

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035676.D
 Acq On : 18 Dec 2024 18:43
 Operator : RC/JU
 Sample : P5258-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Y5

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 01:10:20 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	2311	0.400	ng/ul	0.00
4) Naphthalene-d8	10.026	136	6475	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.940	164	4626	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	9543	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	8041	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	10664	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	8508	4.152	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2254	0.244	ng/ul	0.00
18) Fluoranthene-d10	18.763	212	5156	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.751	178	4588	0.192	ng/ul	96
16) Anthracene	16.844	178	642	0.029	ng/ul#	68
19) Fluoranthene	18.796	202	5716	0.199	ng/ul	97
20) Pyrene	19.163	202	4415m	0.139	ng/ul	
21) Benzo(a)anthracene	20.944	228	2340	0.088	ng/ul#	88
22) Chrysene	20.997	228	2597	0.094	ng/ul#	87
24) Benzo(b)fluoranthene	22.440	252	2760m	0.088	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	941m	0.027	ng/ul	
26) Benzo(a)pyrene	22.954	252	1749	0.057	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	25.074	276	1189	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	25.691	276	1133	0.038	ng/ul#	28

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

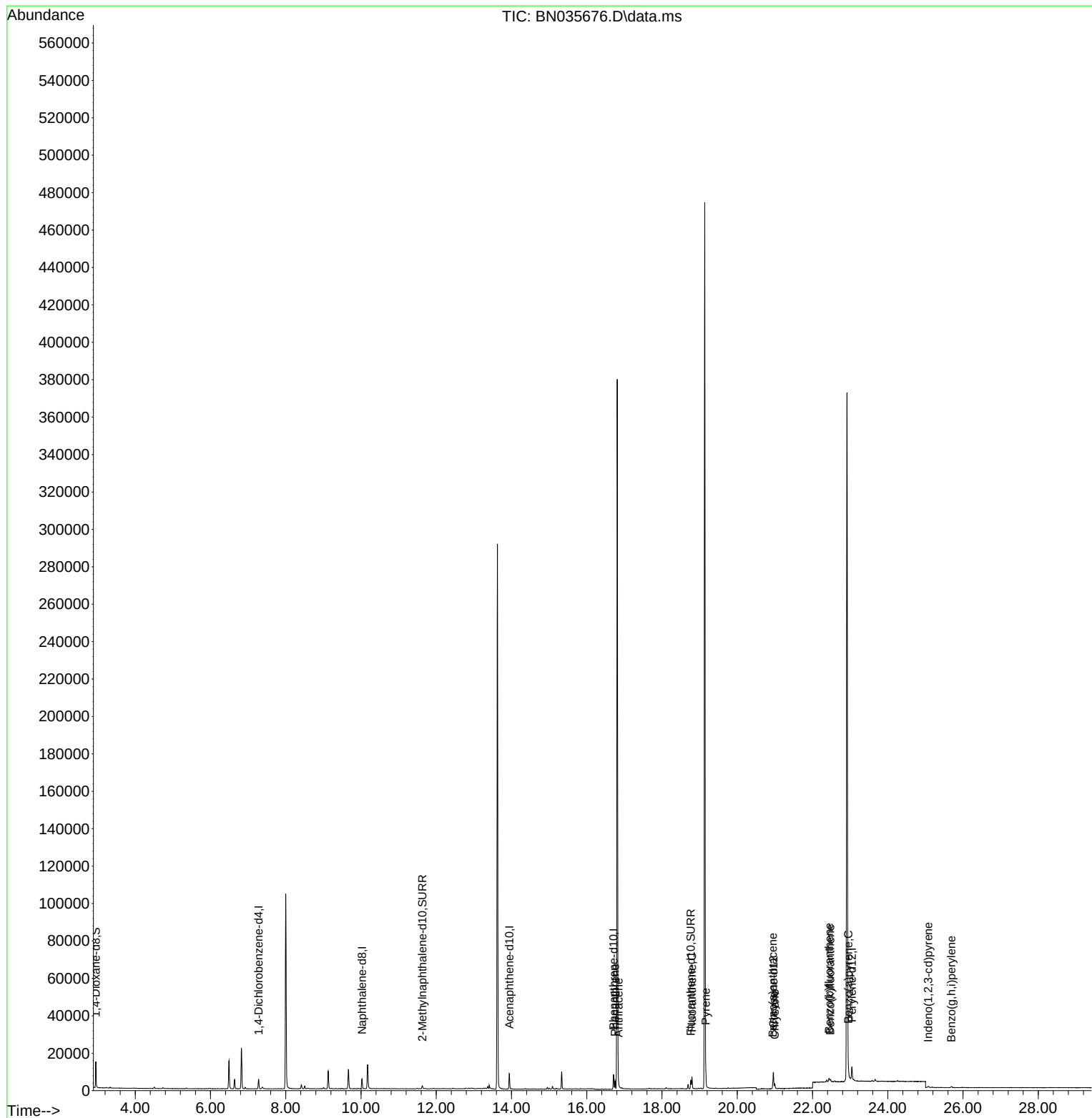
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035676.D
Acq On : 18 Dec 2024 18:43
Operator : RC/JU
Sample : P5258-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

