

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036271.D
 Acq On : 04 Feb 2025 22:19
 Operator : RC/JU
 Sample : Q1224-08DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6306DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 05 08:02:59 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	7.779	152	3435	0.400	ng/ul	0.00
4) Naphthalene-d8	10.566	136	8497	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.417	164	4434	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	8516	0.400	ng/ul	-0.01
17) Chrysene-d12	21.348	240	6130	0.400	ng/ul	#-0.01
23) Perylene-d12	23.634	264	6418	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1875	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	375	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	591	0.035	ng/ul	0.00
Target Compounds					Qvalue	
11) Acenaphthene	14.482	153	931	0.061	ng/ul	98
12) Fluorene	15.467	166	661	0.039	ng/ul#	92
15) Phenanthrene	17.204	178	11465	0.460	ng/ul	99
16) Anthracene	17.297	178	2182	0.094	ng/ul#	92
19) Fluoranthene	19.220	202	20489	0.879	ng/ul	97
20) Pyrene	19.582	202	15405	0.633	ng/ul#	94
21) Benzo(a)anthracene	21.331	228	6952	0.318	ng/ul	97
22) Chrysene	21.384	228	7957	0.356	ng/ul	97
24) Benzo(b)fluoranthene	22.947	252	10409m	0.486	ng/ul	
25) Benzo(k)fluoranthene	22.988	252	3441m	0.153	ng/ul	
26) Benzo(a)pyrene	23.532	252	4246	0.219	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.954	276	3693	0.144	ng/ul	96
28) Dibenzo(a,h)anthracene	25.965	278	1207	0.061	ng/ul#	37
29) Benzo(g,h,i)perylene	26.662	276	621	0.031	ng/ul#	36

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

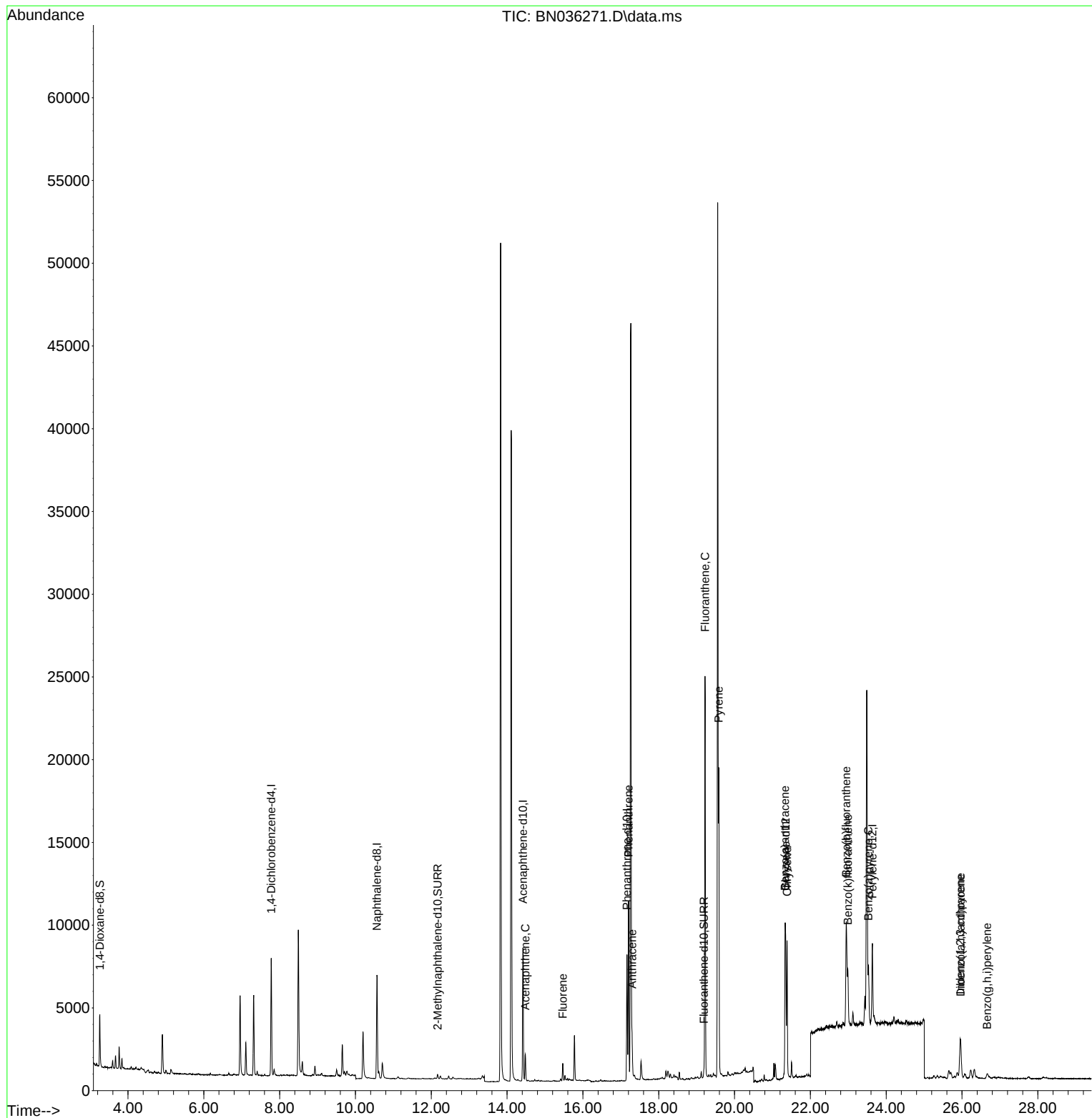
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036271.D
Acq On : 04 Feb 2025 22:19
Operator : RC/JU
Sample : Q1224-08DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

