

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020898.D
 Acq On : 27 Jul 2022 14:24
 Operator : CG/JU
 Sample : N3871-18MSD
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBJ15MSD

Quant Time: Jul 27 18:11:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 18:06:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
 Supervised By :mohammad ahmed 07/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	2109	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7661	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	4716	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	10263	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	9467	0.400	ng/ul	-0.01
23) Perylene-d12	23.767	264	7933	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.214	96	866m	0.342	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	4618	0.397	ng/ul	-0.01
18) Fluoranthene-d10	19.248	212	14366	0.475	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4382	1.683	ng/ul#	83
5) Naphthalene	10.656	128	8157	0.340	ng/ul	100
7) 2-Methylnaphthalene	12.284	142	5490	0.362	ng/ul	100
8) 1-Methylnaphthalene	12.498	142	5687	0.387	ng/ul	100
10) Acenaphthylene	14.183	152	8318	0.355	ng/ul	100
11) Acenaphthene	14.525	153	6508	0.343	ng/ul	99
12) Fluorene	15.515	166	7751	0.372	ng/ul	98
14) Pentachlorophenol	16.875	266	2274	1.471	ng/ul	98
15) Phenanthrene	17.255	178	14205	0.378	ng/ul	100
16) Anthracene	17.348	178	12109	0.402	ng/ul	100
19) Fluoranthene	19.281	202	17399	0.392	ng/ul	99
20) Pyrene	19.643	202	18133	0.392	ng/ul	99
21) Benzo(a)anthracene	21.406	228	14966	0.478	ng/ul	100
22) Chrysene	21.458	228	15773	0.392	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	15052	0.400	ng/ul	98
25) Benzo(k)fluoranthene	23.101	252	15069	0.388	ng/ul	99
26) Benzo(a)pyrene	23.662	252	13658	0.394	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.191	276	14184	0.389	ng/ul	97
28) Dibenzo(a,h)anthracene	26.208	278	11425	0.411	ng/ul	99
29) Benzo(g,h,i)perylene	26.933	276	12384	0.377	ng/ul	99

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

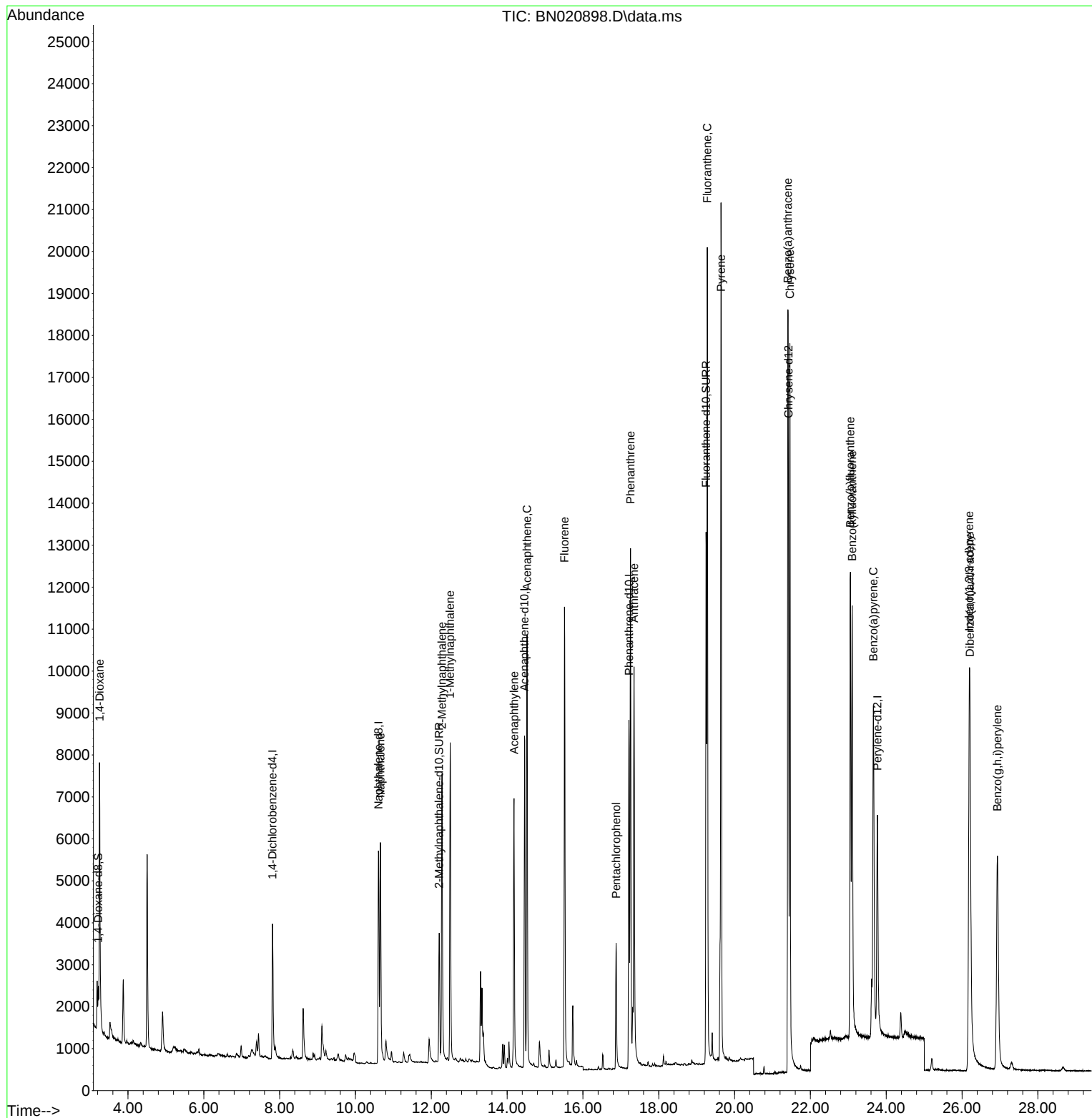
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
Data File : BN020898.D
Acq On : 27 Jul 2022 14:24
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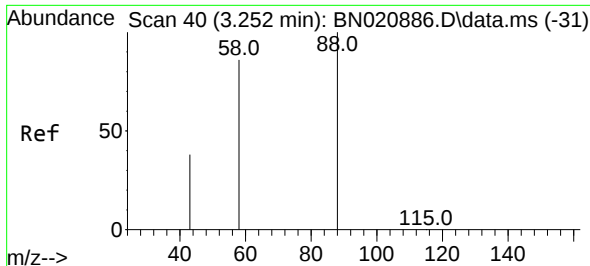
Instrument :
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Quant Time: Jul 27 18:11:33 2022
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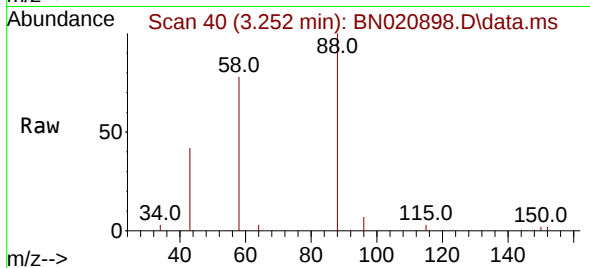
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022





