

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035692.D
 Acq On : 19 Dec 2024 04:54
 Operator : RC/JU
 Sample : P5258-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X6

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 06:51:21 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	7.276	152	2708	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7492	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	5261	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	10208	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	9134	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	11898	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	8236	3.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2125	0.199	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	4423	0.166	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.751	178	935	0.037	ng/ul#	81
19) Fluoranthene	18.791	202	1400	0.043	ng/ul#	84
20) Pyrene	19.158	202	2212m	0.061	ng/ul	
21) Benzo(a)anthracene	20.941	228	1616	0.053	ng/ul#	83
22) Chrysene	20.990	228	2769	0.088	ng/ul#	85
24) Benzo(b)fluoranthene	22.431	252	1796m	0.051	ng/ul	
26) Benzo(a)pyrene	22.948	252	2019	0.059	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	25.067	276	1062	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	25.678	276	1450	0.044	ng/ul#	56

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

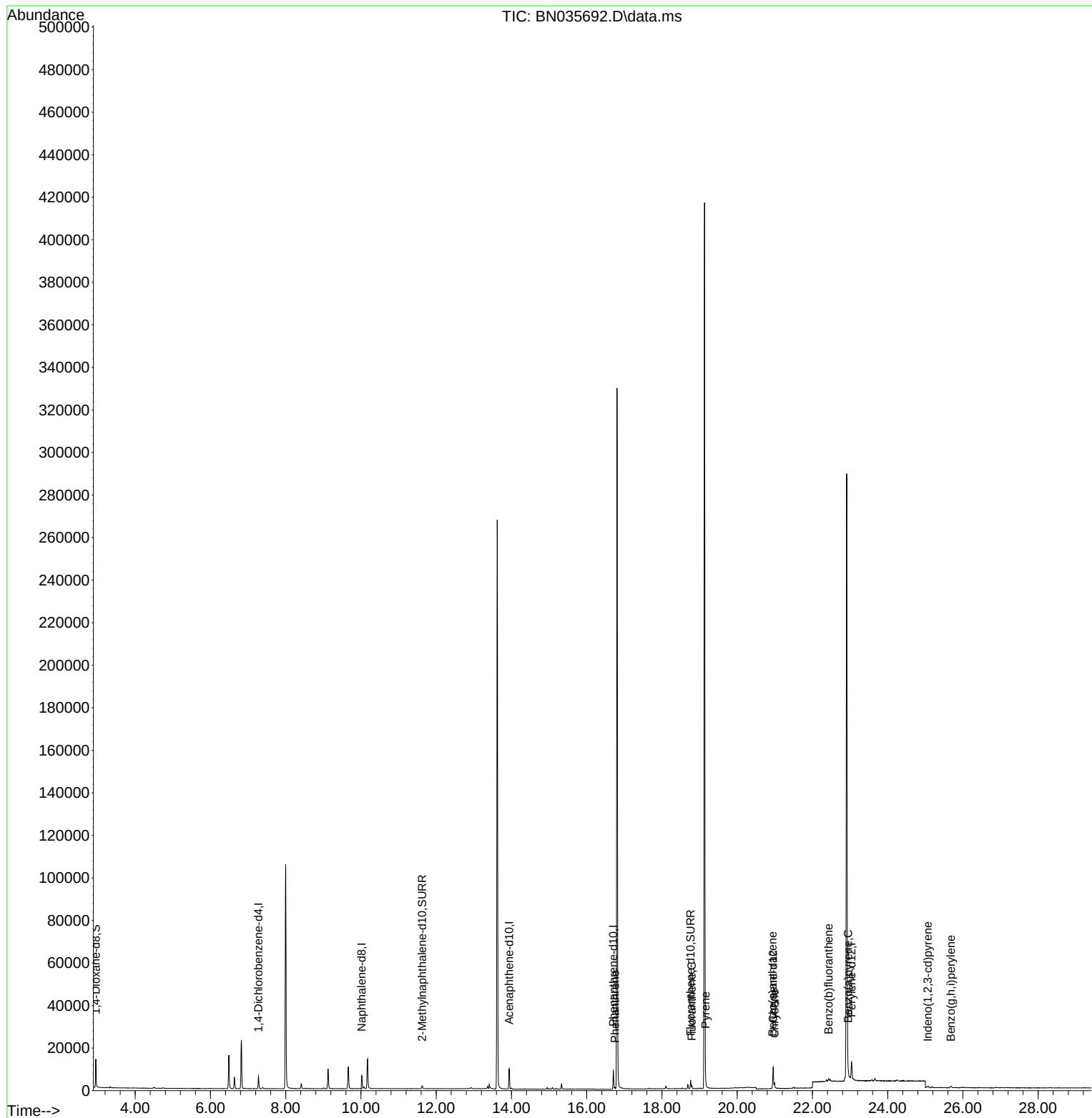
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035692.D
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Sample : P5258-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

