

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036290.D
 Acq On : 05 Feb 2025 10:18
 Operator : RC/JU
 Sample : Q1202-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29A8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 11:17:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	3501	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.567	136	8653	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.413	164	4957	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.158	188	9231m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.346	240	6502	0.400	ng/ul	#-0.02
23) Perylene-d12	23.631	264	6239m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	16308	4.254	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.161	152	3418	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.187	212	7941	0.444	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	17.200	178	707	0.026	ng/ul#	74
16) Anthracene	17.293	178	1646	0.066	ng/ul#	85
19) Fluoranthene	19.220	202	973	0.039	ng/ul#	75
20) Pyrene	19.583	202	810	0.031	ng/ul#	67
21) Benzo(a)anthracene	21.331	228	652	0.028	ng/ul#	77
22) Chrysene	21.384	228	634	0.027	ng/ul#	75
24) Benzo(b)fluoranthene	22.944	252	681	0.033	ng/ul#	1
25) Benzo(k)fluoranthene	22.985	252	551	0.025	ng/ul#	1
26) Benzo(a)pyrene	23.526	252	427	0.023	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.955	276	542	0.022	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.975	278	407	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.662	276	459	0.024	ng/ul#	24

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

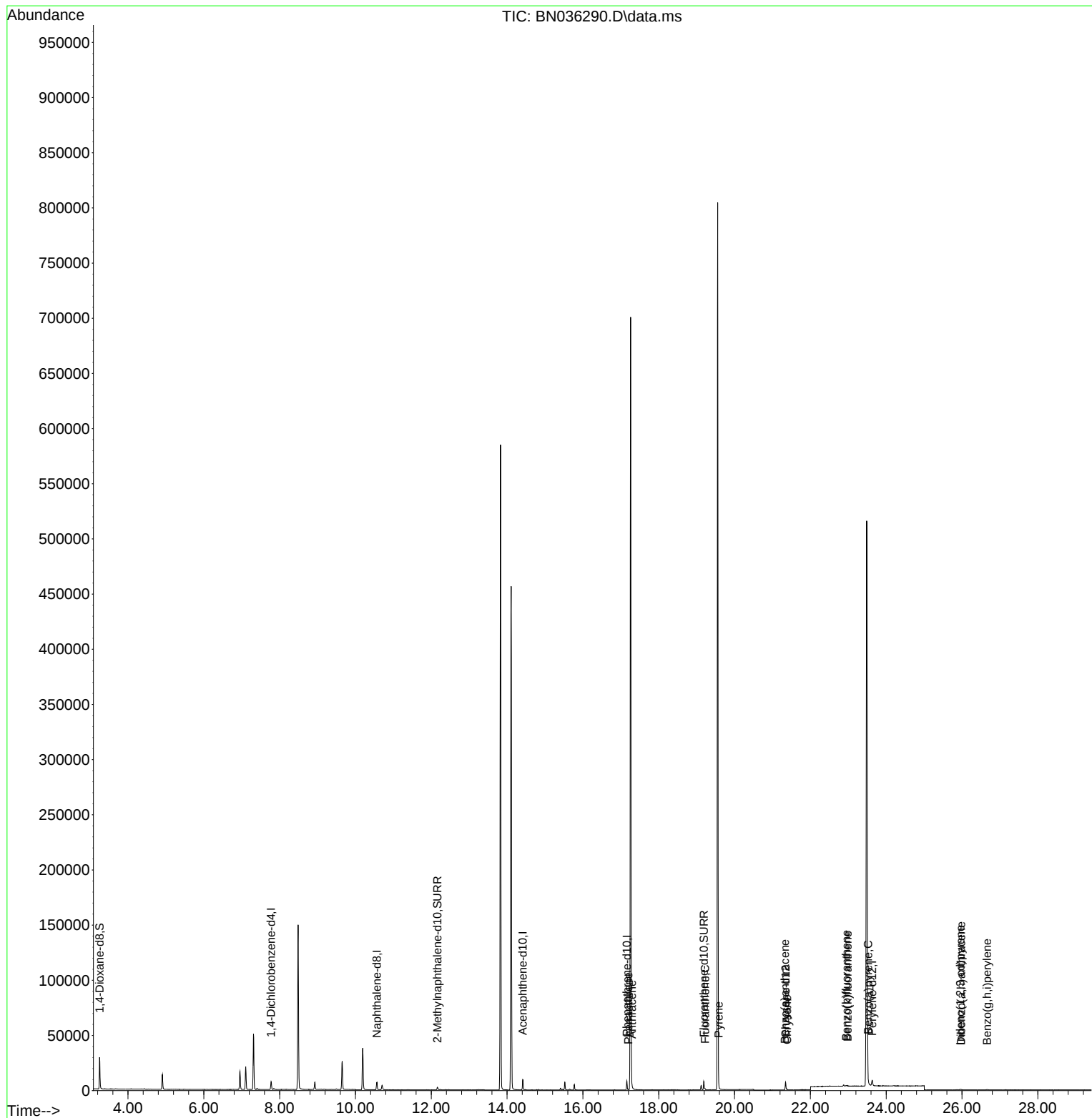
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036290.D
Acq On : 05 Feb 2025 10:18
Operator : RC/JU
Sample : Q1202-16
Misc :
ALS Vial : 38 Sample Multiplier: 1