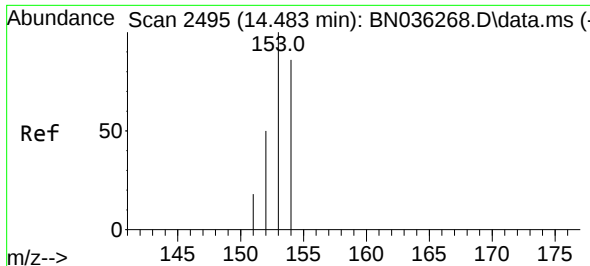
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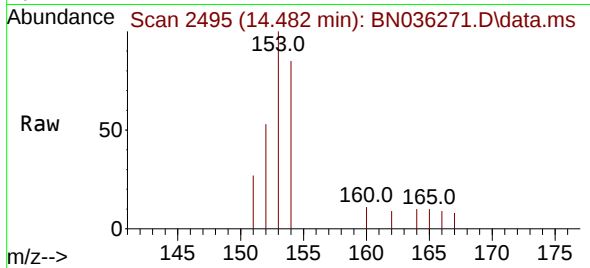
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.482 min Scan# 2495
Delta R.T. -0.010 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19

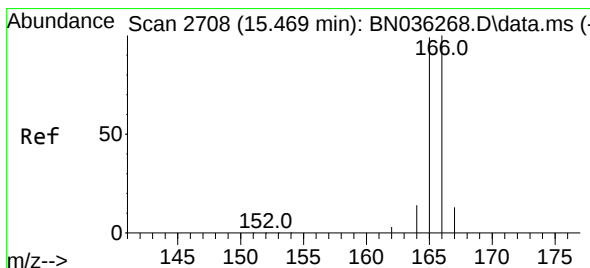
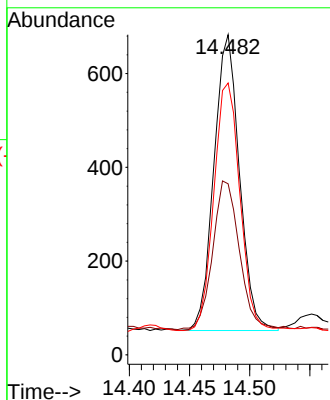
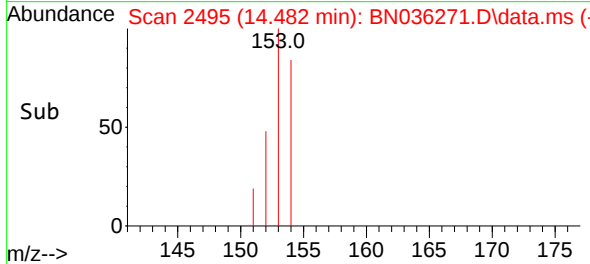
Instrument :
BNA_N
ClientSampleId :
A6306DL



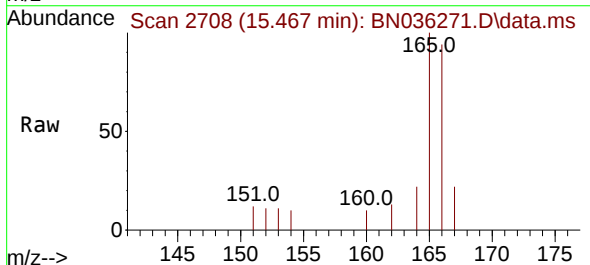
Tgt Ion:153 Resp: 931
Ion Ratio Lower Upper
153 100
152 53.4 43.2 64.8
154 84.9 70.5 105.7

