

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033004.D
 Acq On : 26 Jul 2024 19:27
 Operator : MA/JU
 Sample : P3264-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CL9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Jul 26 23:33:49 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 : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3952	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.267	136	13825	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.152	164	6701	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.916	188	14581m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.137	240	17240m	0.400	ng/ul	-0.02
23) Perylene-d12	23.323	264	18147m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	13319	2.664	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	2920	0.129	ng/ul	-0.02
18) Fluoranthene-d10	18.958	212	7596	0.156	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.317	128	2116	0.060	ng/ul#	92
7) 2-Methylnaphthalene	11.967	142	738	0.031	ng/ul	96
8) 1-Methylnaphthalene	12.187	142	682	0.026	ng/ul	97
10) Acenaphthylene	13.870	152	9871	0.360	ng/ul	100
11) Acenaphthene	14.217	153	2405	0.117	ng/ul	99
12) Fluorene	15.216	166	4622	0.192	ng/ul	99
15) Phenanthrene	16.954	178	89279m	2.283	ng/ul	
16) Anthracene	17.051	178	17130m	0.487	ng/ul	
19) Fluoranthene	18.991	202	200191	3.527	ng/ul	96
20) Pyrene	19.353	202	167646	2.754	ng/ul	98
21) Benzo(a)anthracene	21.122	228	113917	1.937	ng/ul	100
22) Chrysene	21.172	228	104365	1.521	ng/ul	99
24) Benzo(b)fluoranthene	22.668	252	142086m	2.680	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	49624m	0.781	ng/ul	
26) Benzo(a)pyrene	23.220	252	58357	1.170	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.520	276	49289	0.650	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.514	278	15406	0.256	ng/ul	95
29) Benzo(g,h,i)perylene	26.201	276	7076	0.117	ng/ul#	84

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

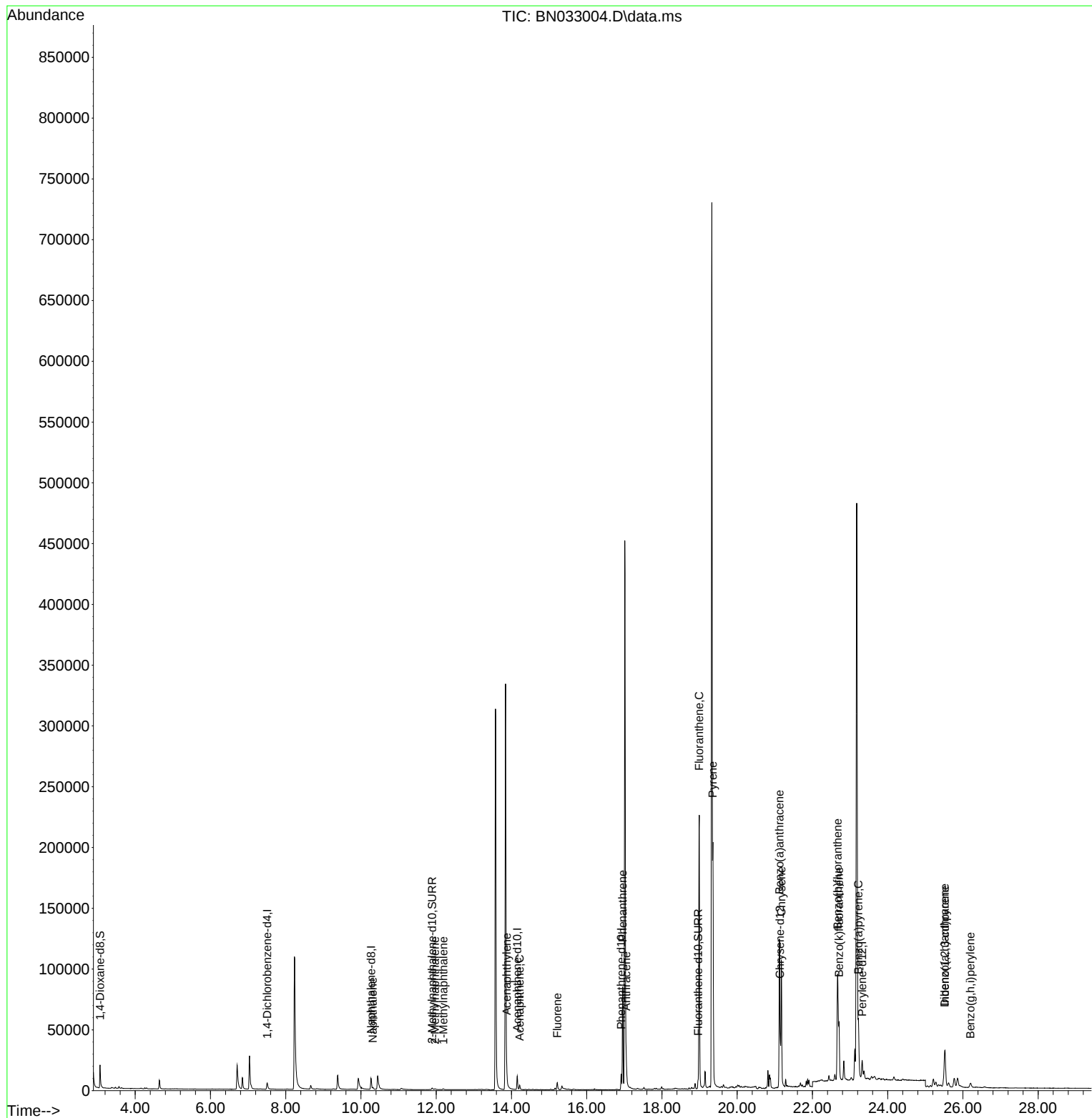
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033004.D
Acq On : 26 Jul 2024 19:27
Operator : MA/JU
Sample : P3264-13
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ALS Vial : 16 Sample Multiplier: 1

