

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032287.D
 Acq On : 27 Jun 2024 19:29
 Operator : MA/JU
 Sample : P2909-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B76

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 00:27:23 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	8734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	25336	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	13479	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	24889m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	16201m	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	20090m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	37387	3.851	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	10106	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	18434m	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	11248	0.168	ng/ul	98
7) 2-Methylnaphthalene	12.065	142	5365	0.121	ng/ul	98
8) 1-Methylnaphthalene	12.285	142	2852	0.062	ng/ul	97
10) Acenaphthylene	13.985	152	104888	1.871	ng/ul	99
11) Acenaphthene	14.327	153	7179	0.165	ng/ul	95
12) Fluorene	15.317	166	18890	0.364	ng/ul#	96
15) Phenanthrene	17.058	178	300077m	4.398	ng/ul	
16) Anthracene	17.151	178	93744m	1.540	ng/ul	
19) Fluoranthene	19.083	202	568405m	9.214	ng/ul	
20) Pyrene	19.450	202	497298m	7.714	ng/ul	
21) Benzo(a)anthracene	21.200	228	262624m	4.491	ng/ul	
22) Chrysene	21.252	228	316925m	4.938	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	498607m	5.713	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	160324m	1.891	ng/ul	
26) Benzo(a)pyrene	23.342	252	232679m	3.831	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.680	276	233801m	2.459	ng/ul	
28) Dibenzo(a,h)anthracene	25.683	278	77977m	1.104	ng/ul	
29) Benzo(g,h,i)perylene	26.371	276	39962m	0.528	ng/ul	

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

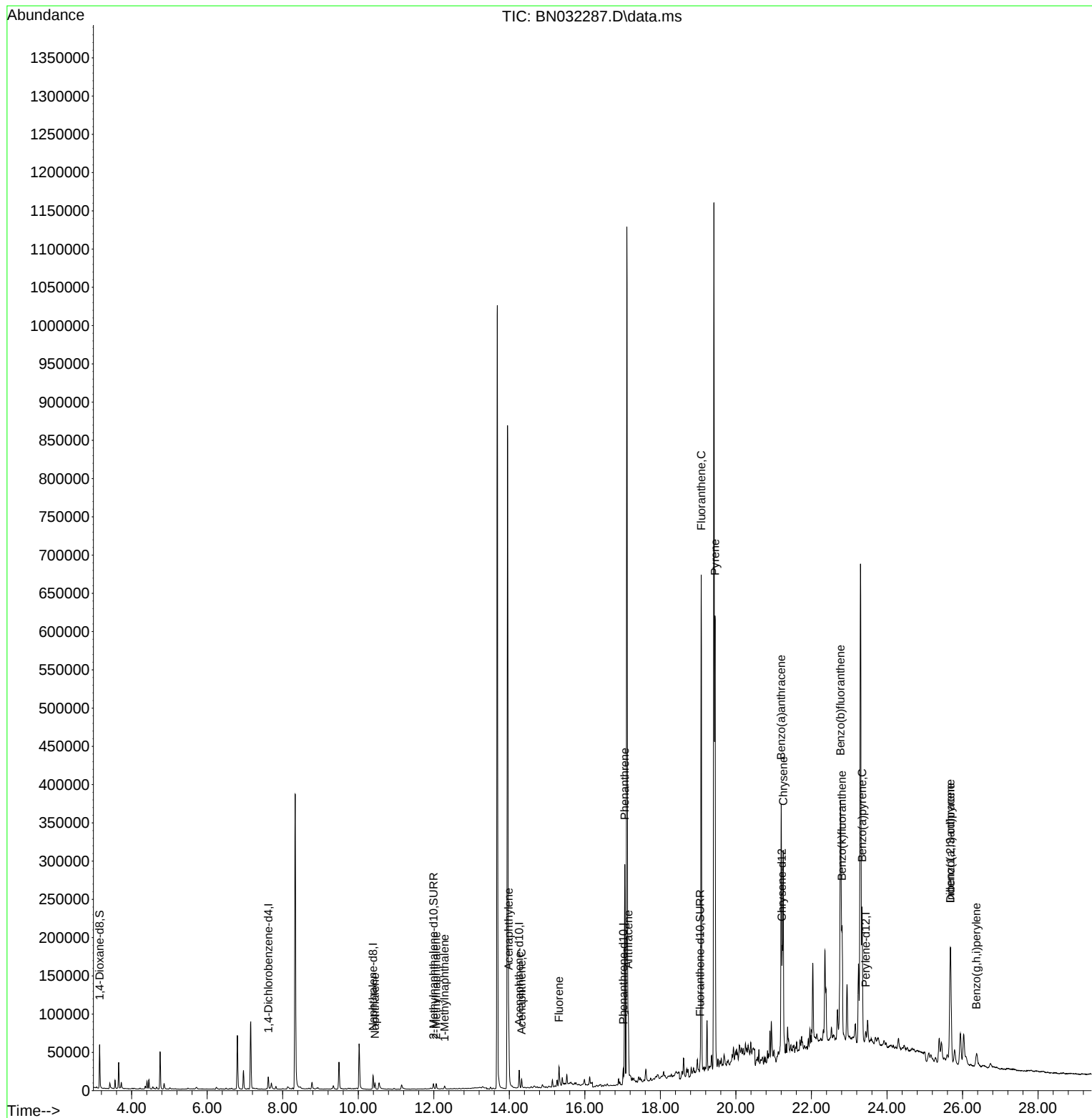
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
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ALS Vial : 16 Sample Multiplier: 1

