

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032332.D
 Acq On : 29 Jun 2024 02:40
 Operator : MA/JU
 Sample : P2934-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B57

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	7670	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	23086	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	12416	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.010	188	22887m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.213	240	17990m	0.400	ng/ul	-0.01
23) Perylene-d12	23.425	264	19068m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	25237	2.960	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	6716	0.194	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	12270	0.227	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.979	152	1909	0.037	ng/ul#	79
11) Acenaphthene	14.321	153	1331	0.033	ng/ul	95
12) Fluorene	15.316	166	1875	0.039	ng/ul#	96
15) Phenanthrene	17.053	178	26105m	0.416	ng/ul	
16) Anthracene	17.145	178	6515m	0.116	ng/ul	
19) Fluoranthene	19.076	202	52439	0.765	ng/ul	98
20) Pyrene	19.439	202	46515	0.650	ng/ul	98
21) Benzo(a)anthracene	21.195	228	25225	0.388	ng/ul#	93
22) Chrysene	21.248	228	19946	0.280	ng/ul#	92
24) Benzo(b)fluoranthene	22.762	252	29247m	0.353	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	11012m	0.137	ng/ul	
26) Benzo(a)pyrene	23.326	252	21491	0.373	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.662	276	15916	0.176	ng/ul	93
28) Dibenzo(a,h)anthracene	25.668	278	3893	0.058	ng/ul#	8
29) Benzo(g,h,i)perylene	26.349	276	15949	0.222	ng/ul#	87

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

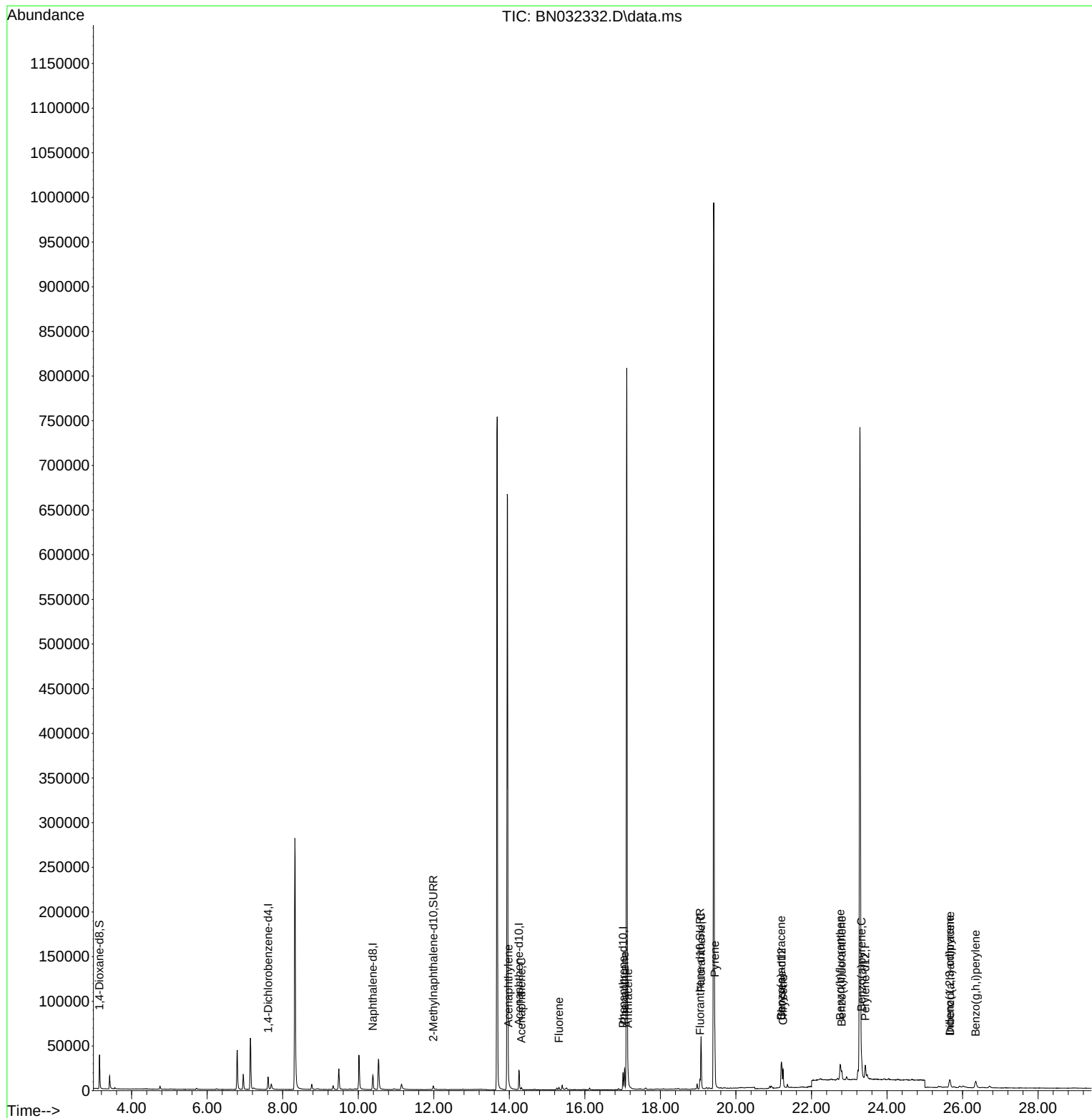
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032332.D
Acq On : 29 Jun 2024 02:40
Operator : MA/JU
Sample : P2934-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