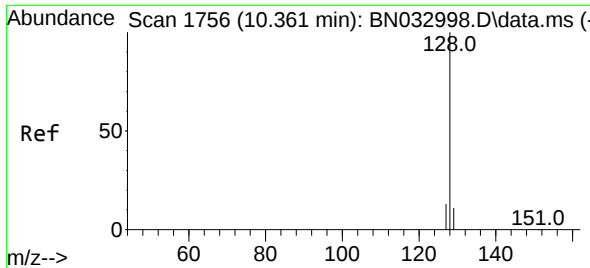
Instrument :
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ClientSampleId :
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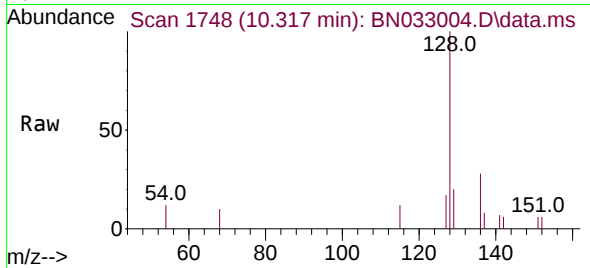
Quant Time: Jul 26 23:33:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.317 min Scan# 1756
Delta R.T. -0.033 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

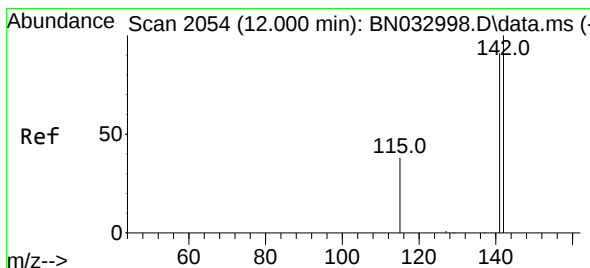
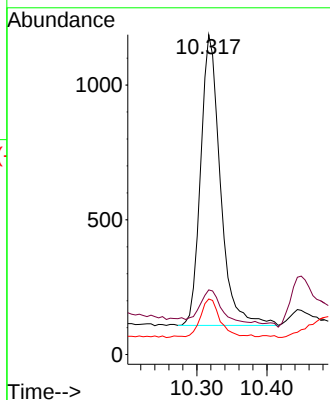
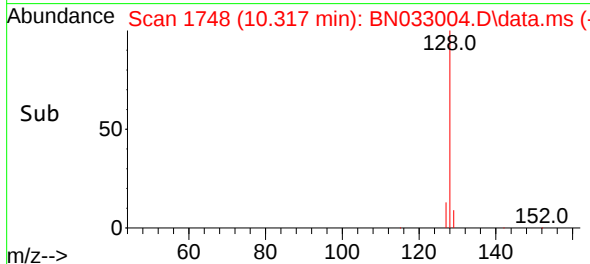
Instrument :
BNA_N
ClientSampleId :
A4CL9



Tgt Ion:128 Resp: 2110
Ion Ratio Lower Upper
128 100
129 20.2 12.0 18.0
127 17.4 12.7 19.1

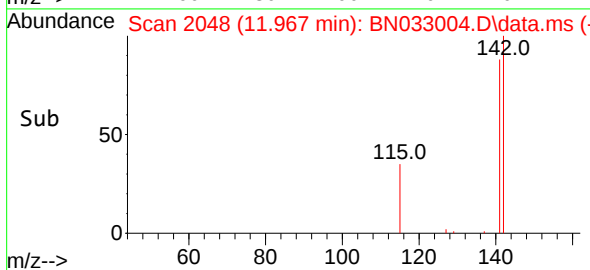
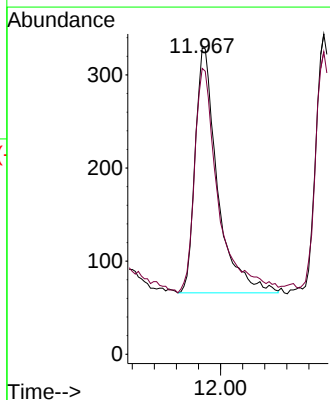
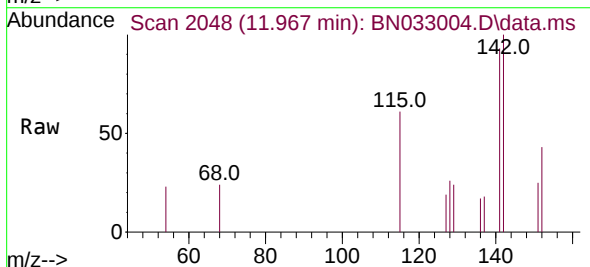
Manual Integrations
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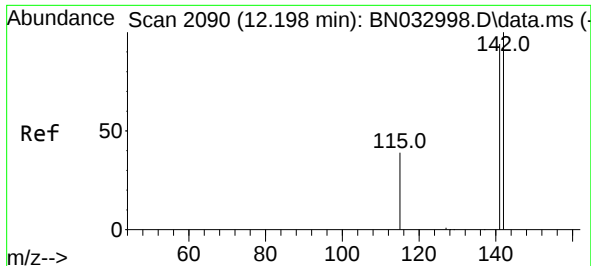
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.967 min Scan# 2048
Delta R.T. -0.016 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

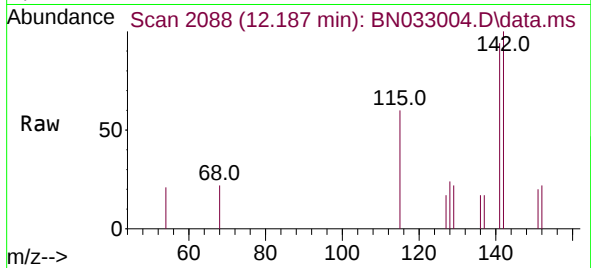
Tgt Ion:142 Resp: 738
Ion Ratio Lower Upper
142 100
141 98.1 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.187 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