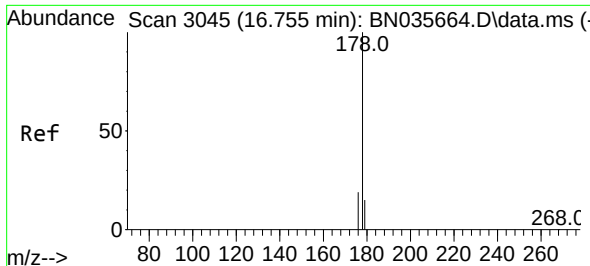
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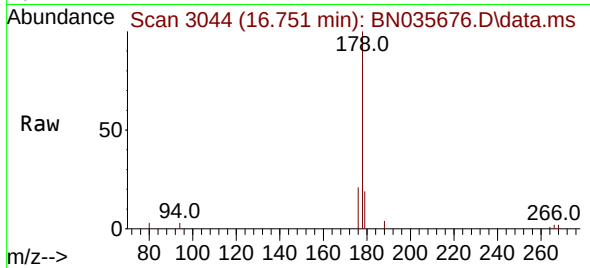
Quant Time: Dec 19 01:10:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#15
Phenanthrene
Concen: 0.192 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035676.D
Acq: 18 Dec 2024 18:43

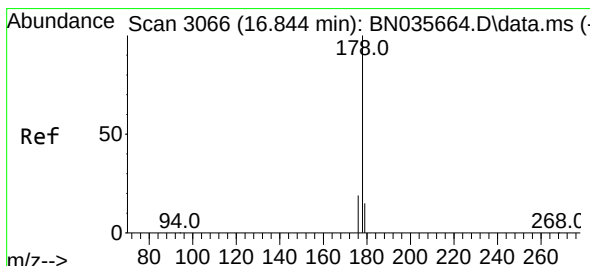
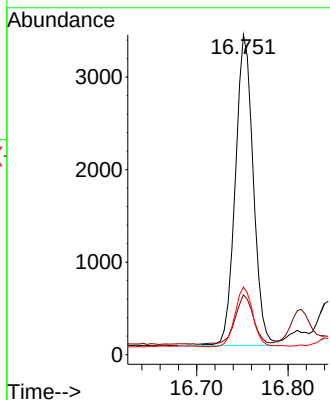
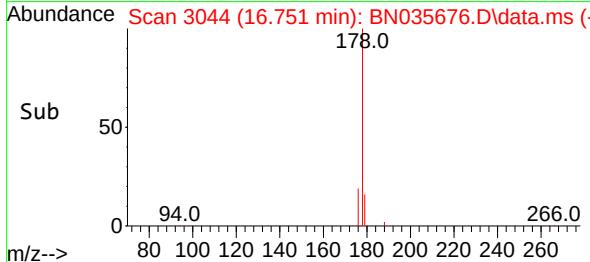
Instrument :
BNA_N
ClientSampleId :
E28Y5



