

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035675.D
 Acq On : 18 Dec 2024 18:07
 Operator : RC/JU
 Sample : P5258-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Y4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 01:04:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2534	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7230	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5100	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10543	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	8272	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	11241	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	8577	3.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2335	0.227	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	5136	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.751	178	1352	0.051	ng/ul#	83
19) Fluoranthene	18.795	202	2188	0.074	ng/ul#	90
20) Pyrene	19.163	202	2296	0.070	ng/ul#	87
21) Benzo(a)anthracene	20.947	228	1146	0.042	ng/ul#	73
22) Chrysene	20.996	228	1858	0.065	ng/ul#	82
24) Benzo(b)fluoranthene	22.440	252	2646m	0.080	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	899m	0.025	ng/ul	
26) Benzo(a)pyrene	22.960	252	1830	0.057	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	25.081	276	1458	0.037	ng/ul#	52
29) Benzo(g,h,i)perylene	25.698	276	1665	0.053	ng/ul#	47

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

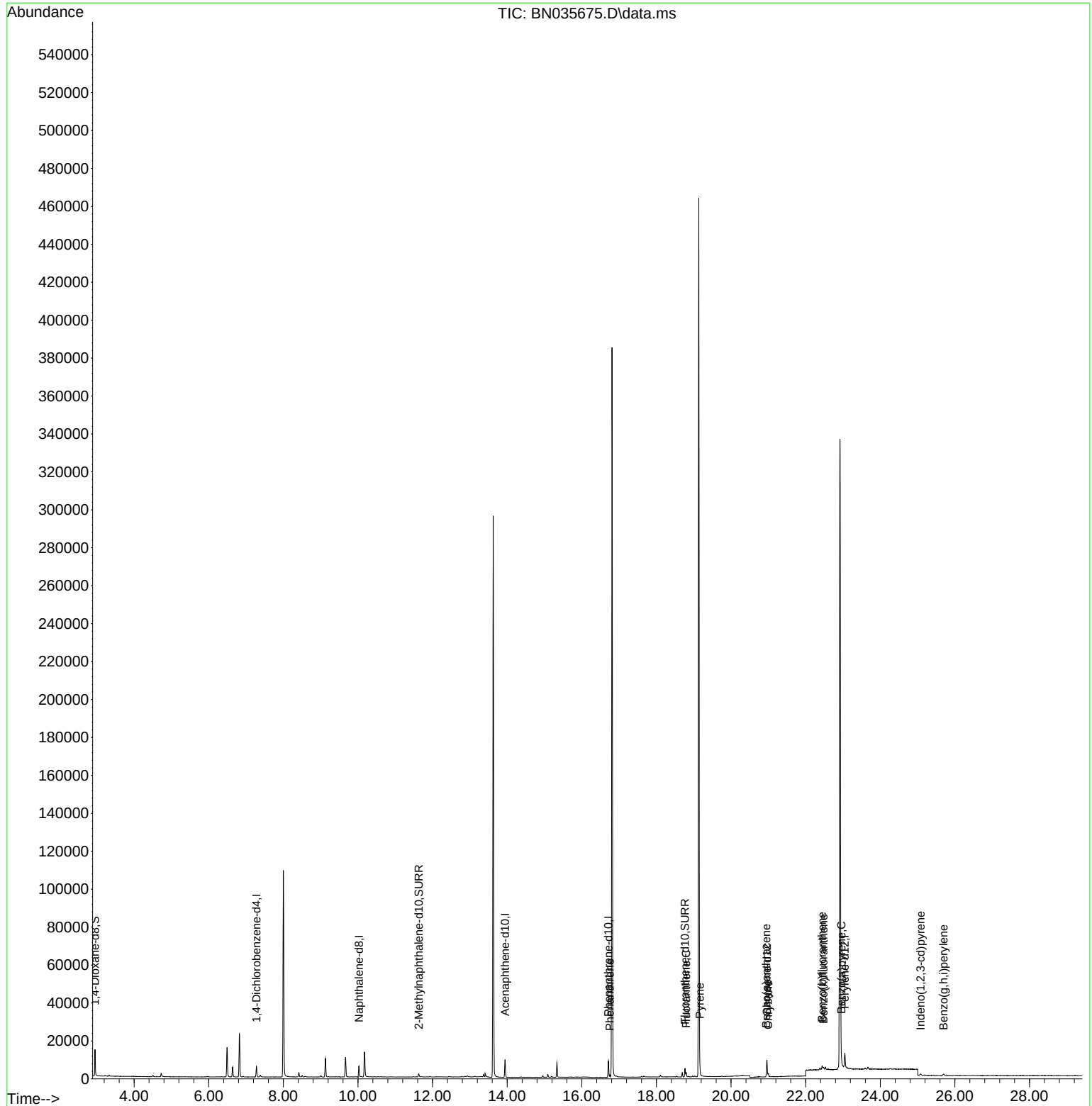
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035675.D
Acq On : 18 Dec 2024 18:07
Operator : RC/JU
Sample : P5258-21
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ALS Vial : 14 Sample Multiplier: 1