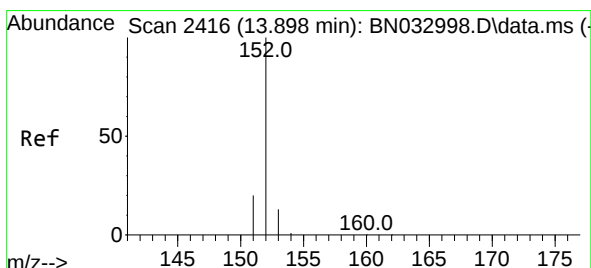
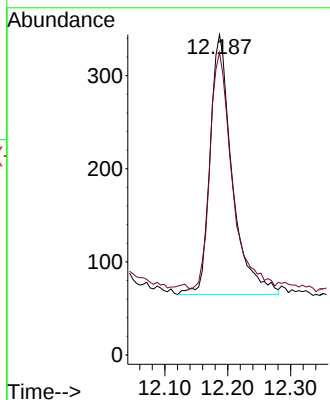
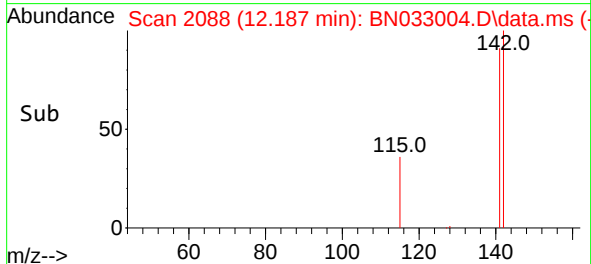
Instrument :
BNA_N
ClientSampleId :
A4CL9



Tgt Ion:142 Resp: 682
Ion Ratio Lower Upper
142 100
141 90.5 74.3 111.5

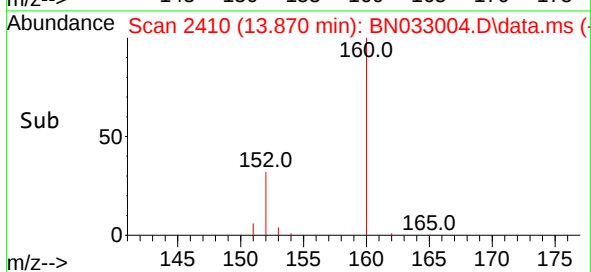
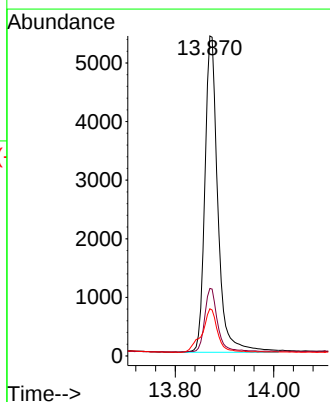
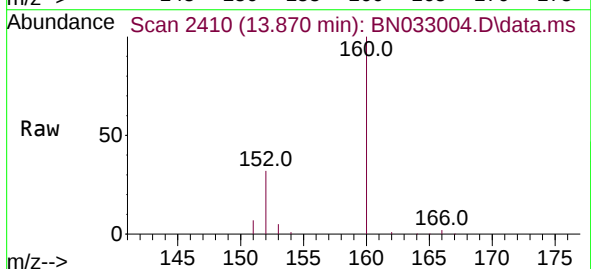
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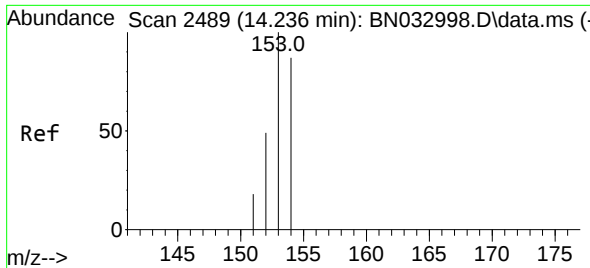
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 13.870 min Scan# 2410
Delta R.T. -0.028 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

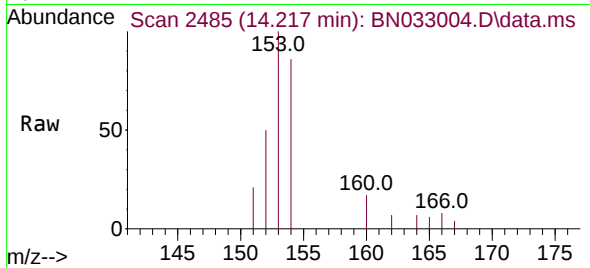
Tgt Ion:152 Resp: 9871
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.8 11.9 17.9





#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.018 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

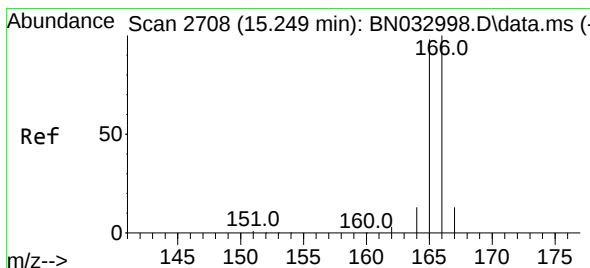
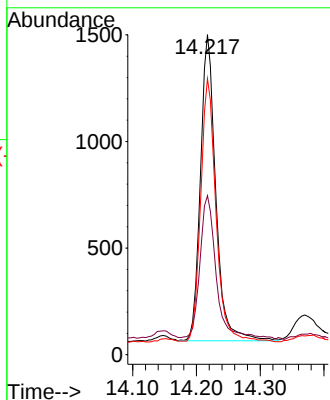
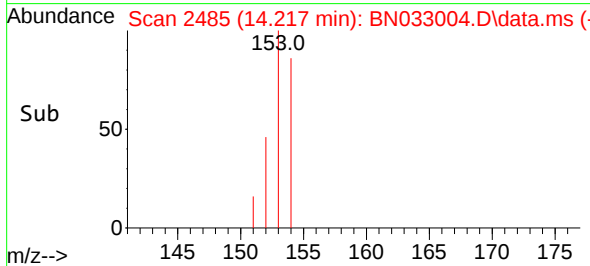
Instrument :
BNA_N
ClientSampleId :
A4CL9