Tgt Ion:178 Resp: 4588
Ion Ratio Lower Upper
178 100
179 18.7 13.3 19.9
176 21.1 15.8 23.8

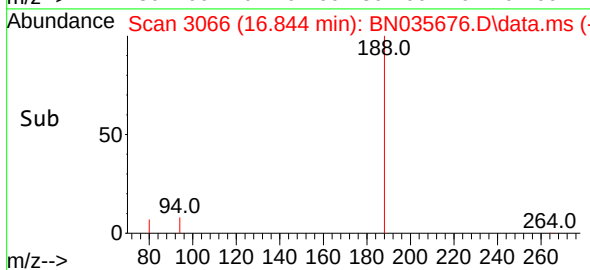
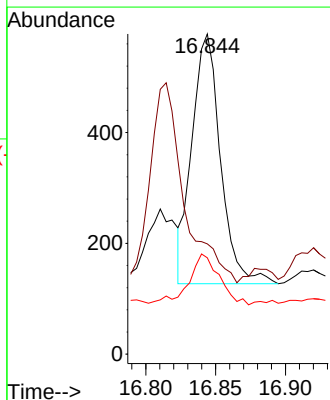
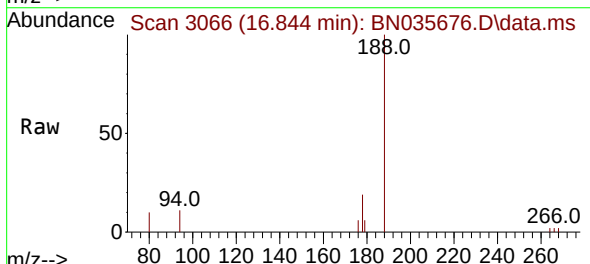
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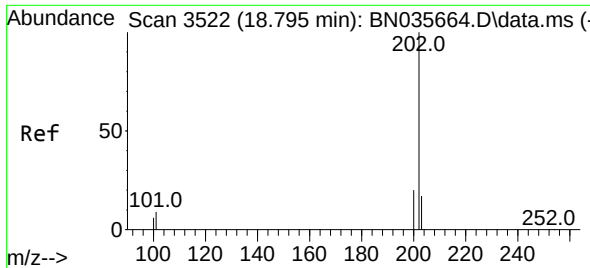
Reviewed By :Yogesh Patel 12/21/2024
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#16
Anthracene
Concen: 0.029 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035676.D
Acq: 18 Dec 2024 18:43

Tgt Ion:178 Resp: 642
Ion Ratio Lower Upper
178 100
179 34.4 13.4 20.0#
176 30.1 15.4 23.0#





#19

Fluoranthene

Concen: 0.199 ng/ul

RT: 18.796 min Scan# 3522

Delta R.T. -0.004 min

Lab File: BN035676.D

Acq: 18 Dec 2024 18:43

Instrument :

BNA_N

ClientSampleId :