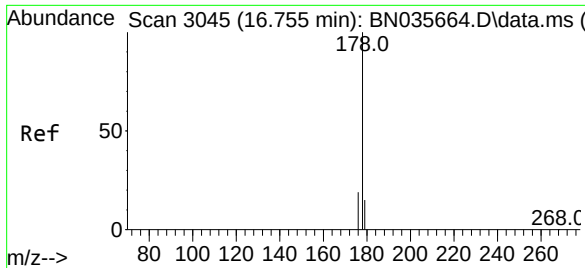
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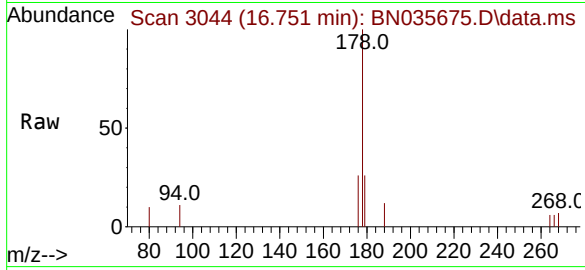
Quant Time: Dec 19 01:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#15
Phenanthrene
Concen: 0.051 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035675.D
Acq: 18 Dec 2024 18:07

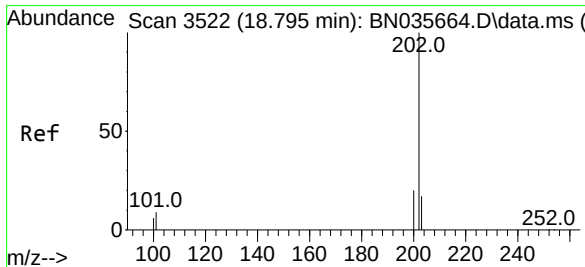
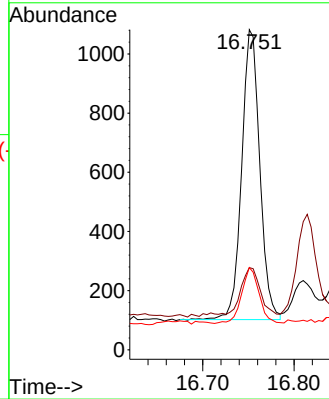
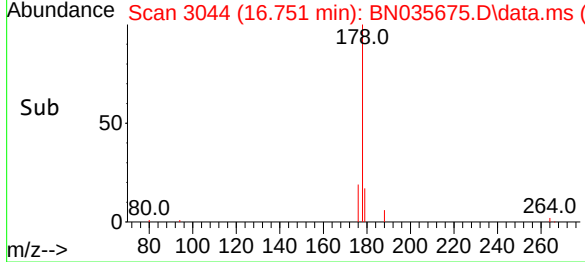
Instrument :
BNA_N
ClientSampleId :
E28Y4



Tgt Ion:178 Resp: 1352
Ion Ratio Lower Upper
178 100
179 25.7 13.3 19.9#
176 25.7 15.8 23.8#

