

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034780.D
 Acq On : 31 Oct 2024 23:42
 Operator : RC/JU
 Sample : P4529-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7H15

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 03 23:23:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	7471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	23626	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	13350	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	26631	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	18341	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	15596m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	25739	3.328	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	6372	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	12346	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Anthracene	17.110	178	3157	0.042	ng/ul#	92
19) Fluoranthene	19.042	202	8997	0.101	ng/ul	96
20) Pyrene	19.404	202	18221m	0.197	ng/ul	
21) Benzo(a)anthracene	21.157	228	3500	0.048	ng/ul	93
22) Chrysene	21.207	228	5399	0.073	ng/ul	96
24) Benzo(b)fluoranthene	22.706	252	7339m	0.116	ng/ul	
25) Benzo(k)fluoranthene	22.744	252	2561m	0.040	ng/ul	
26) Benzo(a)pyrene	23.264	252	2661	0.049	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	25.527	276	1277	0.022	ng/ul	99
29) Benzo(g,h,i)perylene	26.188	276	996	0.022	ng/ul#	57

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

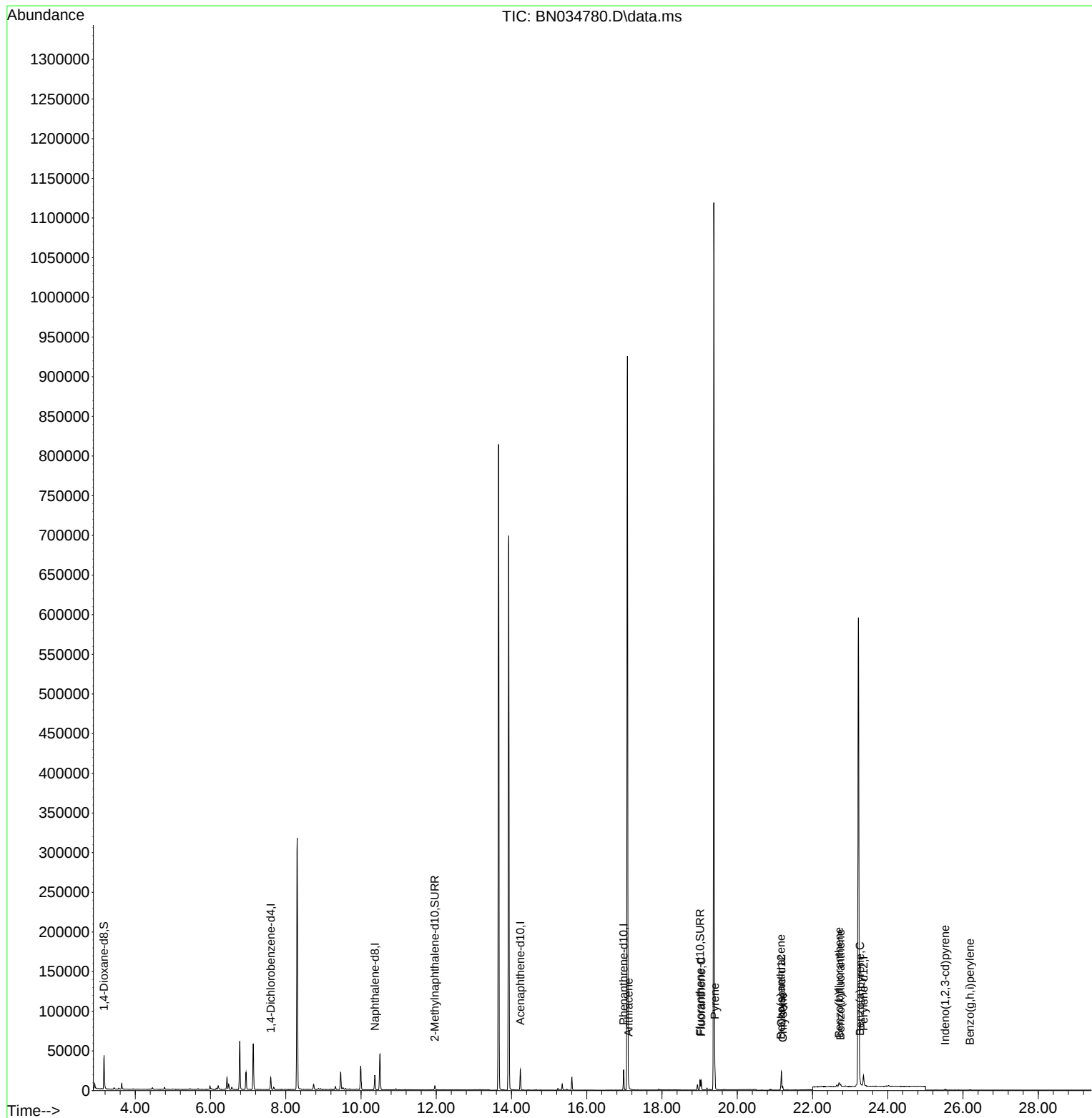
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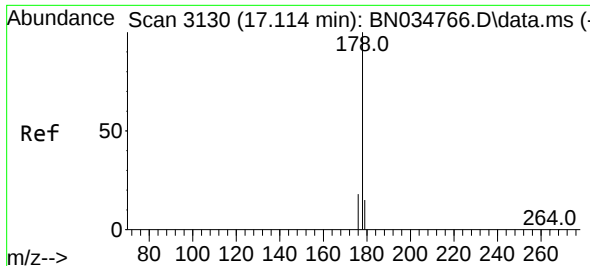
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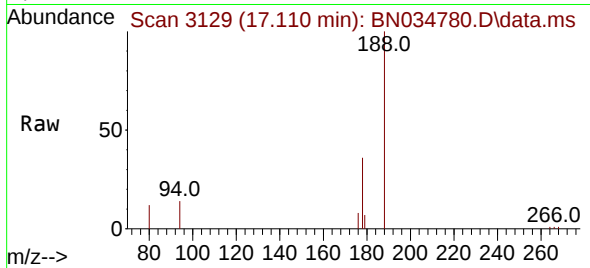
Quant Time: Nov 03 23:23:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
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#16
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.110 min Scan# 3129
 Delta R.T. -0.004 min
 Lab File: BN034780.D
 Acq: 31 Oct 2024 23:42