Tgt Ion:153 Resp: 2408
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 86.3 70.1 105.1

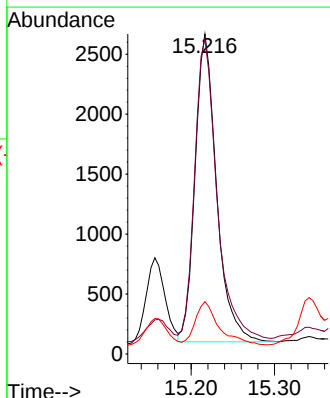
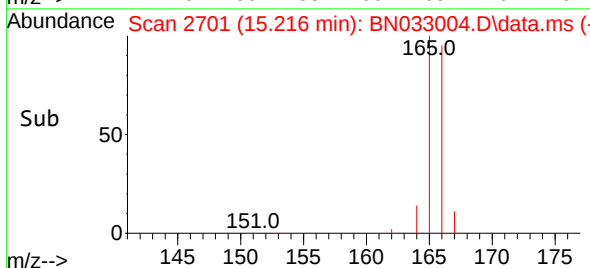
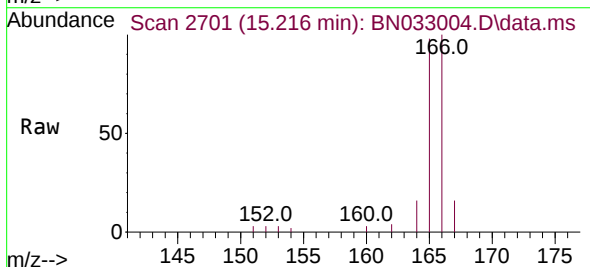
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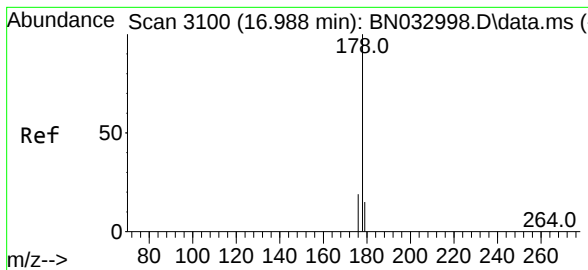
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#12
Fluorene
Concen: 0.192 ng/ul
RT: 15.216 min Scan# 2701
Delta R.T. -0.028 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

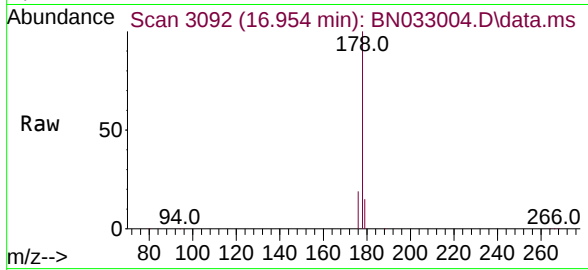
Tgt Ion:166 Resp: 4622
Ion Ratio Lower Upper
166 100
165 98.3 79.6 119.4
167 16.4 12.2 18.4





#15
 Phenanthrene
 Concen: 2.283 ng/ul m
 RT: 16.954 min Scan# 3092
 Delta R.T. -0.034 min
 Lab File: BN033004.D
 Acq: 26 Jul 2024 19:27

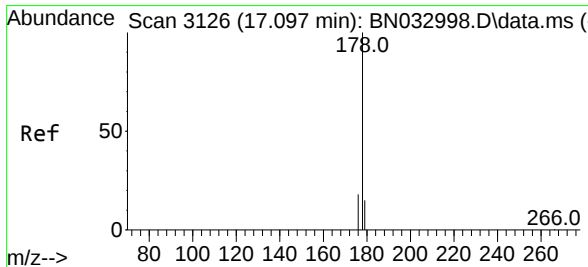
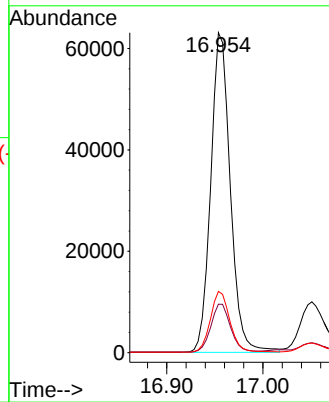
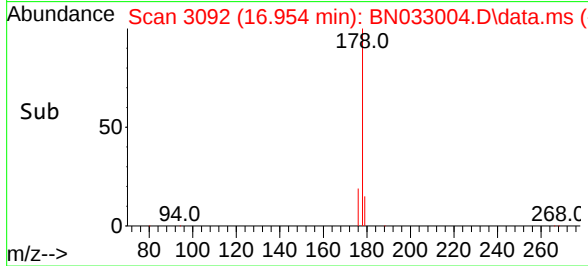
Instrument :
 BNA_N
 ClientSampleId :
 A4CL9



Tgt Ion:	178	Resp:	89279
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.7	20.5
176	19.2	15.9	23.9