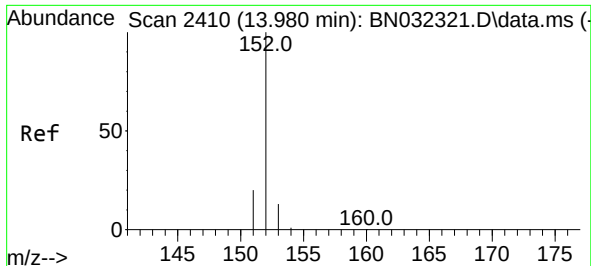
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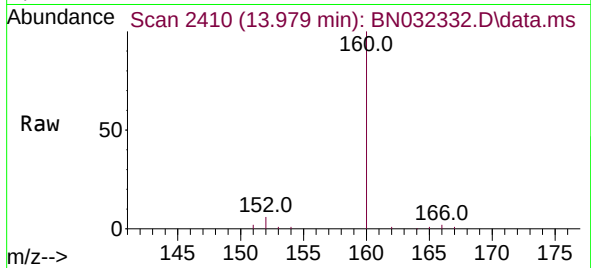
Quant Time: Jun 29 03:45:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#10
Acenaphthylene
Concen: 0.037 ng/u1
RT: 13.979 min Scan# 2410
Delta R.T. -0.011 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

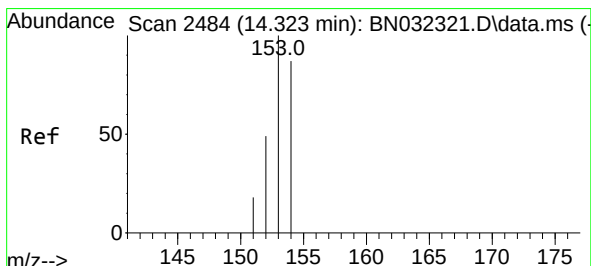
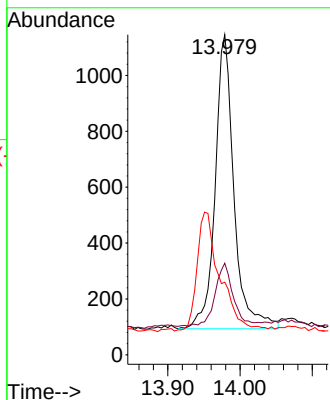
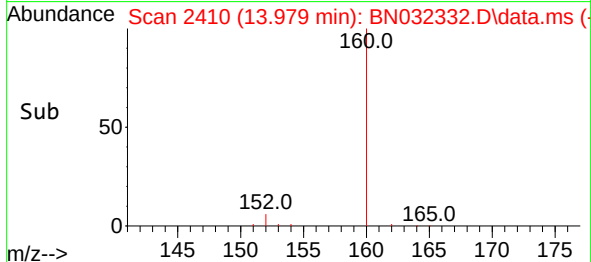
Instrument :
BNA_N
ClientSampleId :
A4B57



Tgt Ion:152 Resp: 1909
Ion Ratio Lower Upper
152 100
151 28.6 15.7 23.5
153 22.7 10.9 16.3

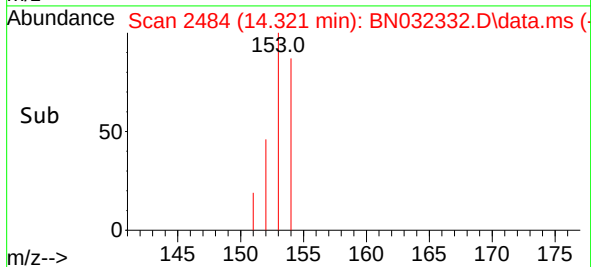
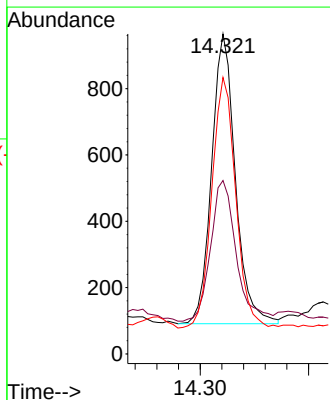
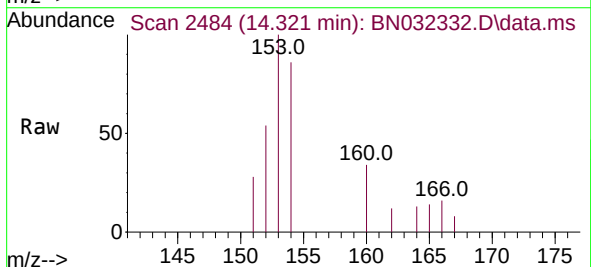
Manual Integrations
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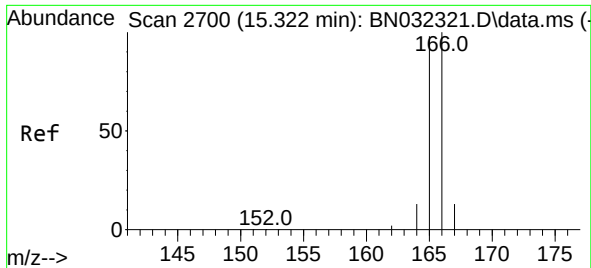
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#11
Acenaphthene
Concen: 0.033 ng/u1
RT: 14.321 min Scan# 2484
Delta R.T. -0.011 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

