

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032293.D
 Acq On : 27 Jun 2024 23:07
 Operator : MA/JU
 Sample : P2909-01DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B75DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:25 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	7.620	152	7876	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	22354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	11849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	22517	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.217	240	18212	0.400	ng/ul	# 0.00
23) Perylene-d12	23.433	264	22268	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	7162	0.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1678	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	3231	0.059	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	2403	0.041	ng/ul#	85
7) 2-Methylnaphthalene	12.070	142	1259	0.032	ng/ul	92
8) 1-Methylnaphthalene	12.290	142	911	0.022	ng/ul	99
10) Acenaphthylene	13.985	152	4714	0.096	ng/ul#	90
11) Acenaphthene	14.327	153	3341	0.087	ng/ul	97
12) Fluorene	15.317	166	3879	0.085	ng/ul#	95
15) Phenanthrene	17.058	178	72142	1.169	ng/ul	99
16) Anthracene	17.151	178	15066	0.274	ng/ul#	92
19) Fluoranthene	19.083	202	136829	1.973	ng/ul	99
20) Pyrene	19.450	202	99798	1.377	ng/ul	97
21) Benzo(a)anthracene	21.200	228	55828	0.849	ng/ul#	94
22) Chrysene	21.252	228	67446	0.935	ng/ul#	94
24) Benzo(b)fluoranthene	22.769	252	88729m	0.917	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	32823m	0.349	ng/ul	
26) Benzo(a)pyrene	23.336	252	31605	0.470	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.673	276	36242	0.344	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.676	278	11834	0.151	ng/ul#	48
29) Benzo(g,h,i)perylene	26.361	276	7003	0.083	ng/ul#	51

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

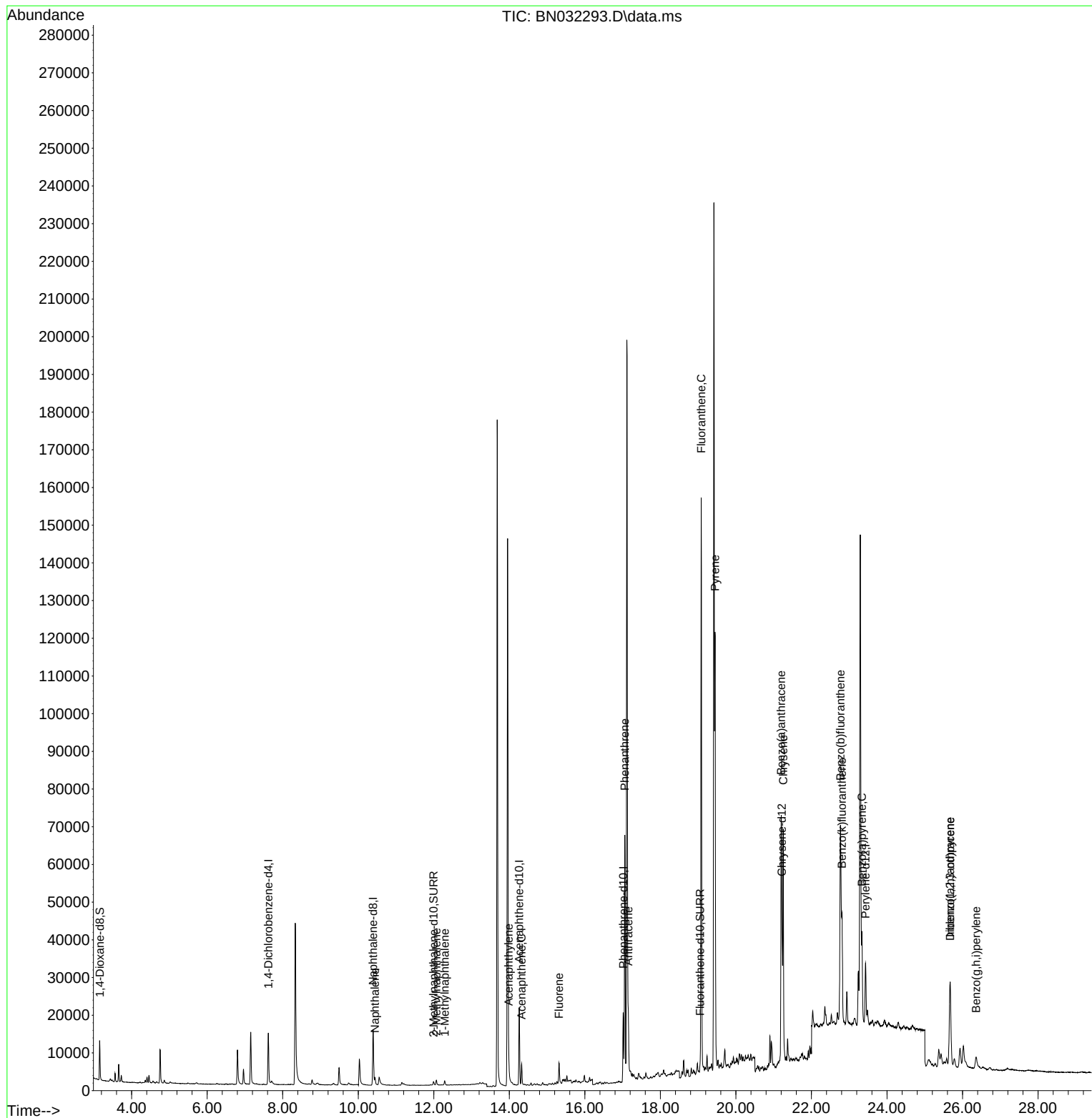
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032293.D
Acq On : 27 Jun 2024 23:07
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Misc :
ALS Vial : 22 Sample Multiplier: 1