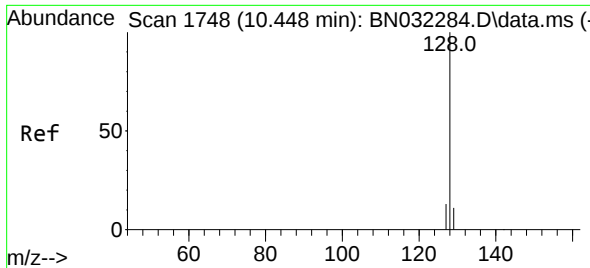
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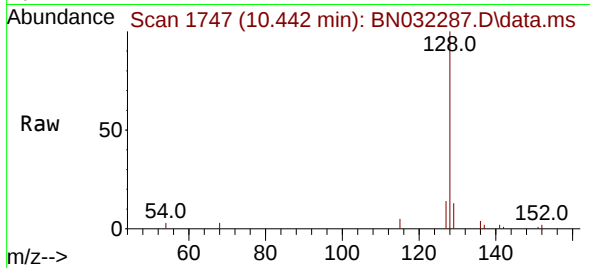
Quant Time: Jun 28 00:27:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#5
Naphthalene
Concen: 0.168 ng/ul
RT: 10.442 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

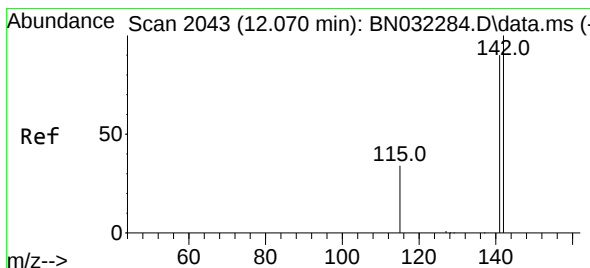
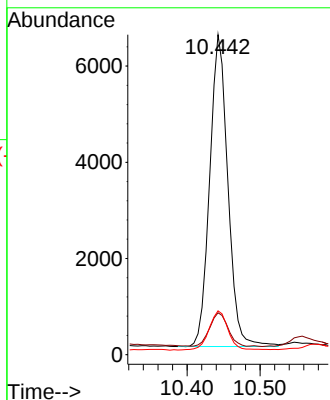
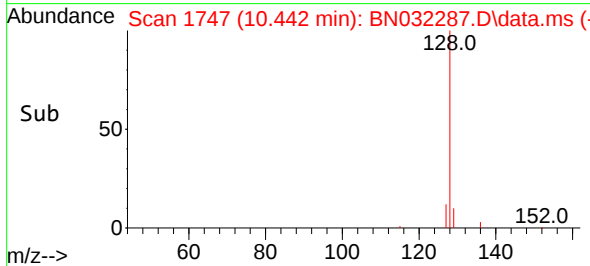
Instrument :
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ClientSampleId :
A4B76



Tgt Ion:128 Resp: 11248
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 13.7 10.8 16.2

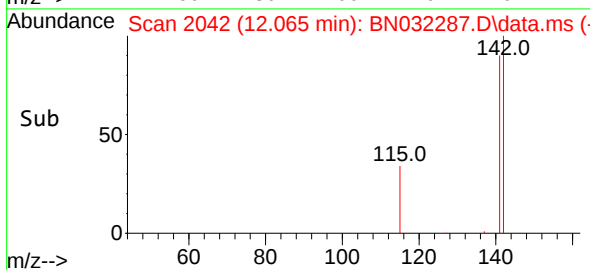
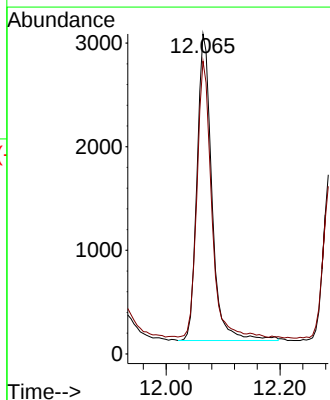
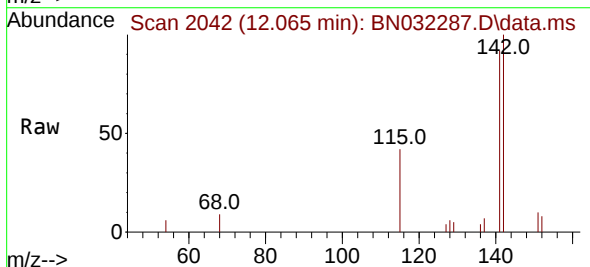
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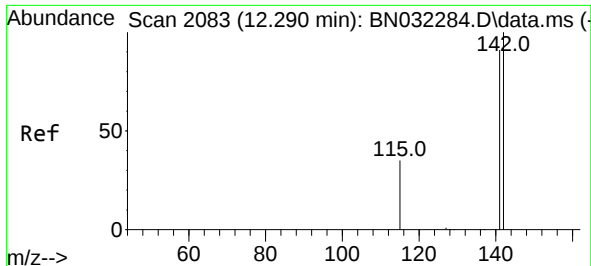
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

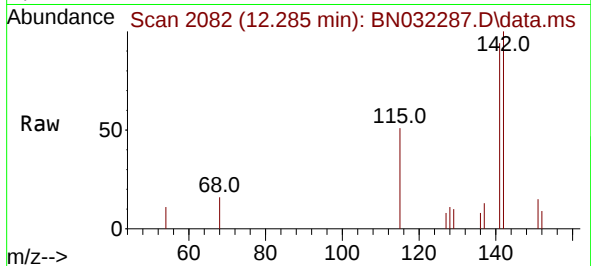
Tgt Ion:142 Resp: 5365
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