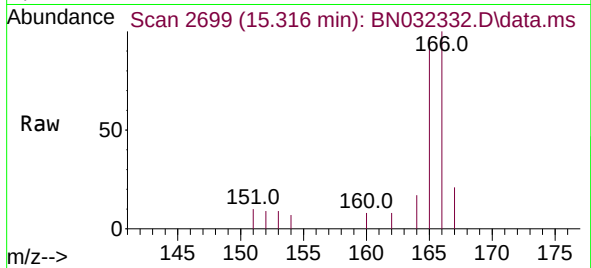
Tgt Ion:153 Resp: 1331
Ion Ratio Lower Upper
153 100
152 54.2 39.5 59.3
154 86.4 71.7 107.5





#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.316 min Scan# 2699
Delta R.T. -0.011 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

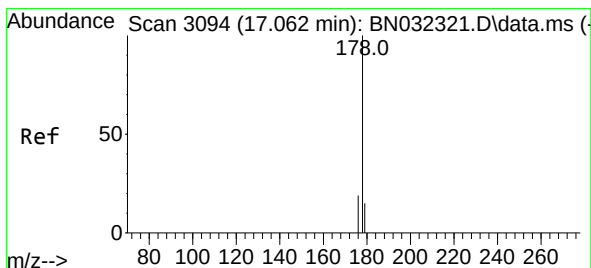
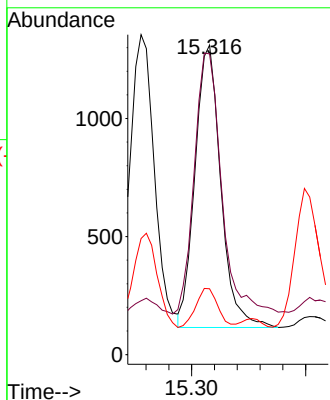
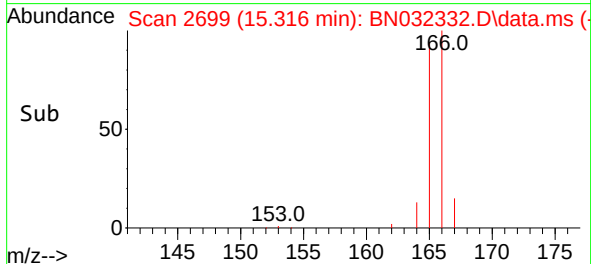
Instrument :
BNA_N
ClientSampleId :
A4B57



Tgt Ion:166 Resp: 187
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 21.3 11.0 16.6

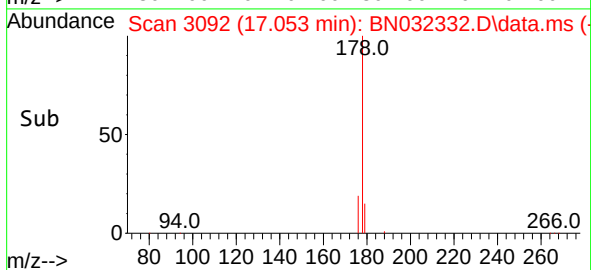
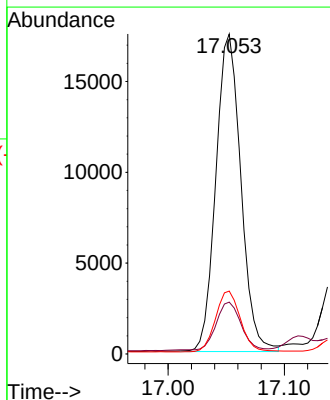
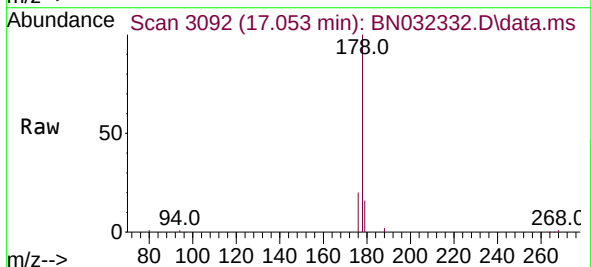
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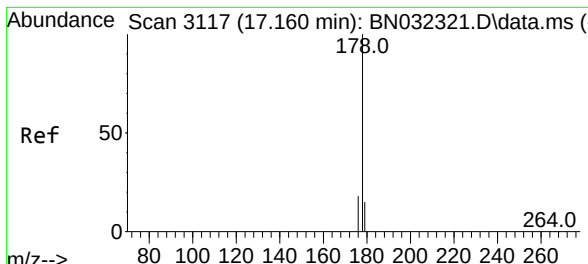
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 0.416 ng/ul m
RT: 17.053 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