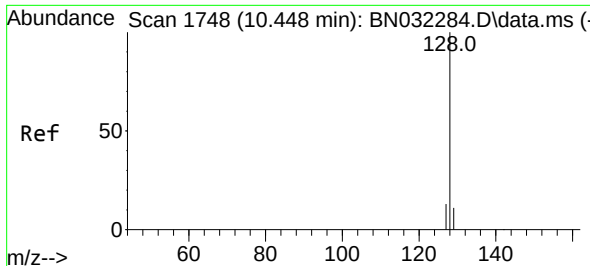
Instrument :
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ClientSampleId :
A4B75DL

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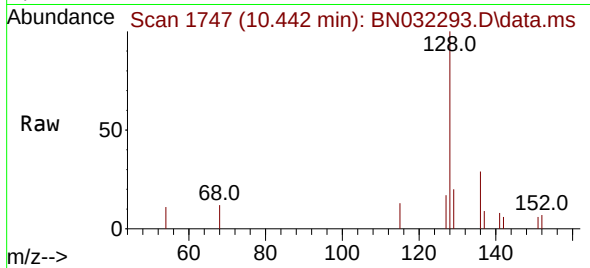
Quant Time: Jun 28 00:28:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

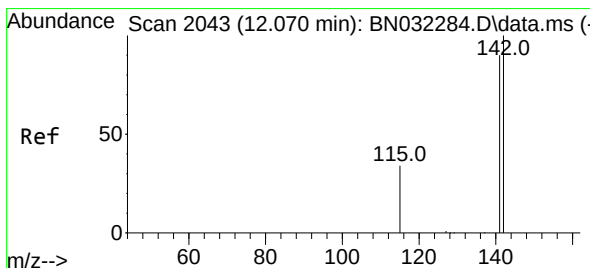
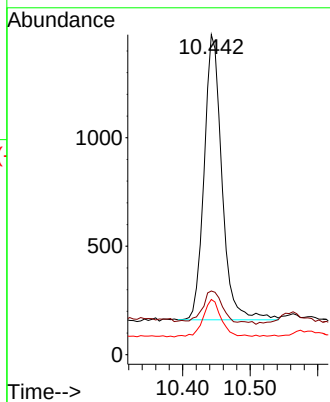
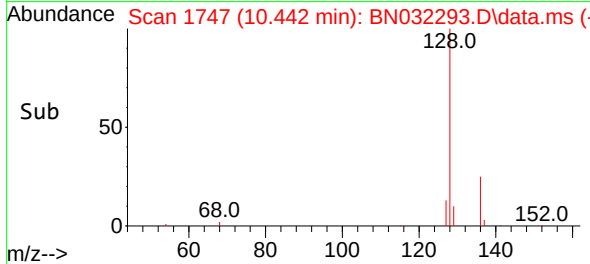
Instrument :
BNA_N
ClientSampleId :
A4B75DL



Tgt Ion:128 Resp: 240
Ion Ratio Lower Upper
128 100
129 19.9 9.2 13.8
127 17.3 10.8 16.2

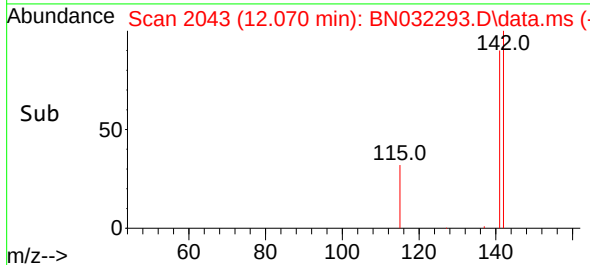
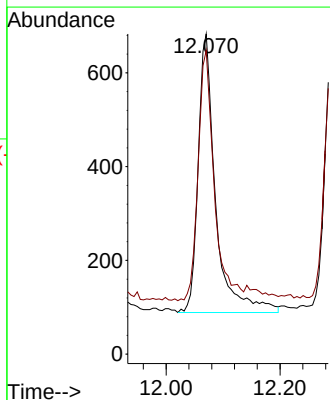
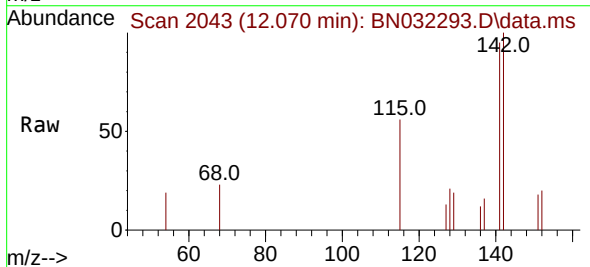
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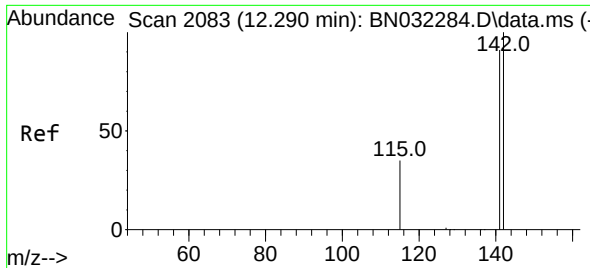
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

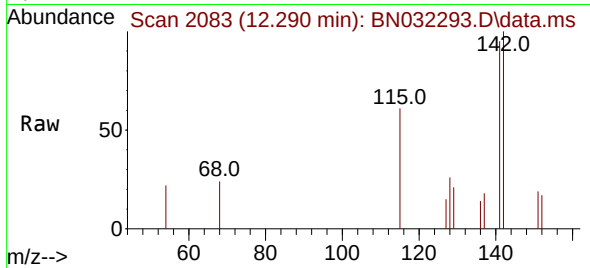
Tgt Ion:142 Resp: 1259
Ion Ratio Lower Upper
142 100
141 83.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