#2
1,4-Dioxane
Concen: 1.683 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

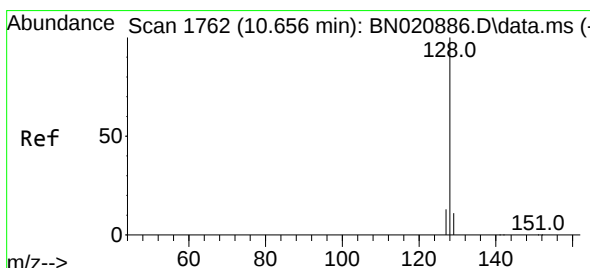
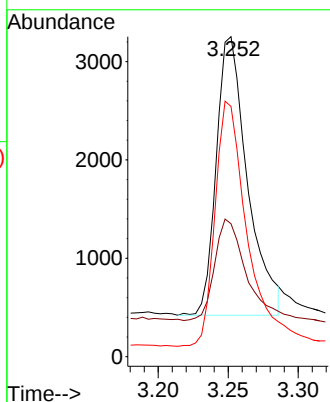
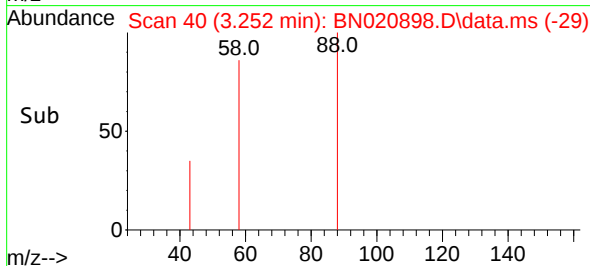
Instrument :
BNA_N
ClientSampleId :
GBJ15MSD



Tgt Ion: 88 Resp: 438
Ion Ratio Lower Upper
88 100
43 41.6 32.5 48.7
58 78.2 46.2 69.2

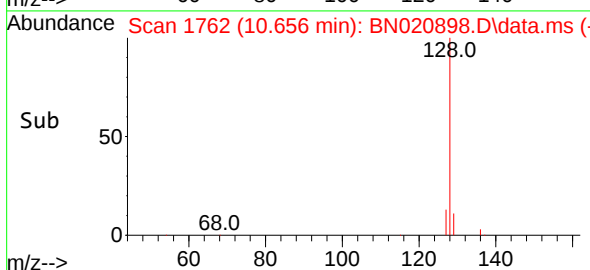
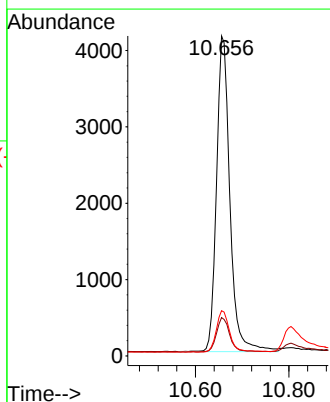
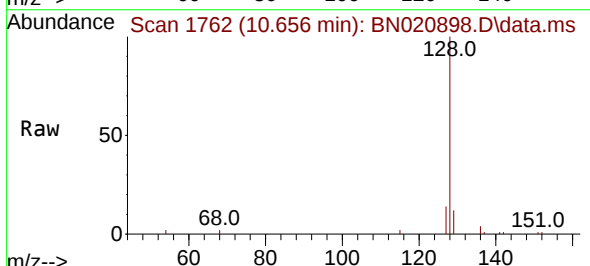
Manual Integrations
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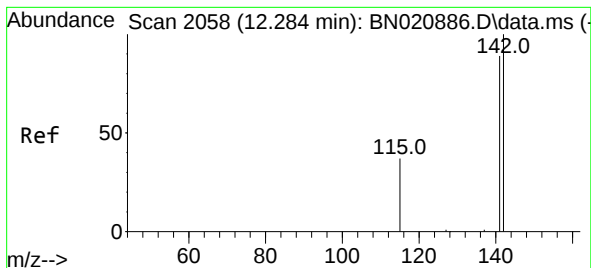
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.656 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