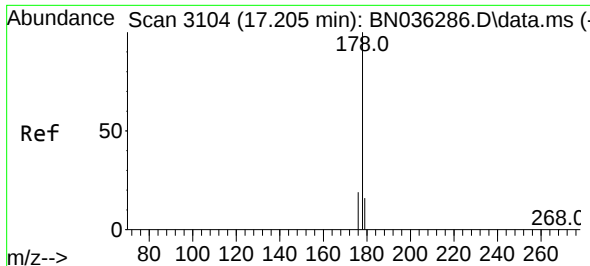
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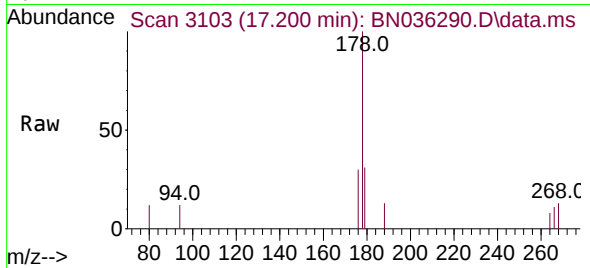
Quant Time: Feb 05 11:17:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.026 ng/ul
RT: 17.200 min Scan# 3103
Delta R.T. -0.013 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

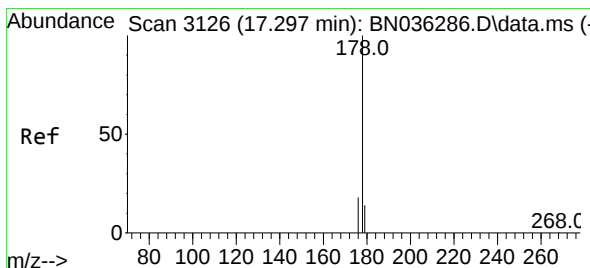
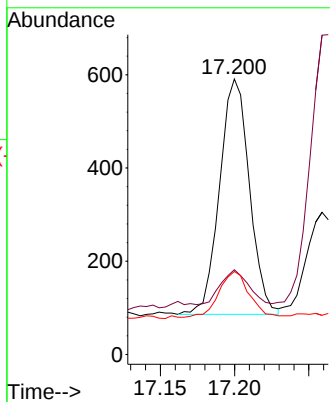
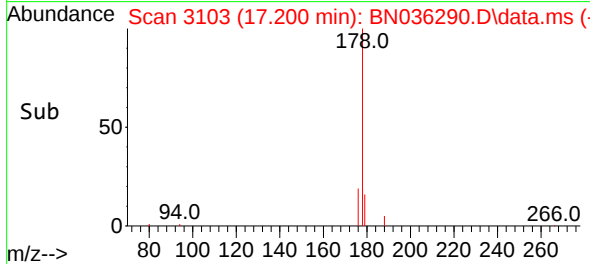
Instrument :
BNA_N
ClientSampleId :
E29A8



