

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027075.D
 Acq On : 23 Aug 2023 23:23
 Operator : MA/JU
 Sample : 03968-35
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 01:40:27 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	15604	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	52619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	32520	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	75149	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	59361	0.400	ng/ul	# 0.00
23) Perylene-d12	24.176	264	50406	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	48508	2.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	9953	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	26633	0.142	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.966	128	30690	0.206	ng/ul	99
7) 2-Methylnaphthalene	12.561	142	14551	0.162	ng/ul	99
8) 1-Methylnaphthalene	12.781	142	12008	0.127	ng/ul	100
10) Acenaphthylene	14.449	152	53099	0.291	ng/ul	100
11) Acenaphthene	14.782	153	53934	0.428	ng/ul	98
12) Fluorene	15.762	166	74579	0.523	ng/ul	98
15) Phenanthrene	17.506	178	1183848	4.795	ng/ul	100
16) Anthracene	17.599	178	275678	1.236	ng/ul	100
19) Fluoranthene	19.510	202	1610680	6.532	ng/ul	97
20) Pyrene	19.877	202	1553602m	5.905	ng/ul	
21) Benzo(a)anthracene	21.618	228	747288	3.165	ng/ul	99
22) Chrysene	21.676	228	705994	3.030	ng/ul	98
24) Benzo(b)fluoranthene	23.389	252	742638m	3.895	ng/ul	
25) Benzo(k)fluoranthene	23.436	252	248666m	1.322	ng/ul	
26) Benzo(a)pyrene	24.059	252	535749	3.114	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.847	276	260530	1.158	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.874	278	64737	0.361	ng/ul	91
29) Benzo(g,h,i)perylene	27.692	276	239731	1.279	ng/ul	99

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

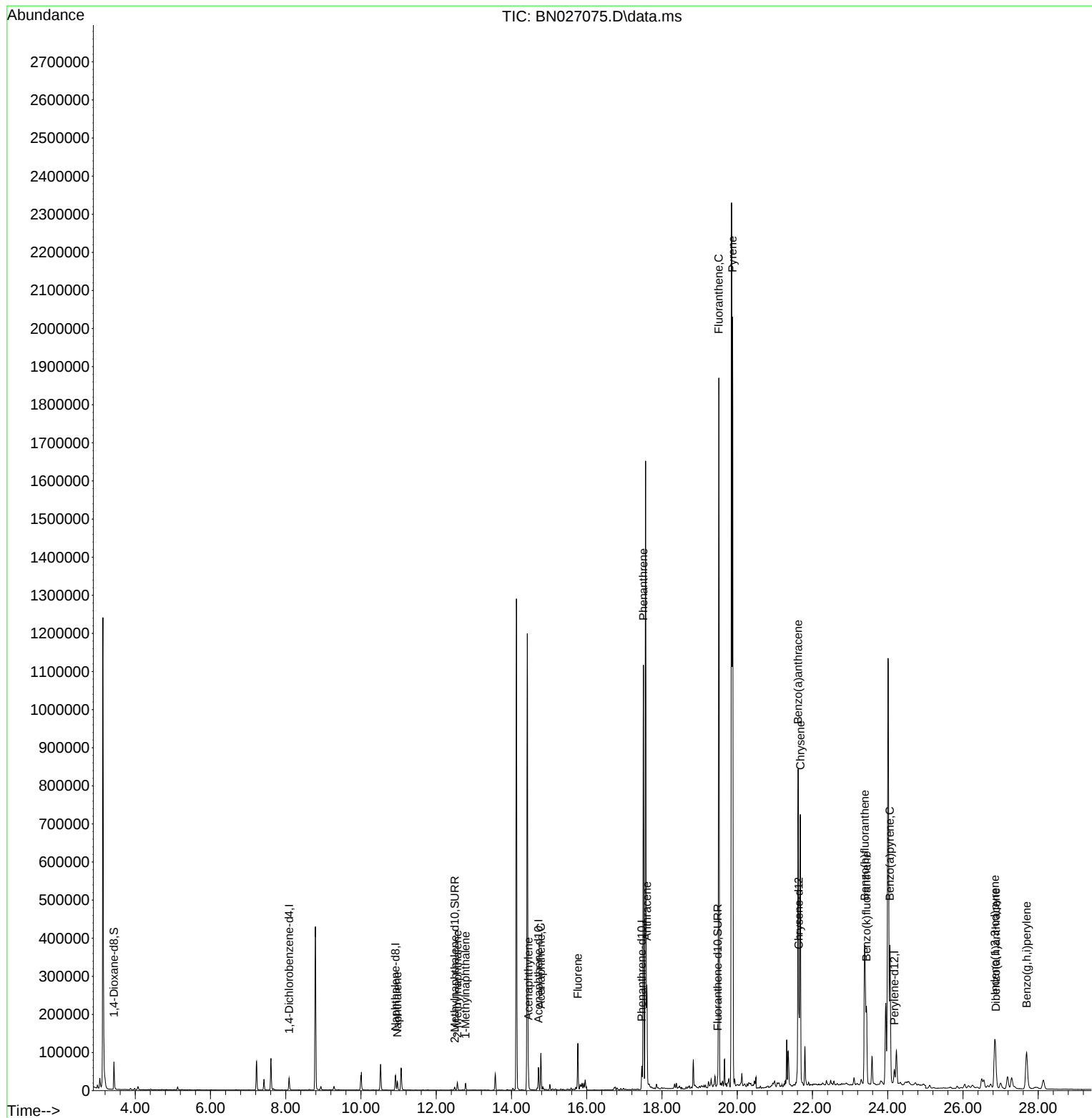
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027075.D
Acq On : 23 Aug 2023 23:23
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Sample : 03968-35
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ALS Vial : 96 Sample Multiplier: 1