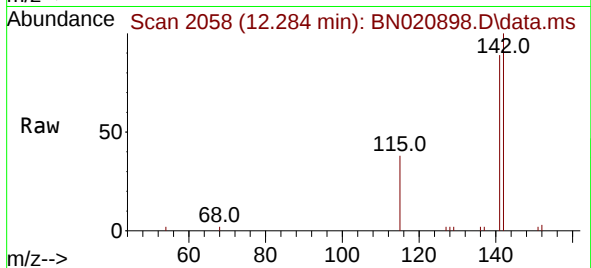
Tgt Ion:128 Resp: 8157
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.1 11.3 16.9





#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.284 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

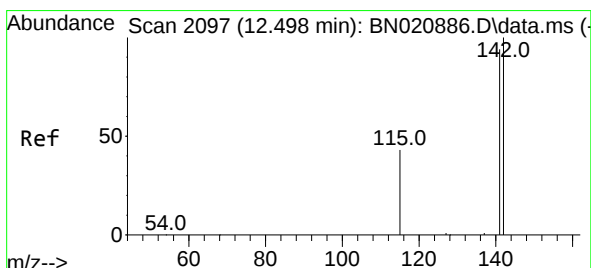
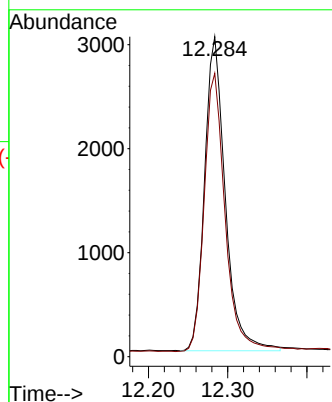
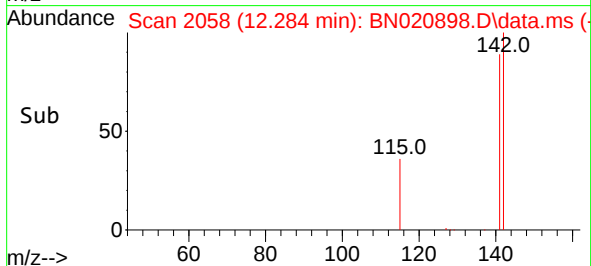
Instrument :
BNA_N
ClientSampleId :
GBJ15MSD



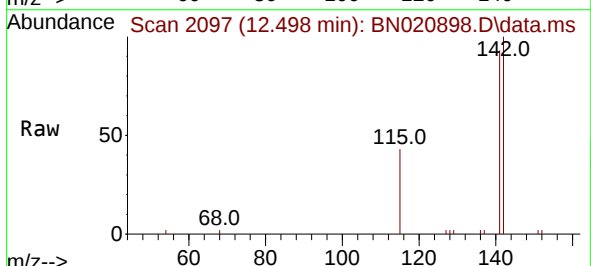
Tgt Ion:142 Resp: 5490
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1

Manual Integrations
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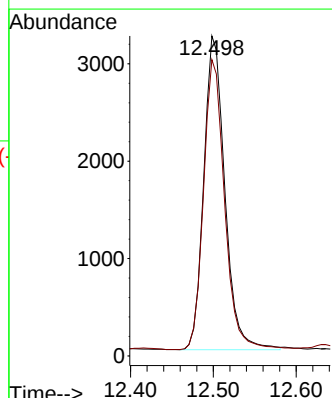
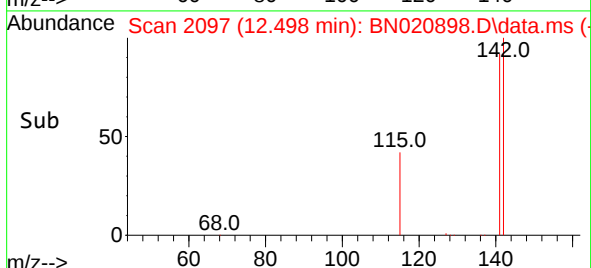
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

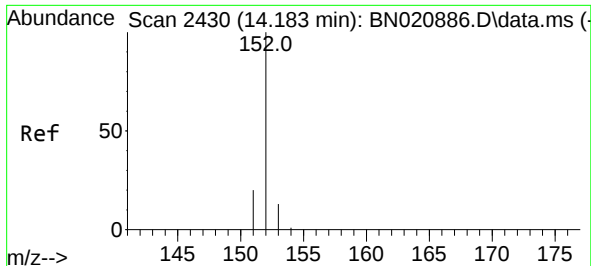


#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.498 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24



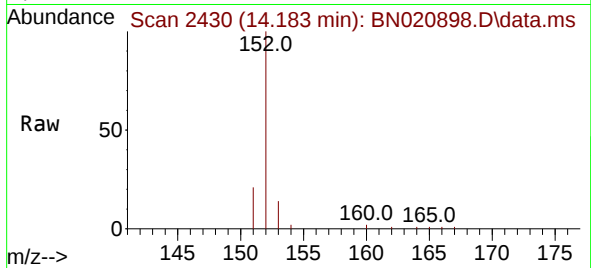
Tgt Ion:142 Resp: 5687
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5





#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.183 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