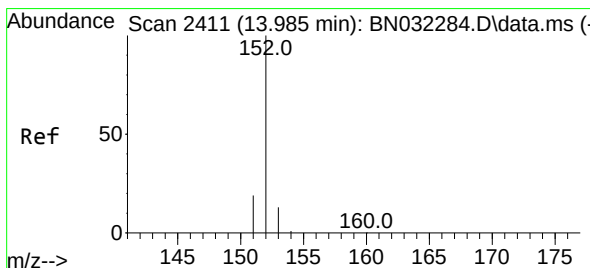
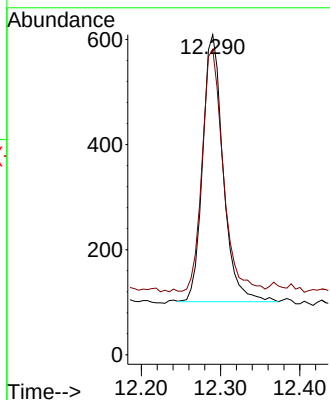
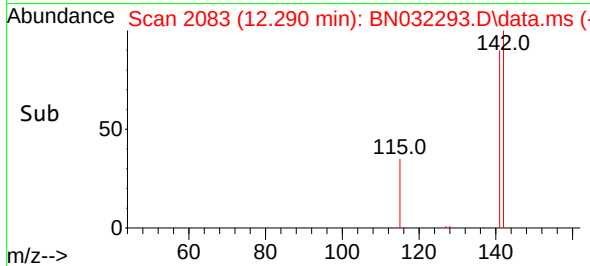
Instrument :
BNA_N
ClientSampleId :
A4B75DL



Tgt Ion:142 Resp: 911
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0

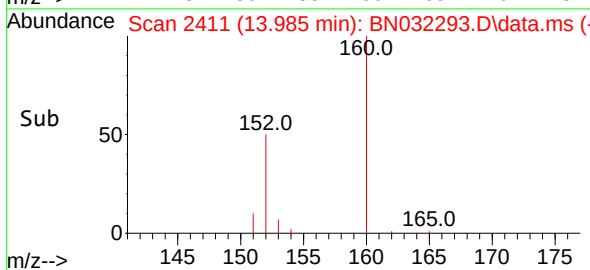
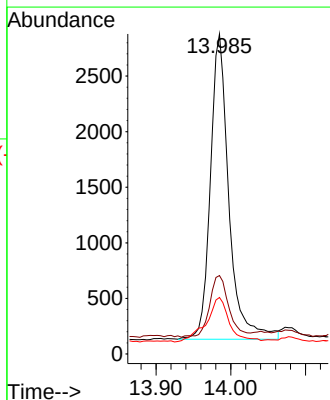
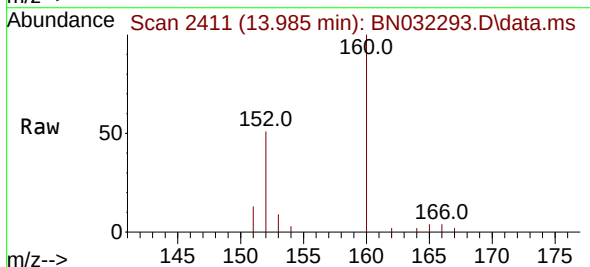
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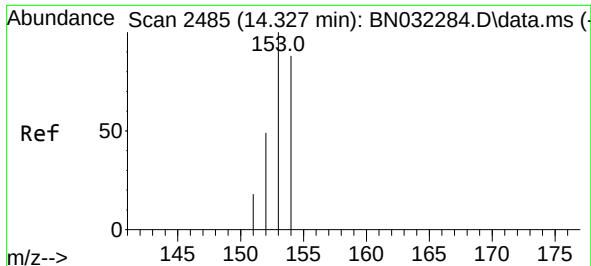
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#10
Acenaphthylene
Concen: 0.096 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

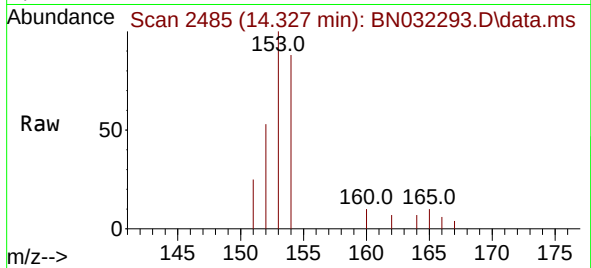
Tgt Ion:152 Resp: 4714
Ion Ratio Lower Upper
152 100
151 24.5 15.7 23.5#
153 17.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.087 ng/u1
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

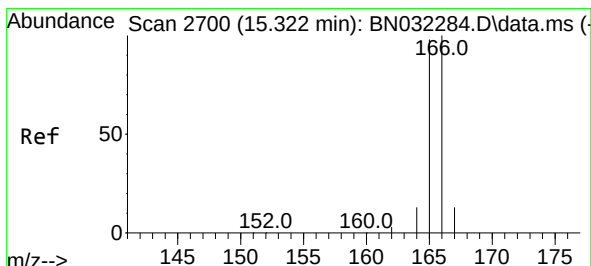
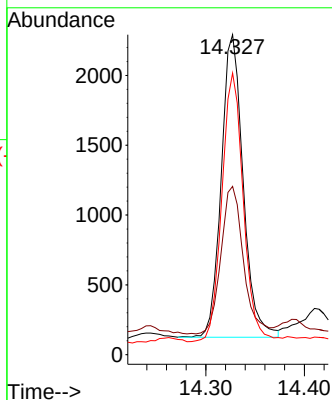
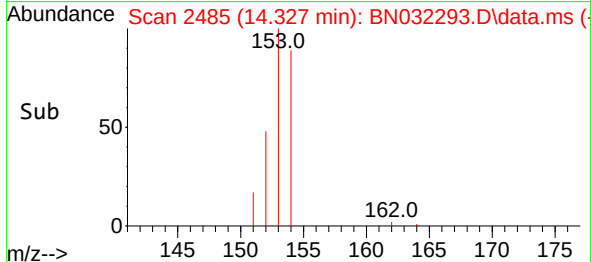
Instrument :
BNA_N
ClientSampleId :
A4B75DL



