

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033073.D
 Acq On : 29 Jul 2024 18:26
 Operator : MA/JU
 Sample : P3264-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CL9DL

Manual Integrations
 APPROVED

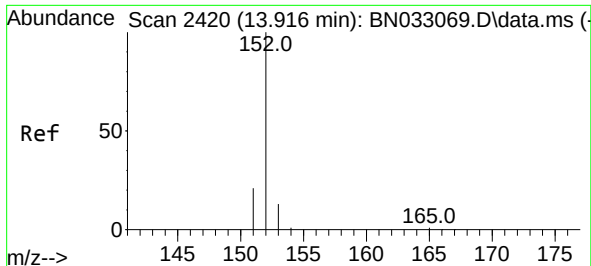
Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 23:07:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

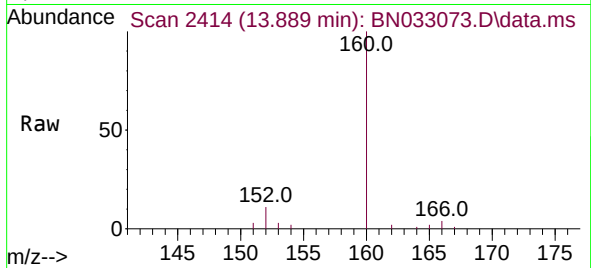
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.529	152	1620	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	5767	0.400	ng/ul #	0.03
9) Acenaphthene-d10	14.162	164	4235	0.400	ng/ul #	0.00
13) Phenanthrene-d10	16.928	188	9456	0.400	ng/ul	-0.02
17) Chrysene-d12	21.154	240	8878	0.400	ng/ul	0.00
23) Perylene-d12	23.337	264	10774m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	1382	0.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	295	0.031	ng/ul	0.05
18) Fluoranthene-d10	18.967	212	1089	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.889	152	1395	0.080	ng/ul#	80
11) Acenaphthene	14.226	153	329	0.025	ng/ul#	90
12) Fluorene	15.240	166	654	0.043	ng/ul#	88
15) Phenanthrene	16.971	178	12252	0.483	ng/ul	99
16) Anthracene	17.068	178	2896	0.127	ng/ul#	86
19) Fluoranthene	18.995	202	29355	1.004	ng/ul	99
20) Pyrene	19.362	202	20563	0.656	ng/ul	98
21) Benzo(a)anthracene	21.140	228	10530	0.348	ng/ul	96
22) Chrysene	21.192	228	10563	0.299	ng/ul	98
24) Benzo(b)fluoranthene	22.685	252	17214m	0.547	ng/ul	
25) Benzo(k)fluoranthene	22.723	252	6818m	0.181	ng/ul	
26) Benzo(a)pyrene	23.241	252	7179	0.242	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.557	276	6319	0.140	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.547	278	1956	0.055	ng/ul#	38
29) Benzo(g,h,i)perylene	26.241	276	967	0.027	ng/ul#	37

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



#10
Acenaphthylene
Concen: 0.080 ng/u1
RT: 13.889 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

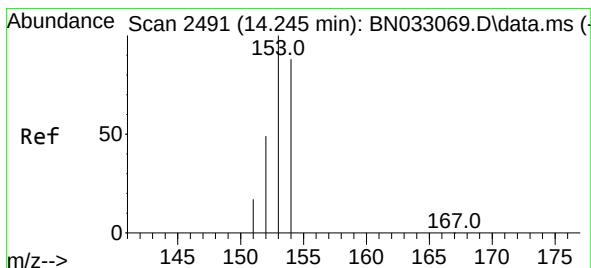
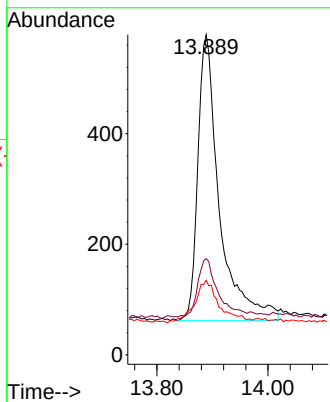
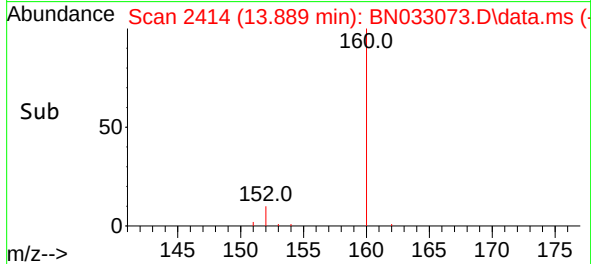
Instrument :
BNA_N
ClientSampleId :
A4CL9DL