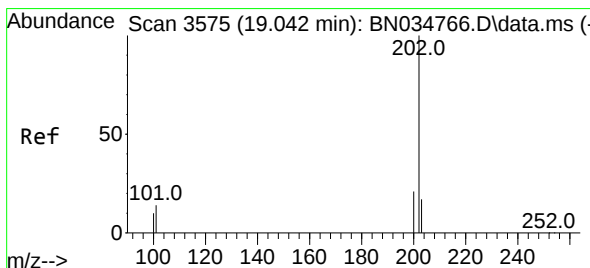
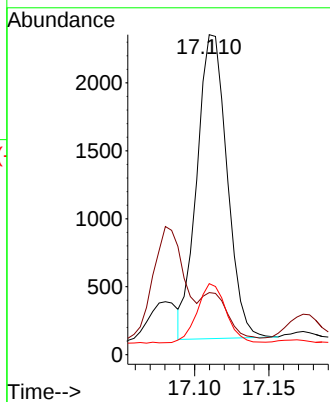
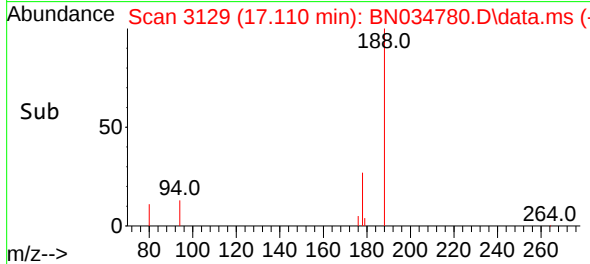
Instrument :
 BNA_N
 ClientSampleId :
 F7H15



Tgt Ion:178 Resp: 315
 Ion Ratio Lower Upper
 178 100
 179 19.4 12.3 18.5
 176 22.2 15.1 22.7