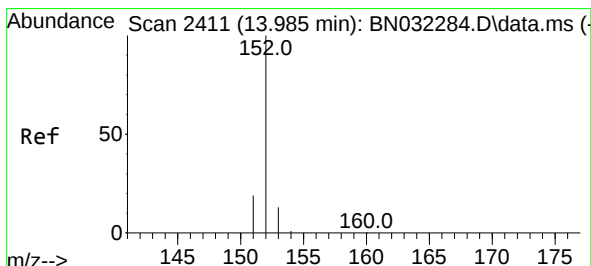
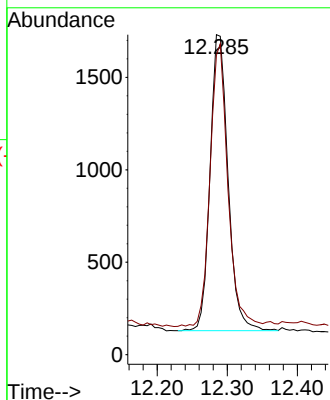
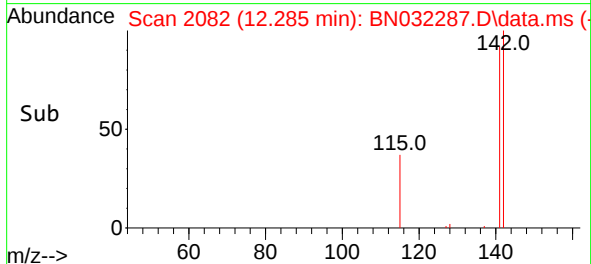
Instrument :
BNA_N
ClientSampleId :
A4B76



Tgt Ion:142 Resp: 285
Ion Ratio Lower Upper
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141 94.7 73.4 110.0

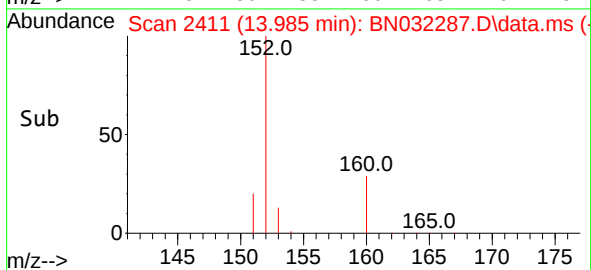
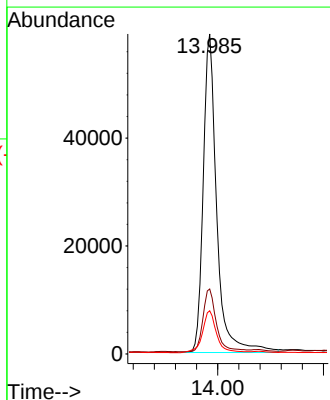
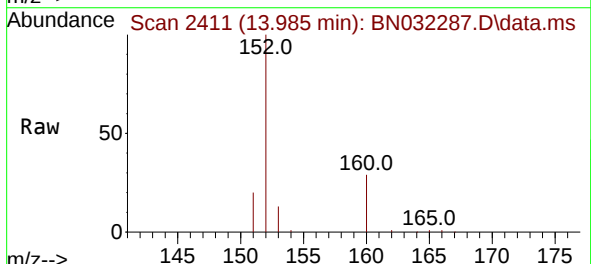
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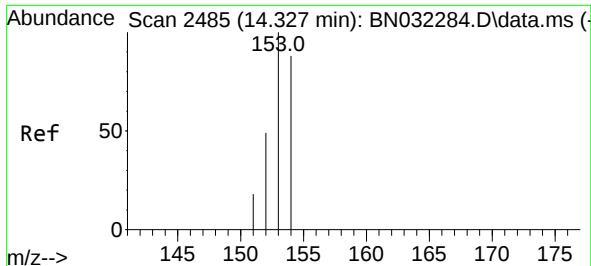
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#10
Acenaphthylene
Concen: 1.871 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

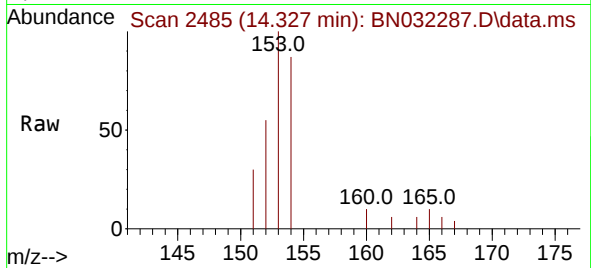
Tgt Ion:152 Resp: 104888
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.165 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

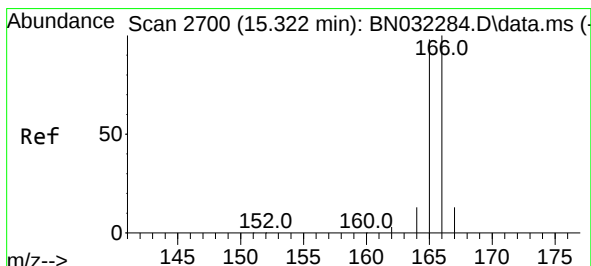
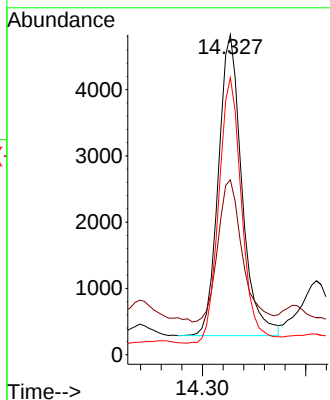
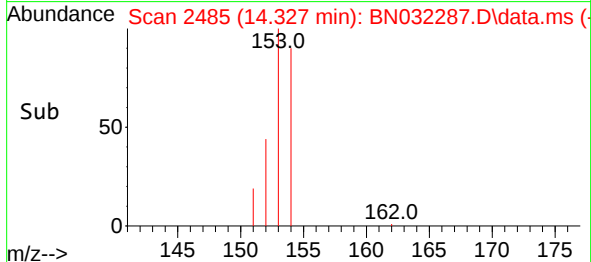
Instrument :
BNA_N
ClientSampleId :
A4B76



Tgt Ion:153 Resp: 7179
Ion Ratio Lower Upper
153 100
152 54.6 39.5 59.3
154 86.6 71.7 107.5