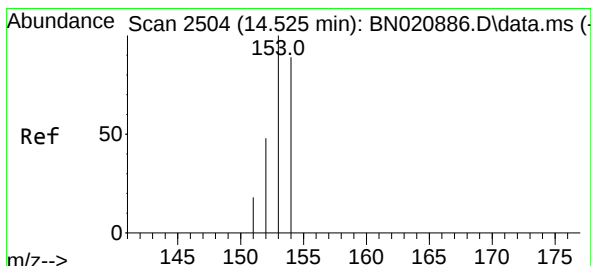
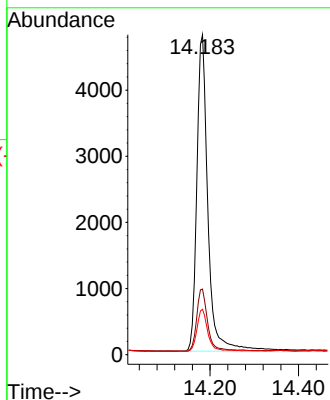
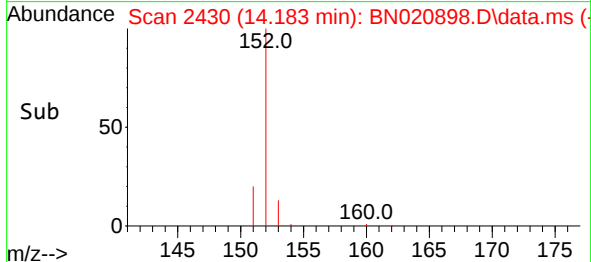
Instrument :
BNA_N
ClientSampleId :
GBJ15MSD



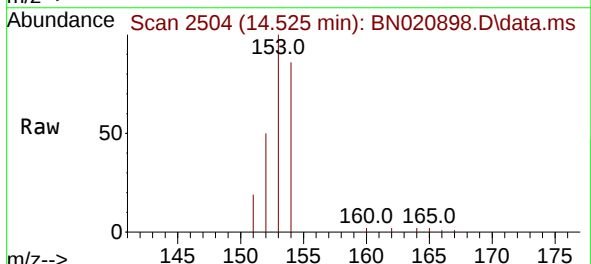
Tgt Ion:152 Resp: 8318
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 14.2 11.1 16.7

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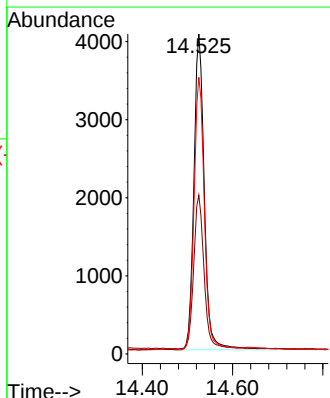
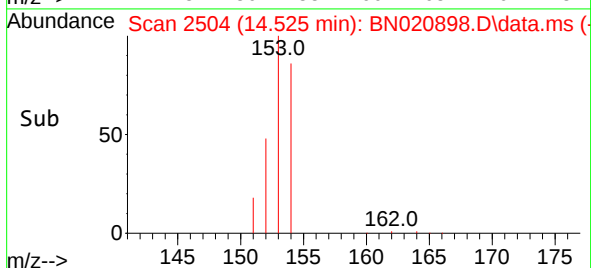
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

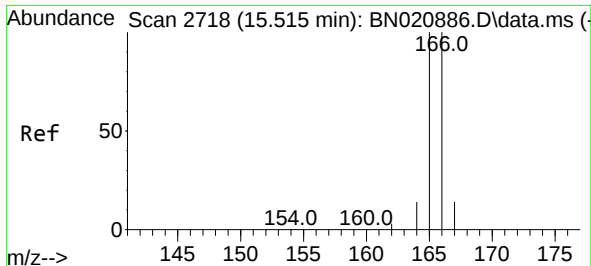


#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.004 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24



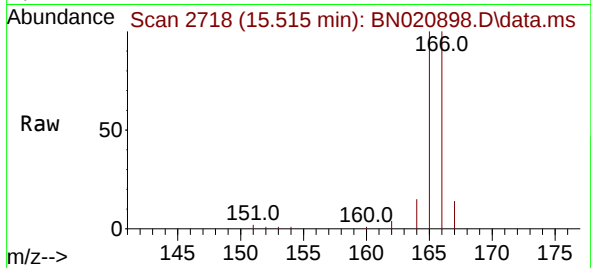
Tgt Ion:153 Resp: 6508
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 86.4 70.0 105.0





#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.515 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

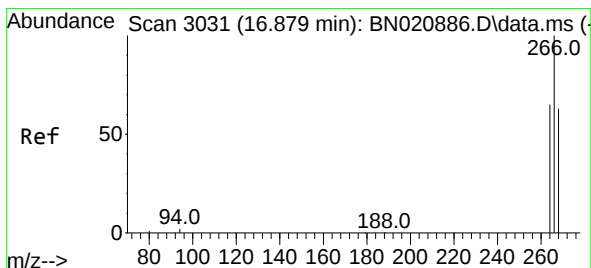
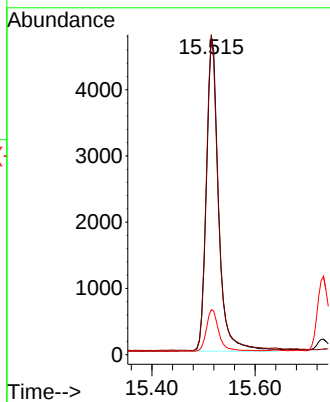
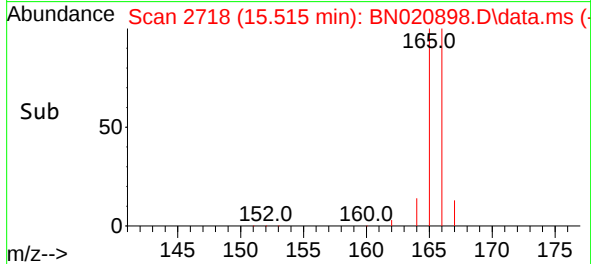
Instrument :
BNA_N
ClientSampleId :
GBJ15MSD