E28Y5

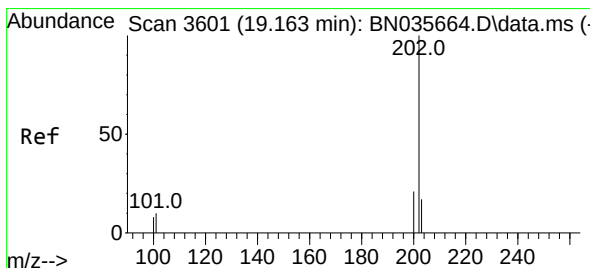
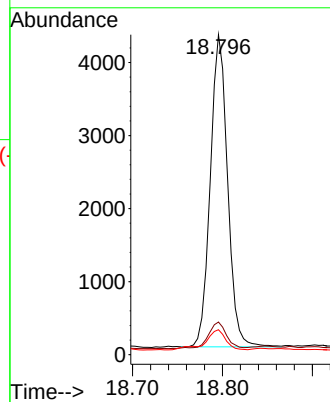
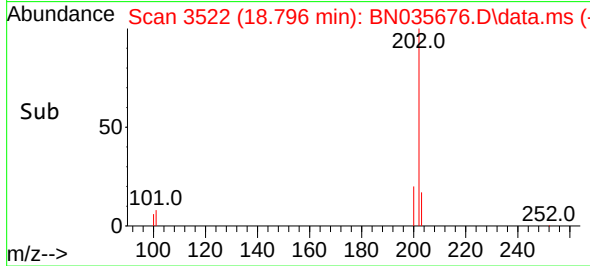
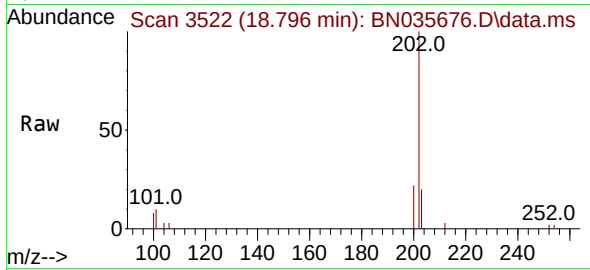
Tgt Ion:	202	Resp:	5710
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.3	10.9
100	7.8	5.4	8.0

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#20

Pyrene

Concen: 0.139 ng/ul m

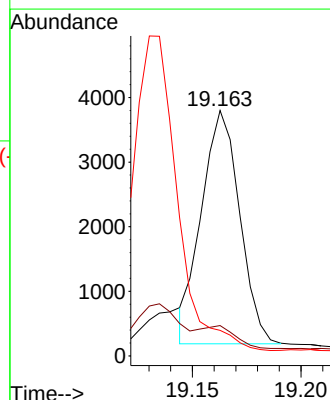
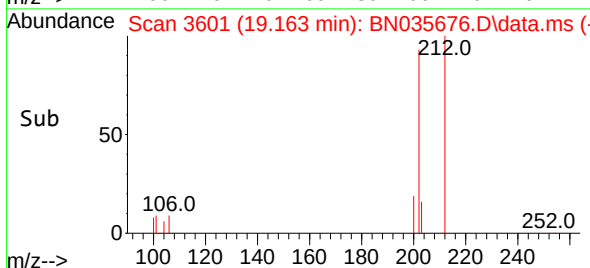
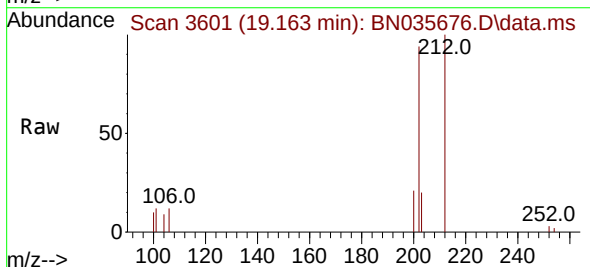
RT: 19.163 min Scan# 3601