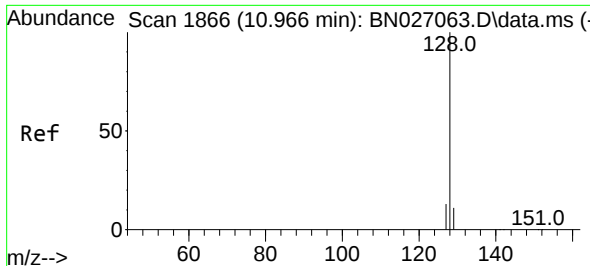
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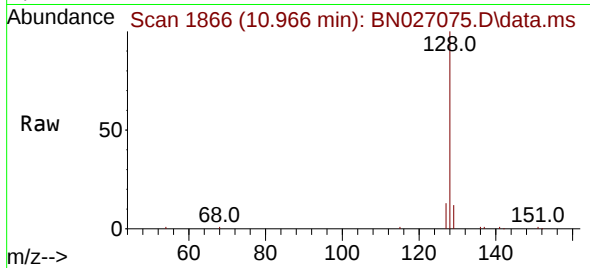
Quant Time: Aug 24 01:40:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
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#5
Naphthalene
Concen: 0.206 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

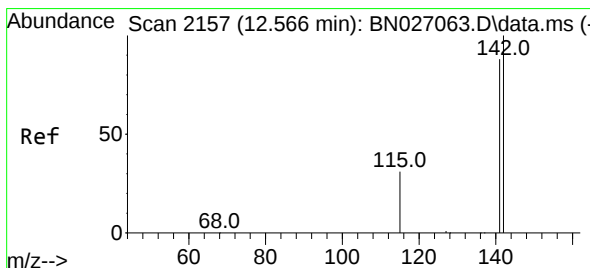
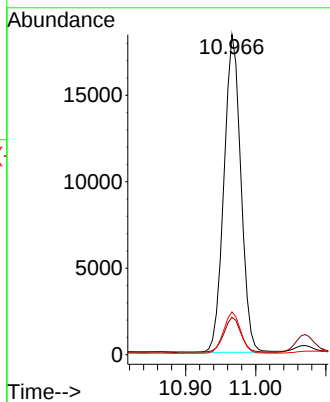
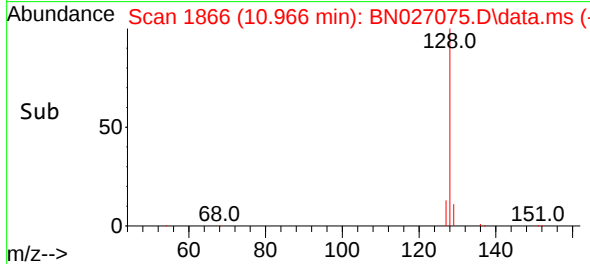
Instrument :
BNA_N
ClientSampleId :
A48Q3



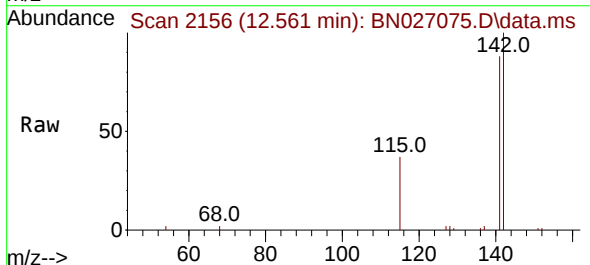
Tgt Ion:128 Resp: 30690
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.4 10.5 15.7

Manual Integrations
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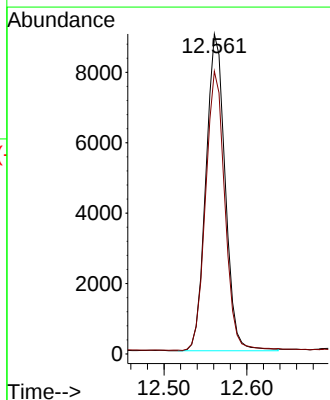
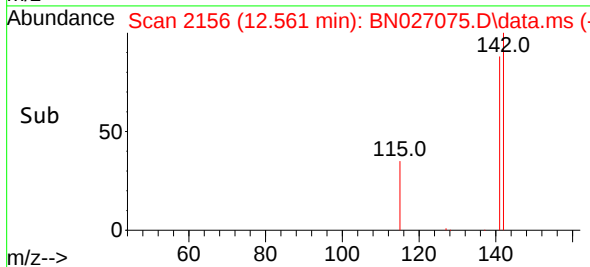
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

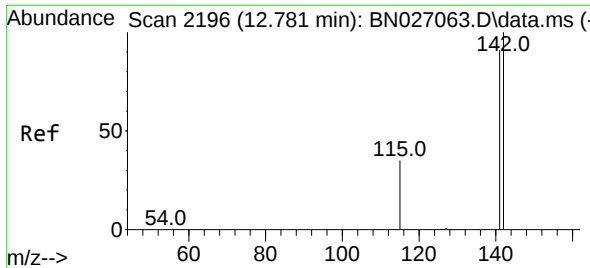


#7
2-Methylnaphthalene
Concen: 0.162 ng/ul
RT: 12.561 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23



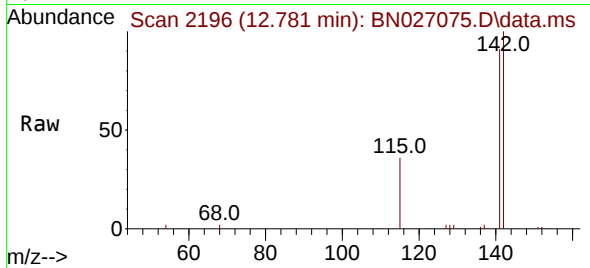
Tgt Ion:142 Resp: 14551
Ion Ratio Lower Upper
142 100
141 87.7 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