Tgt Ion:153 Resp: 334
Ion Ratio Lower Upper
153 100
152 52.6 39.5 59.3
154 88.0 71.7 107.5

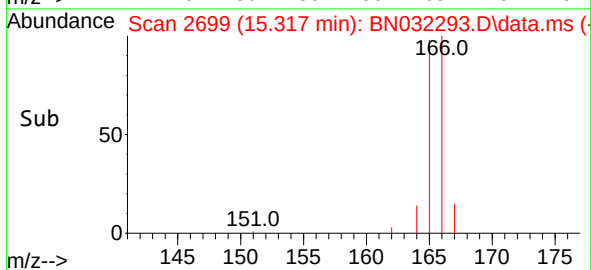
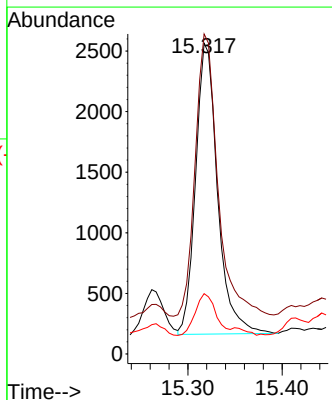
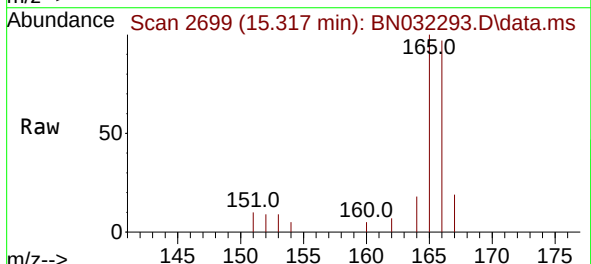
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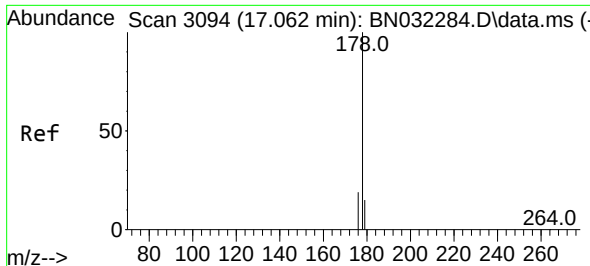
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.085 ng/u1
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

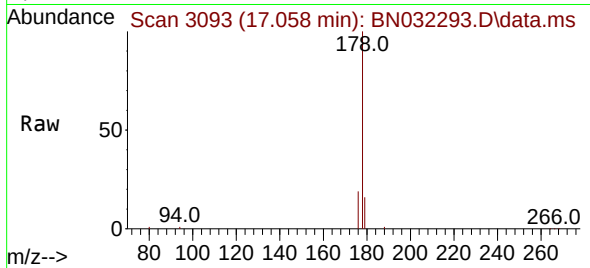
Tgt Ion:166 Resp: 3879
Ion Ratio Lower Upper
166 100
165 103.0 79.0 118.6
167 19.4 11.0 16.6#





#15
Phenanthrene
Concen: 1.169 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

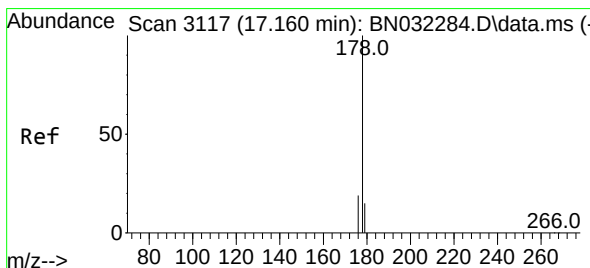
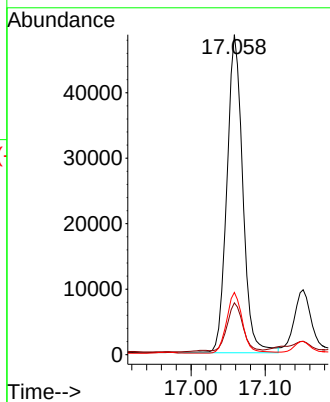
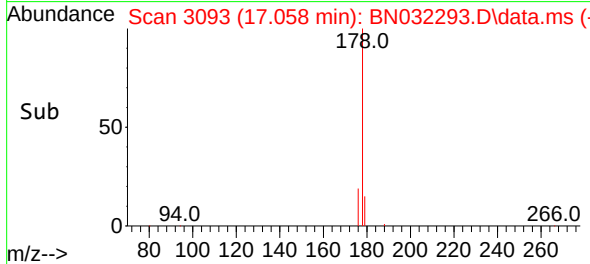
Instrument :
BNA_N
ClientSampleId :
A4B75DL



Tgt Ion:178 Resp: 7214
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.4 15.6 23.4