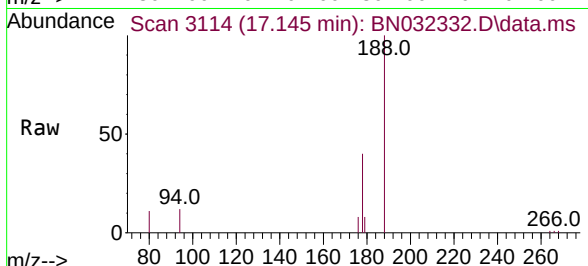
Tgt Ion:178 Resp: 26105
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.7 15.6 23.4





#16
 Anthracene
 Concen: 0.116 ng/ul m
 RT: 17.145 min Scan# 3114
 Delta R.T. -0.014 min
 Lab File: BN032332.D
 Acq: 29 Jun 2024 02:40

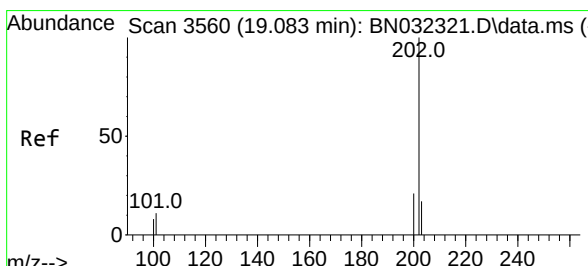
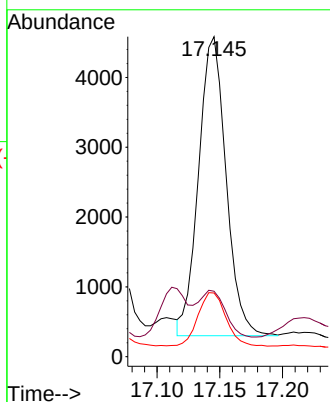
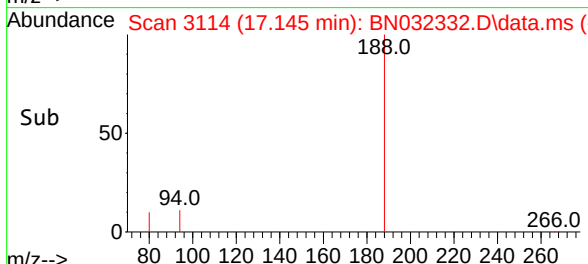
Instrument :
 BNA_N
 ClientSampleId :
 A4B57



Tgt Ion:	178	Resp:	651
Ion Ratio	Lower	Upper	
178	100		
179	20.4	12.5	18.7
176	19.9	15.0	22.6

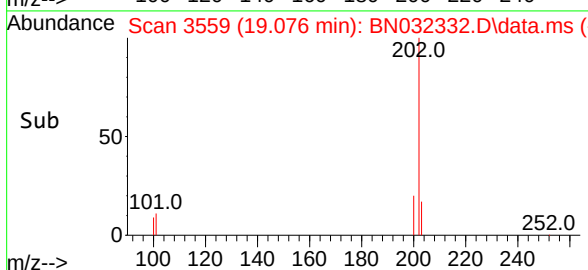
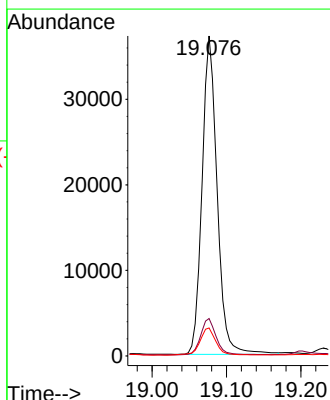
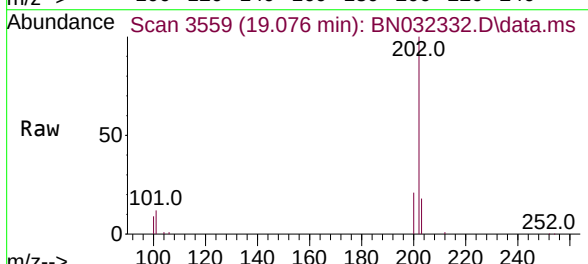
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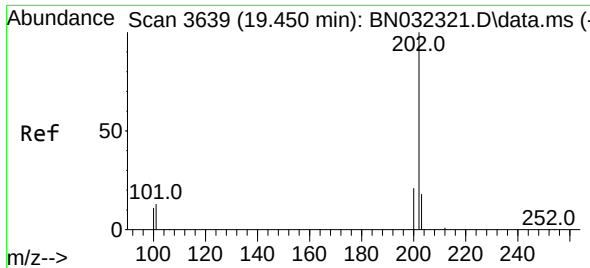
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 0.765 ng/ul
 RT: 19.076 min Scan# 3559
 Delta R.T. -0.015 min
 Lab File: BN032332.D
 Acq: 29 Jun 2024 02:40