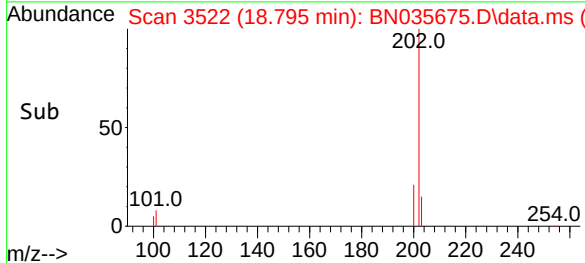
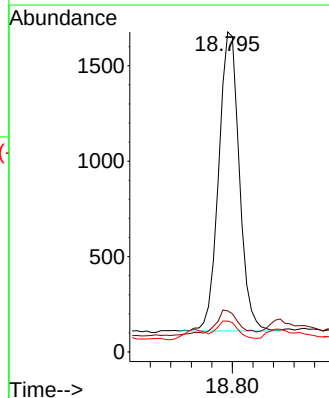
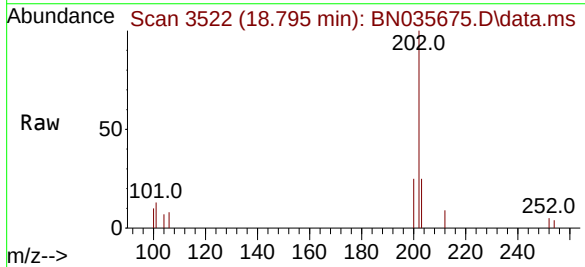
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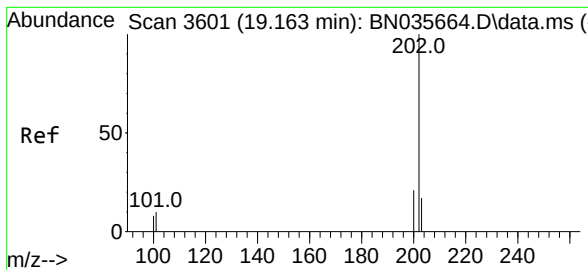
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#19
Fluoranthene
Concen: 0.074 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035675.D
Acq: 18 Dec 2024 18:07

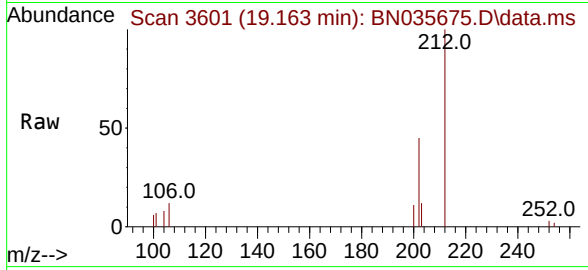
Tgt Ion:202 Resp: 2188
Ion Ratio Lower Upper
202 100
101 12.9 7.3 10.9#
100 9.7 5.4 8.0#





#20
Pyrene
Concen: 0.070 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035675.D
Acq: 18 Dec 2024 18:07

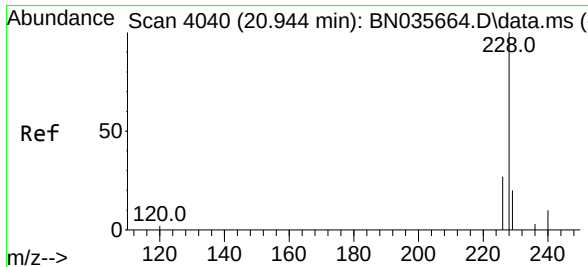
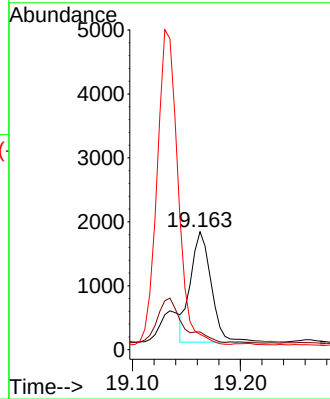
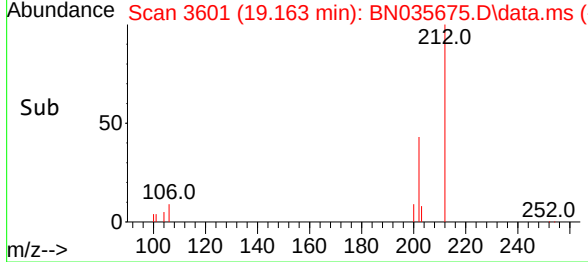
Instrument :
BNA_N
ClientSampleId :
E28Y4