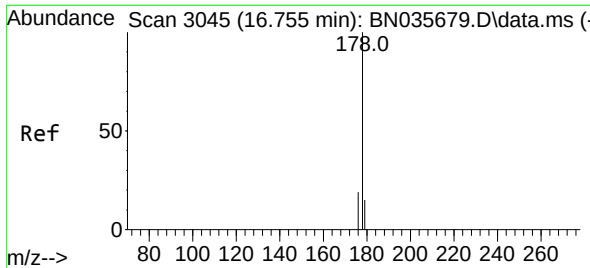
Instrument :
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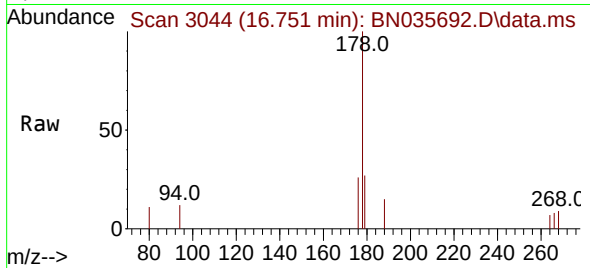
Quant Time: Dec 19 06:51:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#15
Phenanthrene
Concen: 0.037 ng/ul
RT: 16.751 min Scan# 3045
Delta R.T. -0.008 min
Lab File: BN035692.D
Acq: 19 Dec 2024 04:54

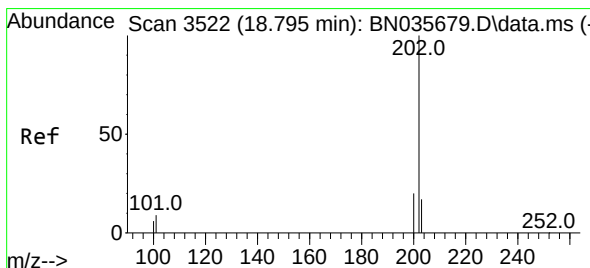
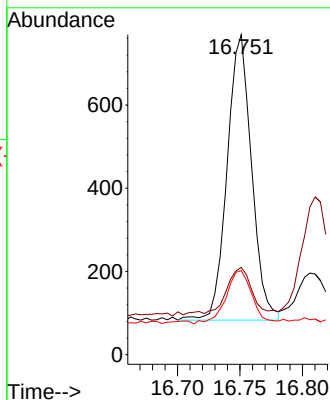
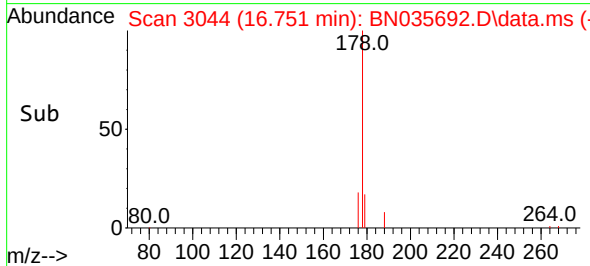
Instrument :
BNA_N
ClientSampleId :
E28X6



Tgt Ion:178 Resp: 935
Ion Ratio Lower Upper
178 100
179 27.3 13.3 19.9#
176 26.3 15.8 23.8#