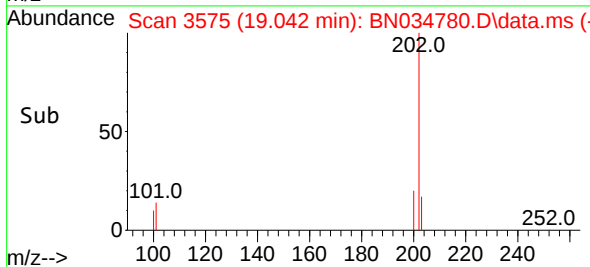
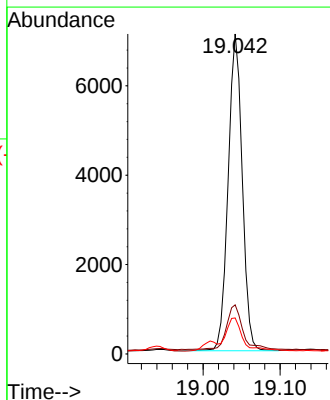
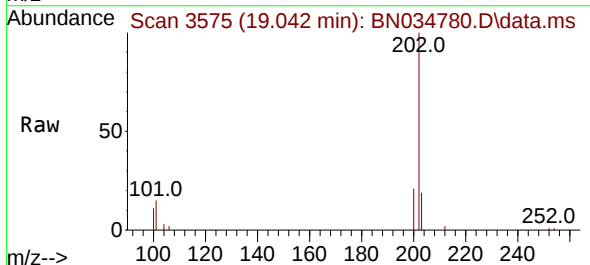
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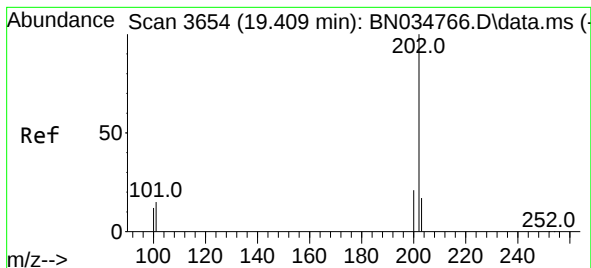
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024



#19
 Fluoranthene
 Concen: 0.101 ng/ul
 RT: 19.042 min Scan# 3575
 Delta R.T. -0.005 min
 Lab File: BN034780.D
 Acq: 31 Oct 2024 23:42

Tgt Ion:202 Resp: 8997
 Ion Ratio Lower Upper
 202 100
 101 15.3 10.8 16.2
 100 11.2 8.2 12.2





#20

Pyrene

Concen: 0.197 ng/ul m

RT: 19.404 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN034780.D

Acq: 31 Oct 2024 23:42

Instrument :

BNA_N

ClientSampleId :

F7H15

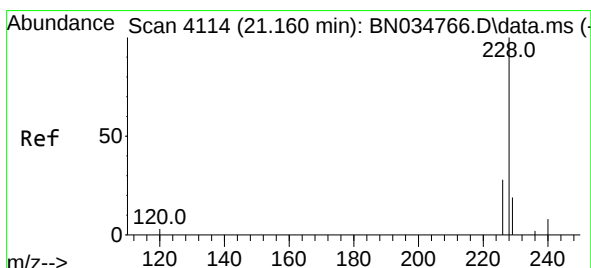
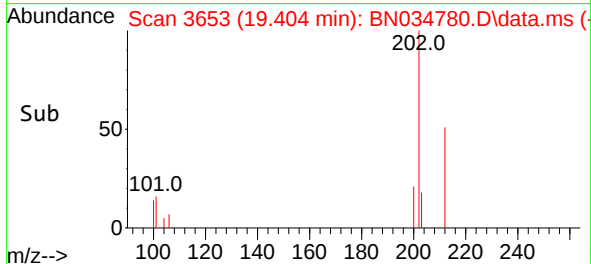
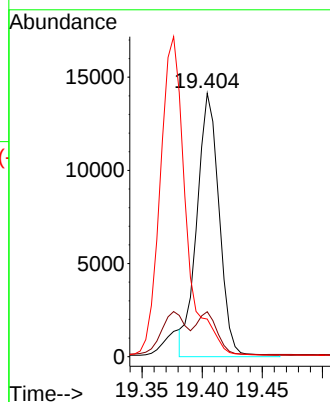
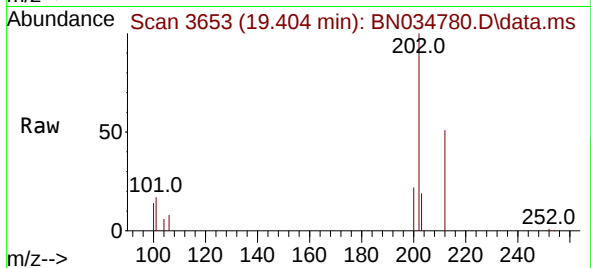
Tgt Ion:	202	Resp:	1822
Ion Ratio	Lower	Upper	
202	100		
101	17.1	12.4	18.6
100	14.3	10.0	15.0