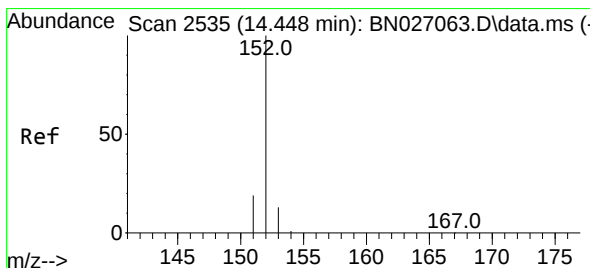
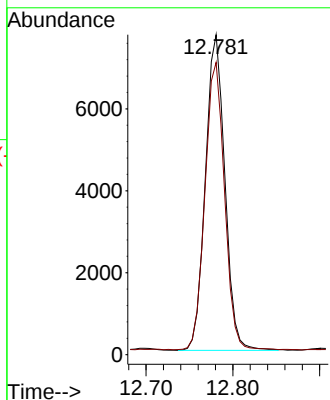
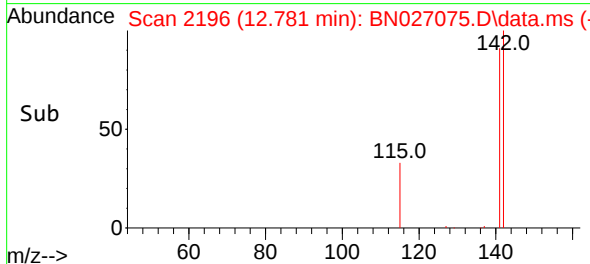
Instrument :
BNA_N
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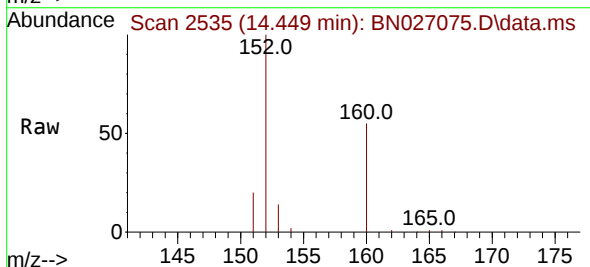
Tgt Ion:142 Resp: 12008
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8

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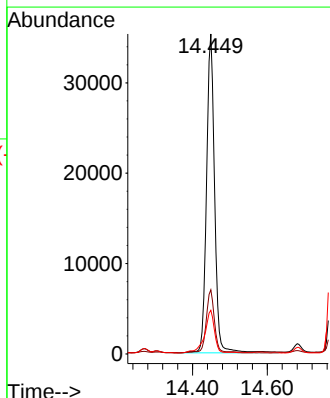
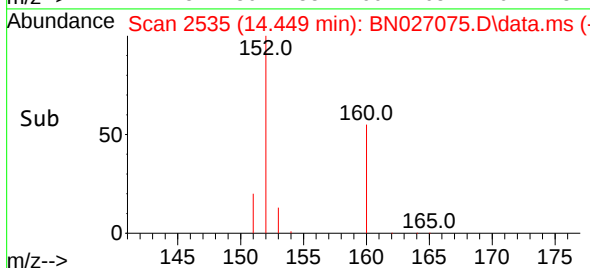
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

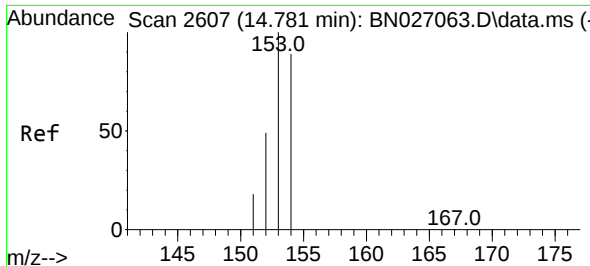


#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.449 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23



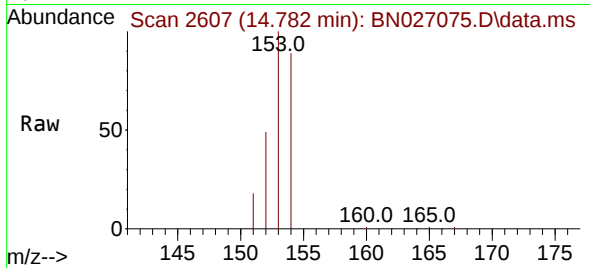
Tgt Ion:152 Resp: 53099
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.6 11.0 16.6





#11
Acenaphthene
Concen: 0.428 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

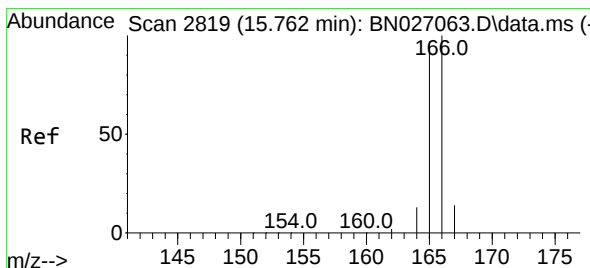
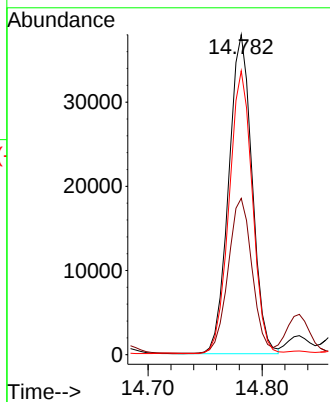
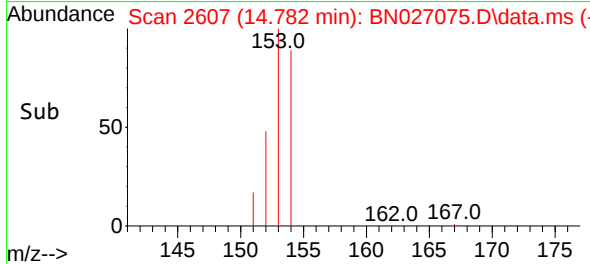
Instrument :
BNA_N
ClientSampleId :
A48Q3