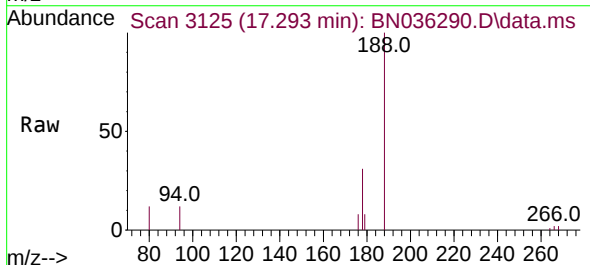
Tgt Ion:178 Resp: 707
Ion Ratio Lower Upper
178 100
179 30.8 13.2 19.8#
176 30.1 16.8 25.2#

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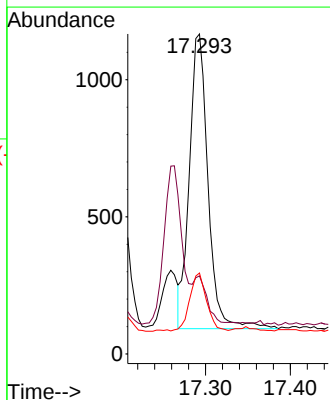
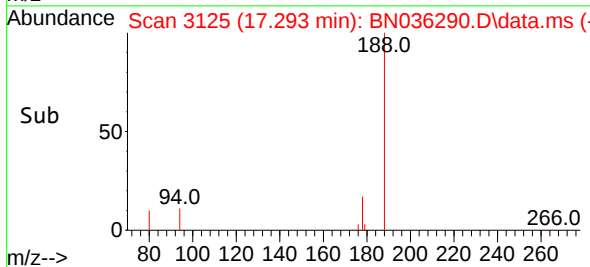
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

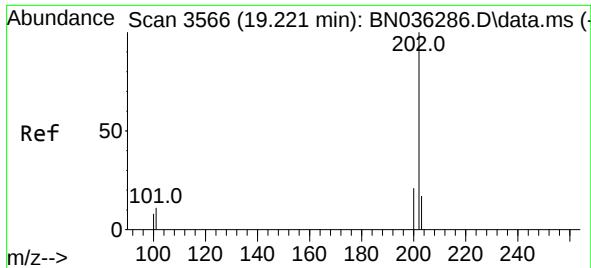


#16
Anthracene
Concen: 0.066 ng/ul
RT: 17.293 min Scan# 3125
Delta R.T. -0.013 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18



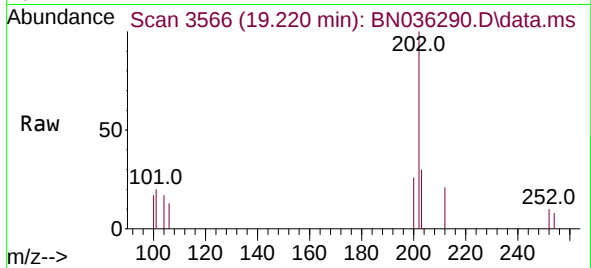
Tgt Ion:178 Resp: 1646
Ion Ratio Lower Upper
178 100
179 24.4 13.0 19.4#
176 25.3 15.9 23.9#





#19
Fluoranthene
Concen: 0.039 ng/u1
RT: 19.220 min Scan# 3566
Delta R.T. -0.014 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