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#21

Benzo(a)anthracene

Concen: 0.048 ng/ul

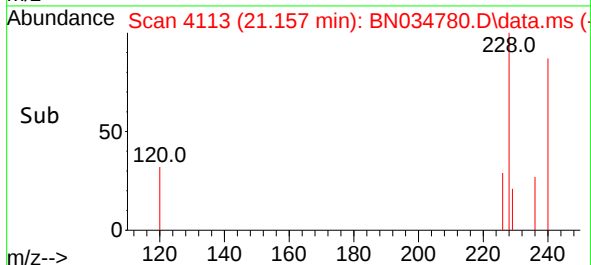
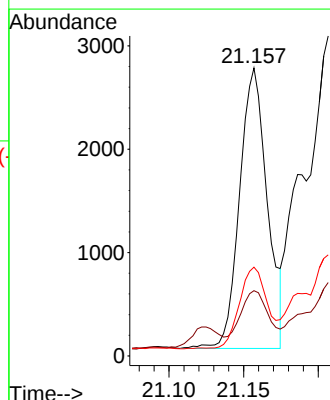
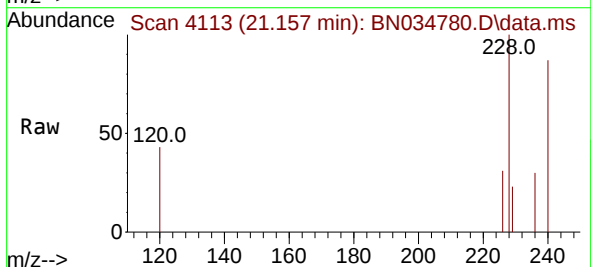
RT: 21.157 min Scan# 4113

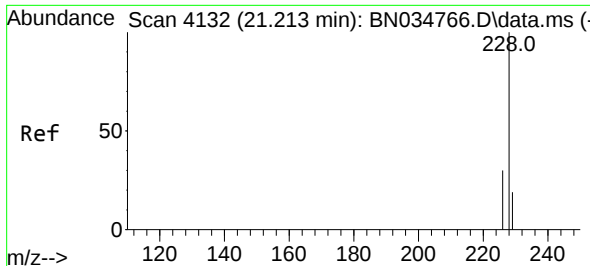
Delta R.T. -0.003 min

Lab File: BN034780.D

Acq: 31 Oct 2024 23:42

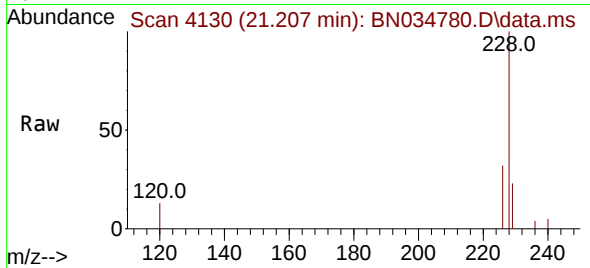
Tgt Ion:	228	Resp:	3500
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.5	23.3
226	30.8	22.1	33.1





#22
Chrysene
Concen: 0.073 ng/ul
RT: 21.207 min Scan# 4132
Delta R.T. -0.006 min
Lab File: BN034780.D
Acq: 31 Oct 2024 23:42