Tgt Ion:152 Resp: 139
Ion Ratio Lower Upper
152 100
151 30.1 16.8 25.2
153 23.3 11.9 17.9

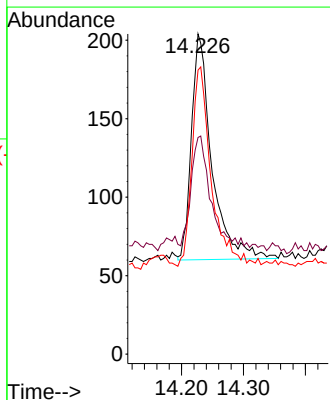
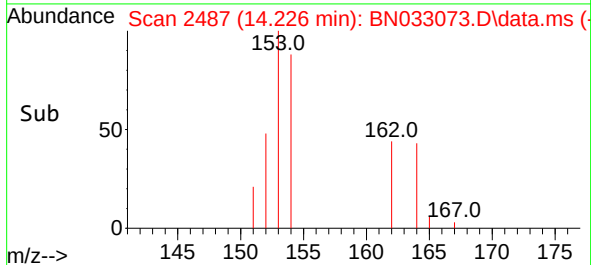
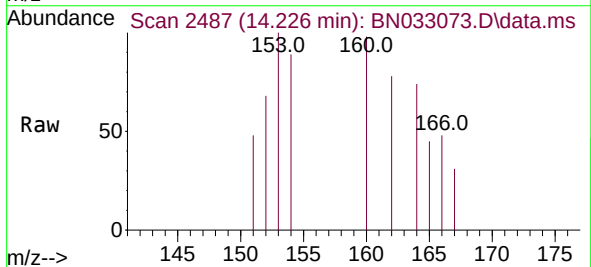
Manual Integrations
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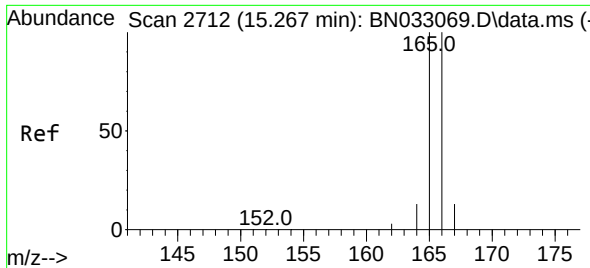
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.226 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

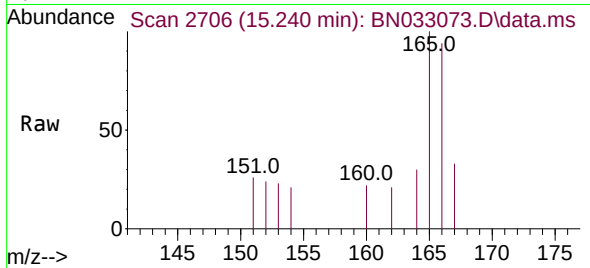
Tgt Ion:153 Resp: 329
Ion Ratio Lower Upper
153 100
152 67.6 40.0 60.0#
154 88.7 70.1 105.1





#12
Fluorene
Concen: 0.043 ng/u1
RT: 15.240 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

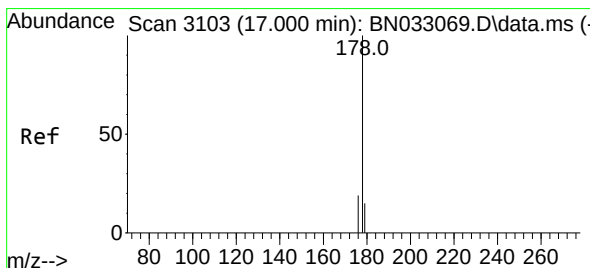
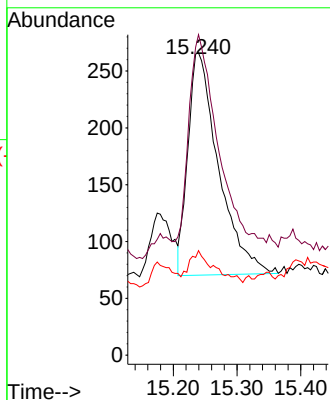
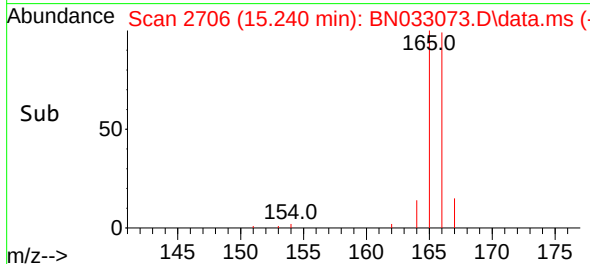
Instrument :
BNA_N
ClientSampleId :
A4CL9DL