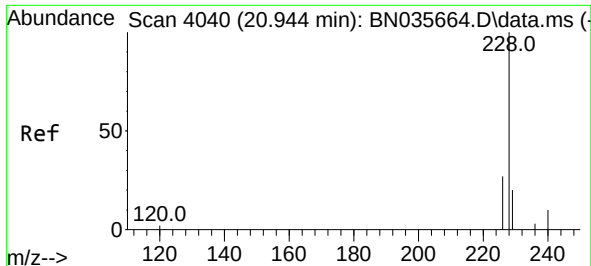
Delta R.T. -0.004 min

Lab File: BN035676.D

Acq: 18 Dec 2024 18:43

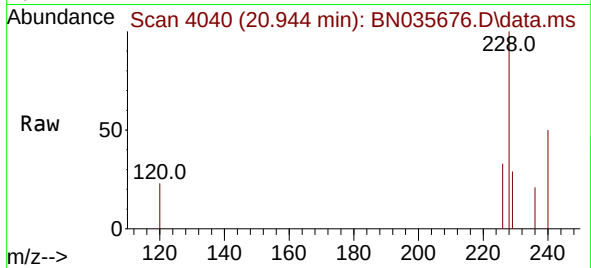
Tgt Ion:	202	Resp:	4415
Ion Ratio	Lower	Upper	
202	100		
101	12.4	8.5	12.7
100	10.4	6.5	9.7#





#21
Benzo(a)anthracene
Concen: 0.088 ng/u1
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035676.D
Acq: 18 Dec 2024 18:43

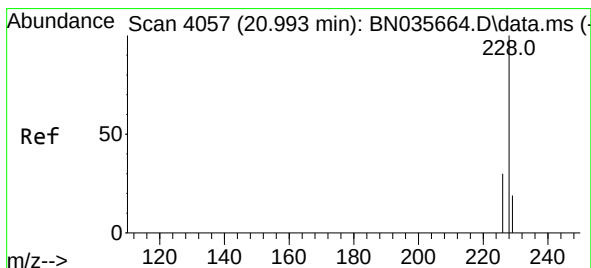
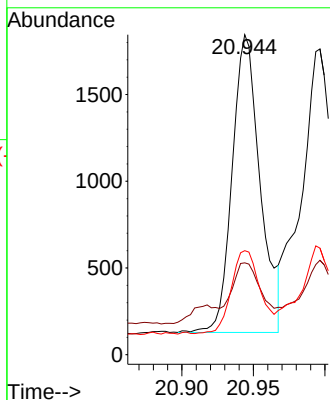
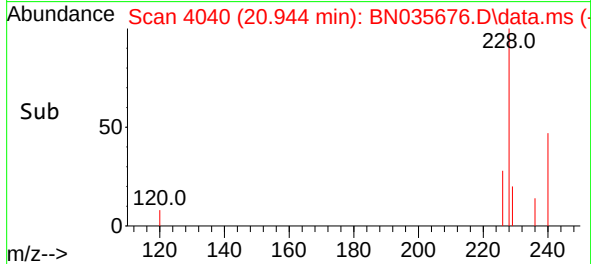
Instrument :
BNA_N
ClientSampleId :
E28Y5



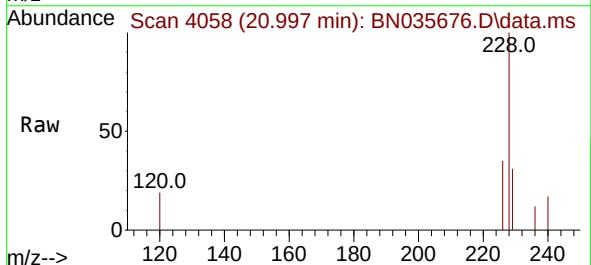
Tgt Ion:228 Resp: 2340
Ion Ratio Lower Upper
228 100
229 28.7 16.6 25.0
226 32.5 22.5 33.7