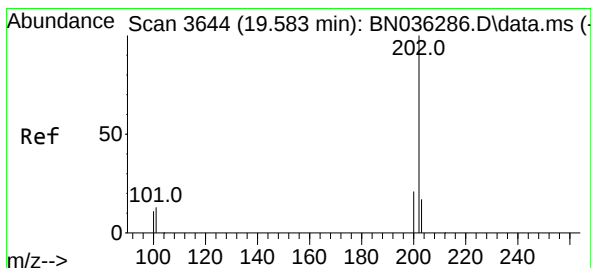
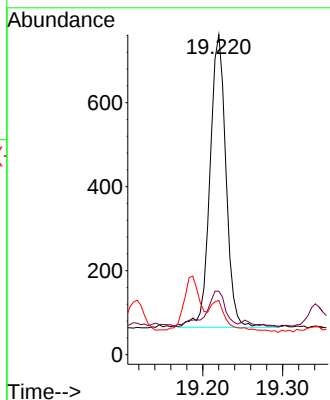
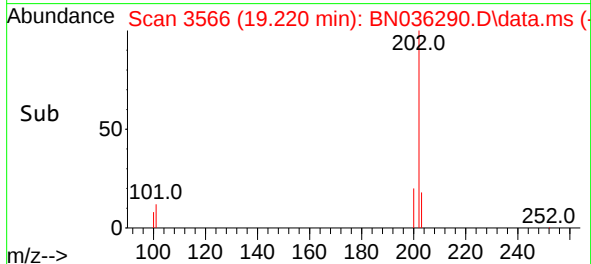
Instrument :
BNA_N
ClientSampleId :
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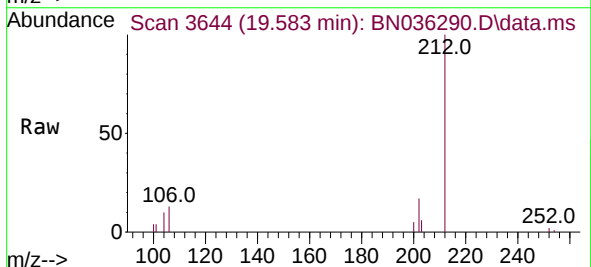
Tgt Ion:202 Resp: 97
Ion Ratio Lower Upper
202 100
101 19.8 8.4 12.6
100 16.9 6.5 9.7

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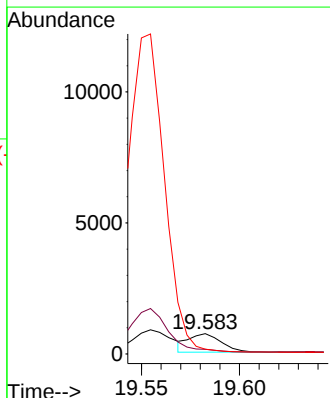
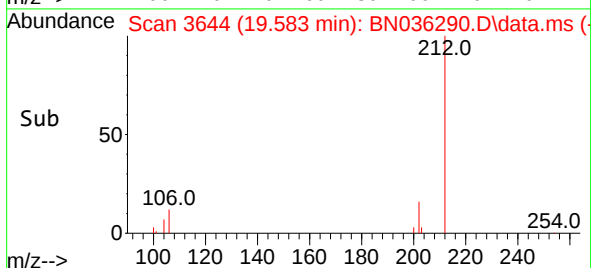
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

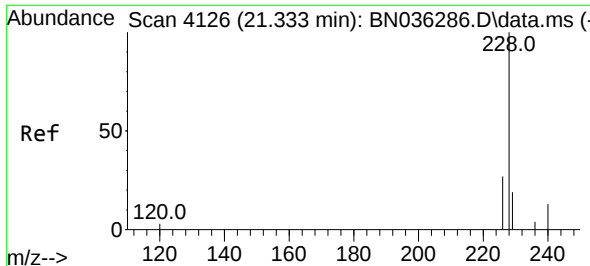


#20
Pyrene
Concen: 0.031 ng/u1
RT: 19.583 min Scan# 3644
Delta R.T. -0.014 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18



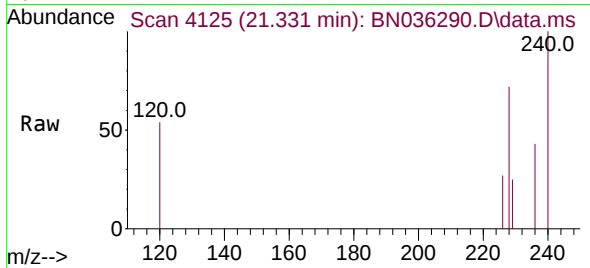
Tgt Ion:202 Resp: 810
Ion Ratio Lower Upper
202 100
101 22.6 9.3 13.9#
100 23.7 7.5 11.3#





#21
Benzo(a)anthracene
Concen: 0.028 ng/u1
RT: 21.331 min Scan# 4126
Delta R.T. -0.014 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