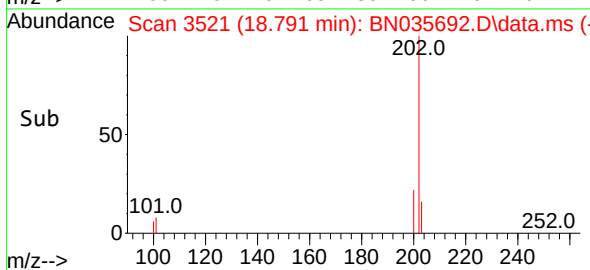
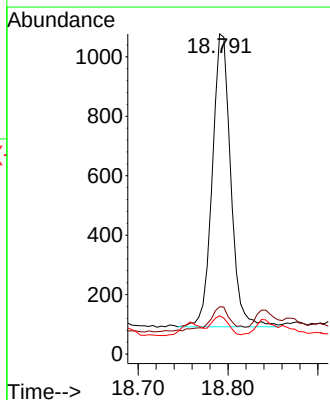
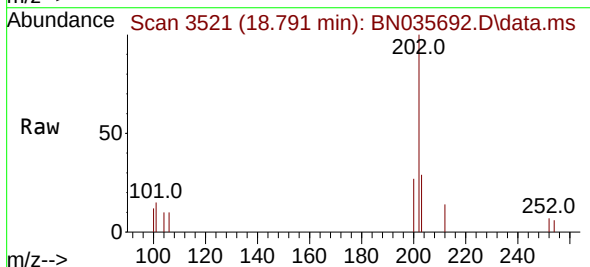
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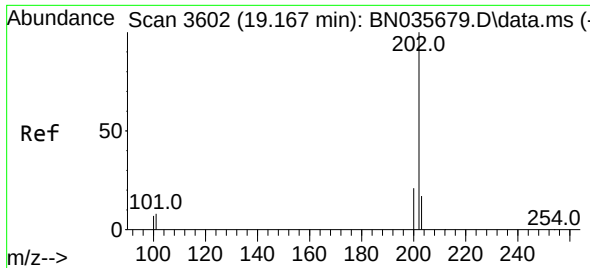
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#19
Fluoranthene
Concen: 0.043 ng/ul
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035692.D
Acq: 19 Dec 2024 04:54

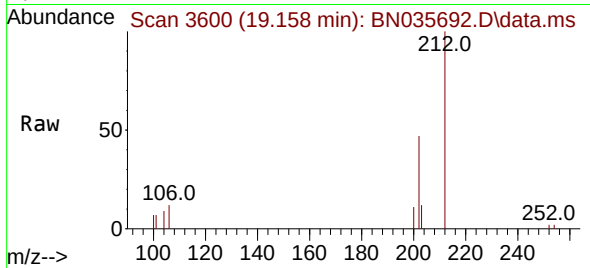
Tgt Ion:202 Resp: 1400
Ion Ratio Lower Upper
202 100
101 14.8 7.3 10.9#
100 12.0 5.4 8.0#





#20
Pyrene
Concen: 0.061 ng/ul m
RT: 19.158 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN035692.D
Acq: 19 Dec 2024 04:54

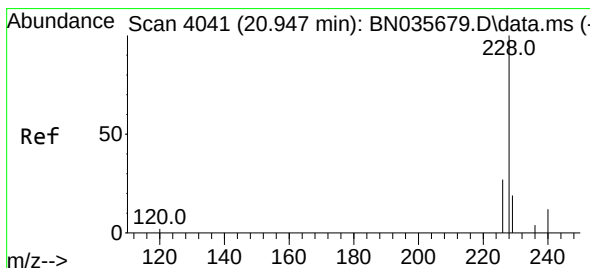
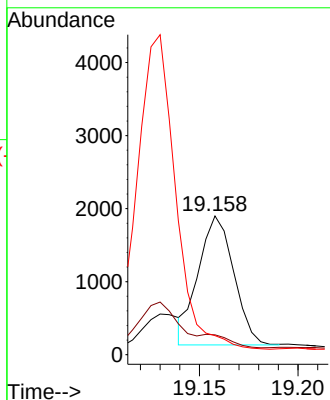
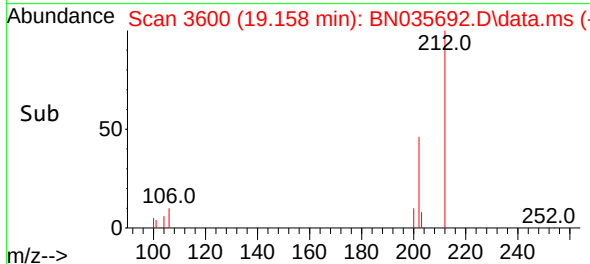
Instrument :
BNA_N
ClientSampleId :
E28X6



Tgt Ion:202 Resp: 221
Ion Ratio Lower Upper
202 100
101 14.4 8.5 12.7
100 13.7 6.5 9.7