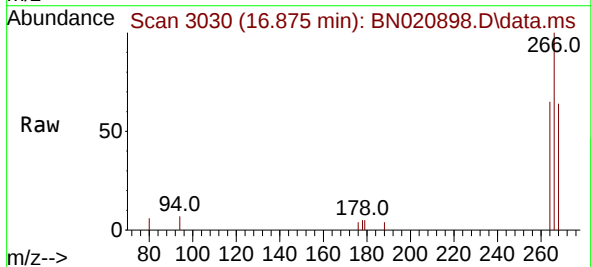
Tgt Ion:166 Resp: 775
Ion Ratio Lower Upper
166 100
165 100.3 78.2 117.2
167 14.1 11.3 16.9

Manual Integrations
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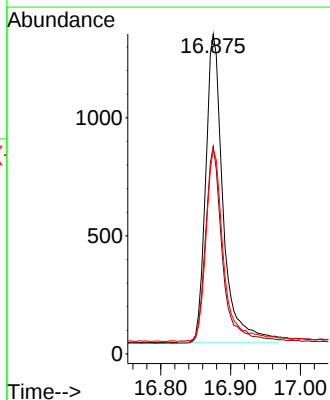
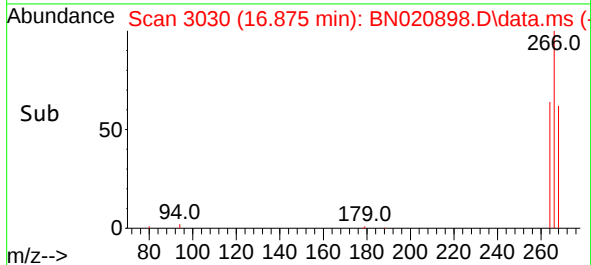
Reviewed By :Jagrut Upadhyay 07/28/2022
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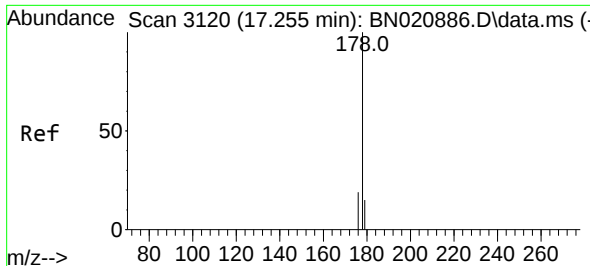


#14
Pentachlorophenol
Concen: 1.471 ng/ul
RT: 16.875 min Scan# 3030
Delta R.T. -0.017 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24



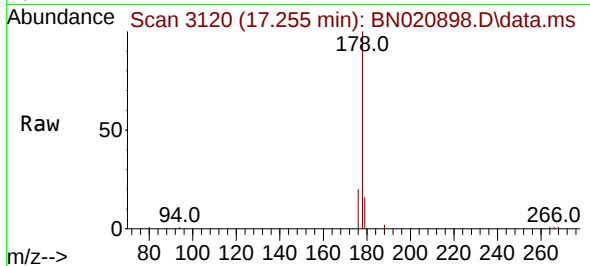
Tgt Ion:266 Resp: 2274
Ion Ratio Lower Upper
266 100
264 62.3 51.6 77.4
268 62.8 51.5 77.3





#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

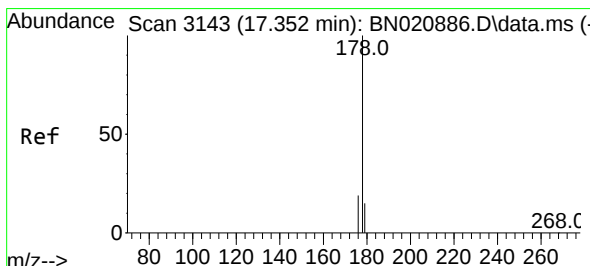
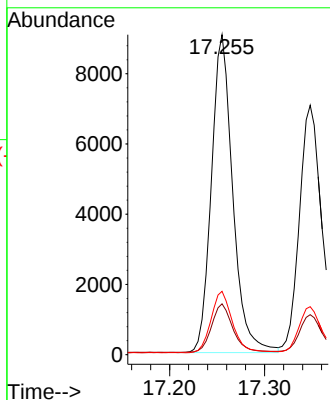
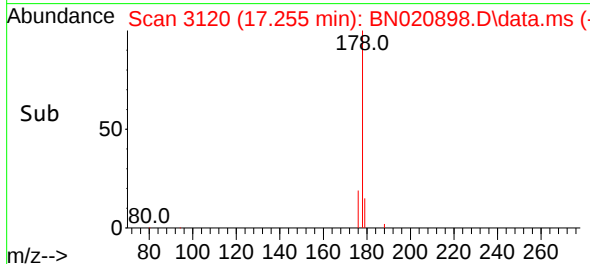
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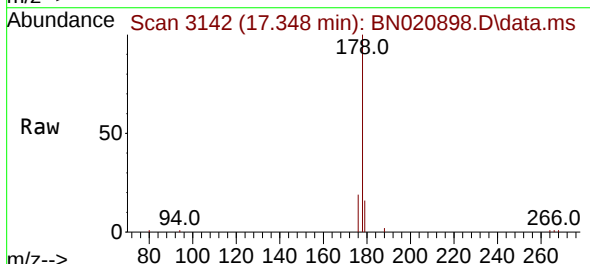
Tgt Ion:178 Resp: 14209
Ion Ratio Lower Upper
178 100
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176 19.8 15.8 23.6