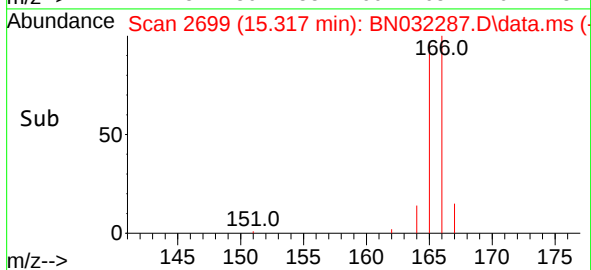
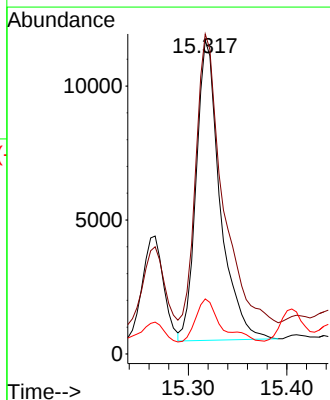
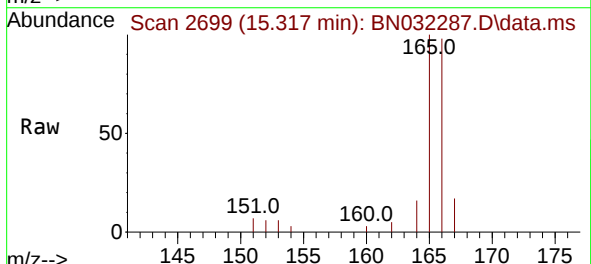
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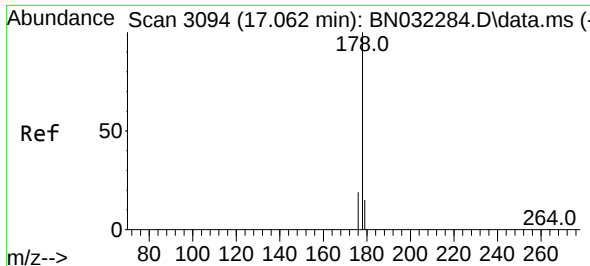
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

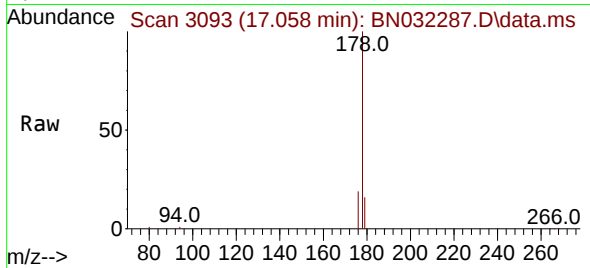
Tgt Ion:166 Resp: 18890
Ion Ratio Lower Upper
166 100
165 102.0 79.0 118.6
167 17.5 11.0 16.6#





#15
Phenanthrene
Concen: 4.398 ng/ul m
RT: 17.058 min Scan# 3094
Delta R.T. -0.009 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

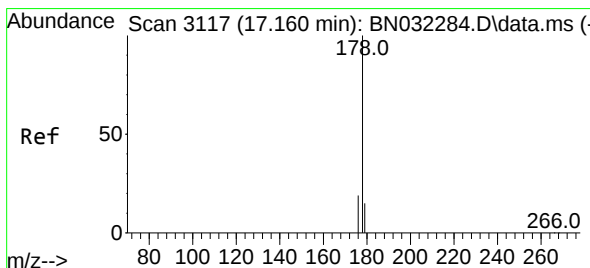
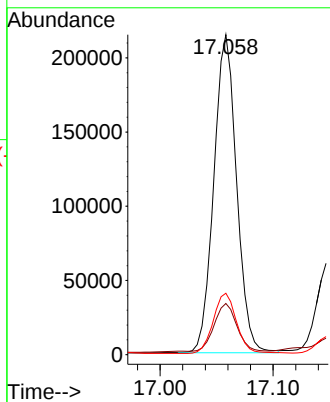
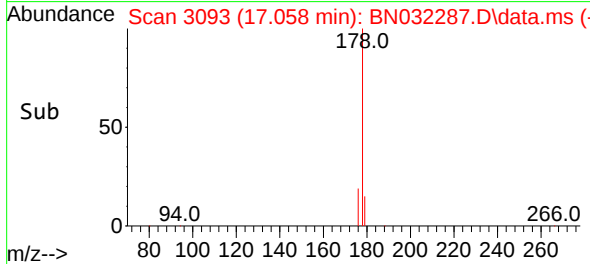
Instrument :
BNA_N
ClientSampleId :
A4B76



Tgt Ion:178 Resp: 30007
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.2 15.6 23.4

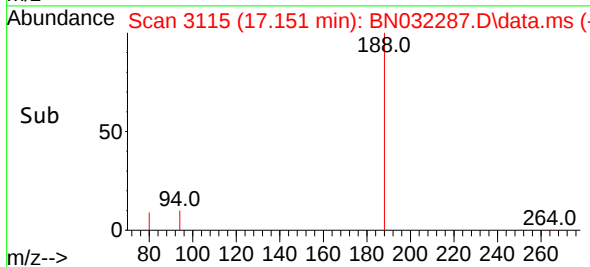
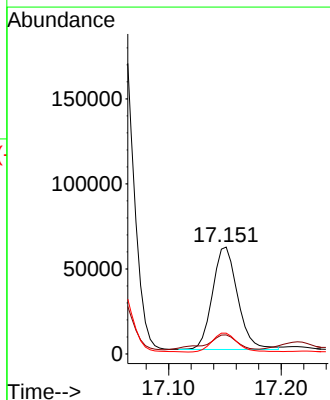
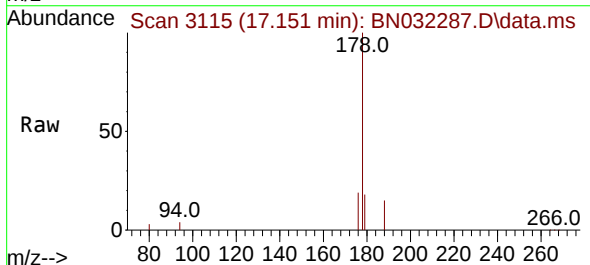
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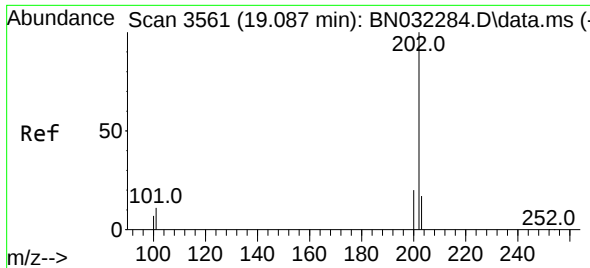
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#16
Anthracene
Concen: 1.540 ng/ul m
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