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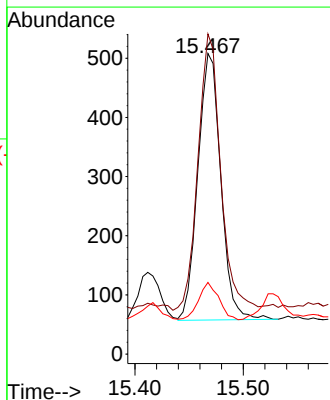
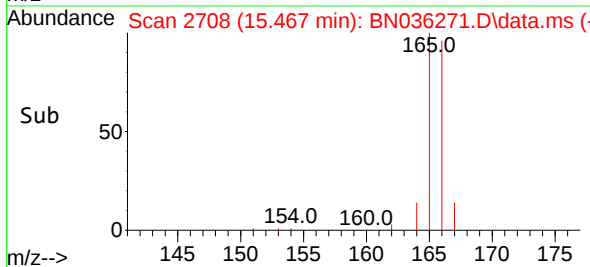
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

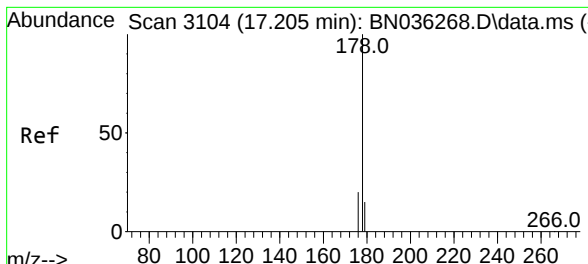


#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.467 min Scan# 2708
Delta R.T. -0.010 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19



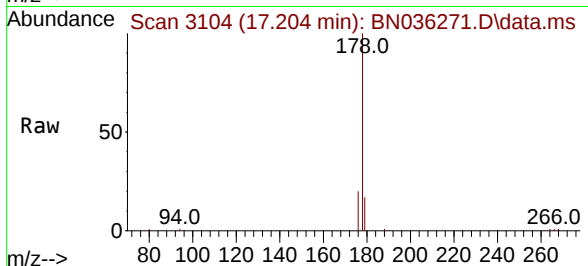
Tgt Ion:166 Resp: 661
Ion Ratio Lower Upper
166 100
165 106.5 80.3 120.5
167 23.8 12.3 18.5#





#15
 Phenanthrene
 Concen: 0.460 ng/ul
 RT: 17.204 min Scan# 3104
 Delta R.T. -0.008 min
 Lab File: BN036271.D
 Acq: 04 Feb 2025 22:19

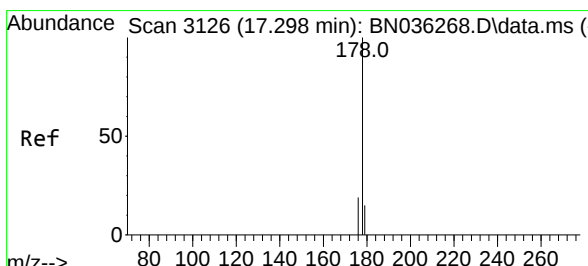
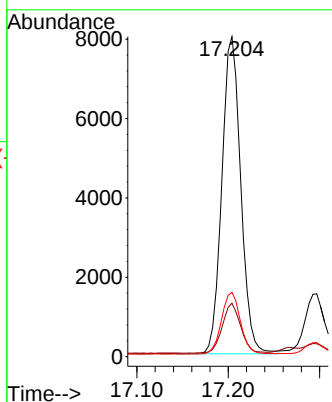
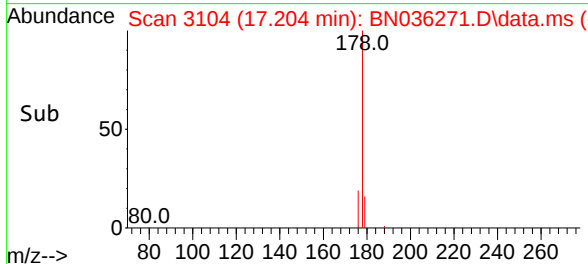
Instrument :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.2	19.8
176	20.1	16.8	25.2