Tgt Ion:	202	Resp:	2290
Ion Ratio	Lower	Upper	
202	100		
101	15.1	8.5	12.7
100	13.0	6.5	9.7

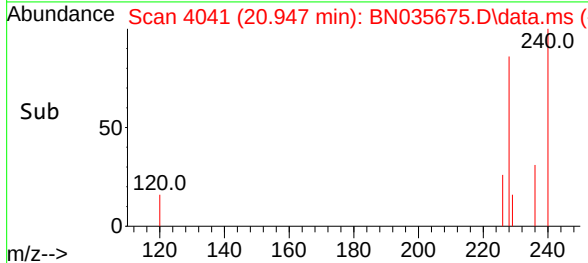
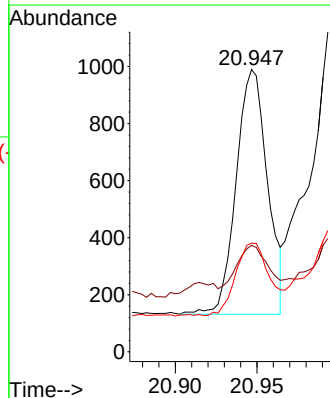
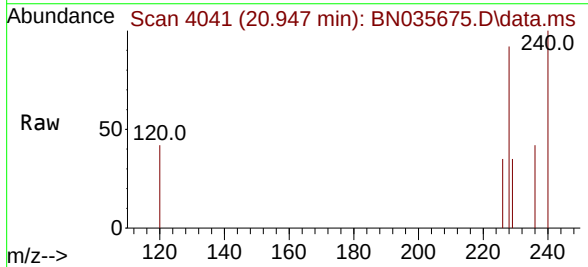
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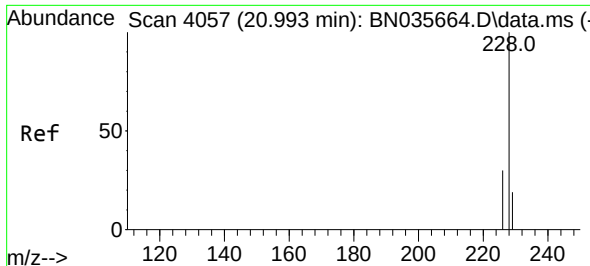
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#21
Benzo(a)anthracene
Concen: 0.042 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035675.D
Acq: 18 Dec 2024 18:07

Tgt Ion:	228	Resp:	1146
Ion Ratio	Lower	Upper	
228	100		
229	37.7	16.6	25.0
226	38.5	22.5	33.7





#22

Chrysene

Concen: 0.065 ng/ul

RT: 20.996 min Scan# 4057

Delta R.T. -0.003 min

Lab File: BN035675.D

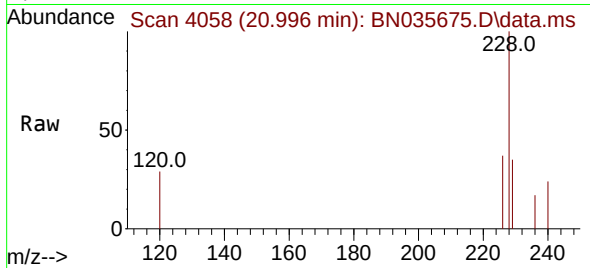
Acq: 18 Dec 2024 18:07

Instrument :

BNA_N

ClientSampleId :