Tgt Ion:178 Resp: 93744
Ion Ratio Lower Upper
178 100
179 17.8 12.5 18.7
176 19.4 15.0 22.6





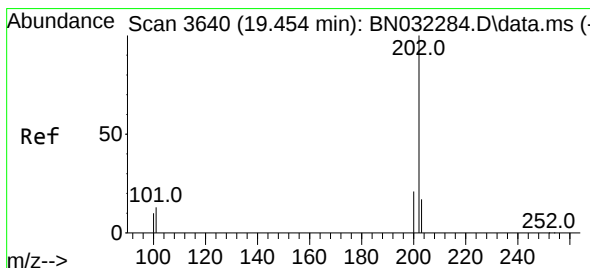
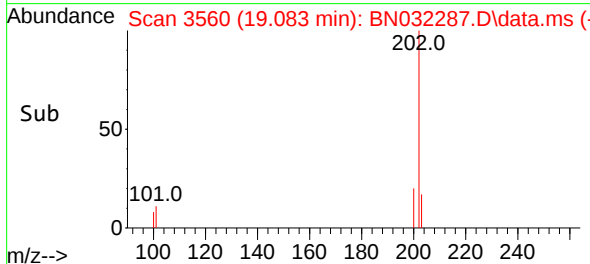
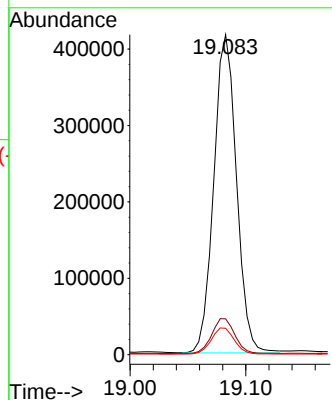
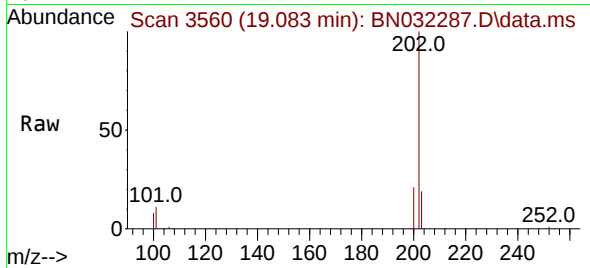
#19
Fluoranthene
Concen: 9.214 ng/ul m
RT: 19.083 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

Instrument :
BNA_N
ClientSampleId :
A4B76

Tgt Ion:202 Resp: 56840
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.2 6.4 9.6

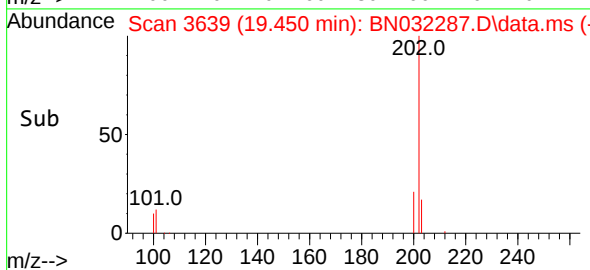
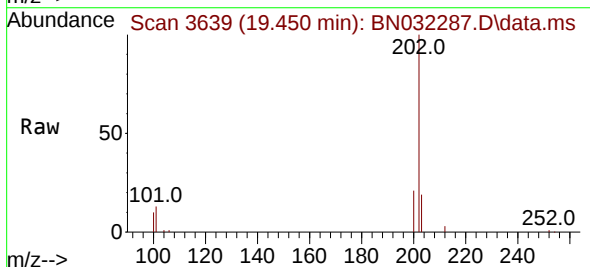
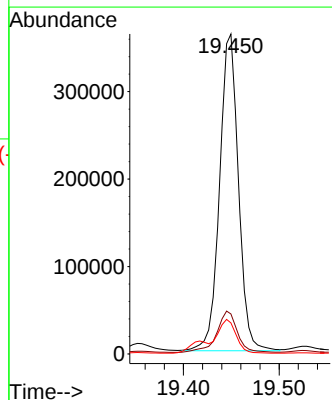
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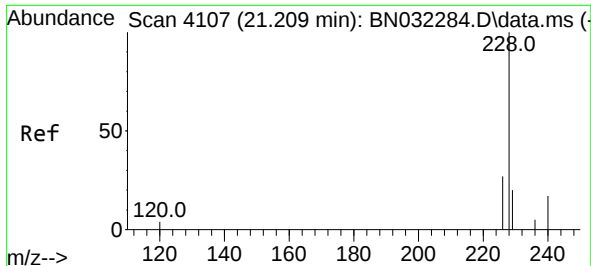
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#20
Pyrene
Concen: 7.714 ng/ul m
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