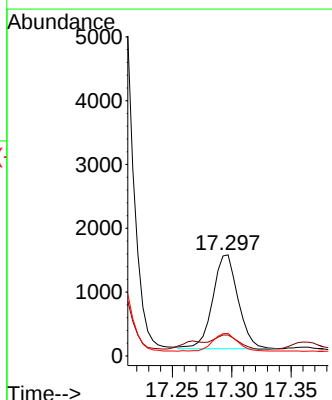
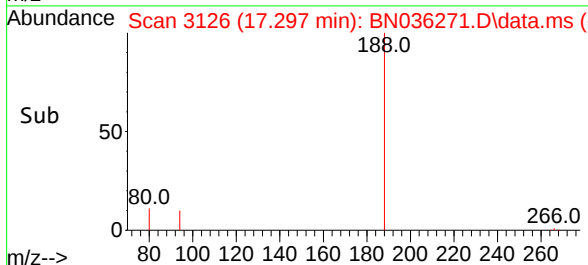
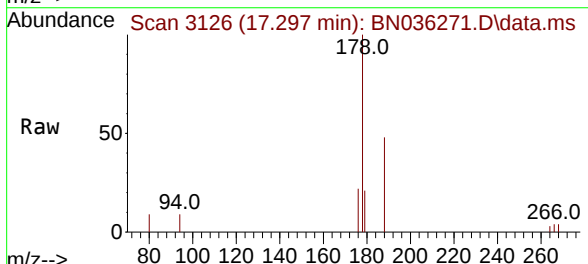
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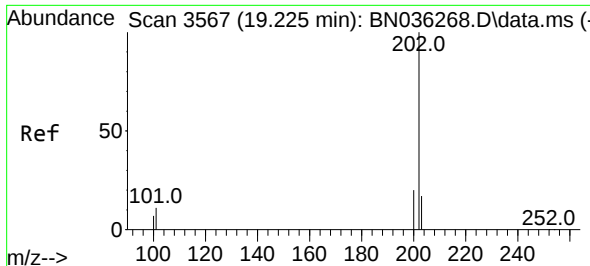
Reviewed By :Jagrut Upadhyay 02/05/2025
 Supervised By :mohammad ahmed 02/06/2025



#16
 Anthracene
 Concen: 0.094 ng/ul
 RT: 17.297 min Scan# 3126
 Delta R.T. -0.008 min
 Lab File: BN036271.D
 Acq: 04 Feb 2025 22:19

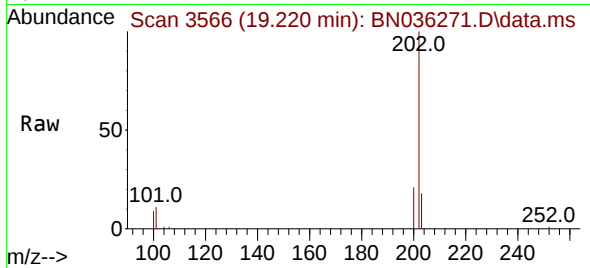
Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.7	13.0	19.4
176	22.3	15.9	23.9





#19
Fluoranthene
Concen: 0.879 ng/u1
RT: 19.220 min Scan# 3566
Delta R.T. -0.014 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19

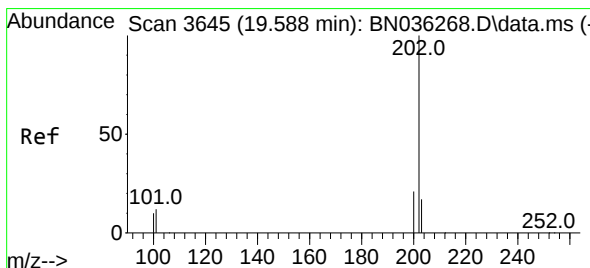
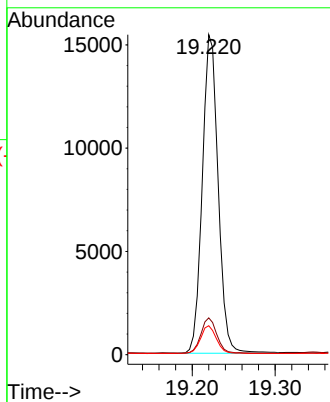
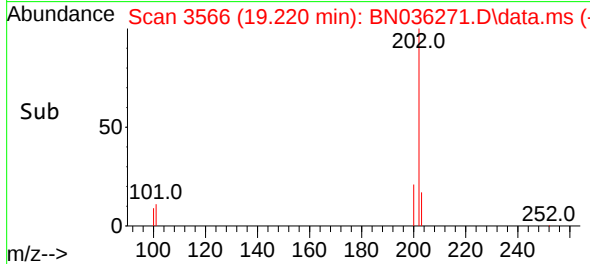
Instrument :
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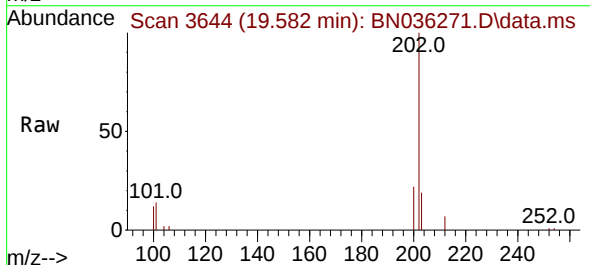
Tgt Ion:202 Resp: 20489
Ion Ratio Lower Upper
202 100
101 11.5 8.4 12.6
100 9.1 6.5 9.7