Tgt Ion:166 Resp: 654
Ion Ratio Lower Upper
166 100
165 106.0 79.6 119.4
167 34.6 12.2 18.4

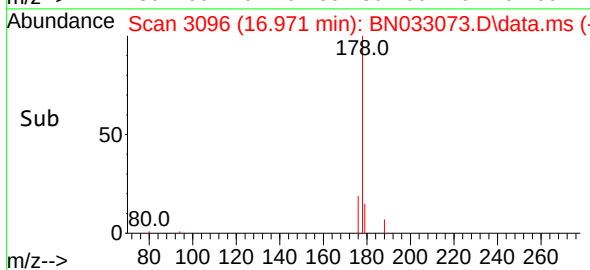
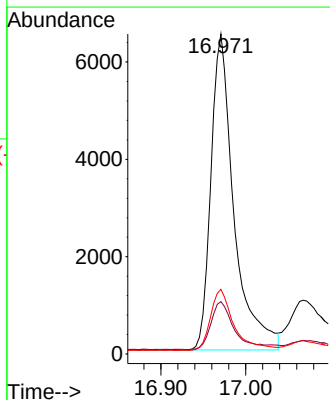
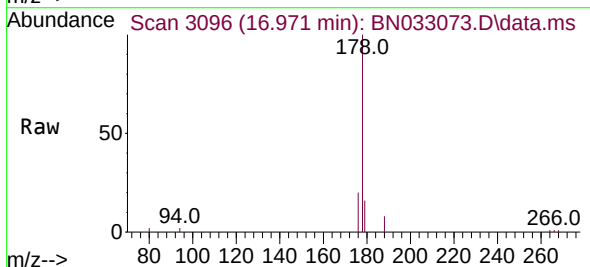
Manual Integrations
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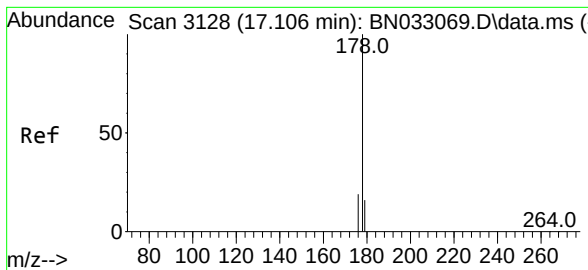
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#15
Phenanthrene
Concen: 0.483 ng/u1
RT: 16.971 min Scan# 3096
Delta R.T. -0.017 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

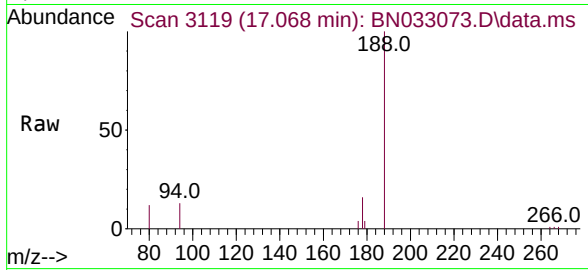
Tgt Ion:178 Resp: 12252
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 20.2 15.9 23.9





#16
 Anthracene
 Concen: 0.127 ng/ul
 RT: 17.068 min Scan# 3119
 Delta R.T. -0.017 min
 Lab File: BN033073.D
 Acq: 29 Jul 2024 18:26

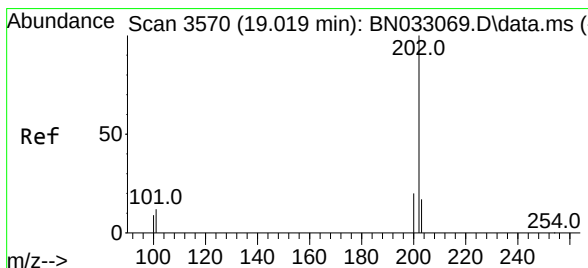
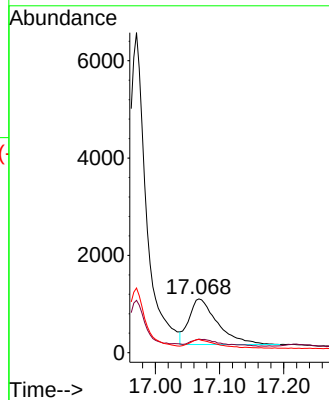
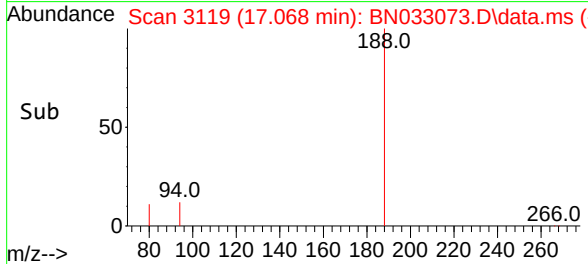
Instrument :
 BNA_N
 ClientSampleId :
 A4CL9DL