E28Y4



Tgt Ion:228 Resp: 1858

Ion Ratio Lower Upper

228 100

226 36.8 25.1 37.7

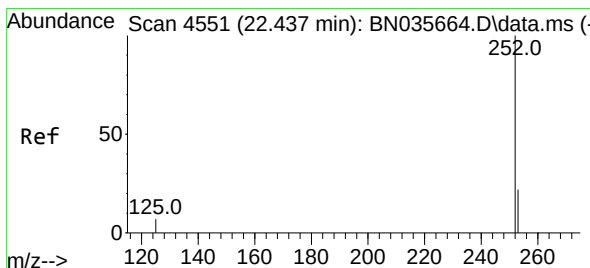
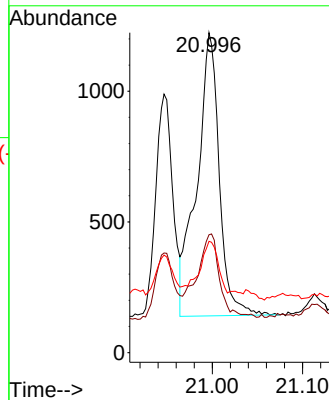
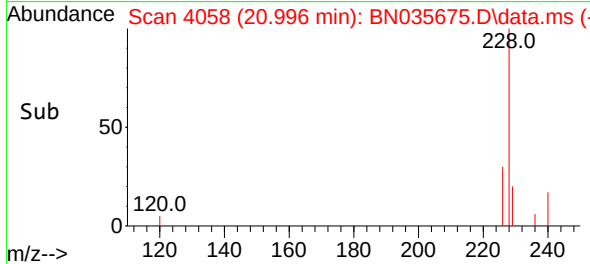
229 34.8 16.6 24.8

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#24

Benzo(b)fluoranthene

Concen: 0.080 ng/ul m

RT: 22.440 min Scan# 4552

Delta R.T. -0.003 min

Lab File: BN035675.D

Acq: 18 Dec 2024 18:07

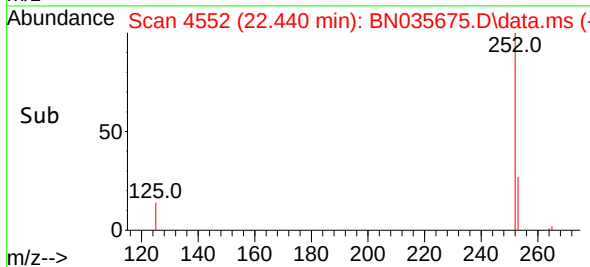
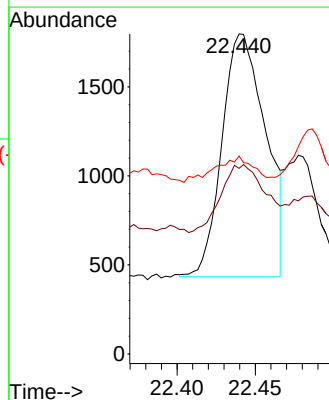
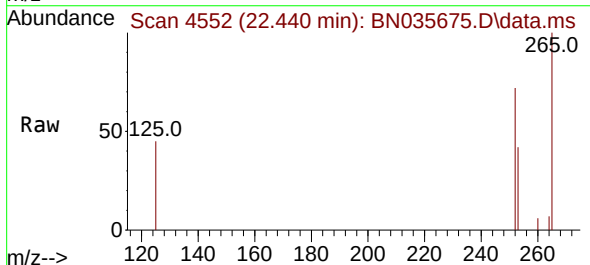
Tgt Ion:252 Resp: 2646

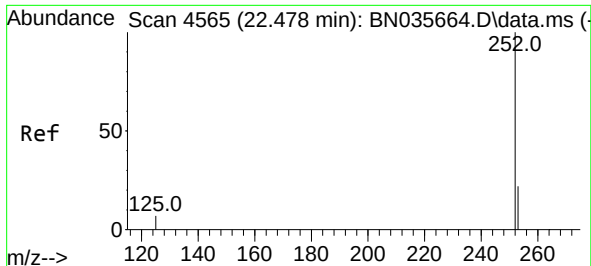
Ion Ratio Lower Upper

252 100

253 58.0 0.0 56.4#

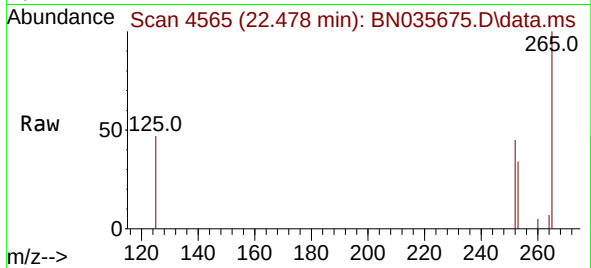
125 61.8 0.0 37.6#





#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035675.D
Acq: 18 Dec 2024 18:07