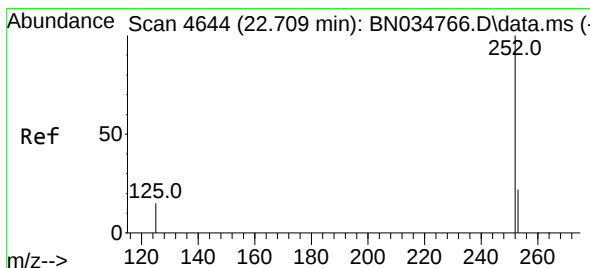
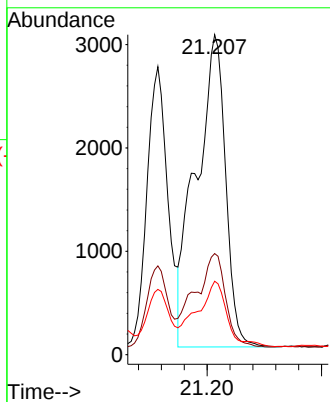
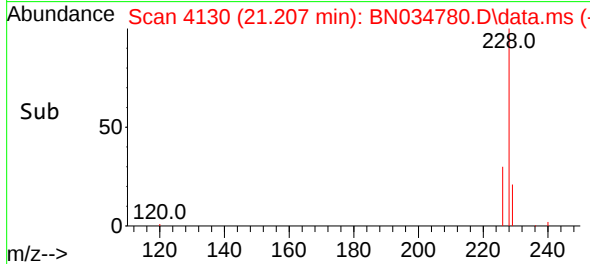
Instrument :
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ClientSampleId :
F7H15



Tgt Ion:228 Resp: 5399
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 23.0 15.6 23.4

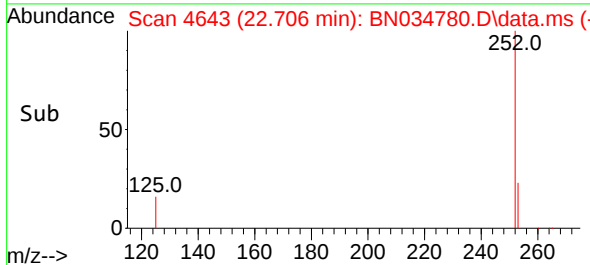
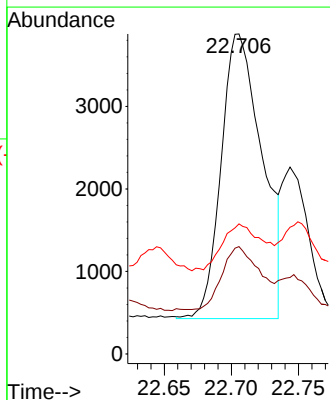
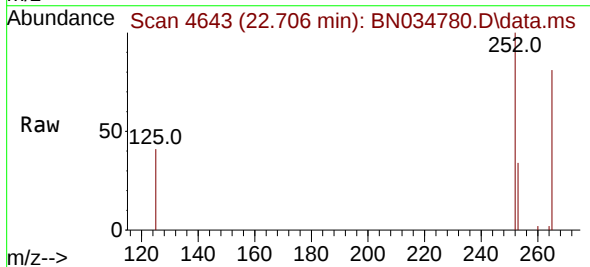
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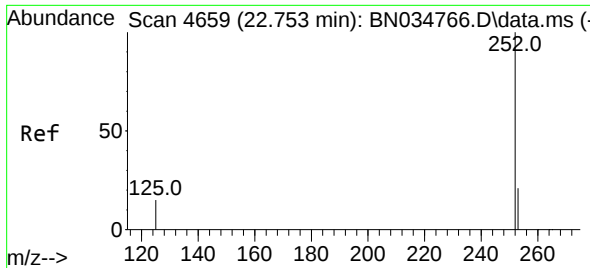
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#24
Benzo(b)fluoranthene
Concen: 0.116 ng/ul m
RT: 22.706 min Scan# 4643
Delta R.T. -0.003 min
Lab File: BN034780.D
Acq: 31 Oct 2024 23:42