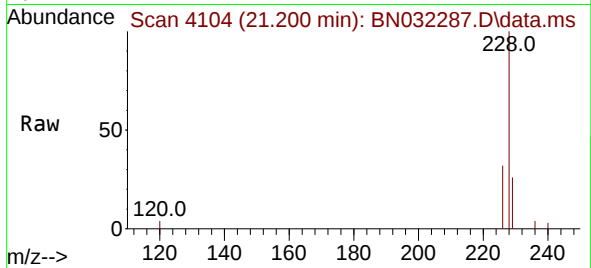
Tgt Ion:202 Resp: 497298
Ion Ratio Lower Upper
202 100
101 12.5 11.0 16.4
100 9.7 8.7 13.1





#21
Benzo(a)anthracene
Concen: 4.491 ng/ul m
RT: 21.200 min Scan# 4107
Delta R.T. -0.015 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

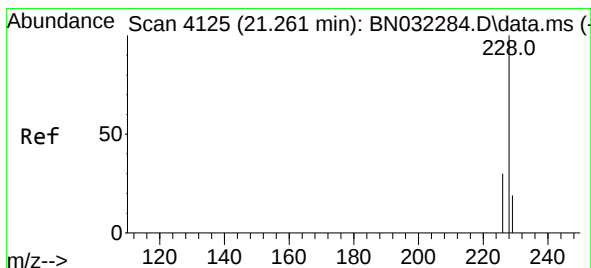
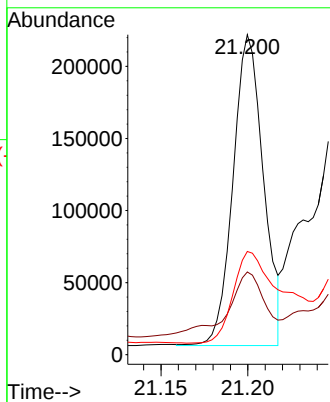
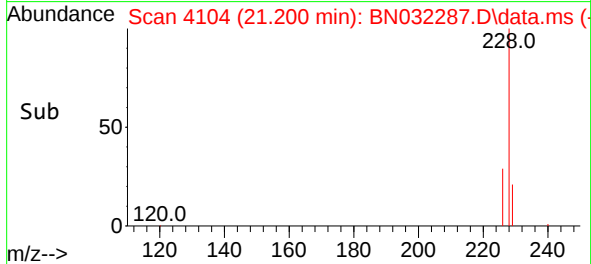
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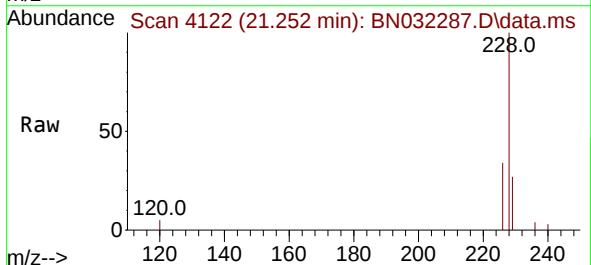
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Ion Ratio Lower Upper
228 100
229 25.9 15.7 23.5
226 32.2 21.8 32.8

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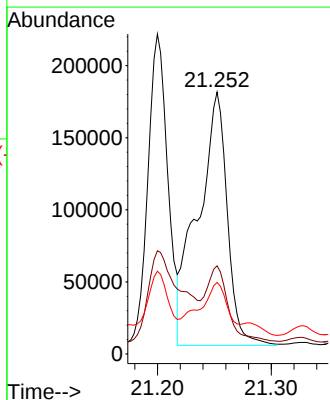
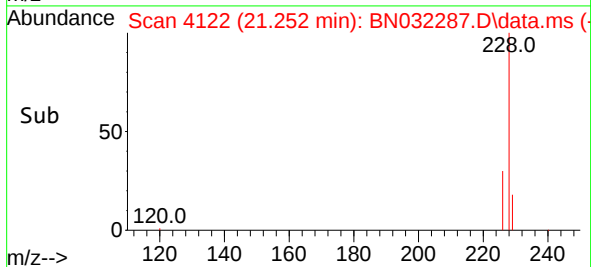
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

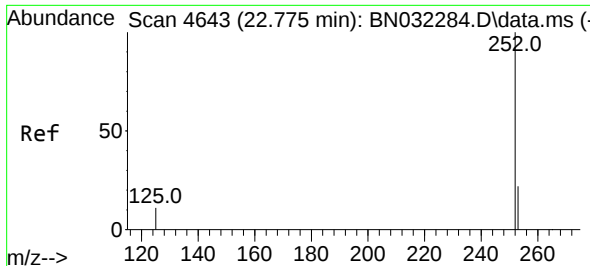


#22
Chrysene
Concen: 4.938 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29



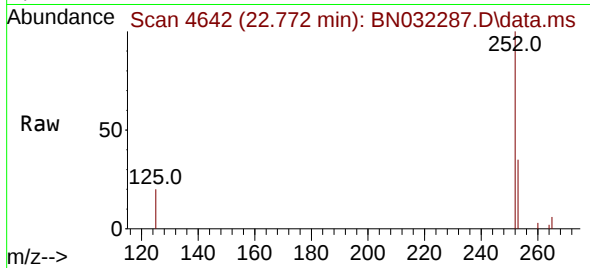
Tgt Ion:228 Resp: 316925
Ion Ratio Lower Upper
228 100
226 33.6 23.6 35.4
229 27.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.713 ng/ul m
RT: 22.772 min Scan# 4643
Delta R.T. -0.012 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