Manual Integrations
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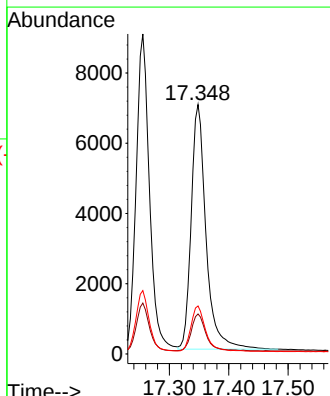
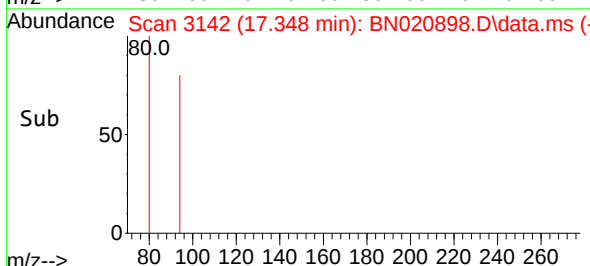
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

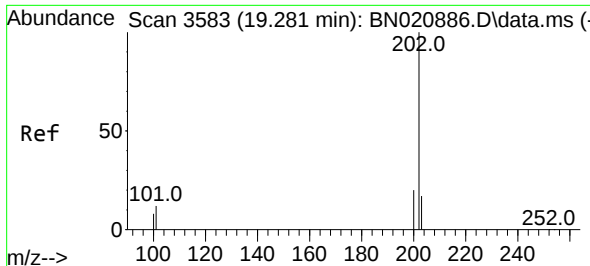


#16
Anthracene
Concen: 0.402 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24



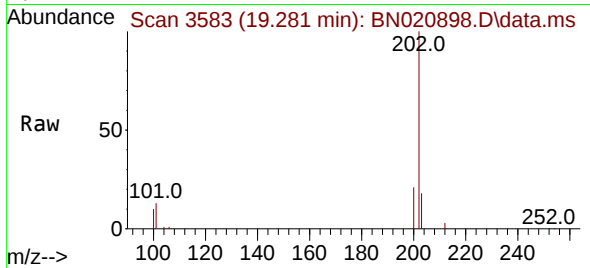
Tgt Ion:178 Resp: 12109
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.3 15.2 22.8





#19
Fluoranthene
Concen: 0.392 ng/u1
RT: 19.281 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

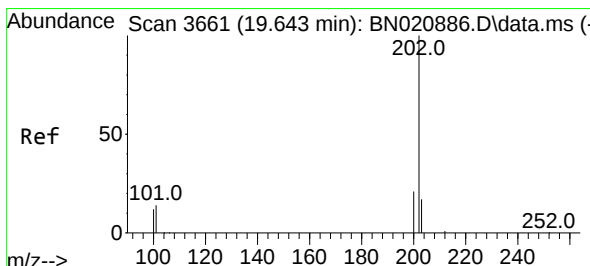
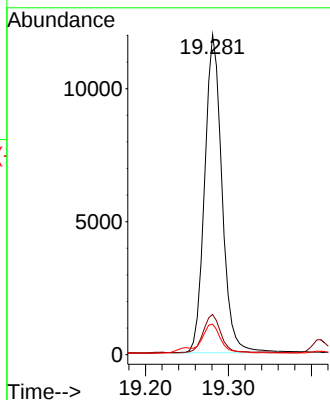
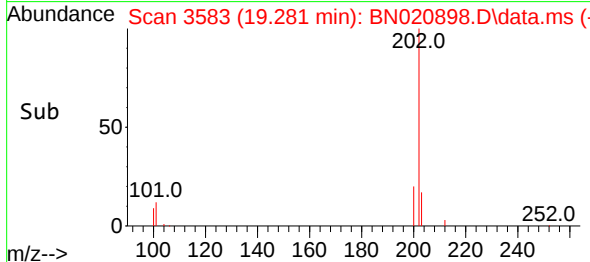
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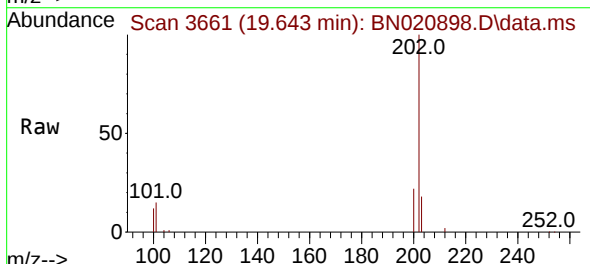
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Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.5 7.8 11.6

Manual Integrations
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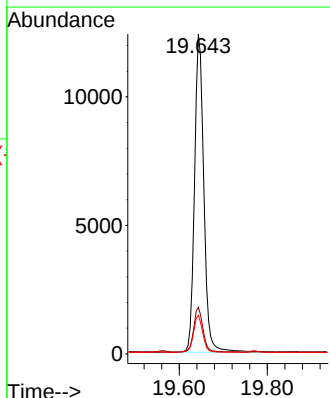
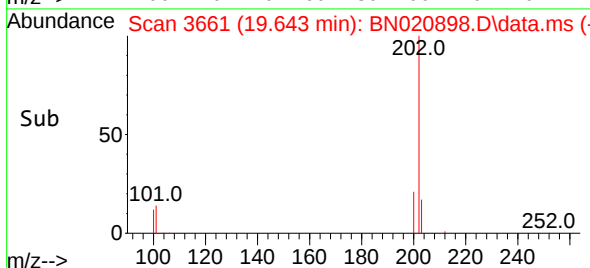
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