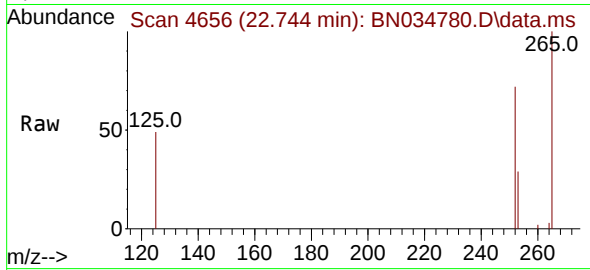
Tgt Ion:252 Resp: 7339
Ion Ratio Lower Upper
252 100
253 33.5 0.0 47.6
125 40.6 0.0 41.4





#25
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 22.744 min Scan# 4656
Delta R.T. -0.006 min
Lab File: BN034780.D
Acq: 31 Oct 2024 23:42

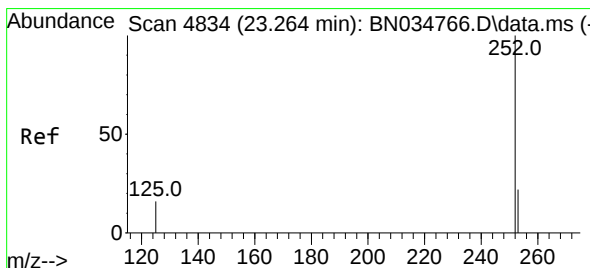
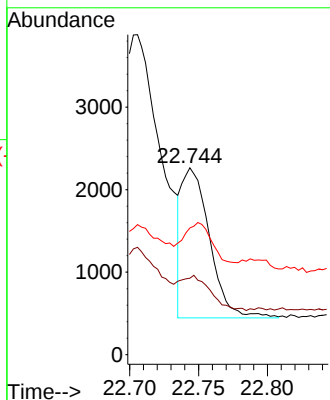
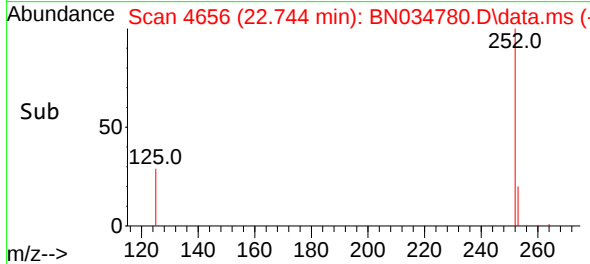
Instrument :
BNA_N
ClientSampleId :
F7H15



Tgt Ion:252 Resp: 2561
Ion Ratio Lower Upper
252 100
253 40.9 19.1 28.7#
125 67.8 17.0 25.4#

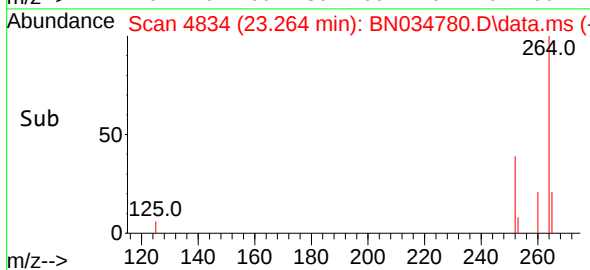
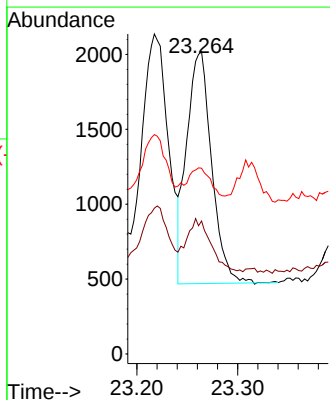
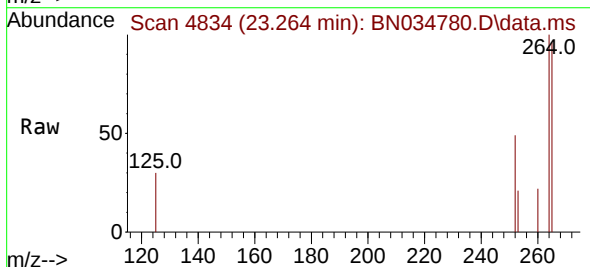
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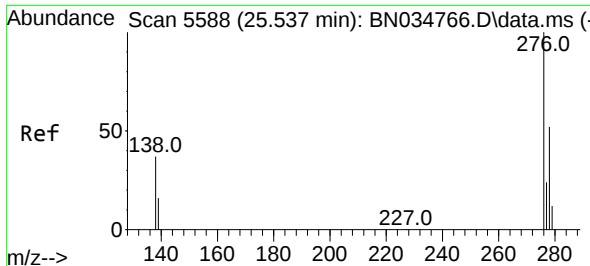
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#26
Benzo(a)pyrene
Concen: 0.049 ng/ul
RT: 23.264 min Scan# 4834
Delta R.T. -0.000 min
Lab File: BN034780.D
Acq: 31 Oct 2024 23:42