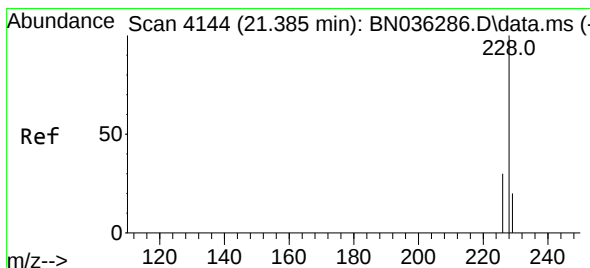
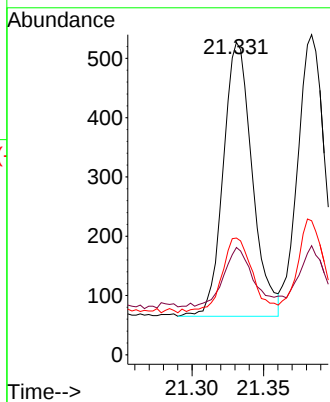
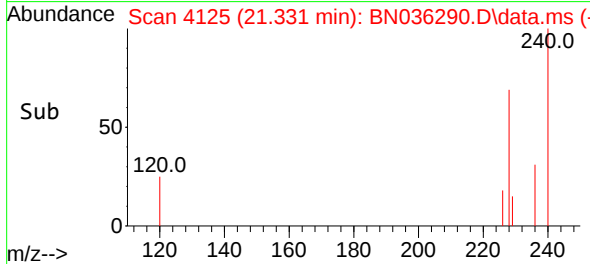
Instrument :
BNA_N
ClientSampleId :
E29A8



Tgt Ion:228 Resp: 652
Ion Ratio Lower Upper
228 100
229 34.3 15.9 23.9#
226 37.4 22.8 34.2#

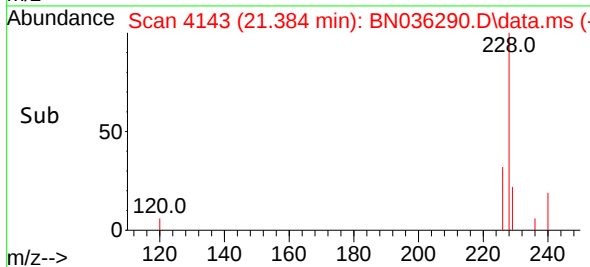
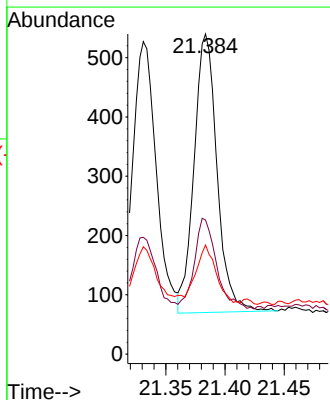
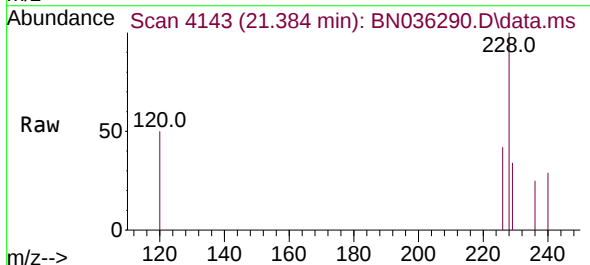
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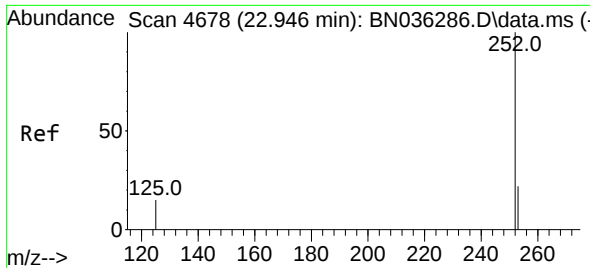
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#22
Chrysene
Concen: 0.027 ng/u1
RT: 21.384 min Scan# 4143
Delta R.T. -0.014 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