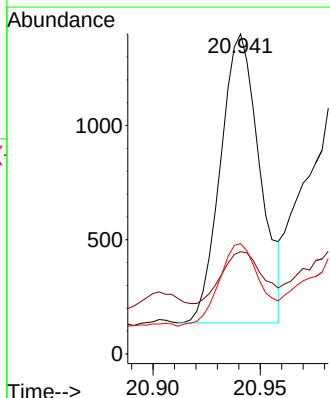
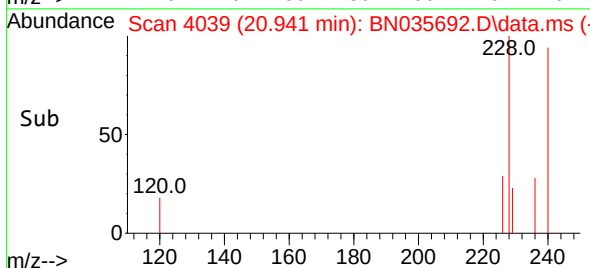
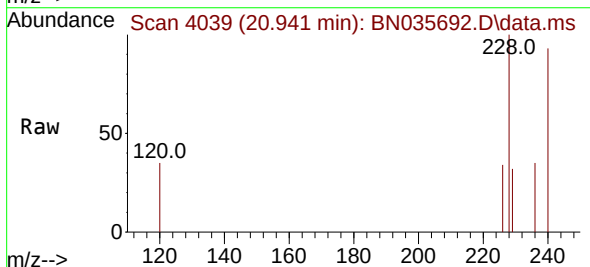
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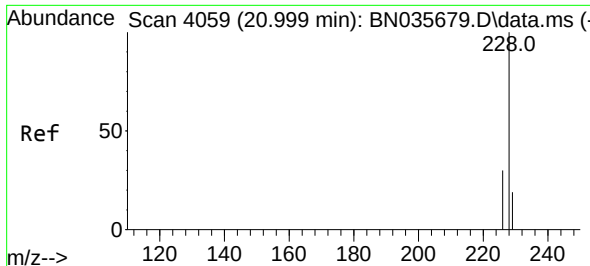
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#21
Benzo(a)anthracene
Concen: 0.053 ng/ul
RT: 20.941 min Scan# 4039
Delta R.T. -0.009 min
Lab File: BN035692.D
Acq: 19 Dec 2024 04:54

Tgt Ion:228 Resp: 1616
Ion Ratio Lower Upper
228 100
229 32.0 16.6 25.0#
226 34.5 22.5 33.7#





#22

Chrysene

Concen: 0.088 ng/ul

RT: 20.990 min Scan# 4059

Delta R.T. -0.009 min

Lab File: BN035692.D

Acq: 19 Dec 2024 04:54

Instrument :

BNA_N

ClientSampleId :

E28X6

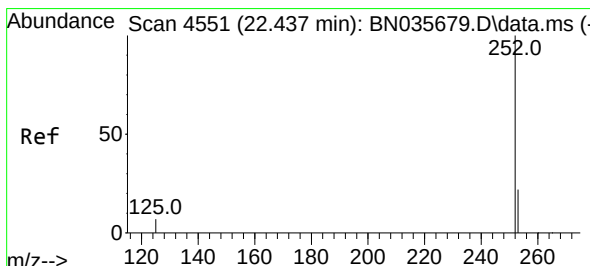
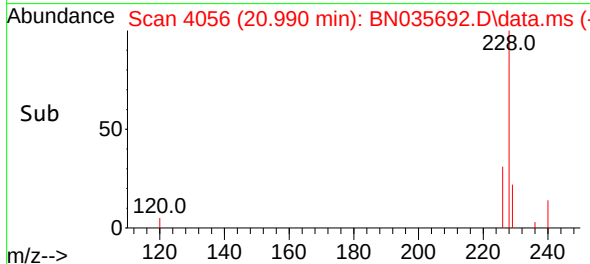
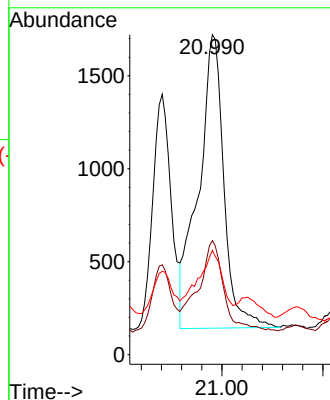
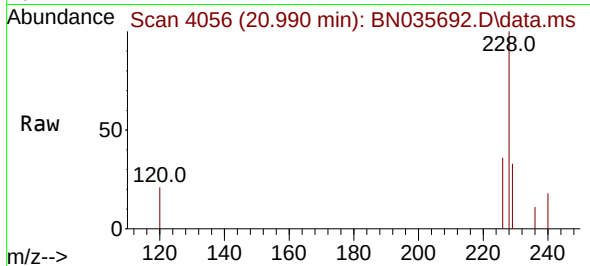
Tgt Ion:228	Resp:	2769
Ion Ratio	Lower	Upper
228	100	
226	35.6	25.1 37.7
229	32.6	16.6 24.8