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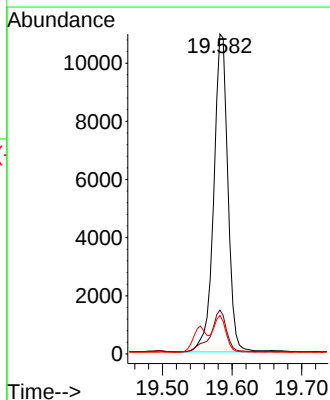
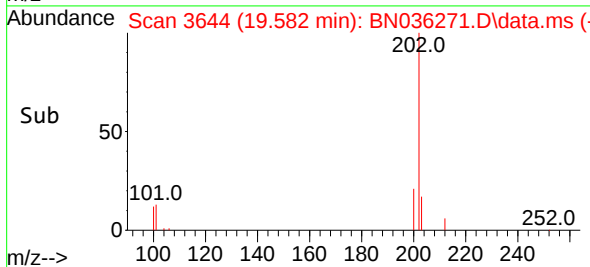
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

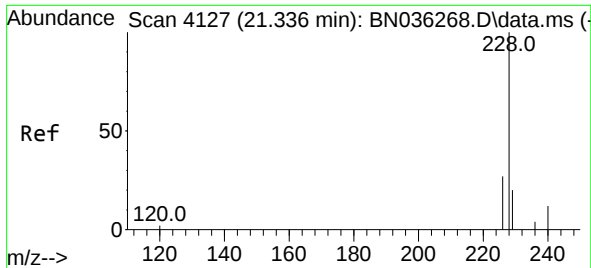


#20
Pyrene
Concen: 0.633 ng/u1
RT: 19.582 min Scan# 3644
Delta R.T. -0.014 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19



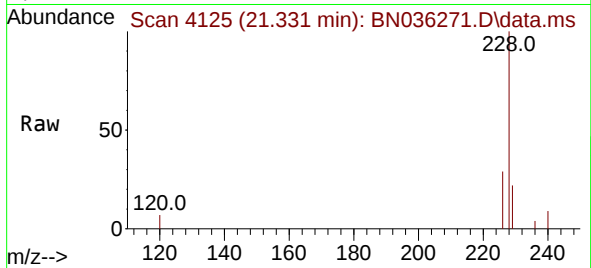
Tgt Ion:202 Resp: 15405
Ion Ratio Lower Upper
202 100
101 13.7 9.3 13.9
100 12.0 7.5 11.3#





#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.331 min Scan# 4125
Delta R.T. -0.015 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19

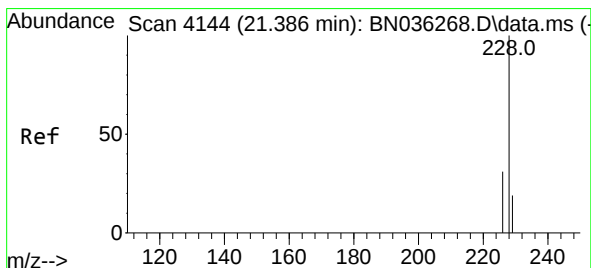
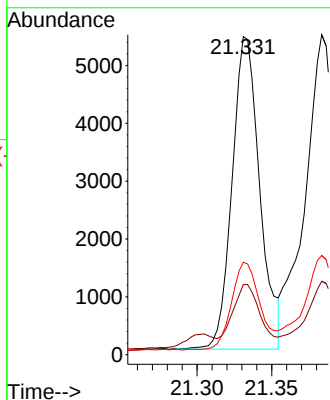
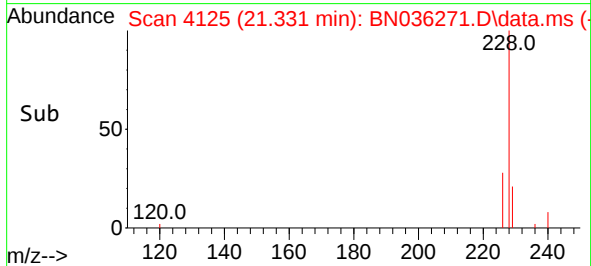
Instrument :
BNA_N
ClientSampleId :
A6306DL



Tgt Ion:228 Resp: 6952
Ion Ratio Lower Upper
228 100
229 22.0 15.9 23.9
226 29.1 22.8 34.2