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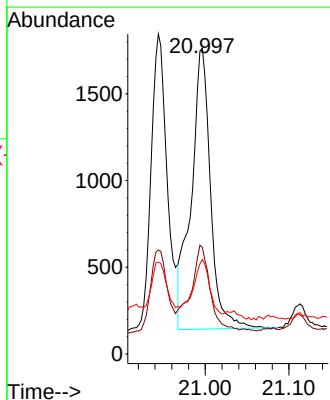
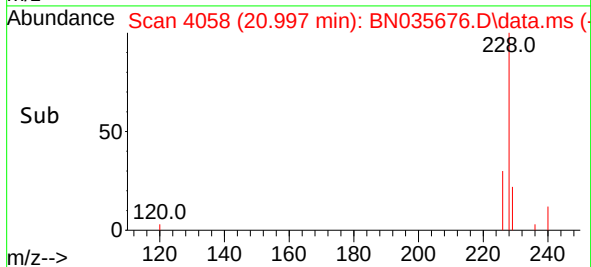
Reviewed By :Yogesh Patel 12/21/2024
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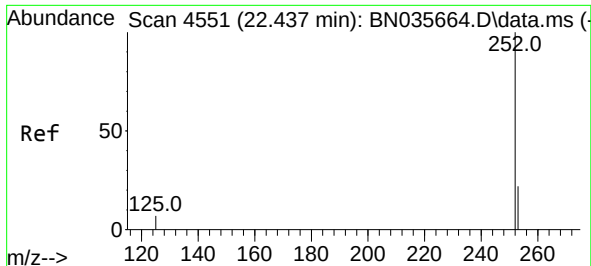


#22
Chrysene
Concen: 0.094 ng/u1
RT: 20.997 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035676.D
Acq: 18 Dec 2024 18:43



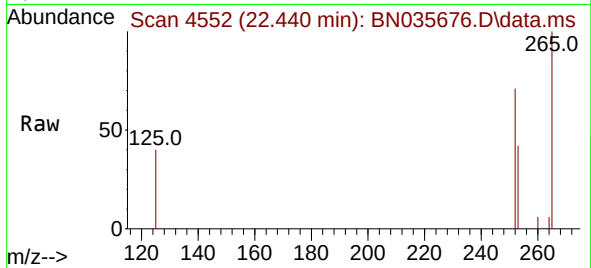
Tgt Ion:228 Resp: 2597
Ion Ratio Lower Upper
228 100
226 34.9 25.1 37.7
229 30.9 16.6 24.8#





#24
Benzo(b)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035676.D
Acq: 18 Dec 2024 18:43

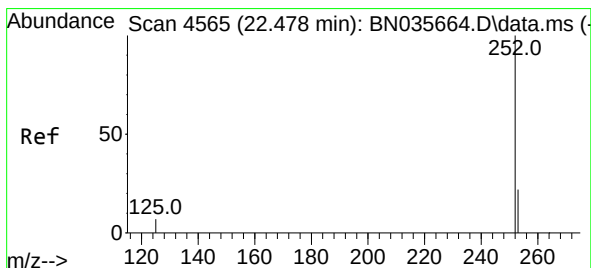
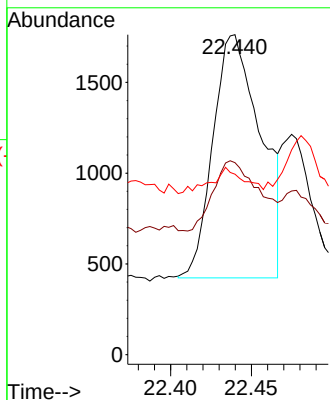
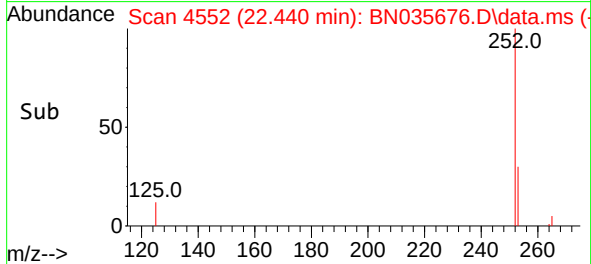
Instrument :
BNA_N
ClientSampleId :
E28Y5



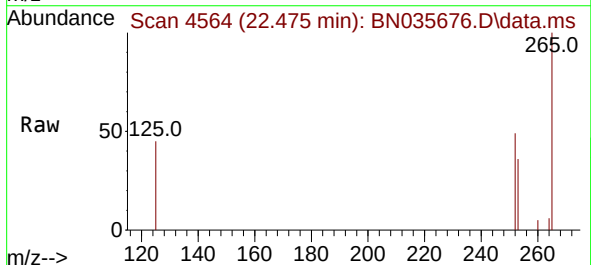
Tgt Ion:252 Resp: 2760
Ion Ratio Lower Upper
252 100
253 60.0 0.0 56.4#
125 56.4 0.0 37.6#