Tgt Ion:153 Resp: 53934
Ion Ratio Lower Upper
153 100
152 48.8 41.1 61.7
154 88.7 71.6 107.4

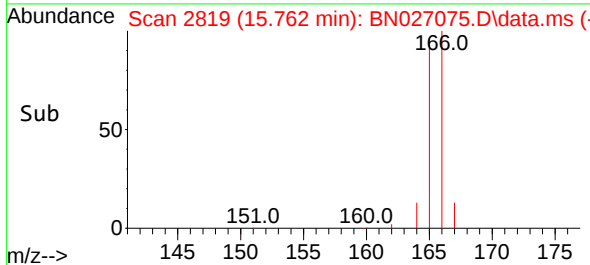
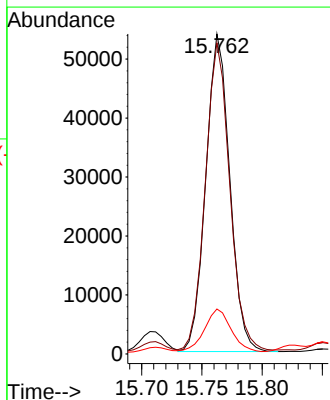
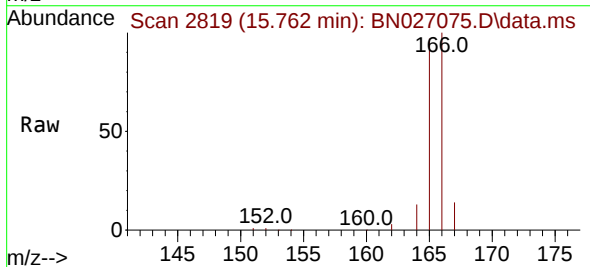
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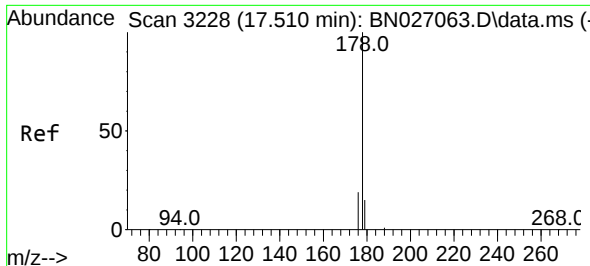
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#12
Fluorene
Concen: 0.523 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

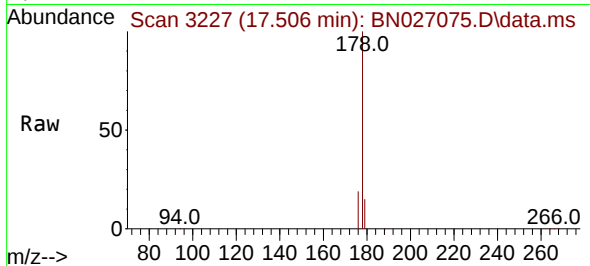
Tgt Ion:166 Resp: 74579
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 14.0 11.4 17.0





#15
Phenanthrene
Concen: 4.795 ng/u1
RT: 17.506 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

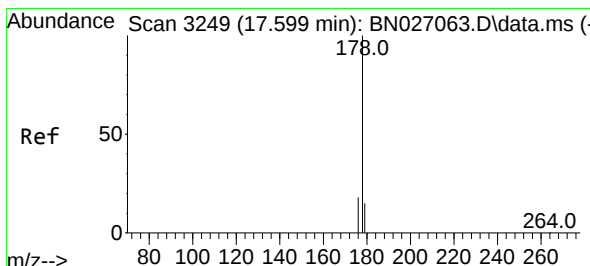
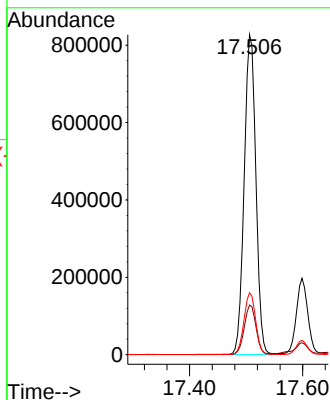
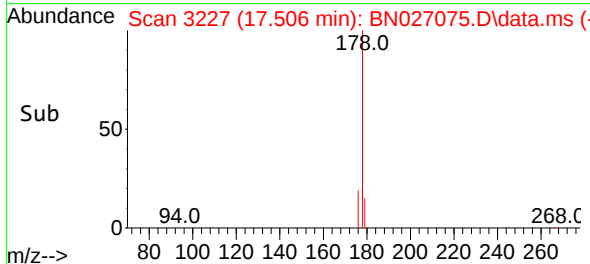
Instrument :
BNA_N
ClientSampleId :
A48Q3



Tgt Ion:178 Resp: 118384
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.4 23.2