Tgt Ion:178 Resp: 2890
 Ion Ratio Lower Upper
 178 100
 179 25.5 14.3 21.5
 176 24.6 15.8 23.8

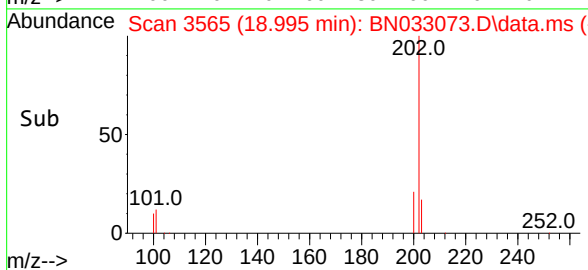
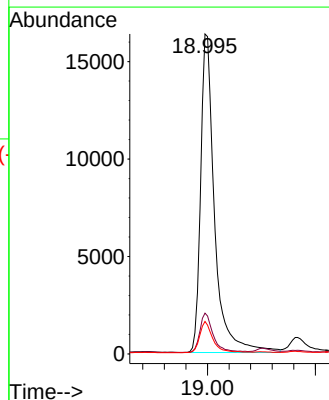
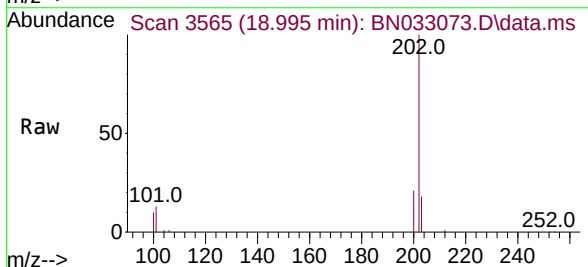
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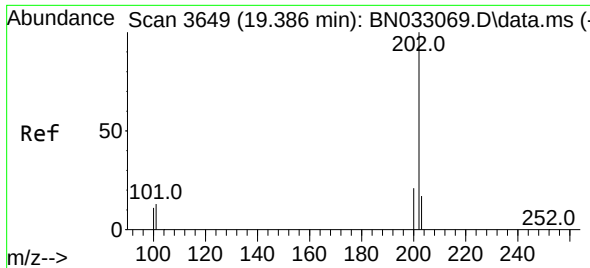
Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#19
 Fluoranthene
 Concen: 1.004 ng/ul
 RT: 18.995 min Scan# 3565
 Delta R.T. -0.018 min
 Lab File: BN033073.D
 Acq: 29 Jul 2024 18:26

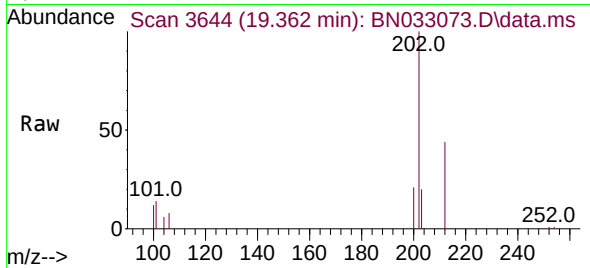
Tgt Ion:202 Resp: 29355
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.7 16.1
 100 10.2 8.3 12.5





#20
Pyrene
Concen: 0.656 ng/u1
RT: 19.362 min Scan# 30
Delta R.T. -0.018 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

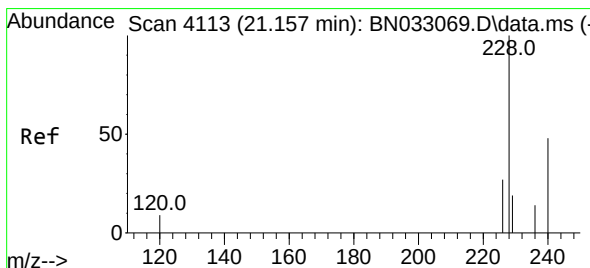
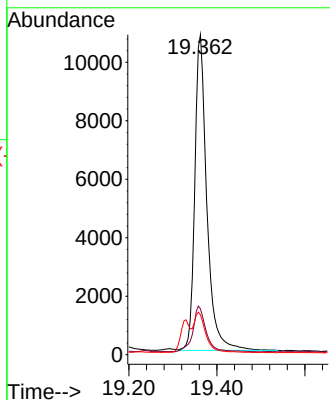
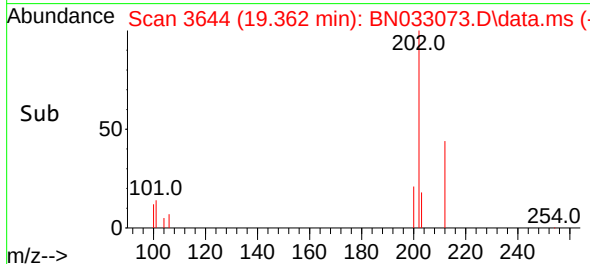
Instrument :
BNA_N
ClientSampleId :
A4CL9DL