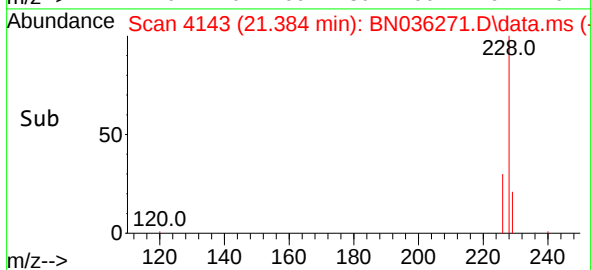
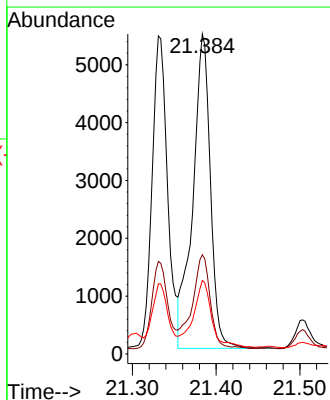
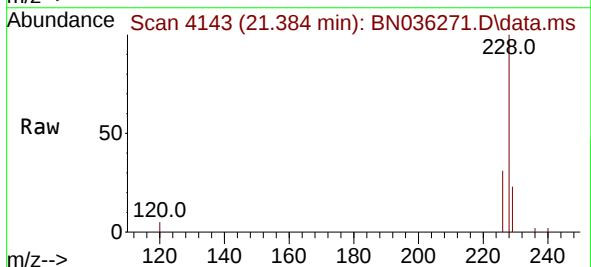
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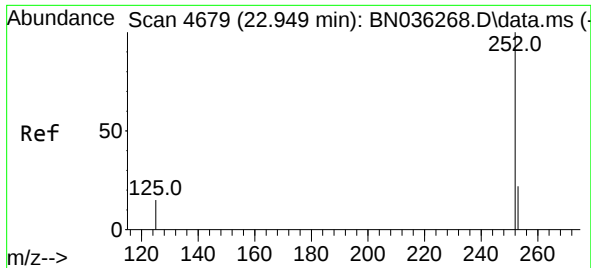
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.384 min Scan# 4143
Delta R.T. -0.015 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19

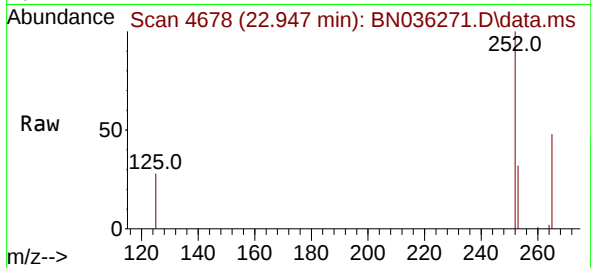
Tgt Ion:228 Resp: 7957
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 22.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.486 ng/ul m
RT: 22.947 min Scan# 4678
Delta R.T. -0.015 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19

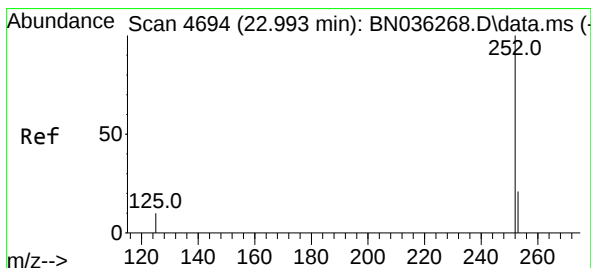
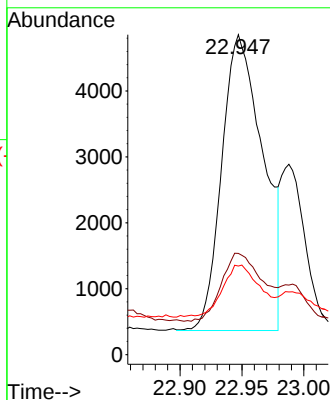
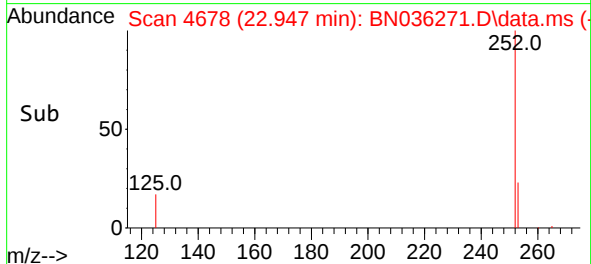
Instrument :
BNA_N
ClientSampleId :
A6306DL



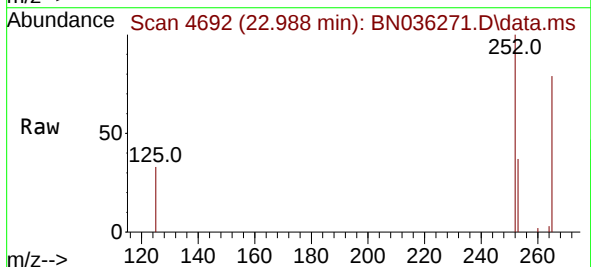
Tgt Ion:252 Resp: 10409
Ion Ratio Lower Upper
252 100
253 31.6 0.0 51.2
125 27.7 0.0 27.8