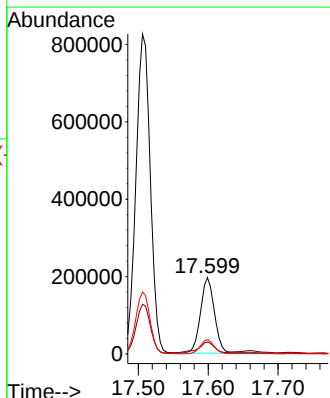
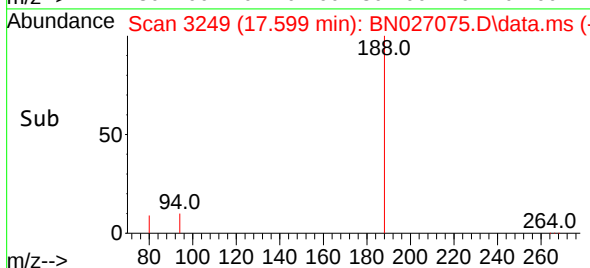
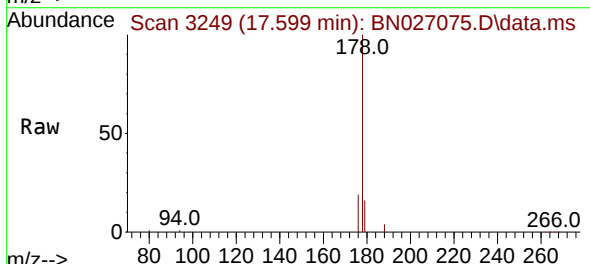
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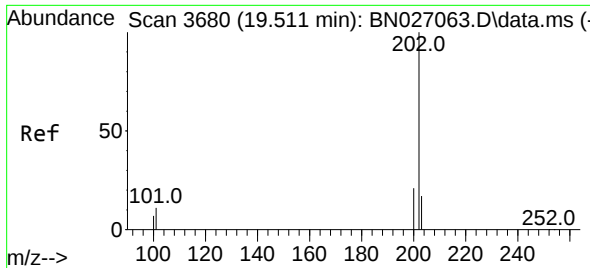
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#16
Anthracene
Concen: 1.236 ng/u1
RT: 17.599 min Scan# 3249
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

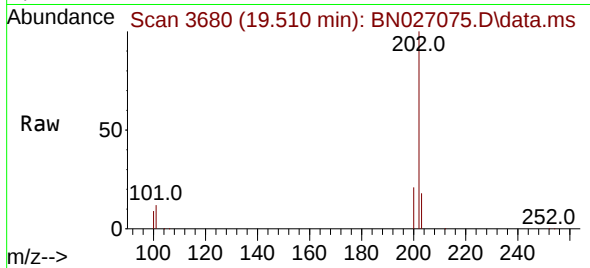
Tgt Ion:178 Resp: 275678
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 6.532 ng/ul
RT: 19.510 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

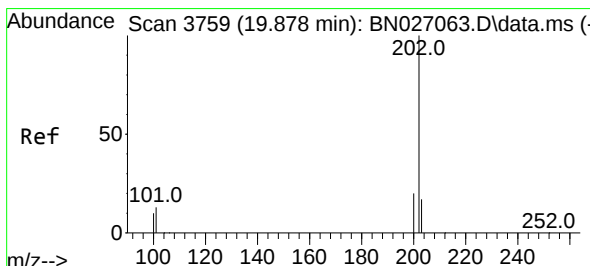
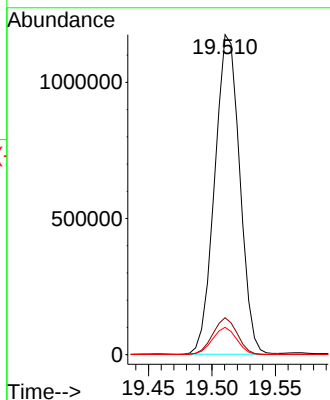
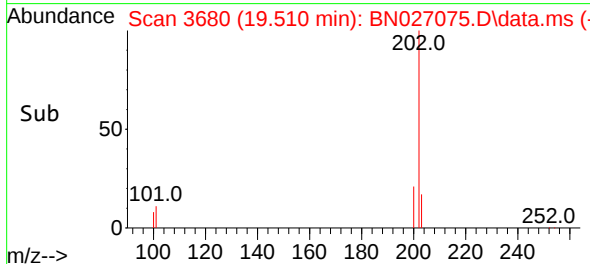
Instrument :
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ClientSampleId :
A48Q3



Tgt Ion:202 Resp: 1610680
Ion Ratio Lower Upper
202 100
101 11.5 8.3 12.5
100 8.5 6.2 9.2

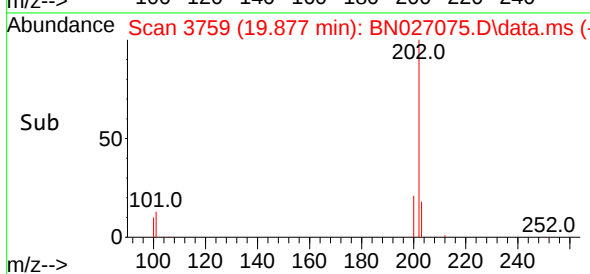
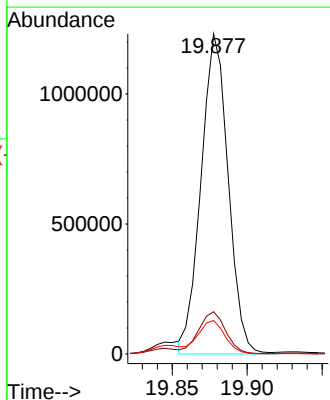
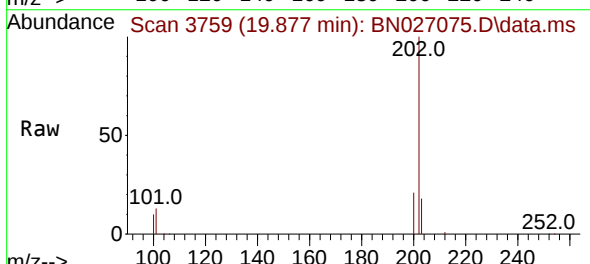
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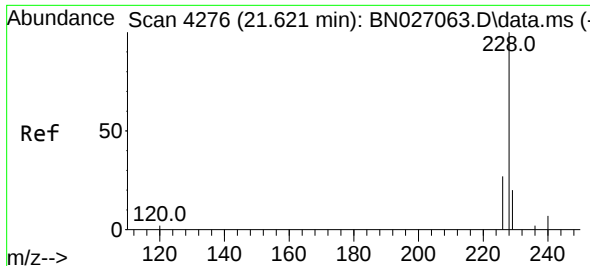
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#20
Pyrene
Concen: 5.905 ng/ul m
RT: 19.877 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