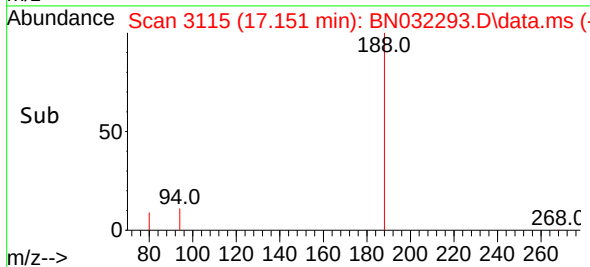
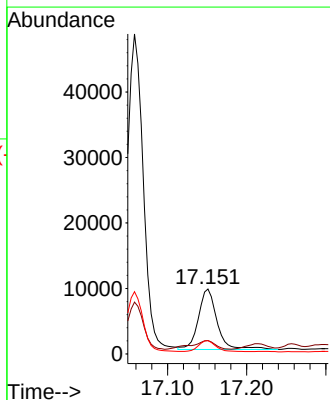
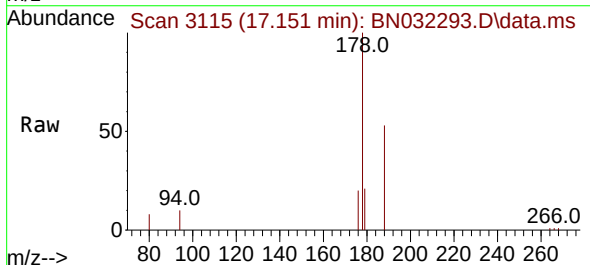
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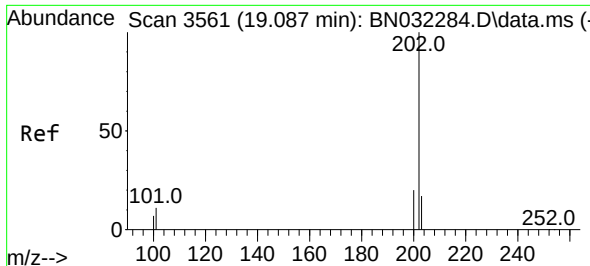
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#16
Anthracene
Concen: 0.274 ng/ul
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

Tgt Ion:178 Resp: 15066
Ion Ratio Lower Upper
178 100
179 20.8 12.5 18.7#
176 20.4 15.0 22.6





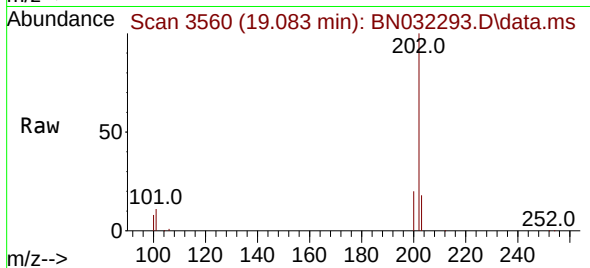
#19
Fluoranthene
Concen: 1.973 ng/ul
RT: 19.083 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

Instrument :

BNA_N

ClientSampleId :

A4B75DL



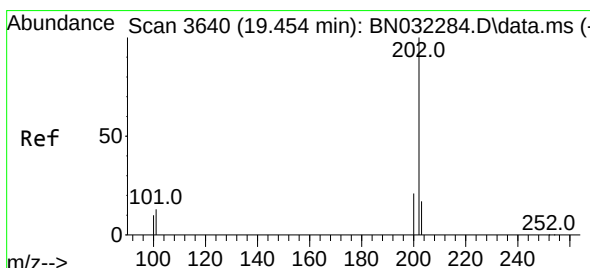
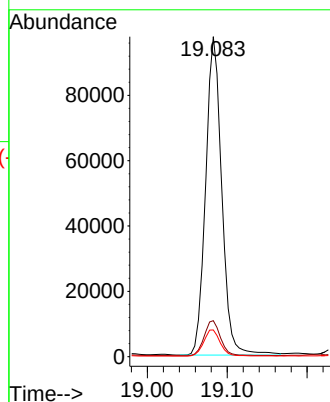
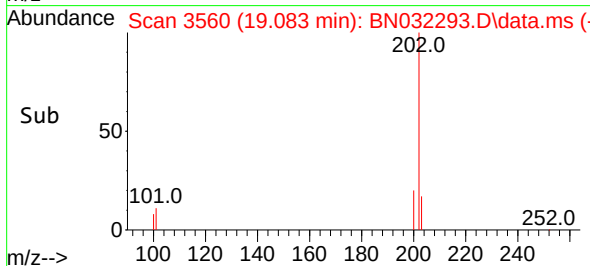
Tgt Ion:202 Resp: 136829
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.4 6.4 9.6

Manual Integrations

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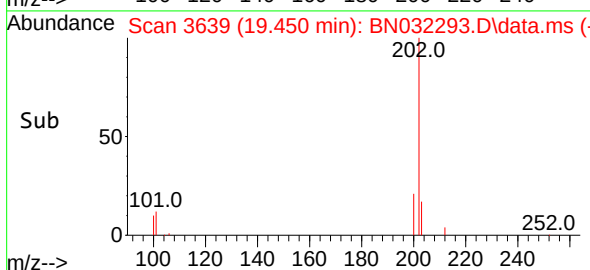
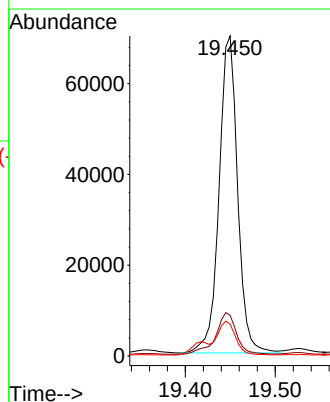
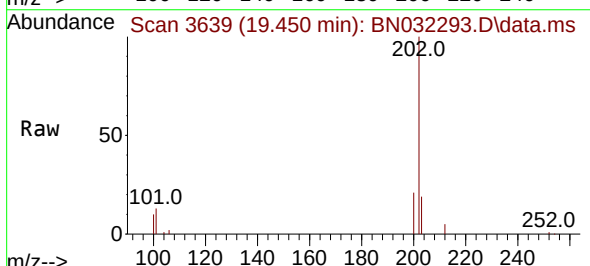
Reviewed By :Yogesh Patel 06/28/2024

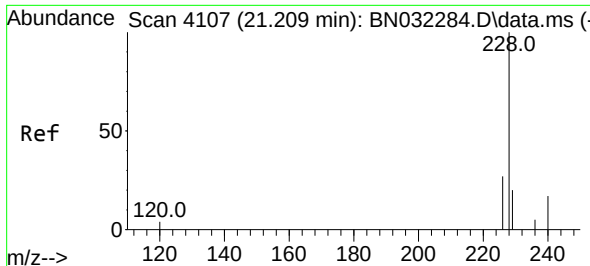
Supervised By :mohammad ahmed 06/28/2024