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#24

Benzo(b)fluoranthene

Concen: 0.051 ng/ul m

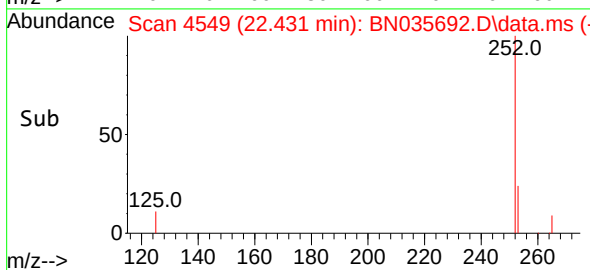
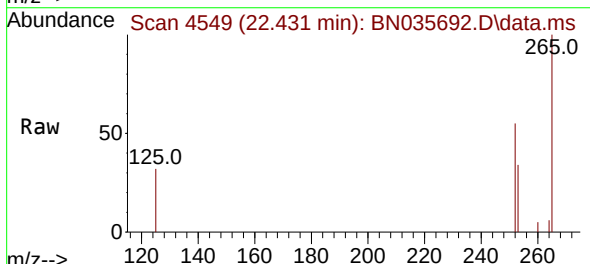
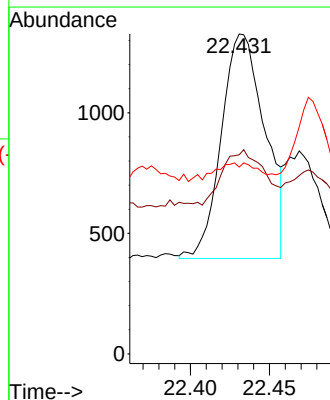
RT: 22.431 min Scan# 4549

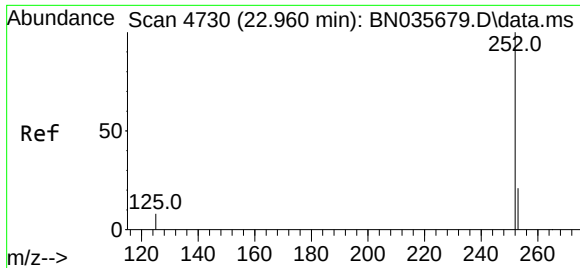
Delta R.T. -0.012 min

Lab File: BN035692.D

Acq: 19 Dec 2024 04:54

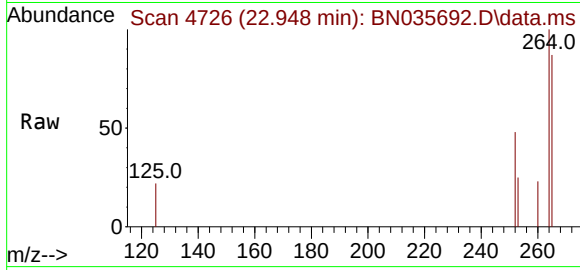
Tgt Ion:252	Resp:	1796
Ion Ratio	Lower	Upper
252	100	
253	62.2	0.0 56.4#
125	58.4	0.0 37.6#





#26
Benzo(a)pyrene
Concen: 0.059 ng/ul
RT: 22.948 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN035692.D
Acq: 19 Dec 2024 04:54