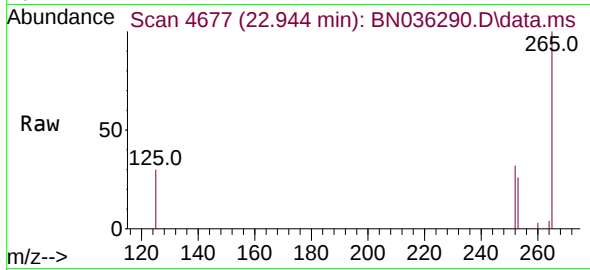
Tgt Ion:228 Resp: 634
Ion Ratio Lower Upper
228 100
226 41.9 24.4 36.6#
229 34.1 15.9 23.9#





#24
Benzo(b)fluoranthene
Concen: 0.033 ng/ul
RT: 22.944 min Scan# 4678
Delta R.T. -0.017 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

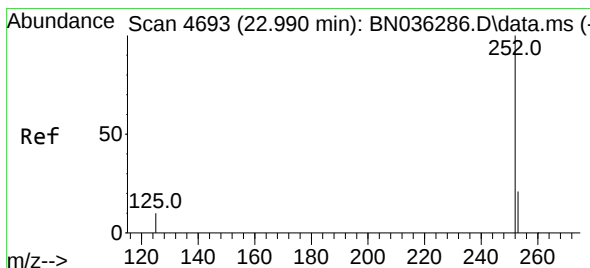
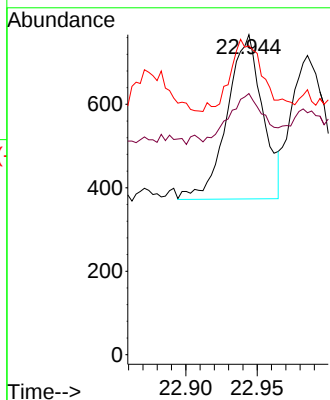
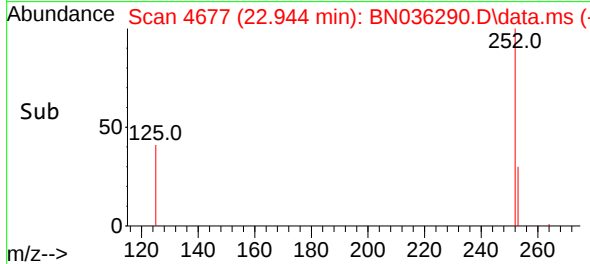
Instrument :
BNA_N
ClientSampleId :
E29A8



Tgt Ion:252 Resp: 683
Ion Ratio Lower Upper
252 100
253 81.6 0.0 51.2
125 96.5 0.0 27.8

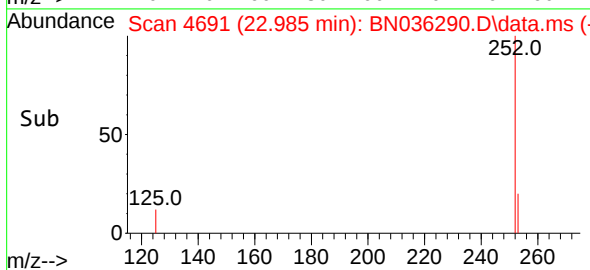
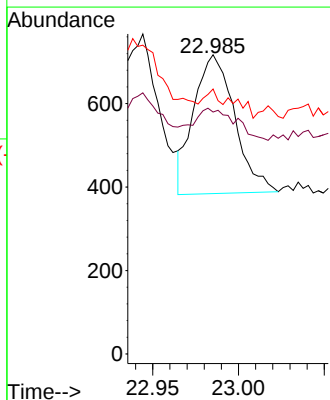
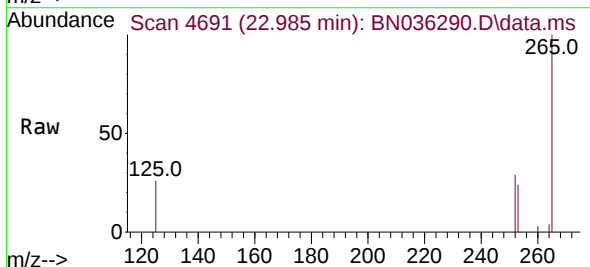
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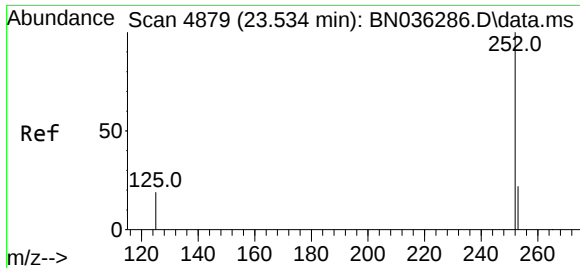
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul
RT: 22.985 min Scan# 4691
Delta R.T. -0.023 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