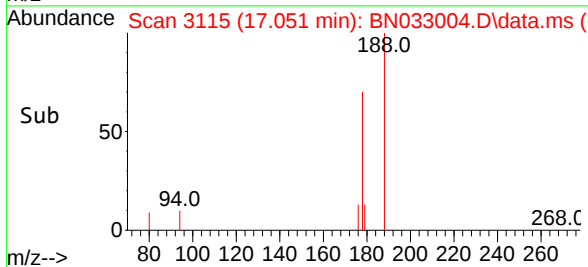
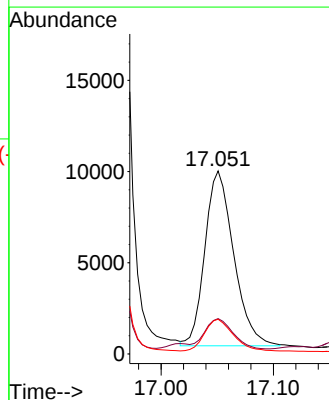
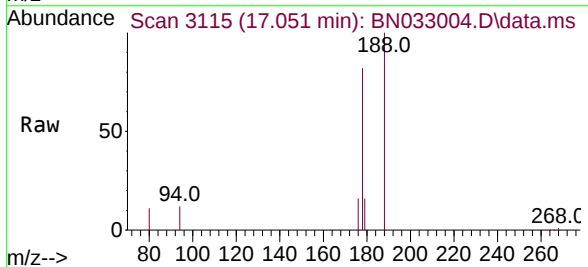
Manual Integrations
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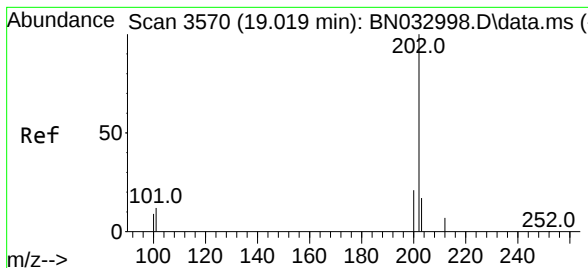
Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 08/13/2024



#16
 Anthracene
 Concen: 0.487 ng/ul m
 RT: 17.051 min Scan# 3115
 Delta R.T. -0.034 min
 Lab File: BN033004.D
 Acq: 26 Jul 2024 19:27

Tgt Ion:	178	Resp:	17130
Ion Ratio	Lower	Upper	
178	100		
179	19.4	14.3	21.5
176	19.0	15.8	23.8





#19

Fluoranthene

Concen: 3.527 ng/u1

RT: 18.991 min Scan# 3564

Delta R.T. -0.023 min

Lab File: BN033004.D

Acq: 26 Jul 2024 19:27

Instrument :

BNA_N

ClientSampleId :

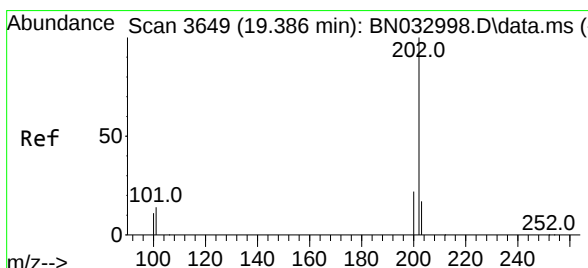
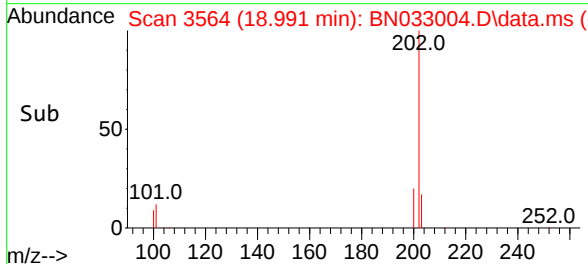
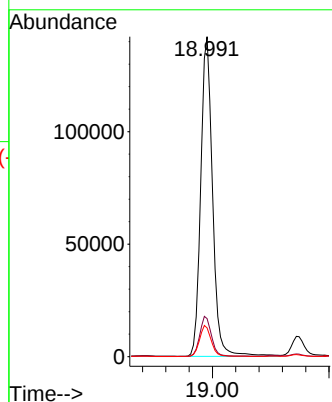
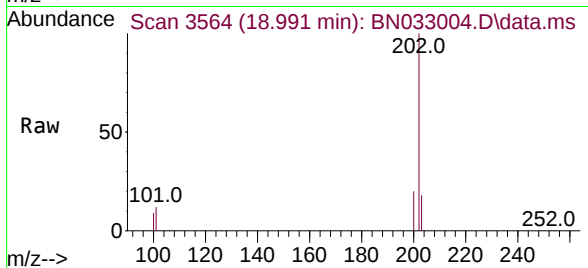
A4CL9

Tgt Ion:202 Resp: 20019
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.7 16.1
 100 9.0 8.3 12.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 08/13/2024



#20

Pyrene

Concen: 2.754 ng/u1

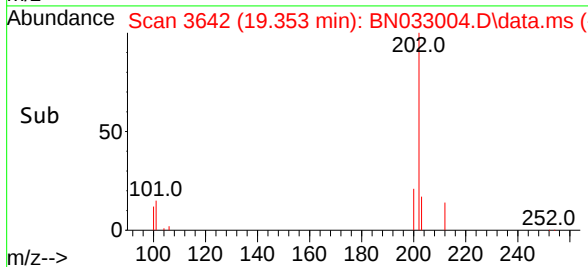
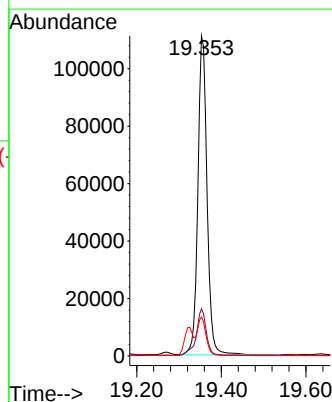
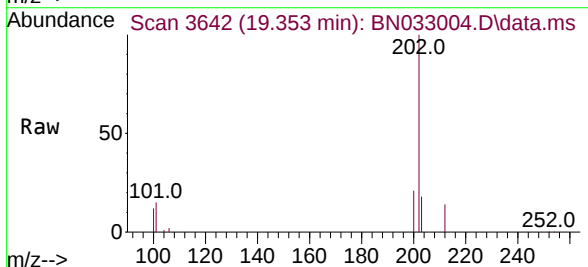
RT: 19.353 min Scan# 3642