Tgt Ion:202 Resp: 2056
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 12.5 9.9 14.9

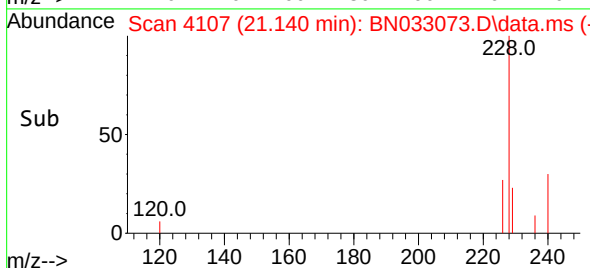
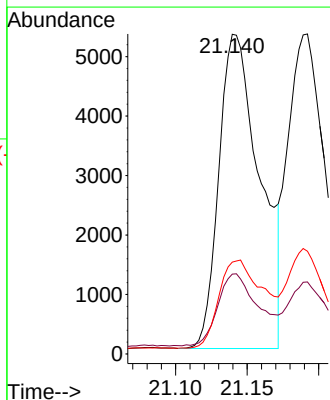
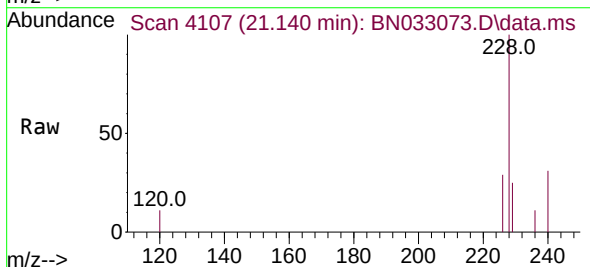
Manual Integrations
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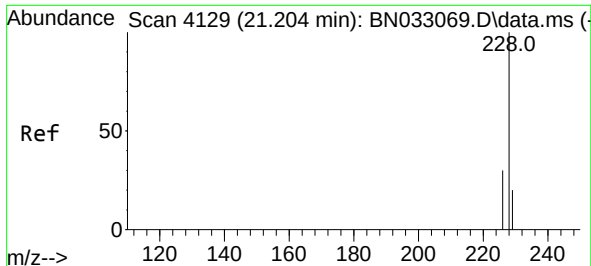
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#21
Benzo(a)anthracene
Concen: 0.348 ng/u1
RT: 21.140 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

Tgt Ion:228 Resp: 10530
Ion Ratio Lower Upper
228 100
229 25.0 17.1 25.7
226 28.8 22.4 33.6





#22

Chrysene

Concen: 0.299 ng/ul

RT: 21.192 min Scan# 4125

Delta R.T. -0.003 min

Lab File: BN033073.D

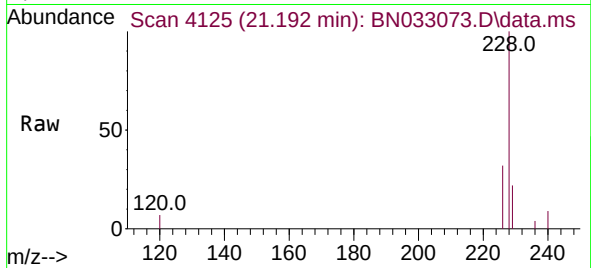
Acq: 29 Jul 2024 18:26

Instrument :

BNA_N

ClientSampleId :

