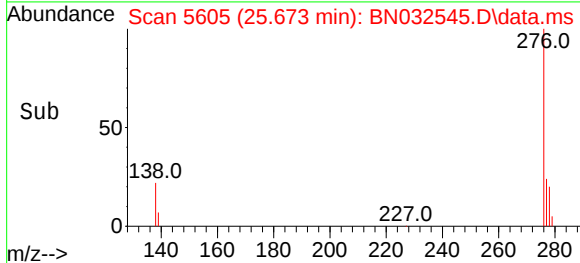
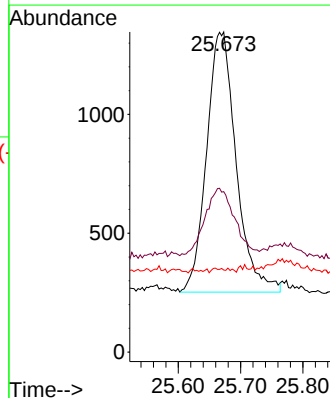
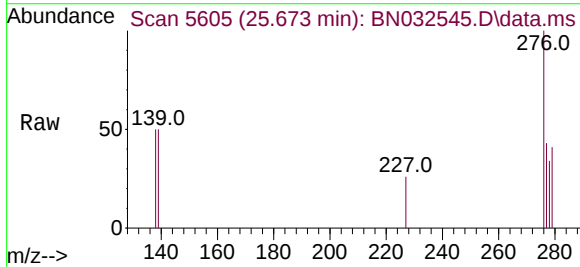
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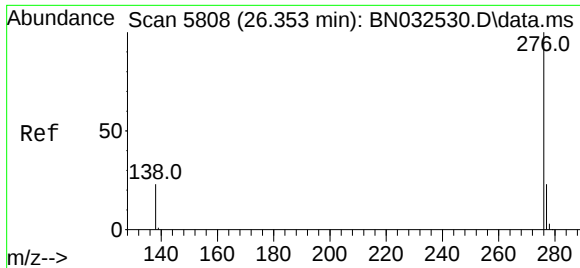


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. 0.013 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

Tgt Ion:276 Resp: 3615

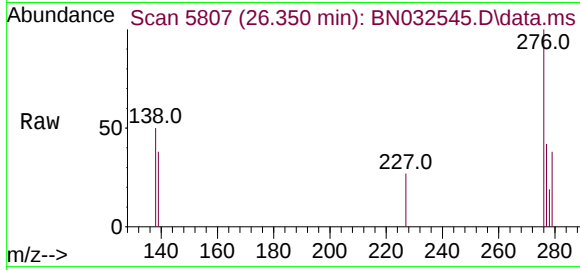
Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.3	31.9#
227	0.2	0.1	0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN032545.D
Acq: 06 Jul 2024 14:13

Instrument :
BNA_N
ClientSampleId :
A4BB9



Tgt Ion:276 Resp: 3740
Ion Ratio Lower Upper
276 100
138 49.5 19.8 29.6
277 41.9 19.8 29.6

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