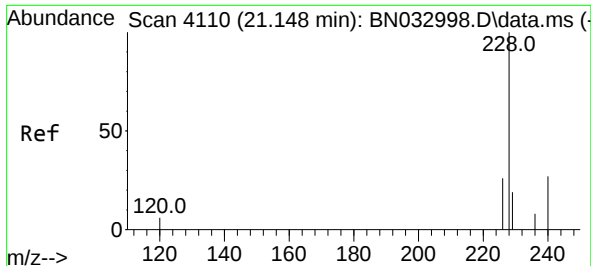
Delta R.T. -0.028 min

Lab File: BN033004.D

Acq: 26 Jul 2024 19:27

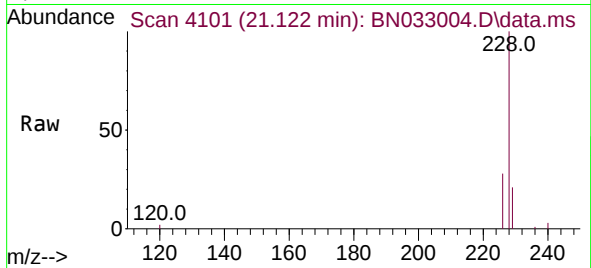
Tgt Ion:202 Resp: 167646
 Ion Ratio Lower Upper
 202 100
 101 14.7 12.6 18.8
 100 12.2 9.9 14.9





#21
Benzo(a)anthracene
Concen: 1.937 ng/ul
RT: 21.122 min Scan# 4110
Delta R.T. -0.023 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

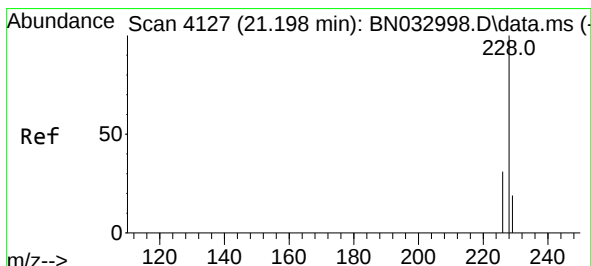
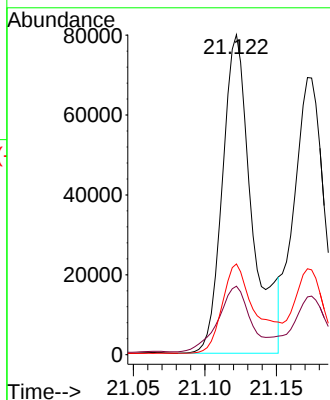
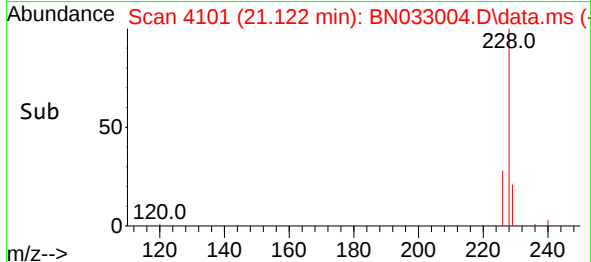
Instrument :
BNA_N
ClientSampleId :
A4CL9



Tgt Ion:228 Resp: 11391
Ion Ratio Lower Upper
228 100
229 21.4 17.1 25.7
226 28.3 22.4 33.6

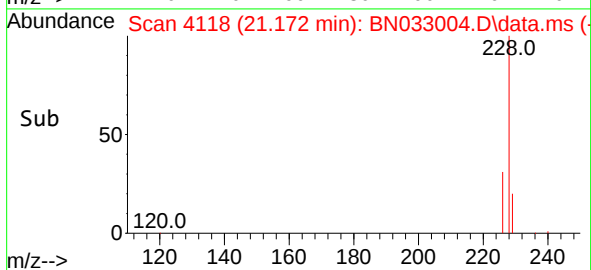
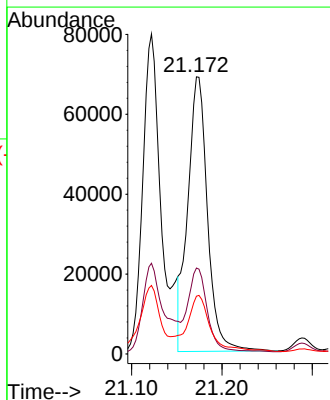
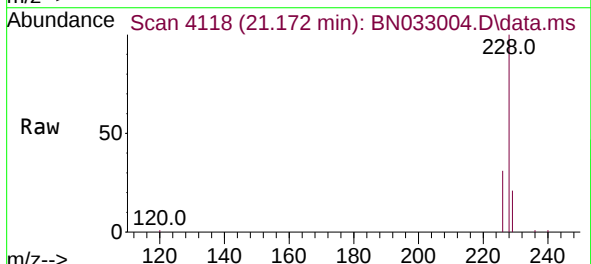
Manual Integrations
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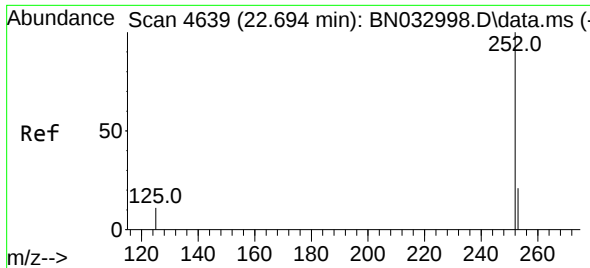
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 1.521 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.023 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

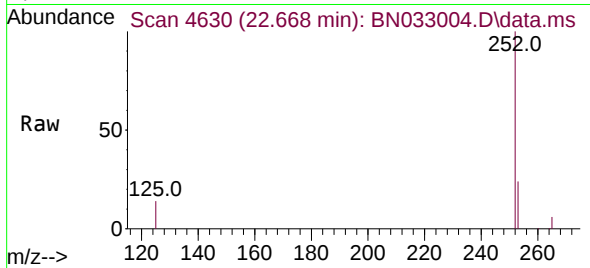
Tgt Ion:228 Resp: 104365
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.8 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 2.680 ng/ul m
RT: 22.668 min Scan# 4630
Delta R.T. -0.026 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