A4CL9DL



Tgt Ion:228 Resp: 1056

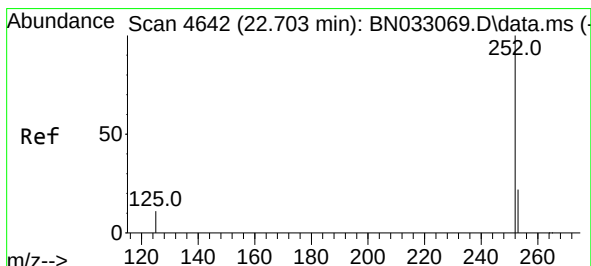
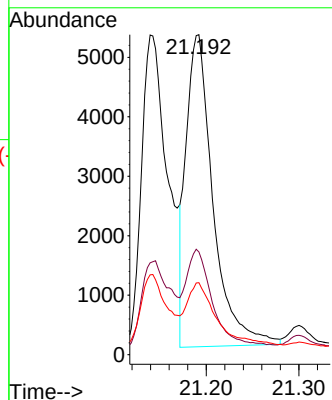
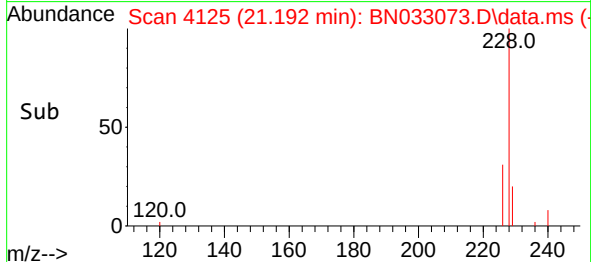
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	22.5	17.0	25.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#24

Benzo(b)fluoranthene

Concen: 0.547 ng/ul m

RT: 22.685 min Scan# 4636

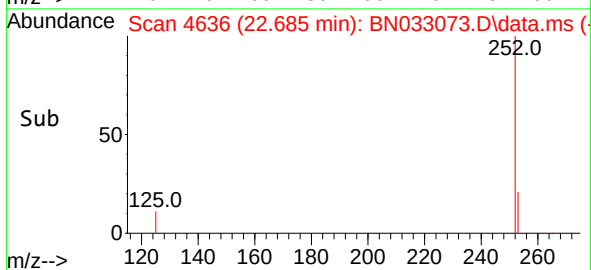
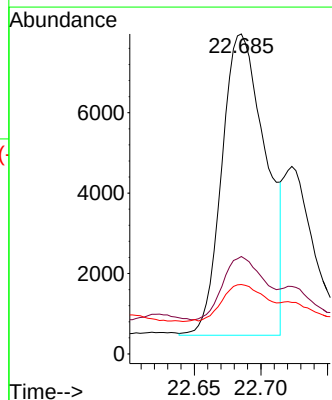
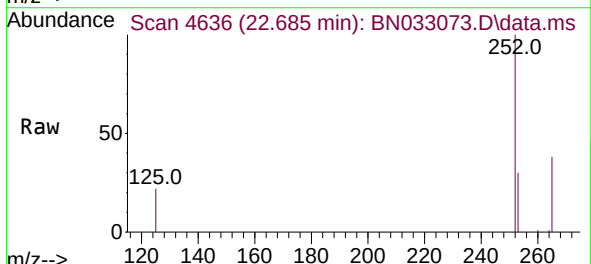
Delta R.T. -0.009 min

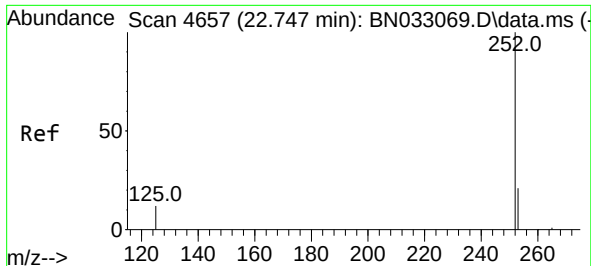
Lab File: BN033073.D

Acq: 29 Jul 2024 18:26

Tgt Ion:252 Resp: 17214

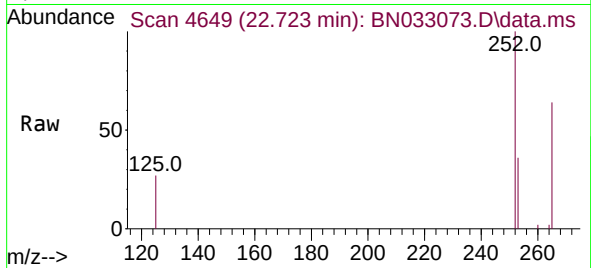
Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	60.6
125	21.7	0.0	51.0





#25
Benzo(k)fluoranthene
Concen: 0.181 ng/ul m
RT: 22.723 min Scan# 4649
Delta R.T. -0.012 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