#20
Pyrene
Concen: 1.377 ng/ul
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

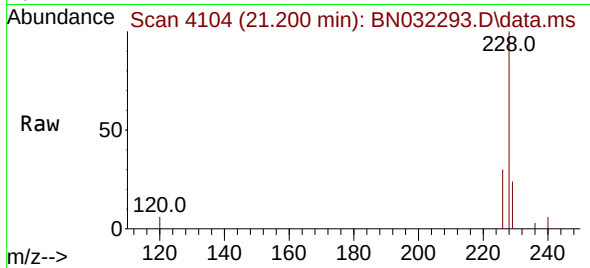
Tgt Ion:202 Resp: 99798
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 9.9 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.849 ng/ul
RT: 21.200 min Scan# 4107
Delta R.T. -0.015 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

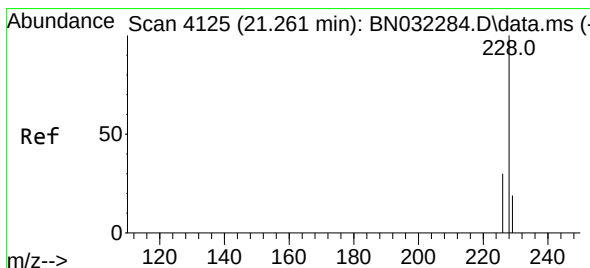
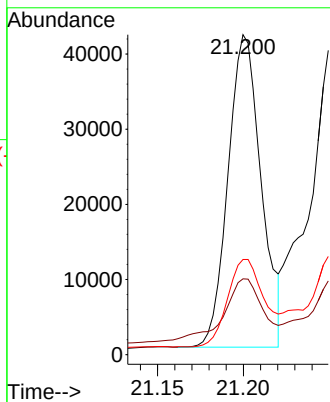
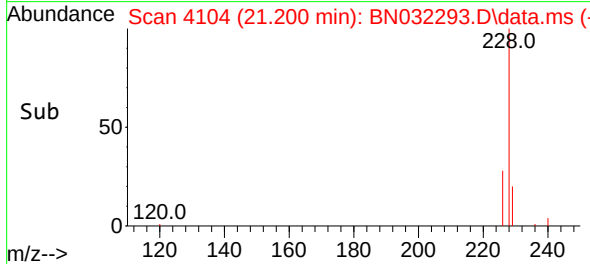
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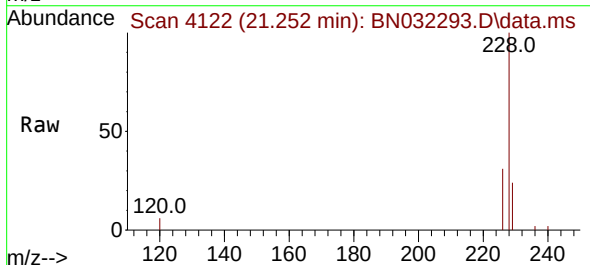
Tgt Ion:228 Resp: 55828
Ion Ratio Lower Upper
228 100
229 23.7 15.7 23.5
226 29.8 21.8 32.8

Manual Integrations
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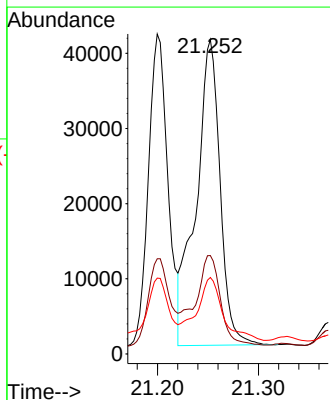
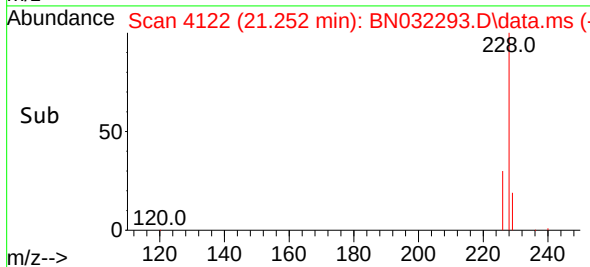
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

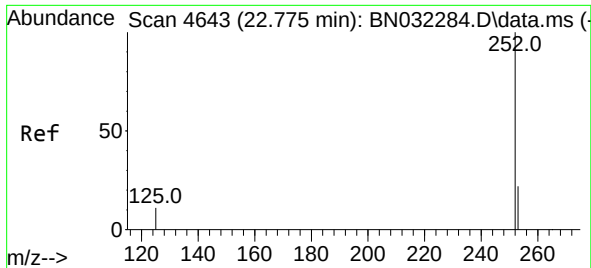


#22
Chrysene
Concen: 0.935 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07



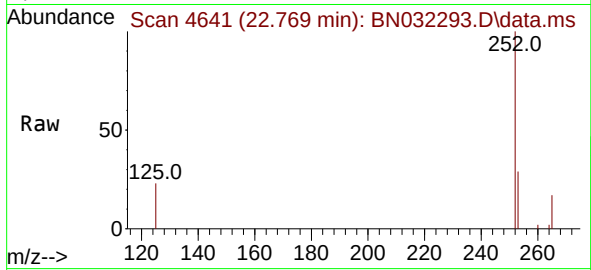
Tgt Ion:228 Resp: 67446
Ion Ratio Lower Upper
228 100
226 31.3 23.6 35.4
229 24.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.917 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