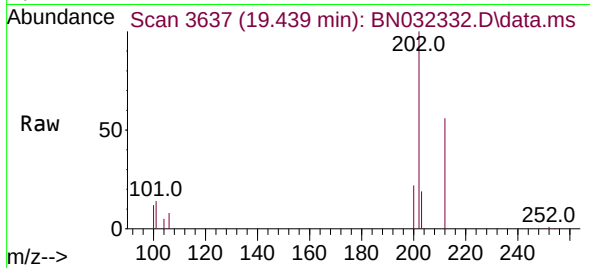
Tgt Ion:	202	Resp:	52439
Ion Ratio	Lower	Upper	
202	100		
101	11.7	8.8	13.2
100	8.8	6.4	9.6





#20
Pyrene
Concen: 0.650 ng/ul
RT: 19.439 min Scan# 3637
Delta R.T. -0.015 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

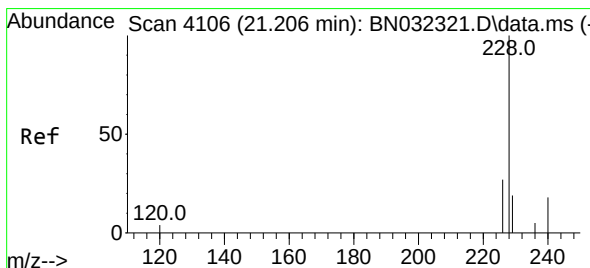
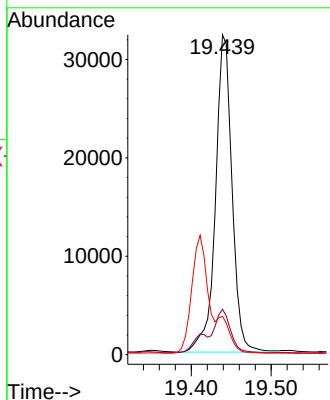
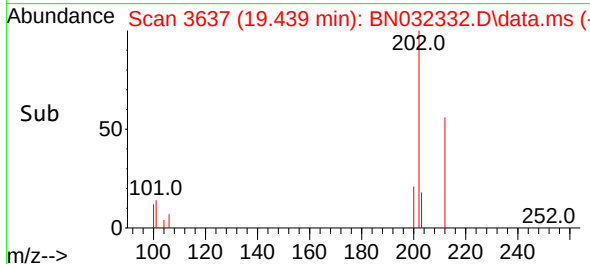
Instrument :
BNA_N
ClientSampleId :
A4B57



Tgt Ion:202 Resp: 46515
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 12.0 8.7 13.1

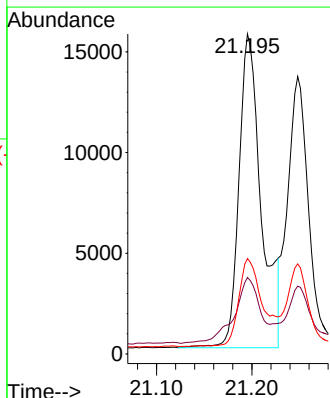
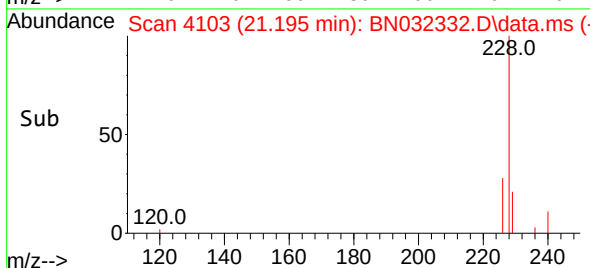
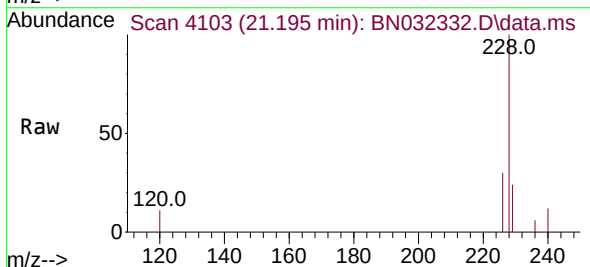
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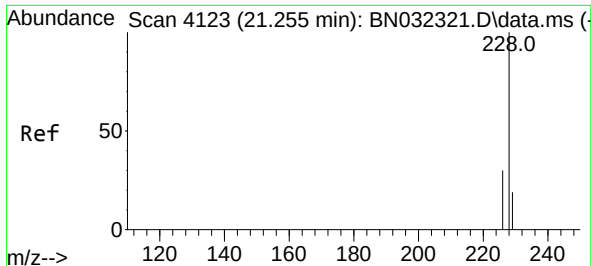
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.195 min Scan# 4103
Delta R.T. -0.019 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

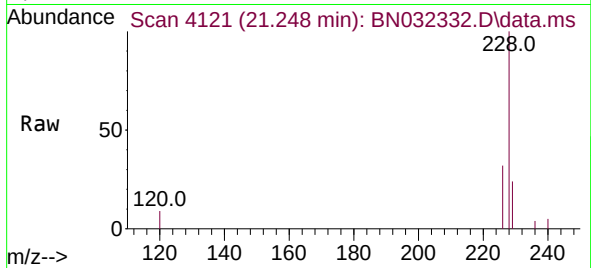
Tgt Ion:228 Resp: 25225
Ion Ratio Lower Upper
228 100
229 23.9 15.7 23.5#
226 29.8 21.8 32.8