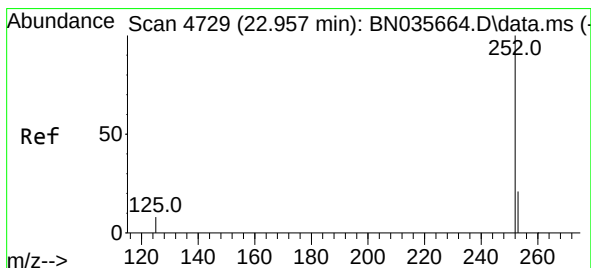
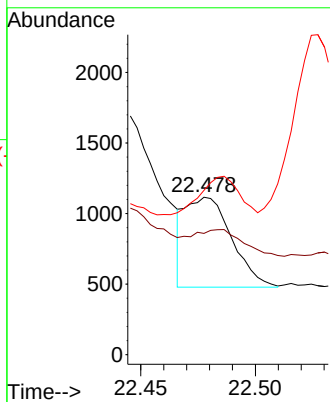
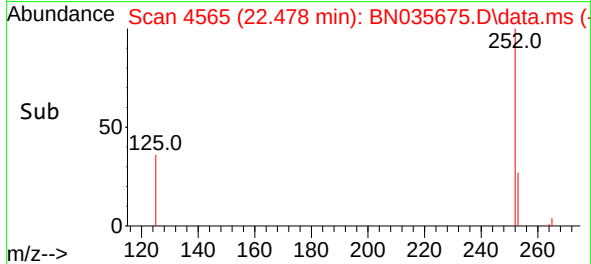
Instrument :
BNA_N
ClientSampleId :
E28Y4



Tgt Ion:252 Resp: 899
Ion Ratio Lower Upper
252 100
253 77.1 22.1 33.1#
125 104.4 15.3 22.9#

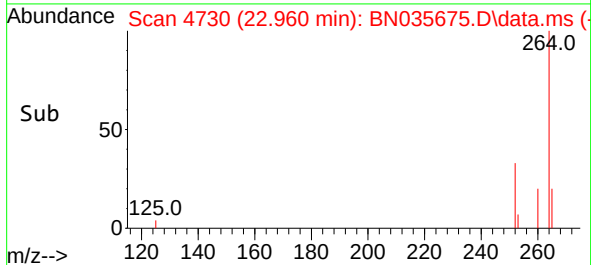
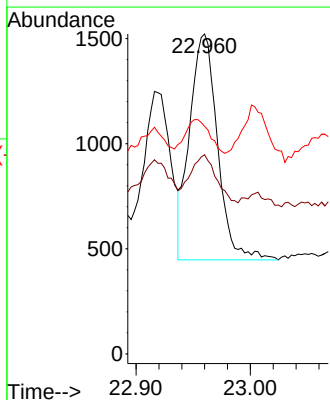
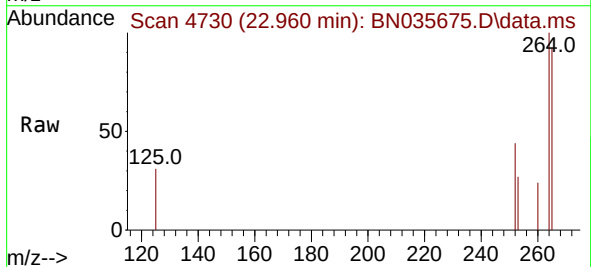
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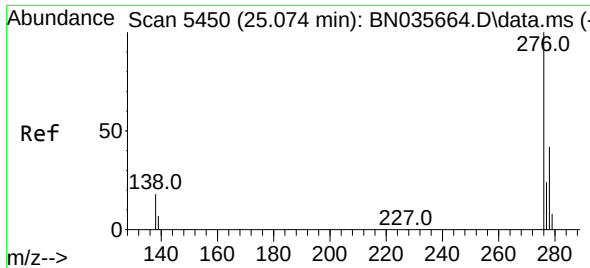
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#26
Benzo(a)pyrene
Concen: 0.057 ng/ul
RT: 22.960 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BN035675.D
Acq: 18 Dec 2024 18:07