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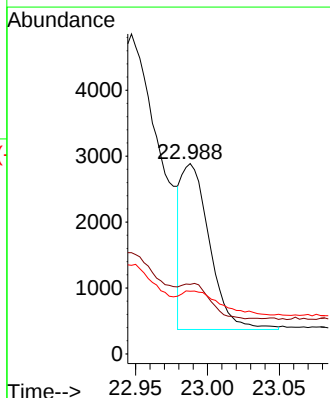
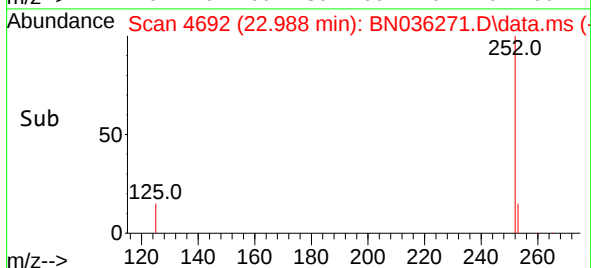
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

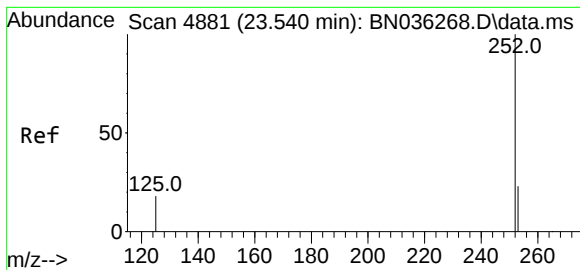


#25
Benzo(k)fluoranthene
Concen: 0.153 ng/ul m
RT: 22.988 min Scan# 4692
Delta R.T. -0.020 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19



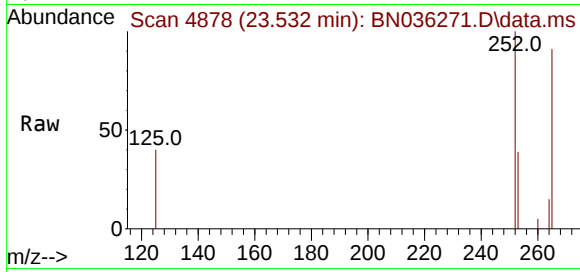
Tgt Ion:252 Resp: 3441
Ion Ratio Lower Upper
252 100
253 36.6 20.2 30.4#
125 33.0 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.219 ng/ul
RT: 23.532 min Scan# 4878
Delta R.T. -0.023 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19

Instrument :
BNA_N
ClientSampleId :
A6306DL

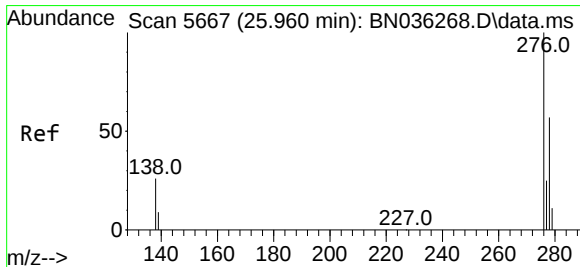
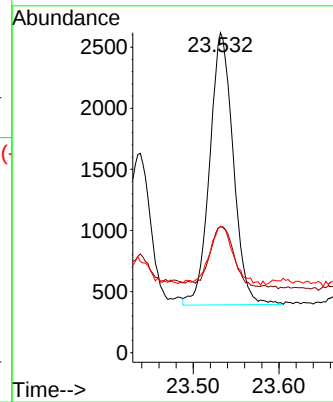
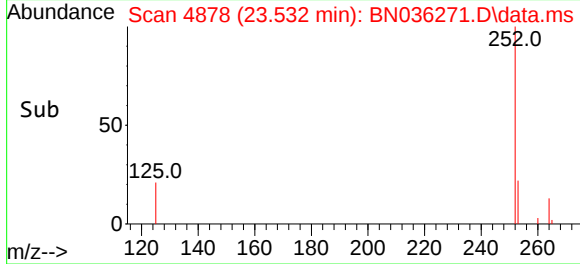


Tgt Ion:252 Resp: 4240

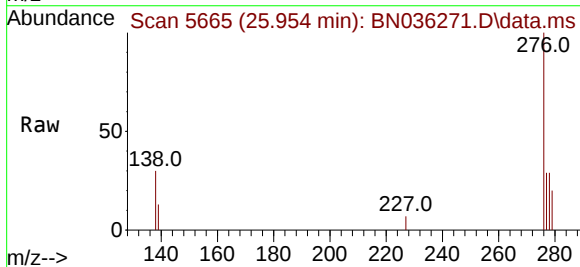
Ion	Ratio	Lower	Upper
252	100		
253	39.3	22.2	33.4
125	39.6	13.1	19.7