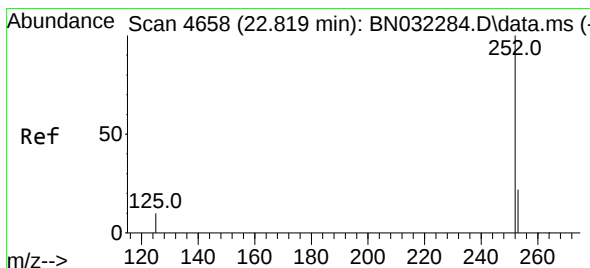
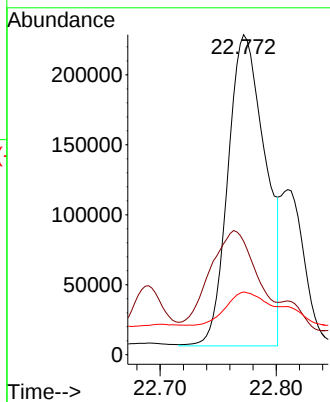
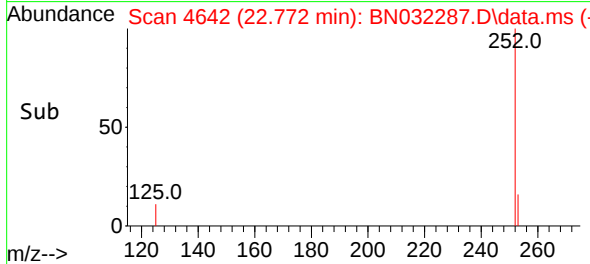
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 49860
Ion Ratio Lower Upper
252 100
253 35.4 0.0 50.2
125 19.6 0.0 32.0

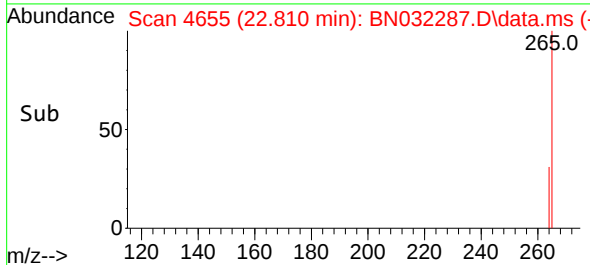
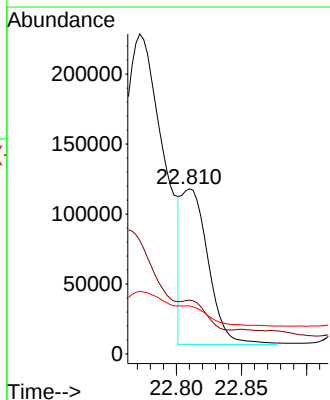
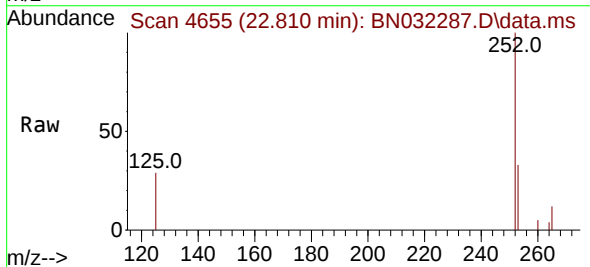
Manual Integrations
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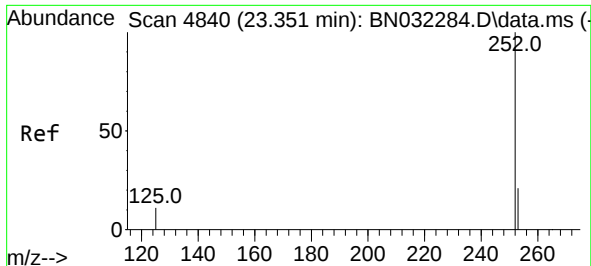
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Benzo(k)fluoranthene
Concen: 1.891 ng/ul m
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

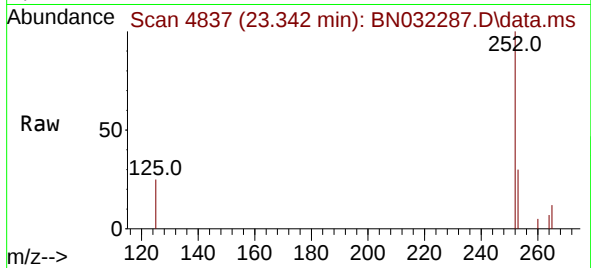
Tgt Ion:252 Resp: 160324
Ion Ratio Lower Upper
252 100
253 32.6 20.3 30.5#
125 29.1 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 3.831 ng/ul m
RT: 23.342 min Scan# 4837
Delta R.T. -0.018 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

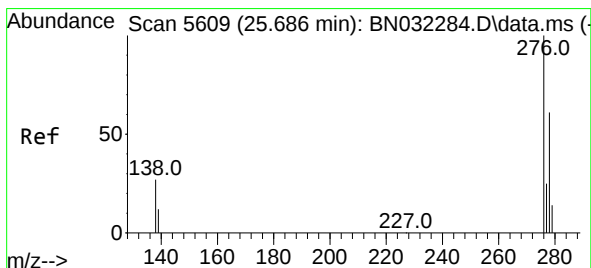
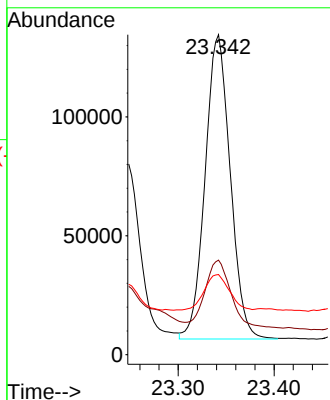
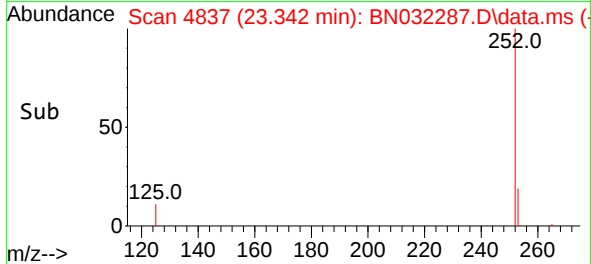
Instrument :
BNA_N
ClientSampleId :
A4B76