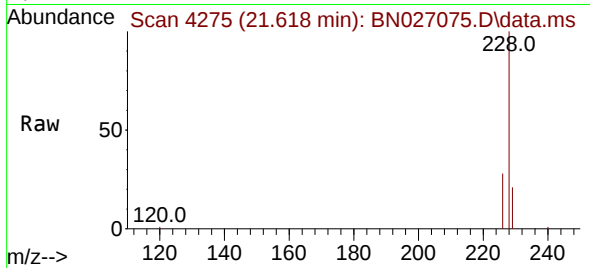
Tgt Ion:202 Resp: 1553602
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 3.165 ng/u1
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

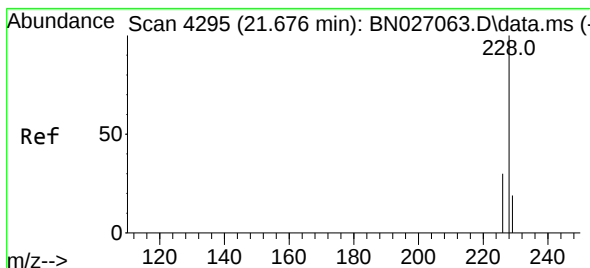
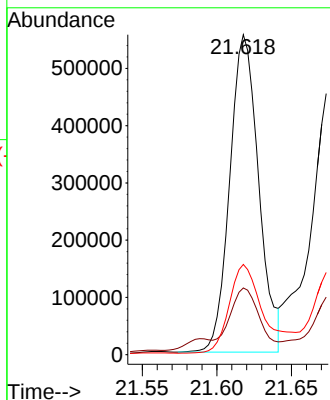
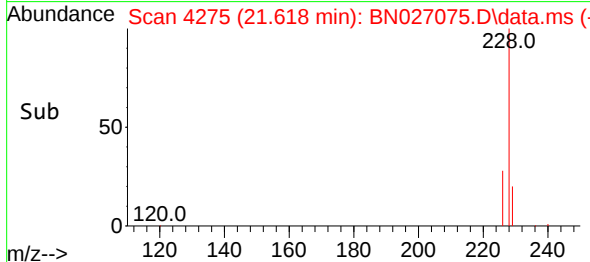
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Tgt Ion:228 Resp: 747288
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.2 22.2 33.2

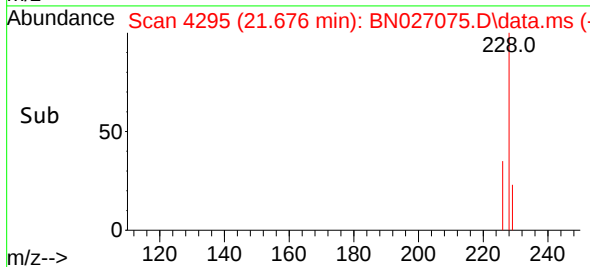
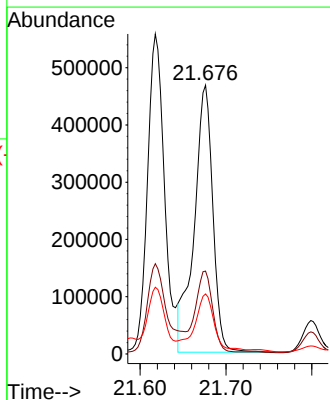
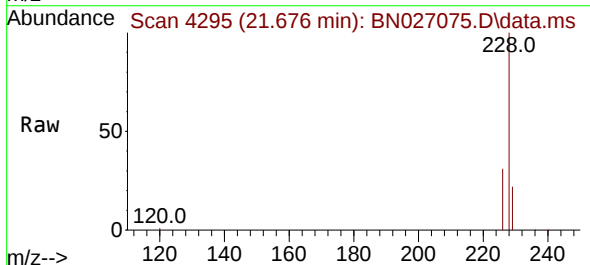
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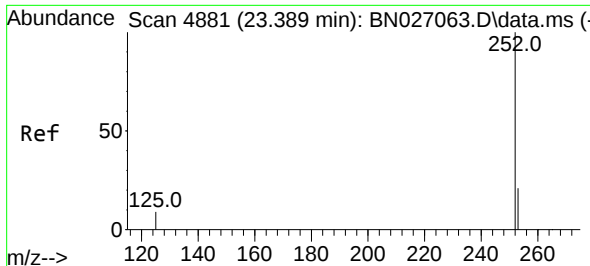
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#22
Chrysene
Concen: 3.030 ng/u1
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

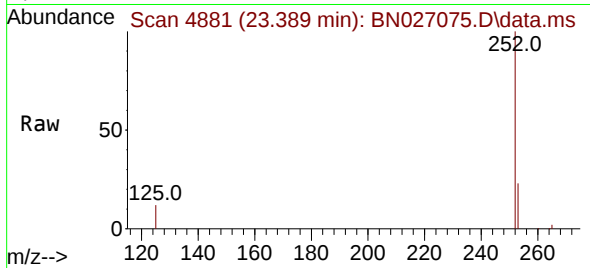
Tgt Ion:228 Resp: 705994
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.895 ng/ul m
RT: 23.389 min Scan# 4881
Delta R.T. 0.003 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