Manual Integrations
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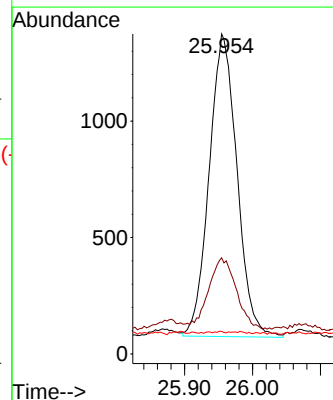
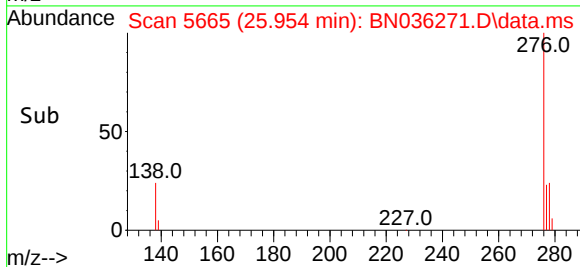


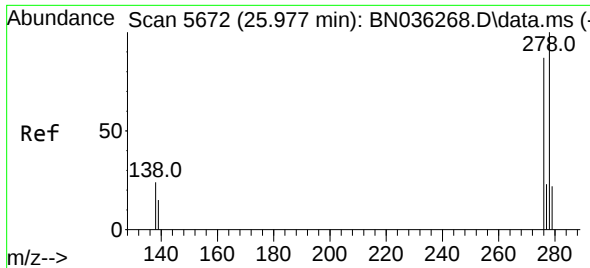
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 25.954 min Scan# 5665
Delta R.T. -0.033 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19



Tgt Ion:276 Resp: 3693

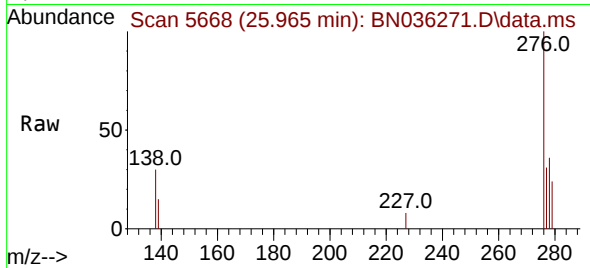
Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.2	30.4
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.965 min Scan# 5668
Delta R.T. -0.033 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19

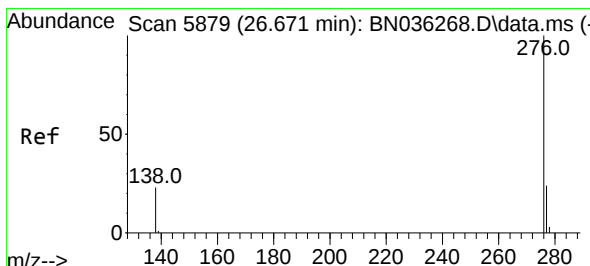
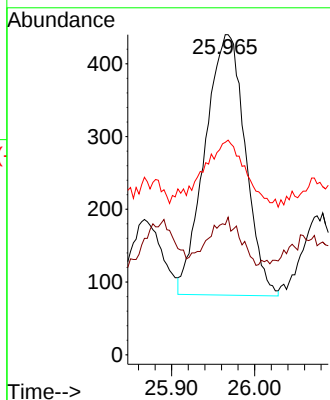
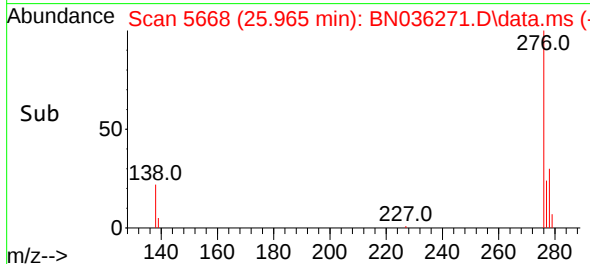
Instrument :
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A6306DL



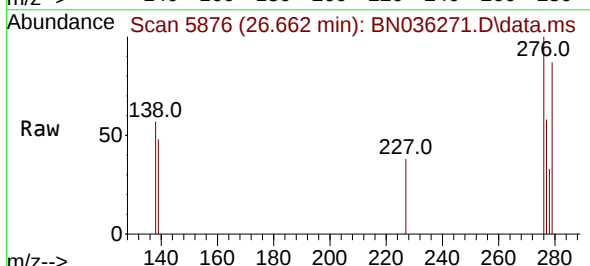
Tgt Ion:278 Resp: 120
Ion Ratio Lower Upper
278 100
139 40.7 15.4 23.2
279 66.4 22.2 33.4

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: 0.031 ng/ul
RT: 26.662 min Scan# 5876
Delta R.T. -0.040 min
Lab File: BN036271.D
Acq: 04 Feb 2025 22:19



Tgt Ion:276 Resp: 621
Ion Ratio Lower Upper
276 100
138 57.4 19.4 29.0#
277 57.9 21.1 31.7#