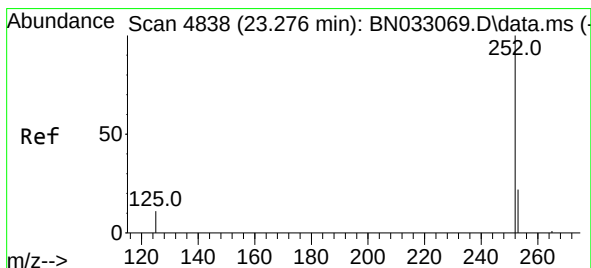
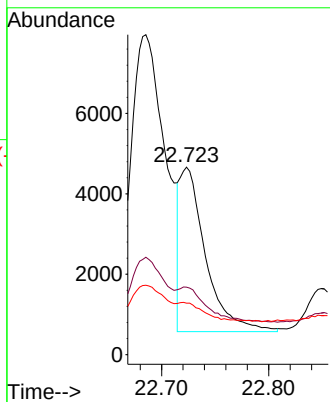
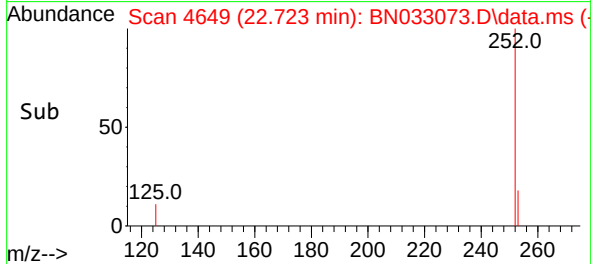
Instrument :
BNA_N
ClientSampleId :
A4CL9DL



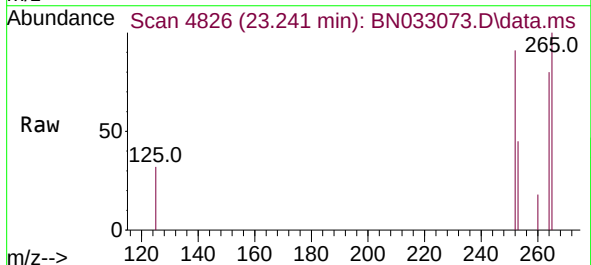
Tgt Ion:252 Resp: 6818
Ion Ratio Lower Upper
252 100
253 36.0 24.9 37.3
125 27.5 20.9 31.3

Manual Integrations
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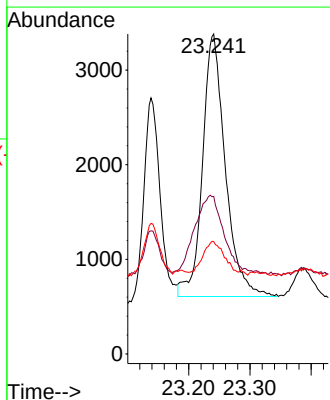
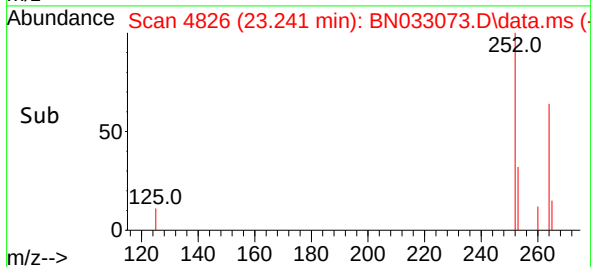
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

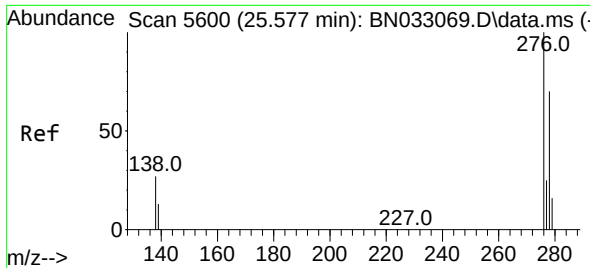


#26
Benzo(a)pyrene
Concen: 0.242 ng/ul
RT: 23.241 min Scan# 4826
Delta R.T. -0.020 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26



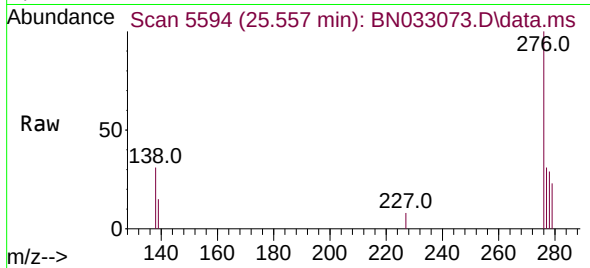
Tgt Ion:252 Resp: 7179
Ion Ratio Lower Upper
252 100
253 49.3 27.5 41.3#
125 35.1 27.0 40.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.140 ng/ul
RT: 25.557 min Scan# 5594
Delta R.T. -0.003 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