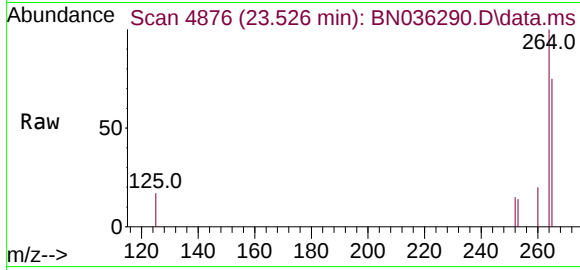
Tgt Ion:252 Resp: 551
Ion Ratio Lower Upper
252 100
253 80.9 20.2 30.4#
125 88.6 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.023 ng/ul
RT: 23.526 min Scan# 4879
Delta R.T. -0.029 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

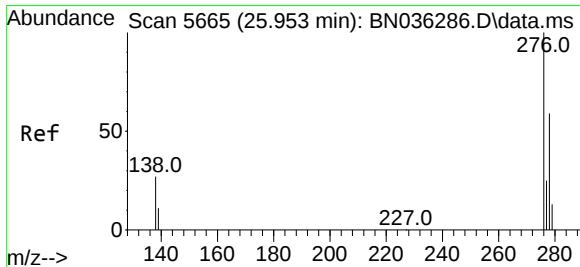
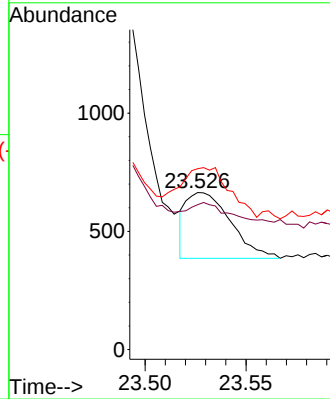
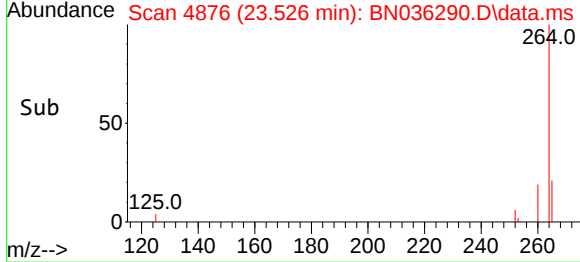
Instrument :
BNA_N
ClientSampleId :
E29A8



Tgt Ion:	252	Resp:	42
Ion Ratio	Lower	Upper	
252	100		
253	92.3	22.2	33.4
125	115.2	13.1	19.7