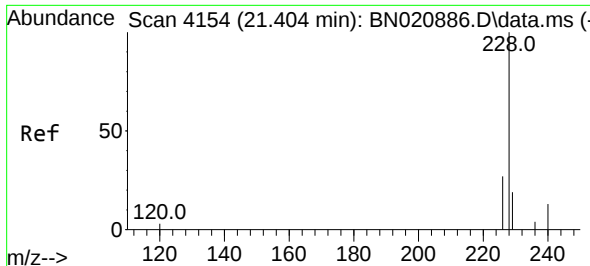


#20
Pyrene
Concen: 0.392 ng/u1
RT: 19.643 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24



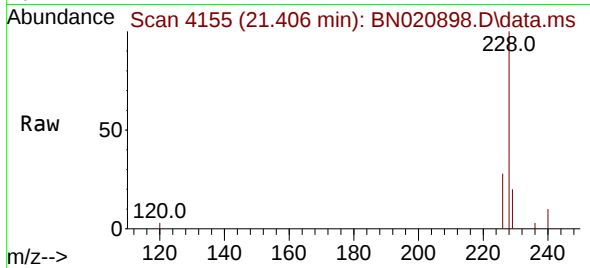
Tgt Ion:202 Resp: 18133
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 12.1 9.2 13.8





#21
Benzo(a)anthracene
Concen: 0.478 ng/ul
RT: 21.406 min Scan# 4154
Delta R.T. -0.010 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

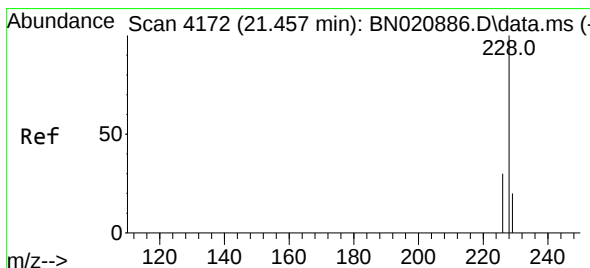
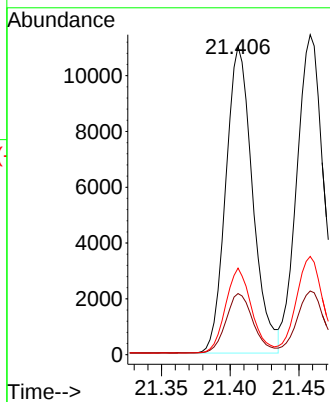
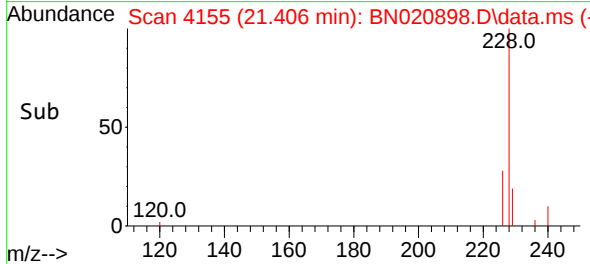
Instrument :
BNA_N
ClientSampleId :
GBJ15MSD



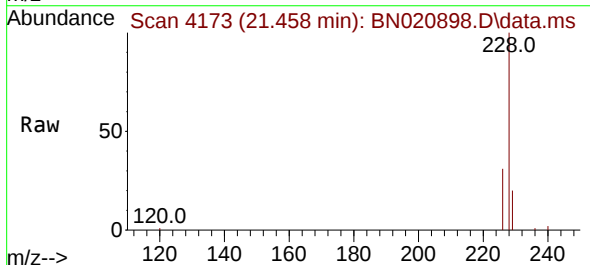
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Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 28.1 22.2 33.2

Manual Integrations
APPROVED

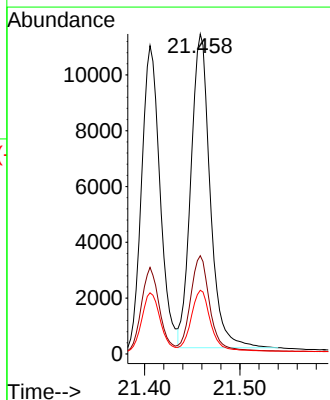
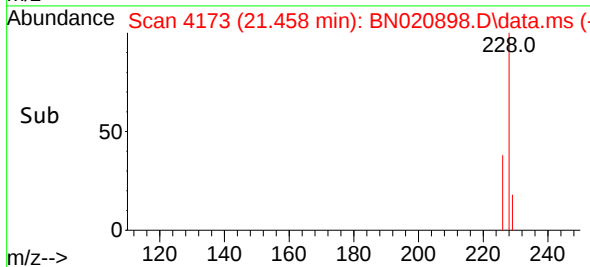
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

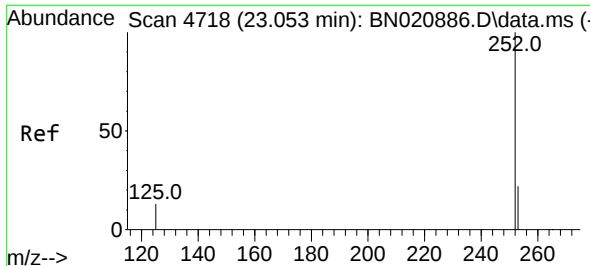


#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.007 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24