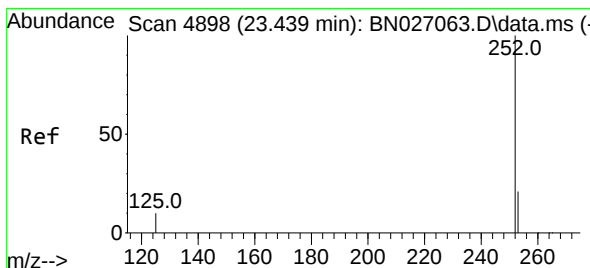
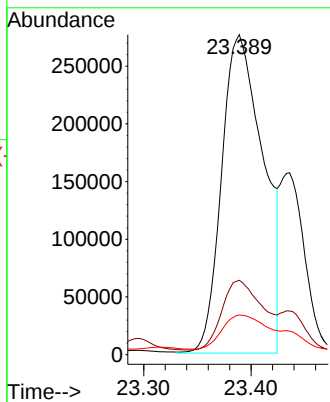
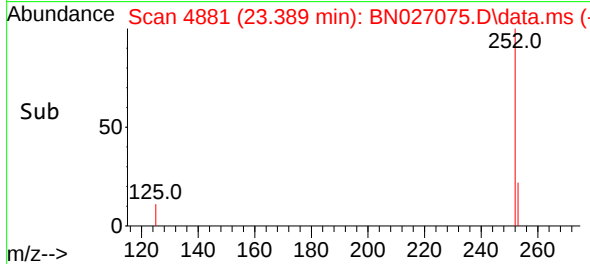
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 742638
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.8
125 12.4 0.0 25.2

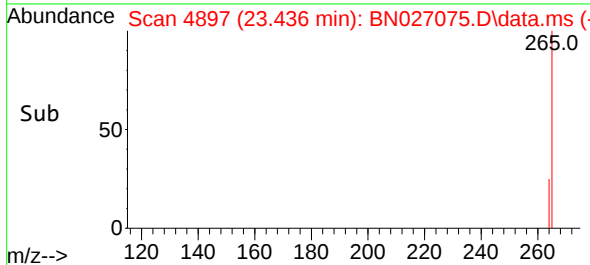
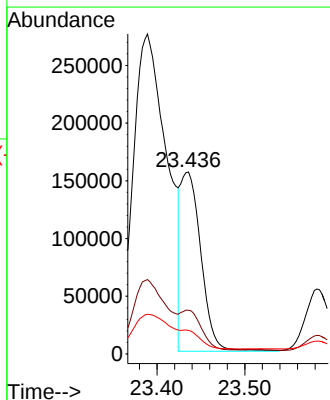
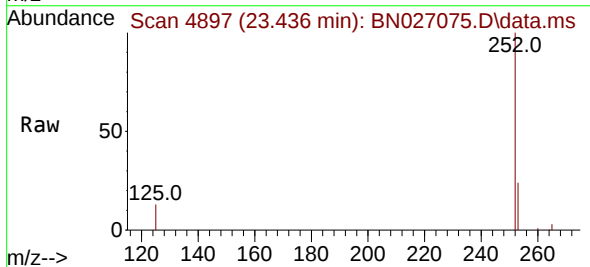
Manual Integrations
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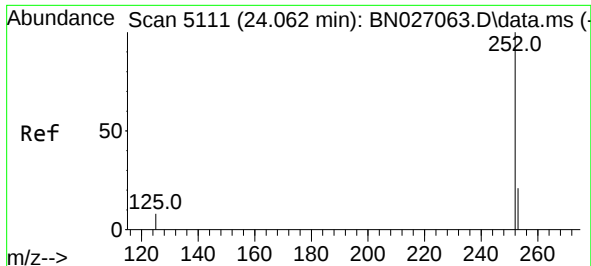
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#25
Benzo(k)fluoranthene
Concen: 1.322 ng/ul m
RT: 23.436 min Scan# 4897
Delta R.T. -0.003 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

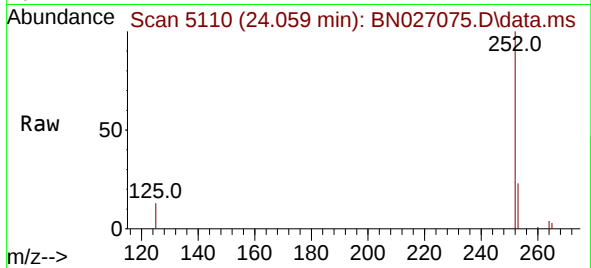
Tgt Ion:252 Resp: 248666
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.4
125 12.9 9.9 14.9





#26
Benzo(a)pyrene
Concen: 3.114 ng/ul
RT: 24.059 min Scan# 5111
Delta R.T. -0.003 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

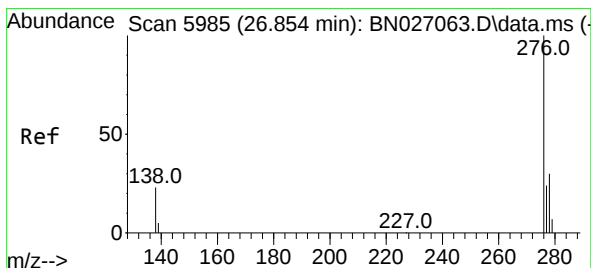
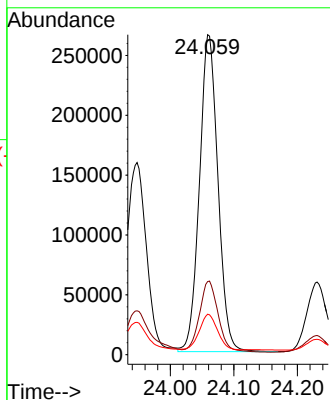
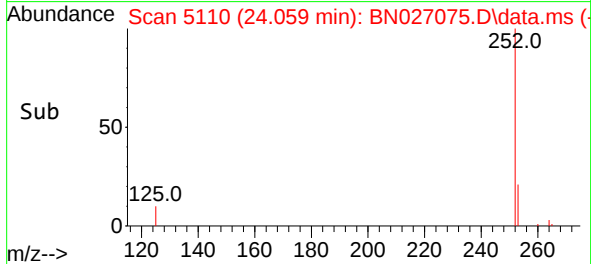
Instrument :
BNA_N
ClientSampleId :
A48Q3