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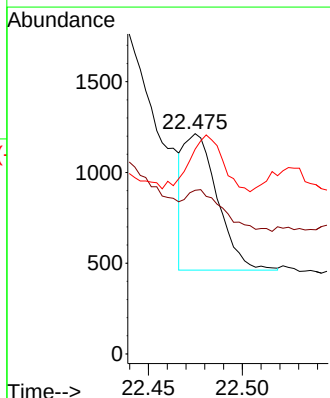
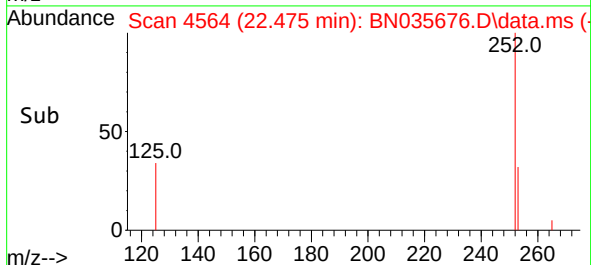
Reviewed By :Yogesh Patel 12/21/2024
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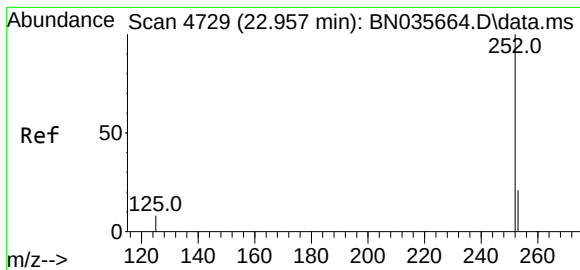


#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035676.D
Acq: 18 Dec 2024 18:43



Tgt Ion:252 Resp: 941
Ion Ratio Lower Upper
252 100
253 74.3 22.1 33.1#
125 92.9 15.3 22.9#





#26

Benzo(a)pyrene

Concen: 0.057 ng/ul

RT: 22.954 min Scan# 4728

Delta R.T. -0.009 min

Lab File: BN035676.D

Acq: 18 Dec 2024 18:43

Instrument :

BNA_N

ClientSampleId :

E28Y5

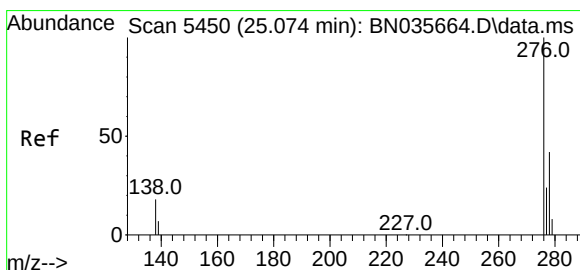
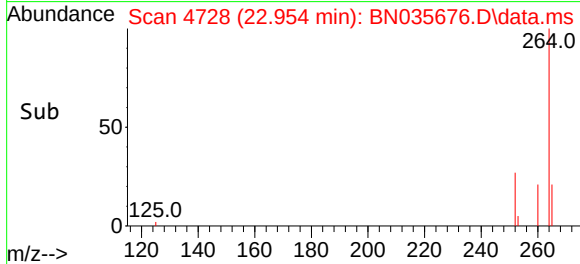
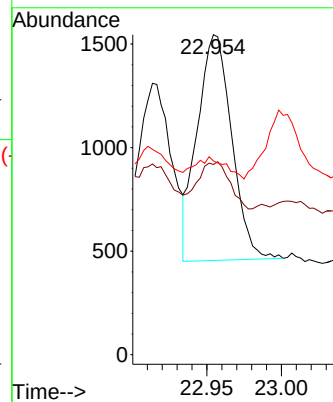
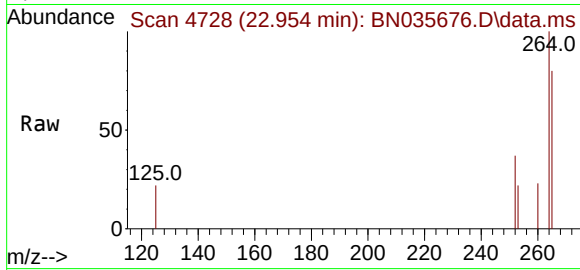
Tgt Ion:	252	Resp:	1749
Ion Ratio	Lower	Upper	
252	100		
253	59.5	24.1	36.1#
125	60.6	19.1	28.7#