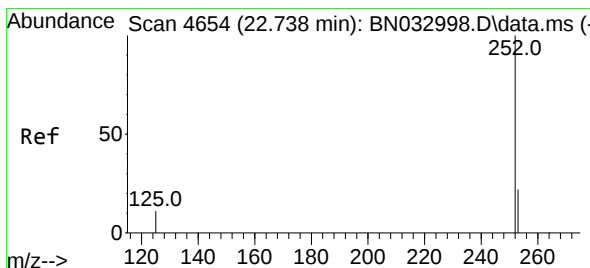
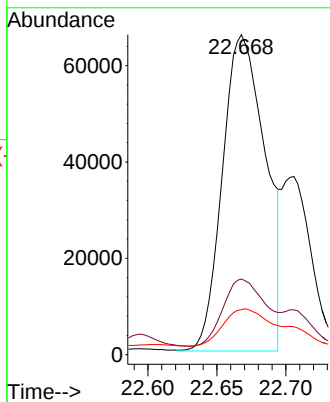
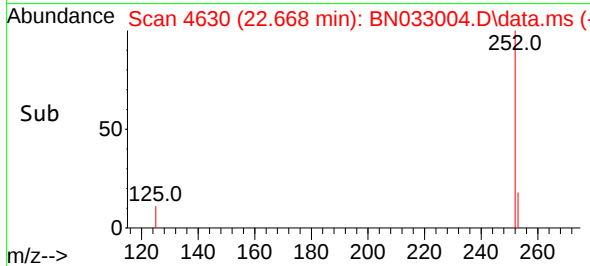
Instrument :
BNA_N
ClientSampleId :
A4CL9



Tgt Ion:252 Resp: 142080
Ion Ratio Lower Upper
252 100
253 23.7 0.0 60.6
125 14.1 0.0 51.0

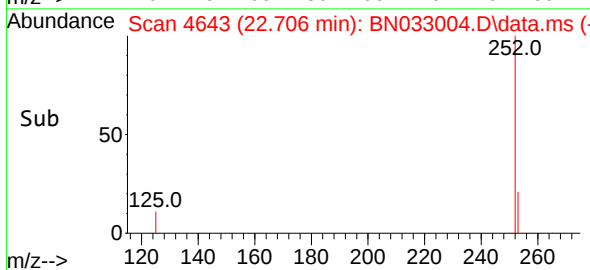
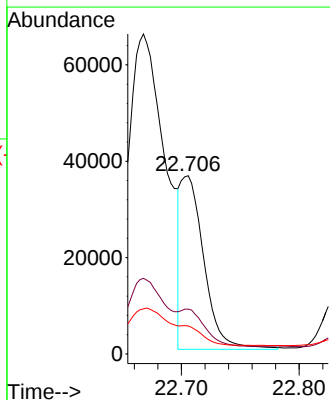
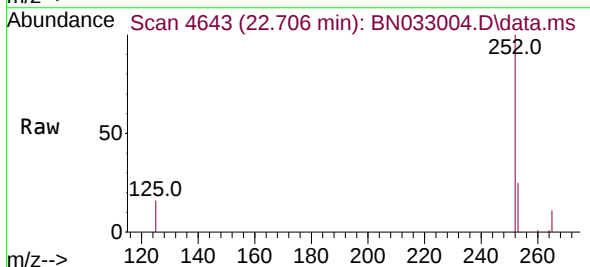
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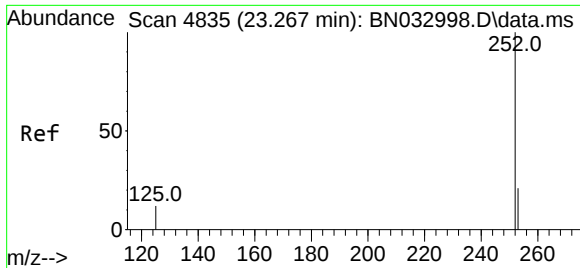
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.781 ng/ul m
RT: 22.706 min Scan# 4643
Delta R.T. -0.029 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

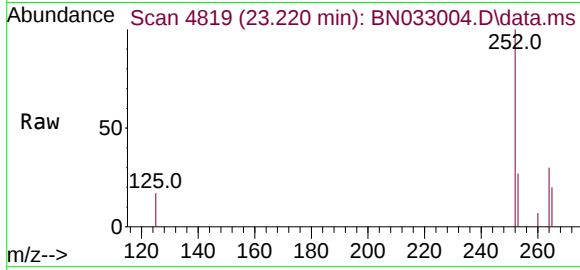
Tgt Ion:252 Resp: 49624
Ion Ratio Lower Upper
252 100
253 25.1 24.9 37.3
125 15.7 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 1.170 ng/ul
RT: 23.220 min Scan# 4835
Delta R.T. -0.041 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

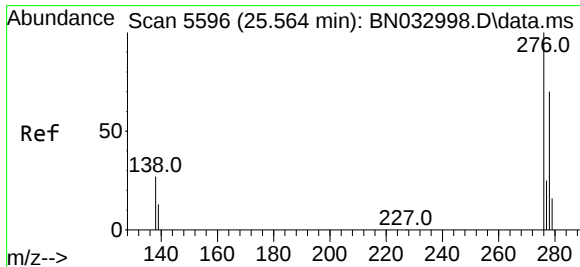
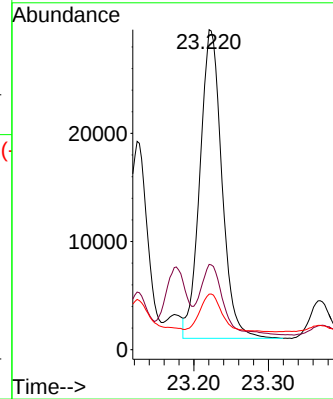
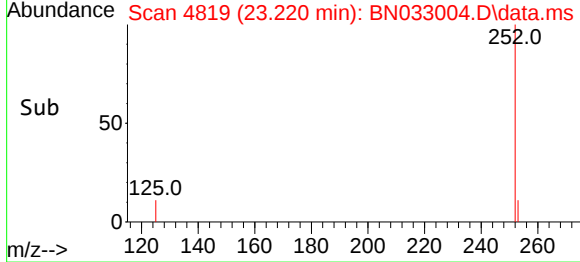
Instrument :
BNA_N
ClientSampleId :
A4CL9