Tgt Ion:252 Resp: 535749
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.6
125 12.6 11.4 17.0

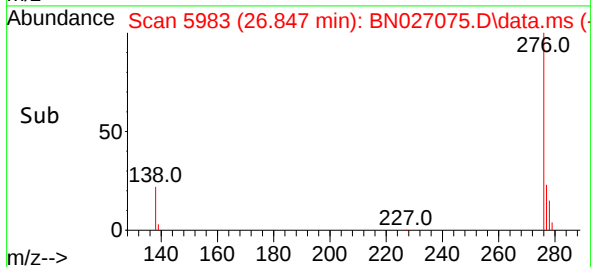
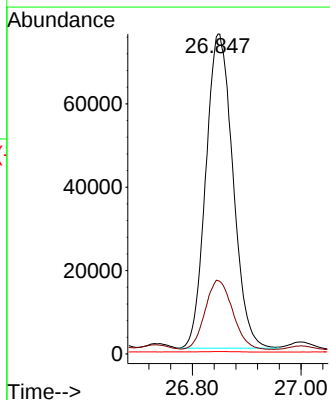
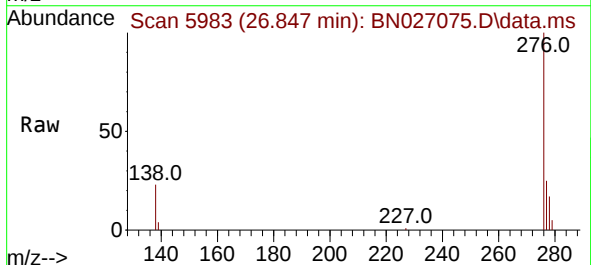
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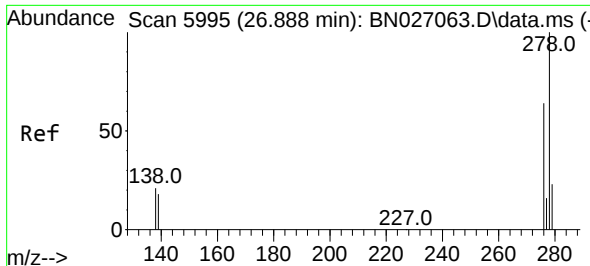
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.158 ng/ul
RT: 26.847 min Scan# 5983
Delta R.T. -0.007 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

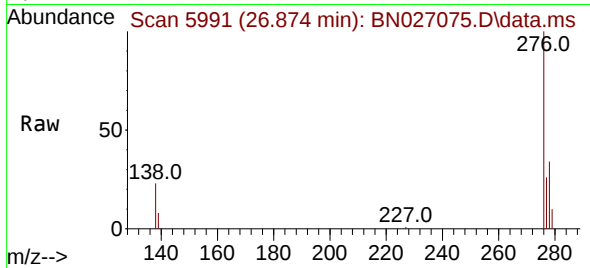
Tgt Ion:276 Resp: 260530
Ion Ratio Lower Upper
276 100
138 22.4 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 26.874 min Scan# 5991
Delta R.T. -0.010 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23

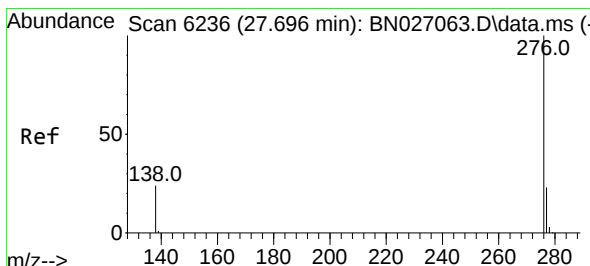
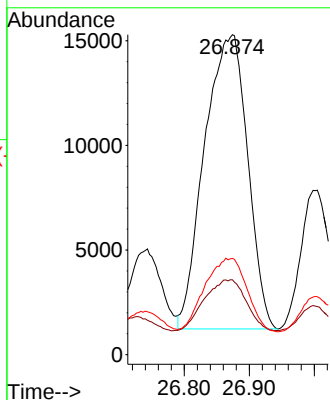
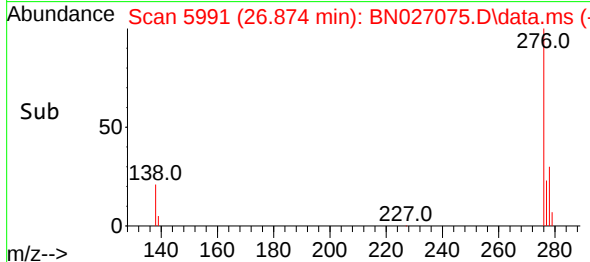
Instrument :
BNA_N
ClientSampleId :
A48Q3



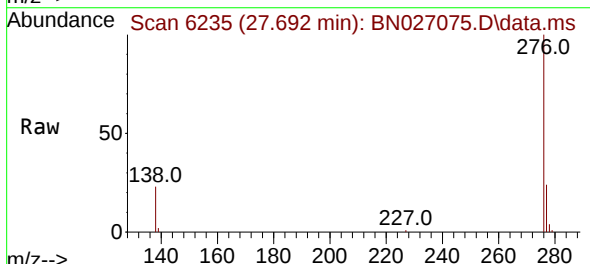
Tgt Ion:278 Resp: 64731
Ion Ratio Lower Upper
278 100
139 23.4 15.7 23.5
279 30.1 20.2 30.4

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Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#29
Benzo(g,h,i)perylene
Concen: 1.279 ng/ul
RT: 27.692 min Scan# 6235
Delta R.T. -0.004 min
Lab File: BN027075.D
Acq: 23 Aug 2023 23:23



Tgt Ion:276 Resp: 239731
Ion Ratio Lower Upper
276 100
138 23.4 19.3 28.9
277 24.3 19.8 29.8