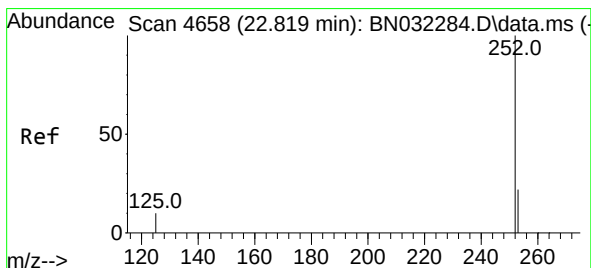
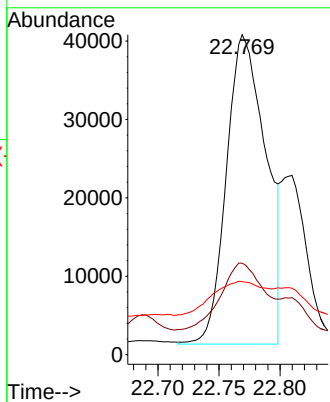
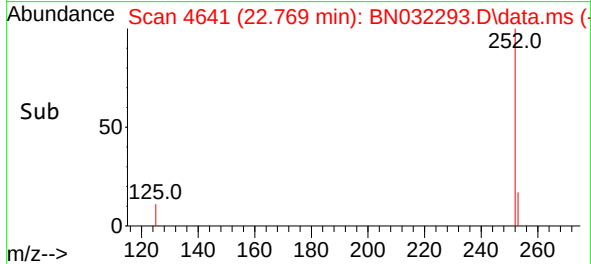
Instrument :
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A4B75DL



Tgt Ion:252 Resp: 88729
Ion Ratio Lower Upper
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253 28.6 0.0 50.2
125 22.8 0.0 32.0

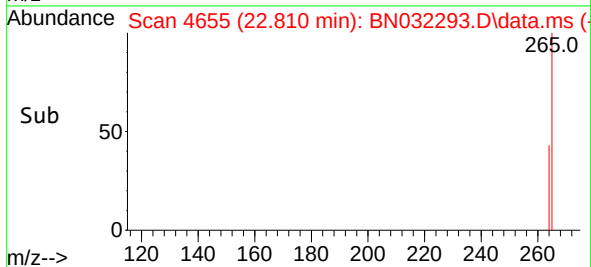
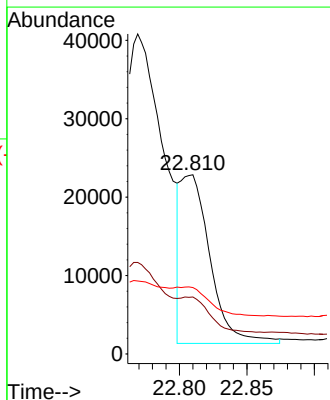
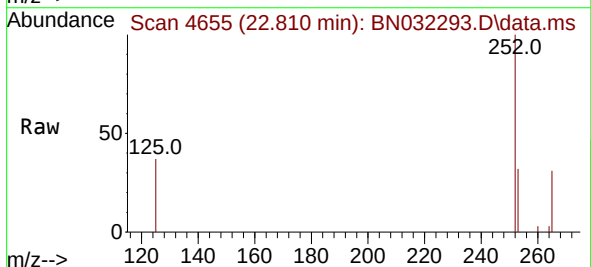
Manual Integrations
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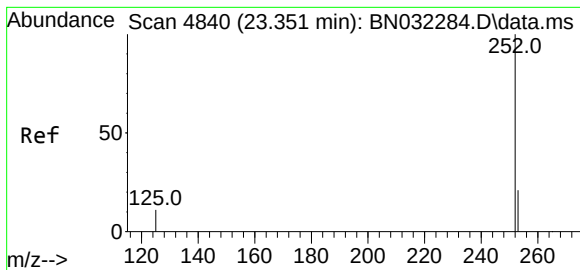
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul m
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

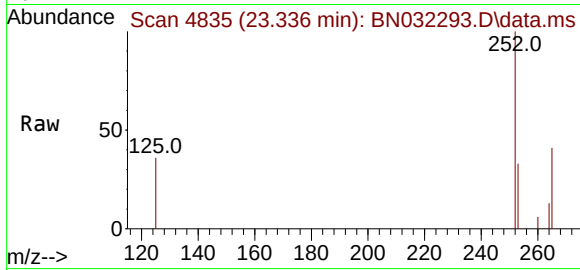
Tgt Ion:252 Resp: 32823
Ion Ratio Lower Upper
252 100
253 31.8 20.3 30.5#
125 37.1 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.470 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. -0.023 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

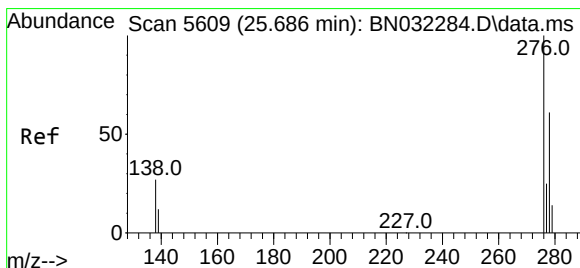
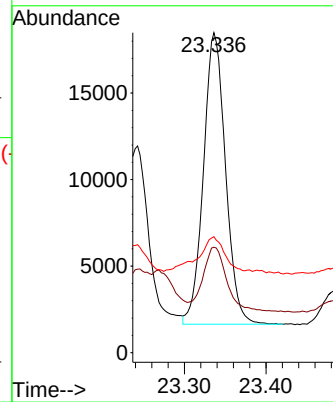
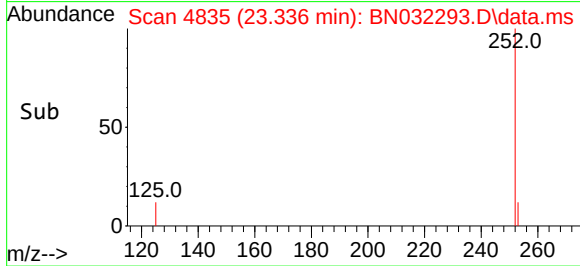
Instrument :
BNA_N
ClientSampleId :
A4B75DL