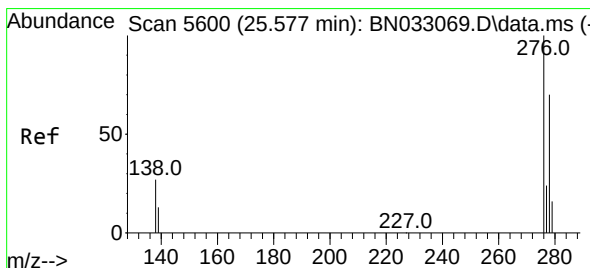
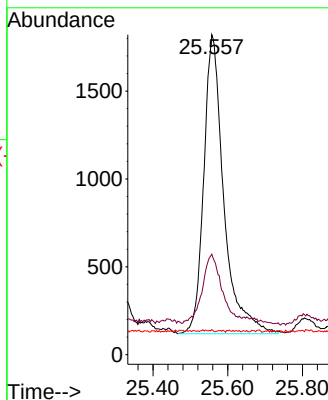
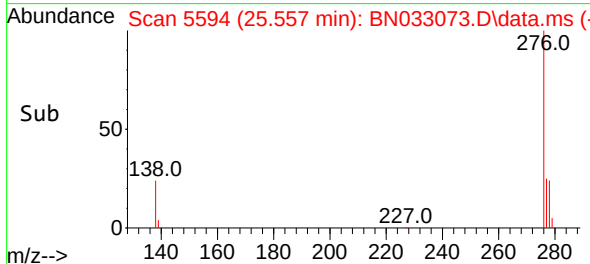
Instrument :
BNA_N
ClientSampleId :
A4CL9DL



Tgt Ion:276 Resp: 6319
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
227 0.1 0.2 0.2

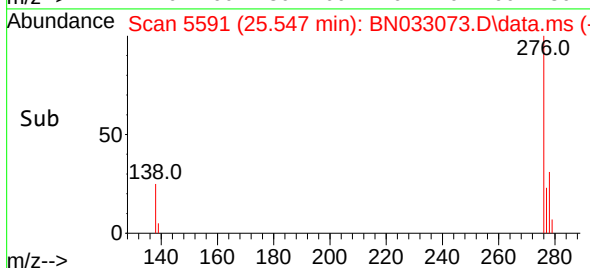
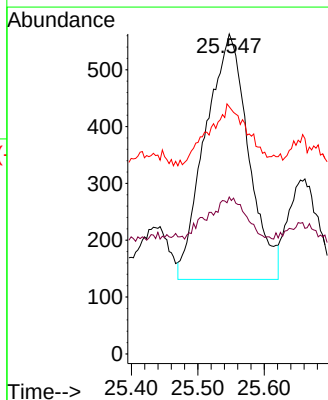
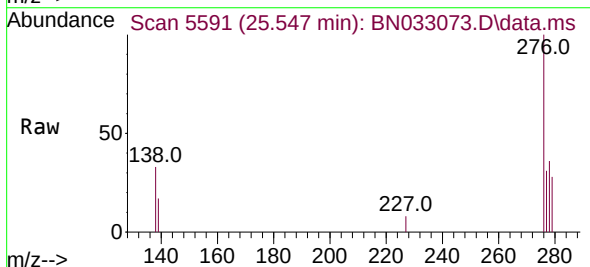
Manual Integrations
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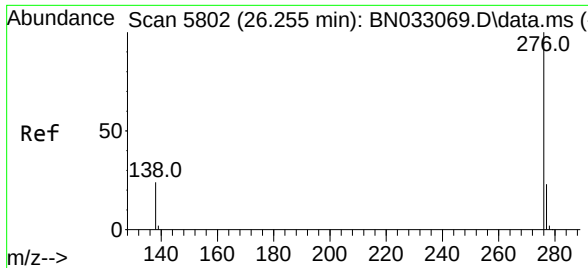
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 25.547 min Scan# 5591
Delta R.T. -0.013 min
Lab File: BN033073.D
Acq: 29 Jul 2024 18:26

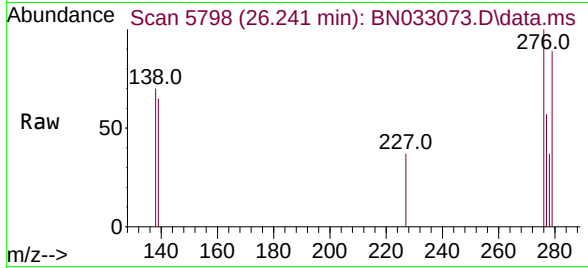
Tgt Ion:278 Resp: 1956
Ion Ratio Lower Upper
278 100
139 49.0 22.5 33.7#
279 77.3 25.5 38.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.027 ng/ul
 RT: 26.241 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN033073.D
 Acq: 29 Jul 2024 18:26

Instrument :
 BNA_N
 ClientSampleId :
 A4CL9DL



Tgt Ion: 276 Resp: 96
 Ion Ratio Lower Upper
 276 100
 138 70.0 24.6 37.0
 227 56.9 22.6 34.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