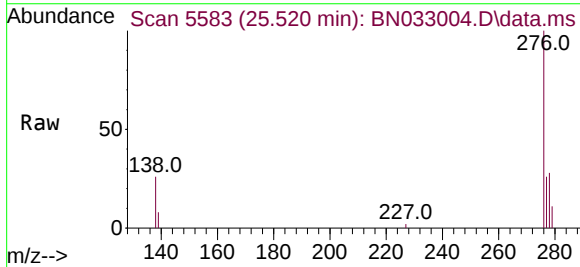
Tgt Ion:252 Resp: 5835
Ion Ratio Lower Upper
252 100
253 26.6 27.5 41.3
125 17.4 27.0 40.6

Manual Integrations
APPROVED

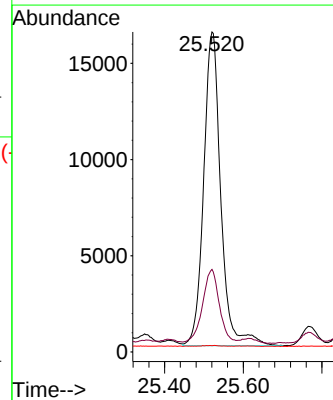
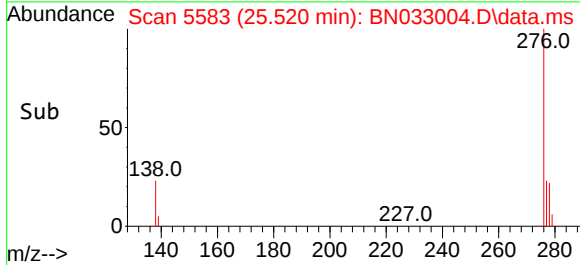
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

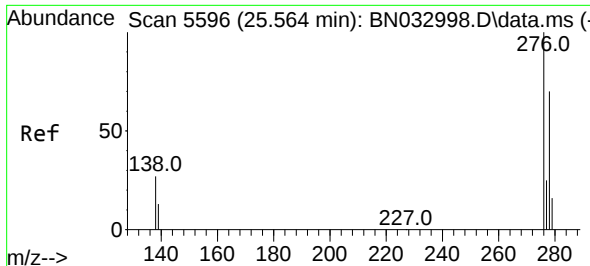


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.650 ng/ul
RT: 25.520 min Scan# 5583
Delta R.T. -0.040 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27



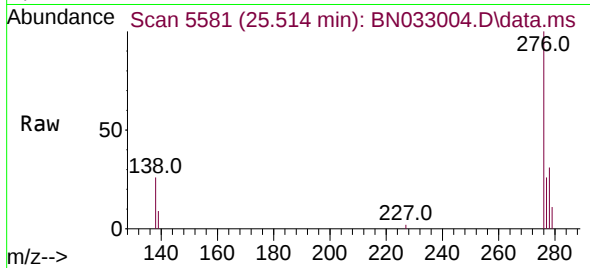
Tgt Ion:276 Resp: 49289
Ion Ratio Lower Upper
276 100
138 22.9 21.8 32.8
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 25.514 min Scan# 514
Delta R.T. -0.047 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

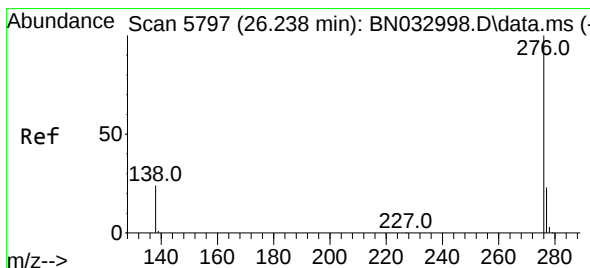
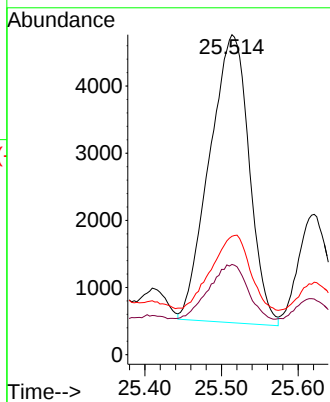
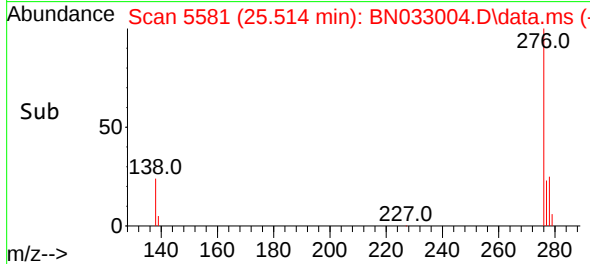
Instrument :
BNA_N
ClientSampleId :
A4CL9



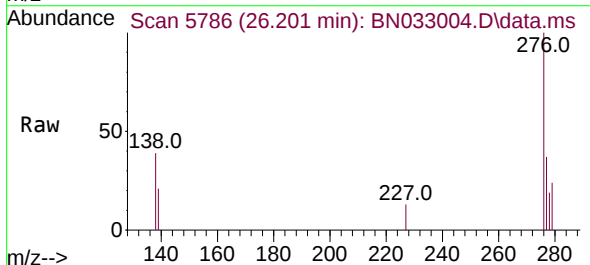
Tgt Ion:278 Resp: 15400
Ion Ratio Lower Upper
278 100
139 28.2 22.5 33.7
279 37.0 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.117 ng/ul
RT: 26.201 min Scan# 5786
Delta R.T. -0.040 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27



Tgt Ion:276 Resp: 7076
Ion Ratio Lower Upper
276 100
138 39.0 24.6 37.0#
277 37.2 22.6 34.0#