#22
Chrysene
Concen: 0.280 ng/ul
RT: 21.248 min Scan# 4123
Delta R.T. -0.019 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

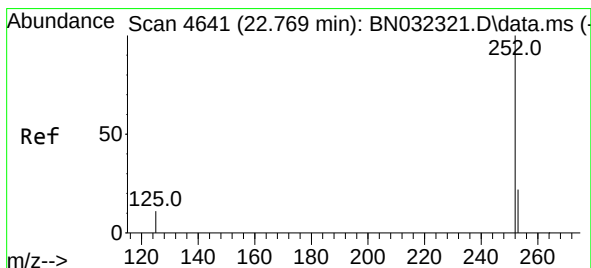
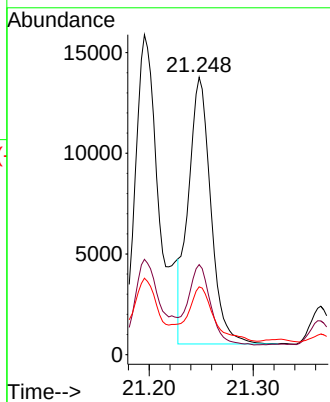
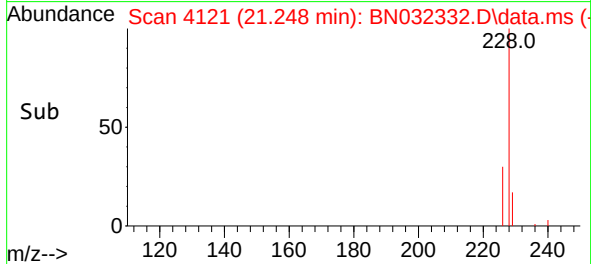
Instrument :
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ClientSampleId :
A4B57



Tgt Ion:228 Resp: 19940
Ion Ratio Lower Upper
228 100
226 32.5 23.6 35.4
229 24.5 15.7 23.5

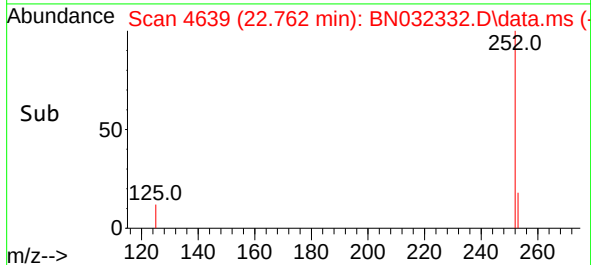
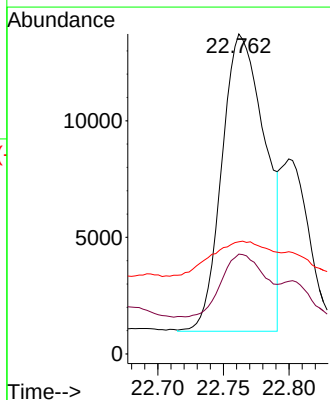
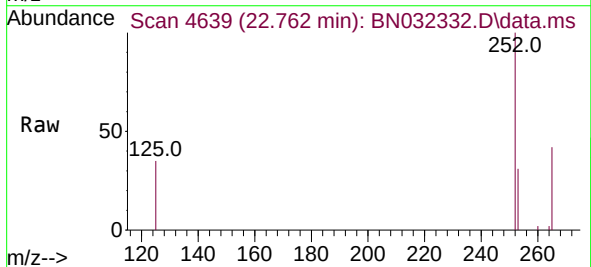
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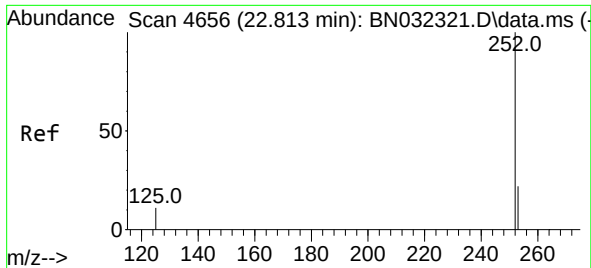
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul m
RT: 22.762 min Scan# 4639
Delta R.T. -0.022 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

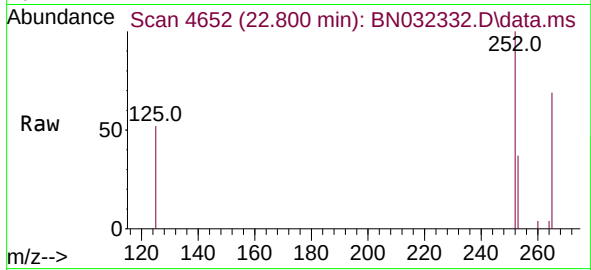
Tgt Ion:252 Resp: 29247
Ion Ratio Lower Upper
252 100
253 31.2 0.0 50.2
125 35.1 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.137 ng/ul m
RT: 22.800 min Scan# 4656
Delta R.T. -0.028 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40