Tgt Ion:252 Resp: 2661
Ion Ratio Lower Upper
252 100
253 44.0 20.0 30.0#
125 61.5 19.8 29.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng/ul

RT: 25.527 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN034780.D

Acq: 31 Oct 2024 23:42

Instrument :

BNA_N

ClientSampleId :

F7H15

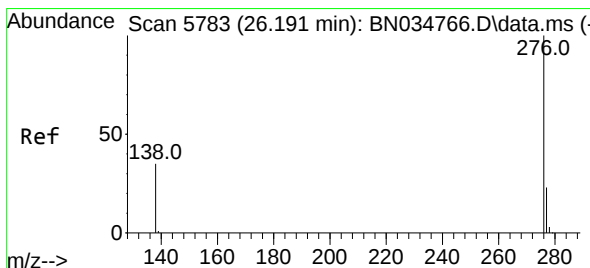
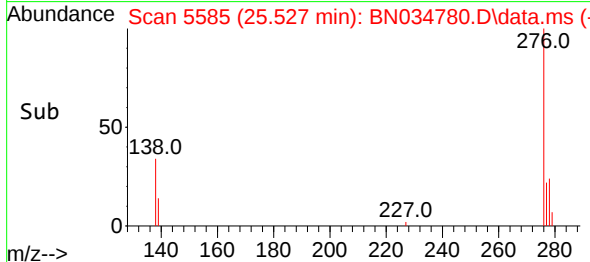
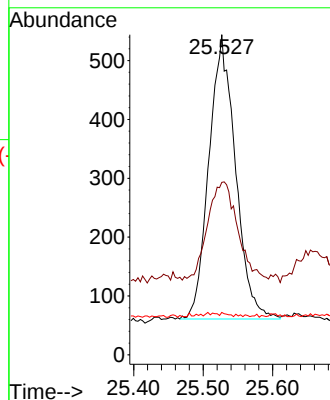
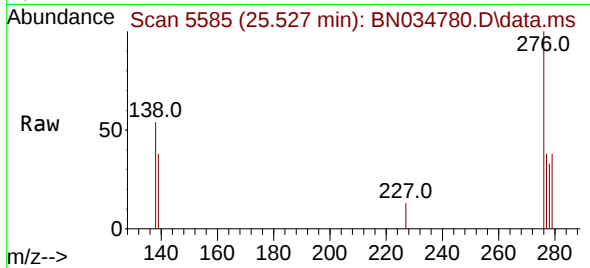
Tgt Ion:	276	Resp:	127
Ion Ratio	Lower	Upper	
276	100		
138	38.9	31.8	47.6
227	0.3	0.2	0.4

Manual Integrations

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Supervised By :mohammad ahmed 11/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.022 ng/ul

RT: 26.188 min Scan# 5782

Delta R.T. -0.007 min

Lab File: BN034780.D

Acq: 31 Oct 2024 23:42

Tgt Ion:	276	Resp:	996
Ion Ratio	Lower	Upper	
276	100		
138	62.2	28.8	43.2#
277	45.9	20.2	30.2#