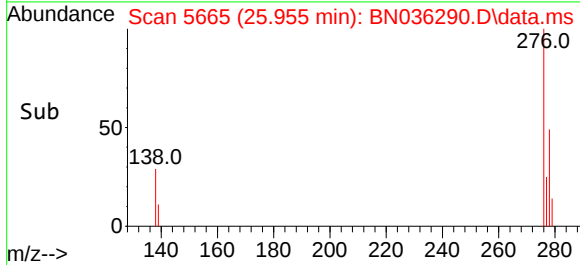
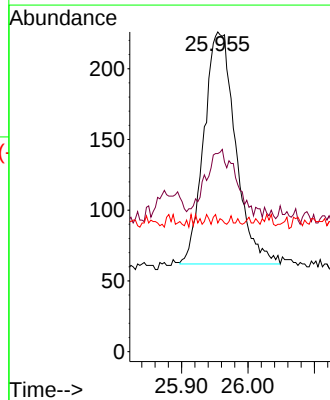
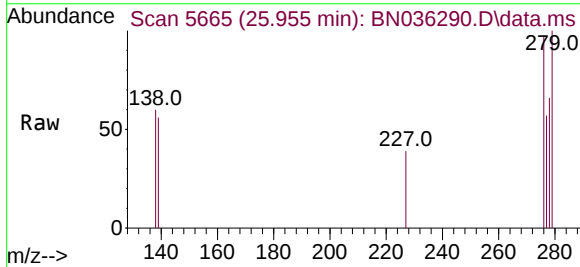
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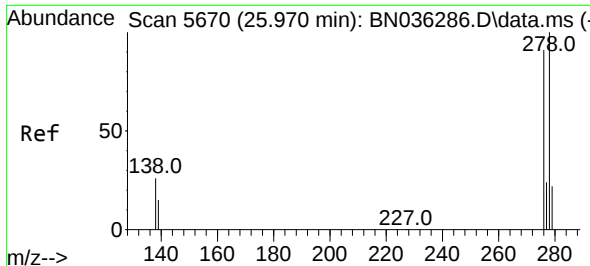
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 25.955 min Scan# 5665
Delta R.T. -0.033 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

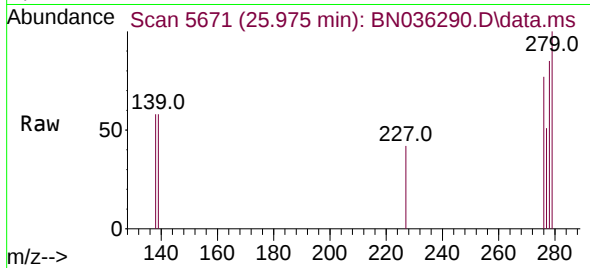
Tgt Ion:	276	Resp:	542
Ion Ratio	Lower	Upper	
276	100		
138	27.9	20.2	30.4
227	0.7	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.975 min Scan# 5671
Delta R.T. -0.023 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

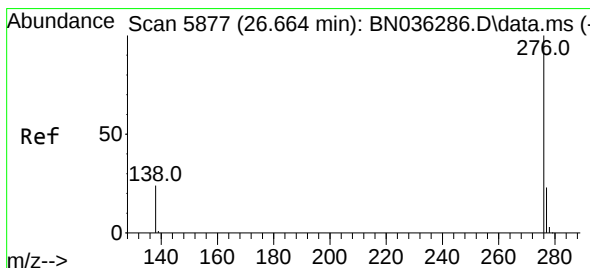
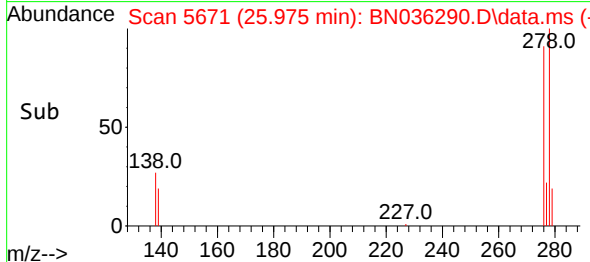
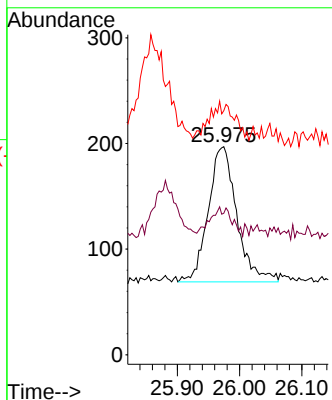
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:278 Resp: 407
Ion Ratio Lower Upper
278 100
139 68.0 15.4 23.2#
279 117.3 22.2 33.4#

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.662 min Scan# 5876
Delta R.T. -0.040 min
Lab File: BN036290.D
Acq: 05 Feb 2025 10:18

Tgt Ion:276 Resp: 459
Ion Ratio Lower Upper
276 100
138 68.0 19.4 29.0#
277 59.3 21.1 31.7#