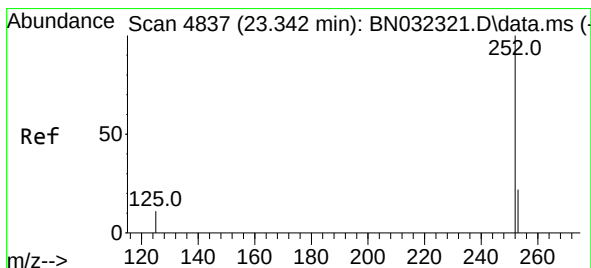
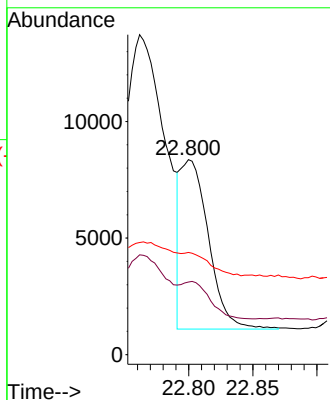
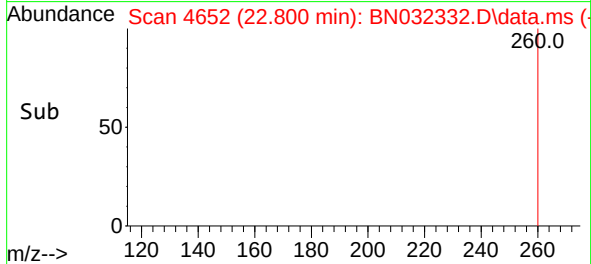
Instrument :
BNA_N
ClientSampleId :
A4B57



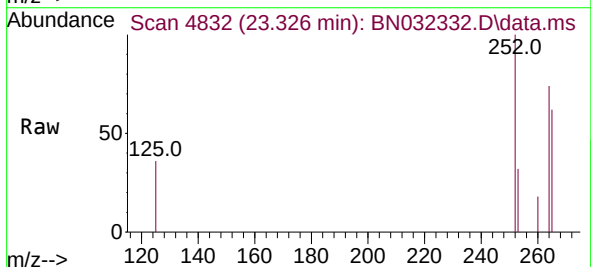
Tgt Ion:252 Resp: 1101
Ion Ratio Lower Upper
252 100
253 37.2 20.3 30.5
125 52.4 12.8 19.2

Manual Integrations
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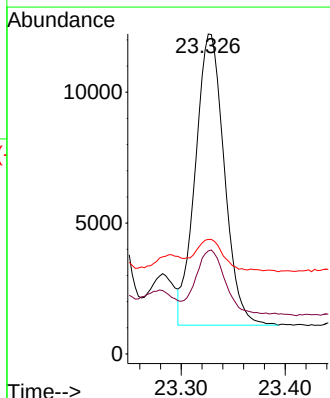
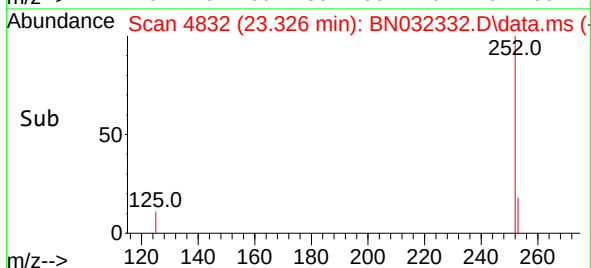
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

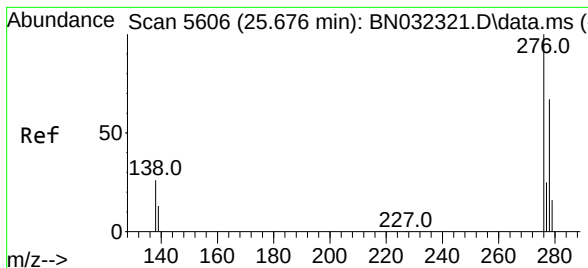


#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.326 min Scan# 4832
Delta R.T. -0.034 min
Lab File: BN032332.D
Acq: 29 Jun 2024 02:40



Tgt Ion:252 Resp: 21491
Ion Ratio Lower Upper
252 100
253 32.2 22.2 33.2
125 35.8 16.4 24.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.176 ng/ul

RT: 25.662 min Scan# 5602

Delta R.T. -0.038 min

Lab File: BN032332.D

Acq: 29 Jun 2024 02:40

Instrument :

BNA_N

ClientSampleId :