Tgt Ion:252 Resp: 232679
Ion Ratio Lower Upper
252 100
253 29.6 22.2 33.2
125 25.1 16.4 24.6

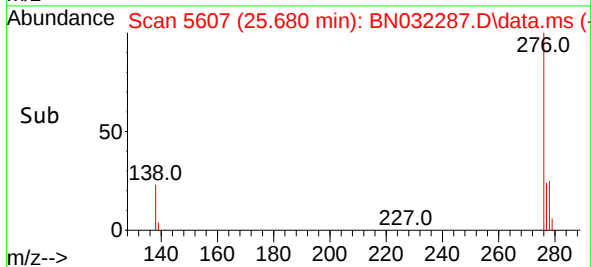
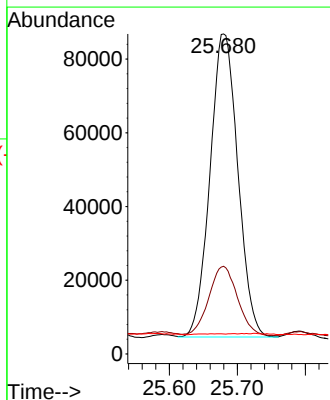
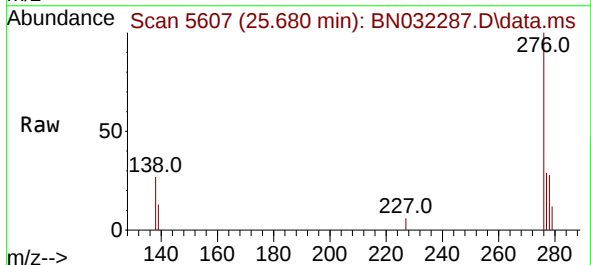
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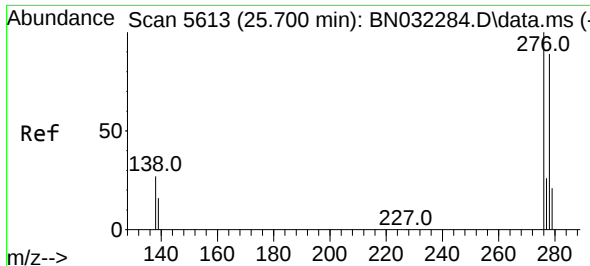
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.459 ng/ul m
RT: 25.680 min Scan# 5607
Delta R.T. -0.020 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

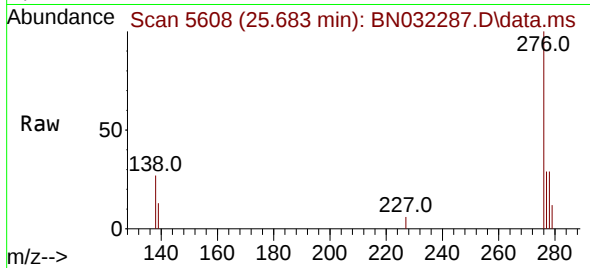
Tgt Ion:276 Resp: 233801
Ion Ratio Lower Upper
276 100
138 1.9 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.104 ng/ul m
RT: 25.683 min Scan# 5608
Delta R.T. -0.027 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29

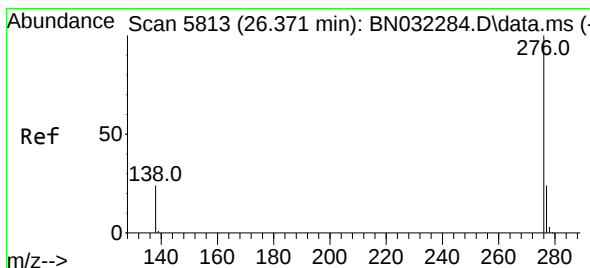
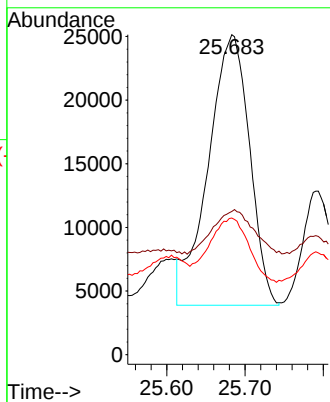
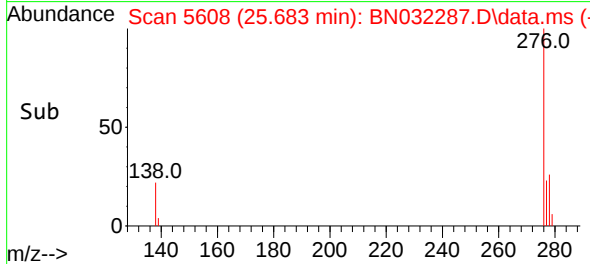
Instrument :
BNA_N
ClientSampleId :
A4B76



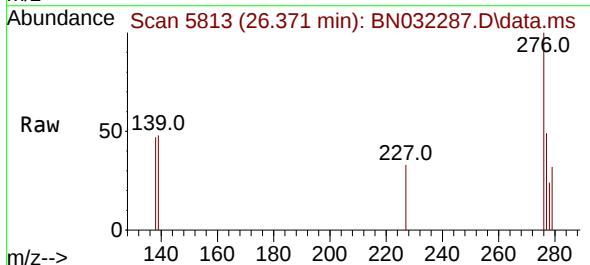
Tgt Ion:278 Resp: 7797
Ion Ratio Lower Upper
278 100
139 44.8 15.9 23.9#
279 42.7 21.1 31.7#

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



#29
Benzo(g,h,i)perylene
Concen: 0.528 ng/ul m
RT: 26.371 min Scan# 5813
Delta R.T. -0.010 min
Lab File: BN032287.D
Acq: 27 Jun 2024 19:29



Tgt Ion:276 Resp: 39962
Ion Ratio Lower Upper
276 100
138 46.6 19.8 29.6#
277 48.5 19.8 29.6#