Tgt Ion:252 Resp: 3160
Ion Ratio Lower Upper
252 100
253 33.0 22.2 33.2
125 36.2 16.4 24.6

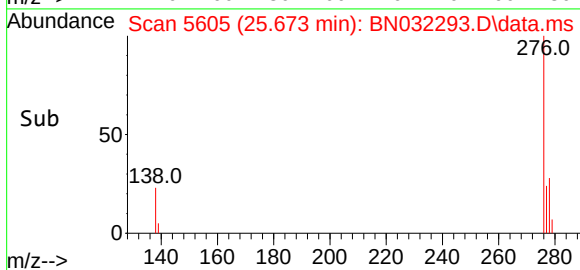
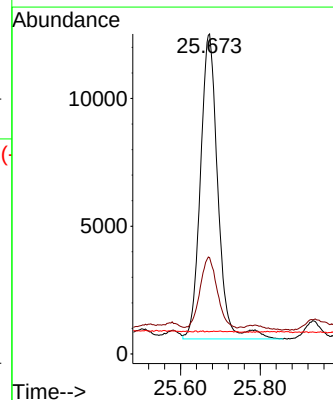
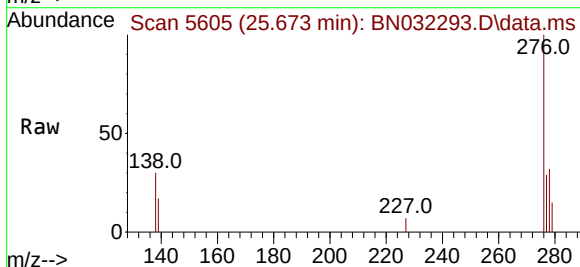
Manual Integrations
APPROVED

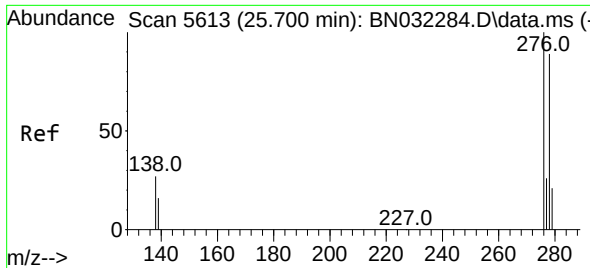
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

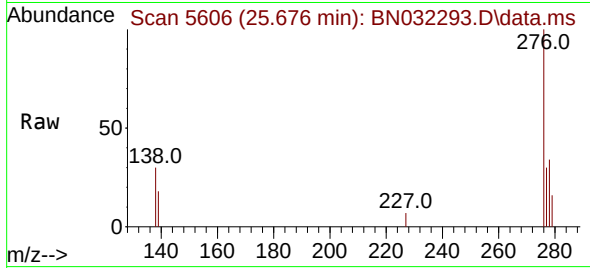
Tgt Ion:276 Resp: 36242
Ion Ratio Lower Upper
276 100
138 22.9 21.3 31.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 25.676 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07

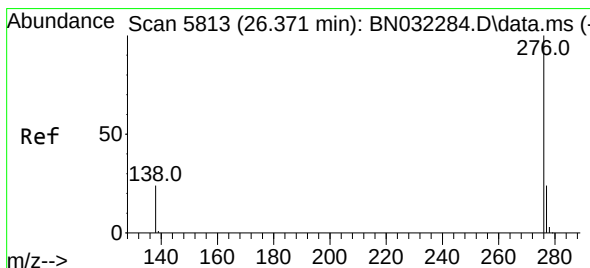
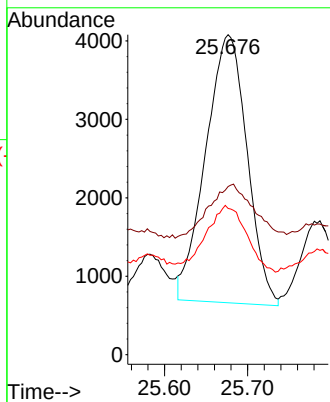
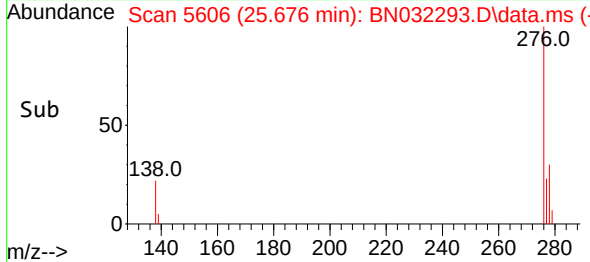
Instrument :
BNA_N
ClientSampleId :
A4B75DL



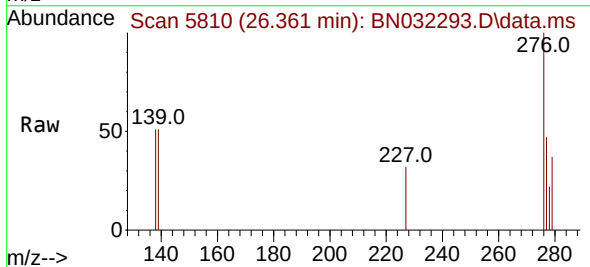
Tgt Ion:278 Resp: 11834
Ion Ratio Lower Upper
278 100
139 52.6 15.9 23.9#
279 45.7 21.1 31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#29
Benzo(g,h,i)perylene
Concen: 0.083 ng/ul
RT: 26.361 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032293.D
Acq: 27 Jun 2024 23:07



Tgt Ion:276 Resp: 7003
Ion Ratio Lower Upper
276 100
138 51.0 19.8 29.6#
277 47.3 19.8 29.6#