A4B57

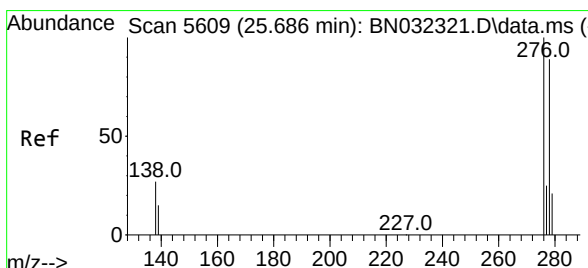
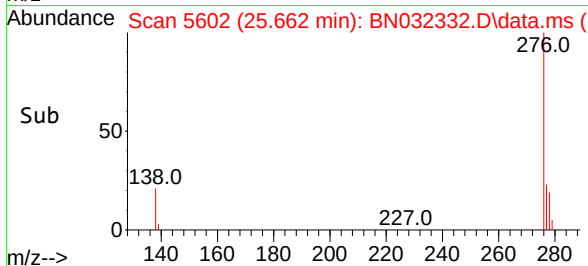
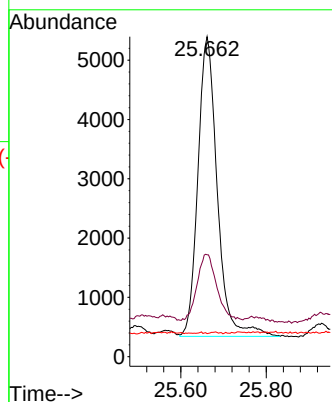
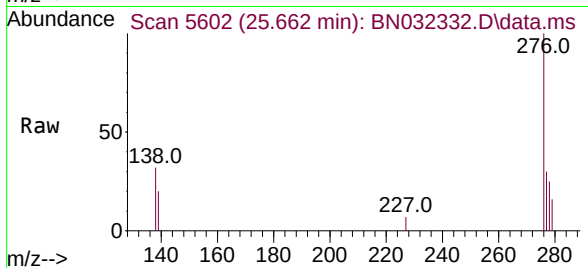
Tgt Ion:	276	Resp:	15910
Ion Ratio	Lower	Upper	
276	100		
138	22.7	21.3	31.9
227	0.1	0.1	0.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 07/04/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.058 ng/ul

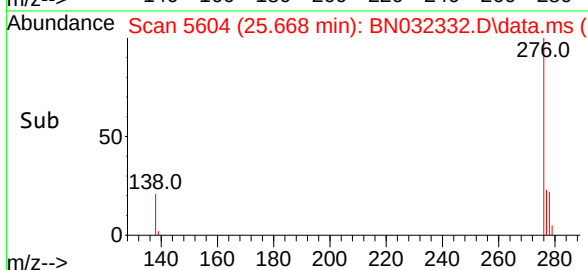
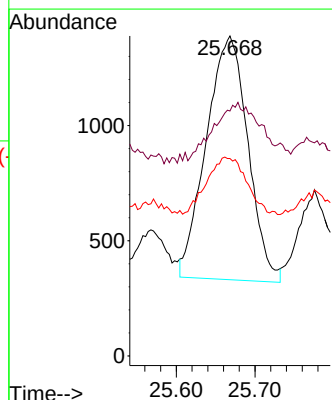
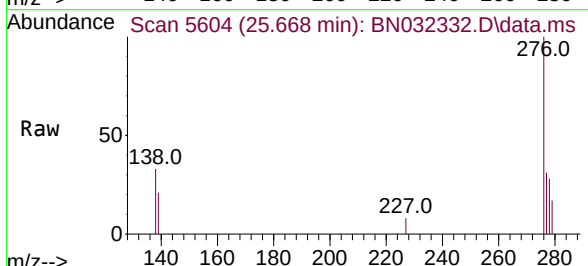
RT: 25.668 min Scan# 5604

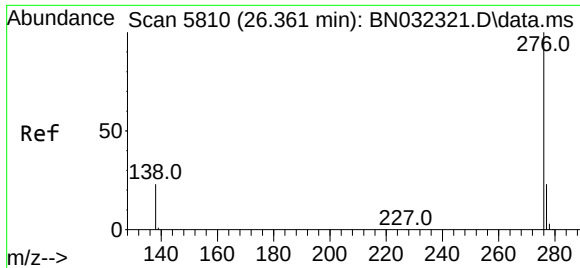
Delta R.T. -0.042 min

Lab File: BN032332.D

Acq: 29 Jun 2024 02:40

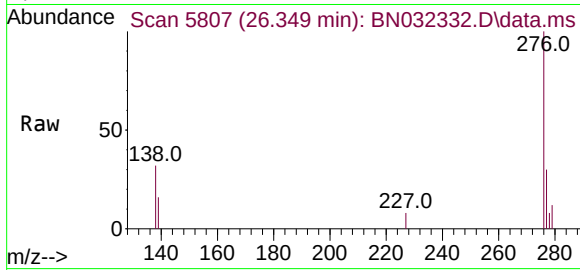
Tgt Ion:	278	Resp:	3893
Ion Ratio	Lower	Upper	
278	100		
139	76.5	15.9	23.9#
279	61.7	21.1	31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.222 ng/ul
 RT: 26.349 min Scan# 5807
 Delta R.T. -0.032 min
 Lab File: BN032332.D
 Acq: 29 Jun 2024 02:40

Instrument :
 BNA_N
 ClientSampleId :
 A4B57



Tgt Ion:276 Resp: 15949

Ion	Ratio	Lower	Upper
276	100		
138	32.0	19.8	29.6
277	30.4	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