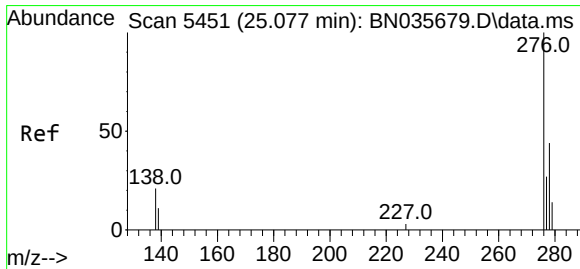
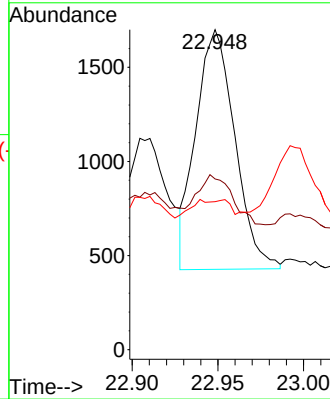
Instrument :
BNA_N
ClientSampleId :
E28X6



Tgt Ion:	252	Resp:	2019
Ion Ratio	Lower	Upper	
252	100		
253	53.4	24.1	36.1#
125	46.2	19.1	28.7#

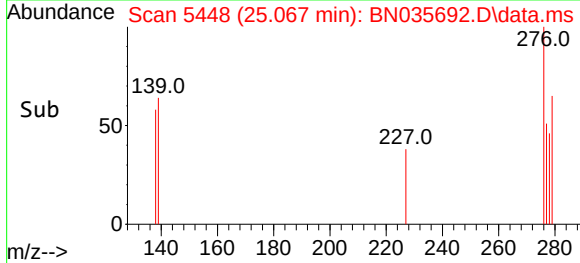
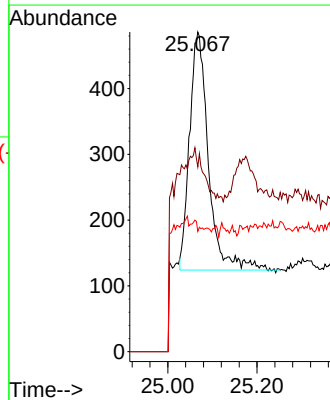
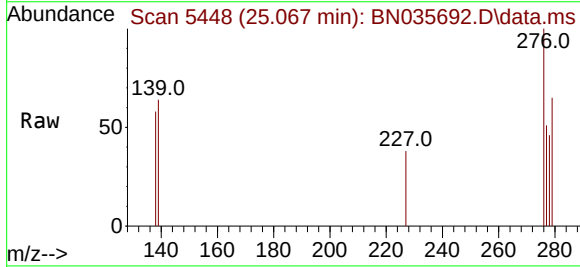
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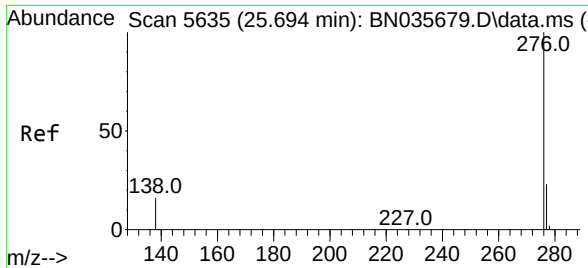
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng/ul
RT: 25.067 min Scan# 5448
Delta R.T. -0.013 min
Lab File: BN035692.D
Acq: 19 Dec 2024 04:54

Tgt Ion:	276	Resp:	1062
Ion Ratio	Lower	Upper	
276	100		
138	364.8	14.7	22.1#
227	0.0	21.6	32.4#





#29

Benzo(g,h,i)perylene

Concen: 0.044 ng/ul

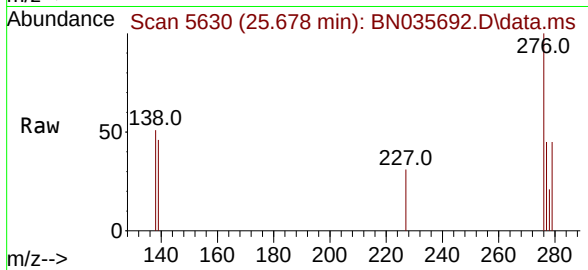
RT: 25.678 min Scan# 5630

Delta R.T. -0.020 min

Lab File: BN035692.D

Acq: 19 Dec 2024 04:54

Instrument :
BNA_N
ClientSampleId :
E28X6



Tgt Ion:276 Resp: 1450

Ion	Ratio	Lower	Upper
276	100		
138	51.5	19.6	29.4
277	45.5	21.6	32.4

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