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul

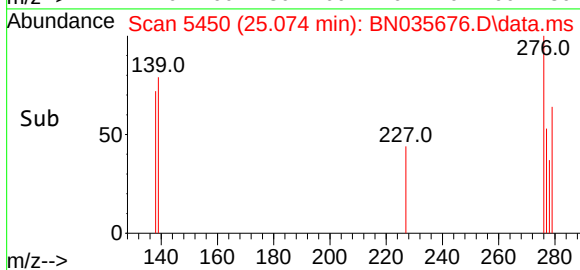
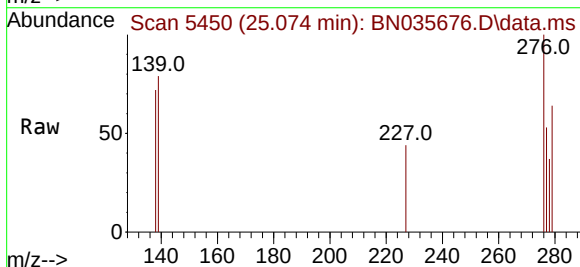
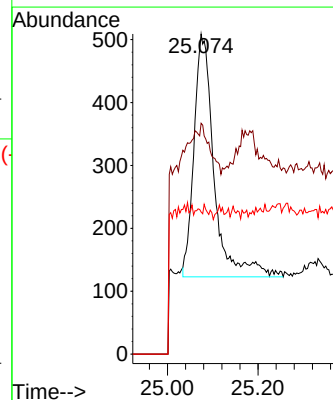
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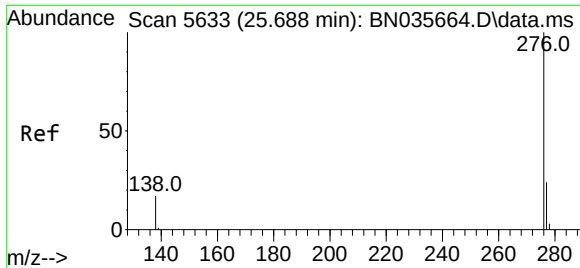
Delta R.T. -0.006 min

Lab File: BN035676.D

Acq: 18 Dec 2024 18:43

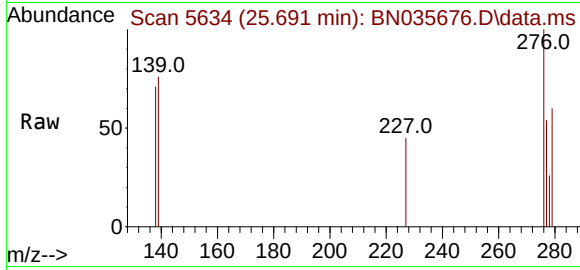
Tgt Ion:	276	Resp:	1189
Ion Ratio	Lower	Upper	
276	100		
138	414.5	14.7	22.1#
227	0.0	21.6	32.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.038 ng/ul
 RT: 25.691 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BN035676.D
 Acq: 18 Dec 2024 18:43

Instrument :
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 ClientSampleId :
 E28Y5



Tgt Ion: 276 Resp: 113

Ion	Ratio	Lower	Upper
276	100		
138	71.0	19.6	29.4
277	53.8	21.6	32.4

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