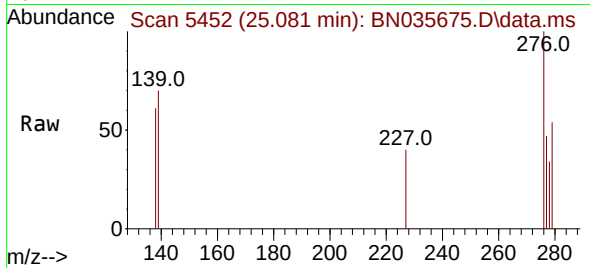
Tgt Ion:252 Resp: 1830
Ion Ratio Lower Upper
252 100
253 62.2 24.1 36.1#
125 71.2 19.1 28.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.081 min Scan# 5450
Delta R.T. 0.000 min
Lab File: BN035675.D
Acq: 18 Dec 2024 18:07

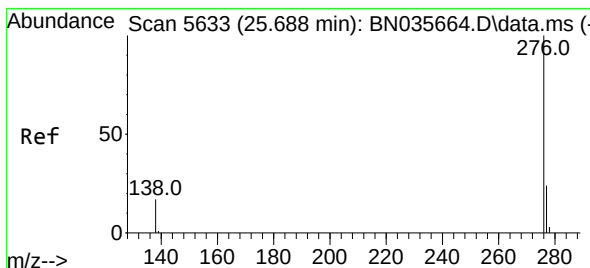
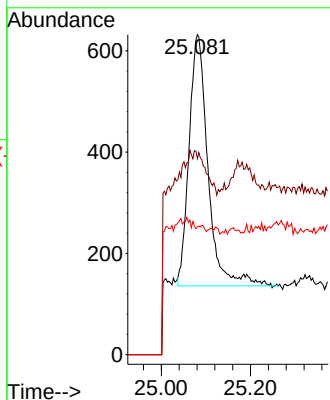
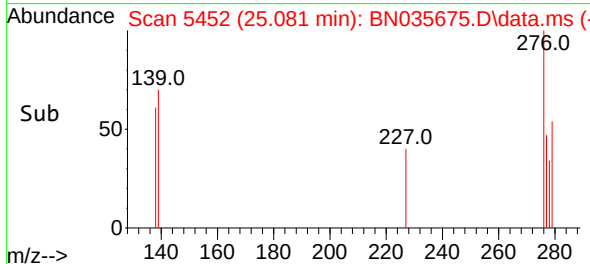
Instrument :
BNA_N
ClientSampleId :
E28Y4



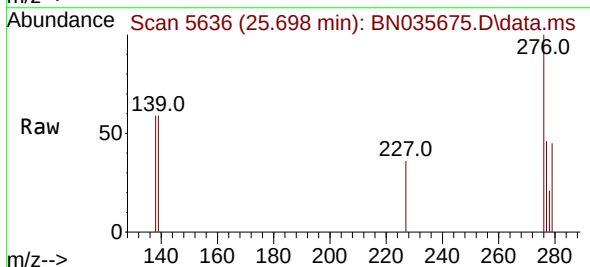
Tgt Ion:276 Resp: 1458
Ion Ratio Lower Upper
276 100
138 0.0 14.7 22.1#
227 0.0 21.6 32.4#

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#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 25.698 min Scan# 5636
Delta R.T. 0.000 min
Lab File: BN035675.D
Acq: 18 Dec 2024 18:07



Tgt Ion:276 Resp: 1665
Ion Ratio Lower Upper
276 100
138 59.2 19.6 29.4#
277 46.1 21.6 32.4#