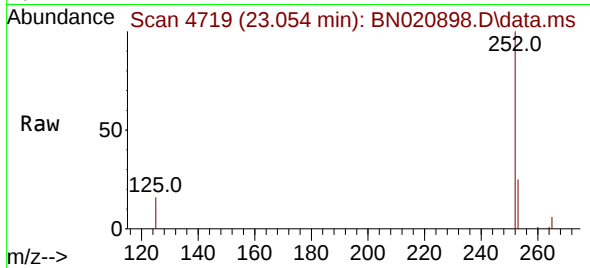
Tgt Ion:228 Resp: 15773
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 19.9 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 23.054 min Scan# 4718
Delta R.T. -0.010 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

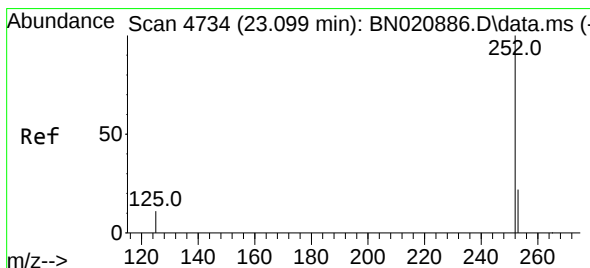
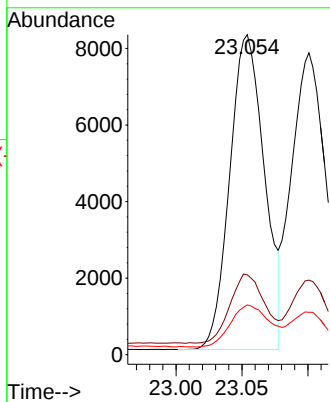
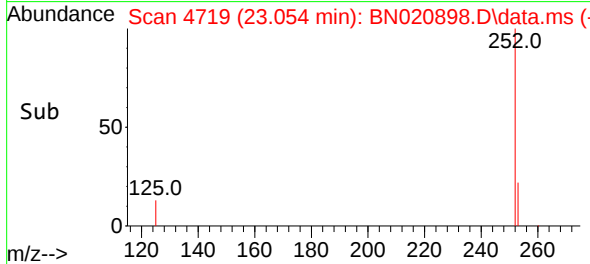
Instrument :
BNA_N
ClientSampleId :
GBJ15MSD



Tgt Ion:252 Resp: 15052
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.6
125 15.5 0.0 34.0

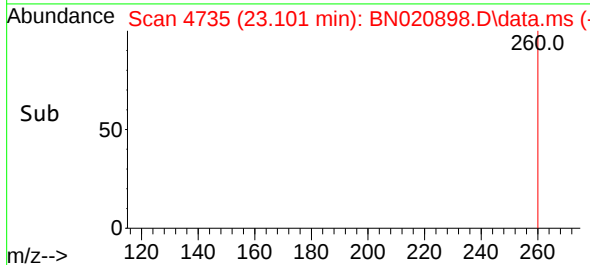
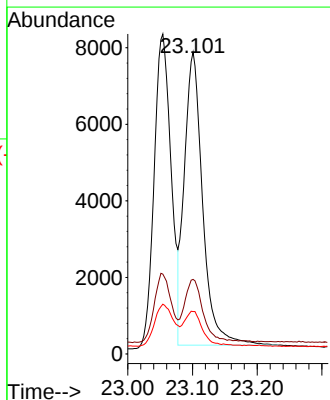
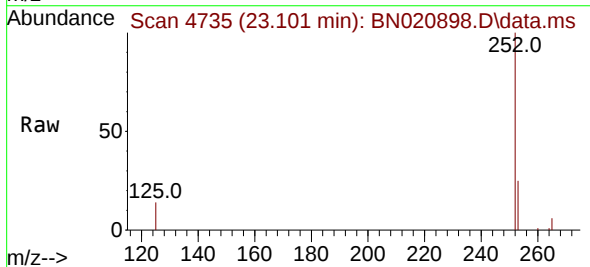
Manual Integrations
APPROVED

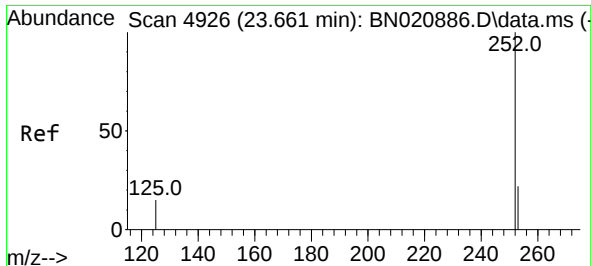
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. -0.007 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

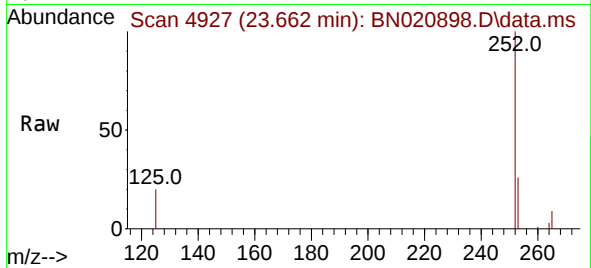
Tgt Ion:252 Resp: 15069
Ion Ratio Lower Upper
252 100
253 24.7 19.7 29.5
125 14.1 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.662 min Scan# 4926
Delta R.T. -0.013 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

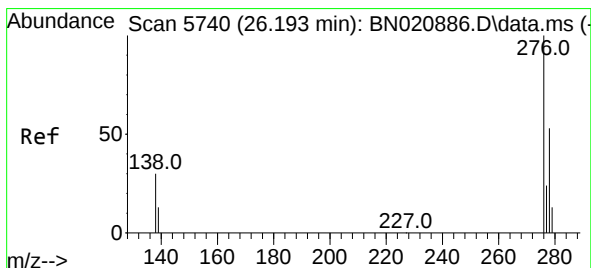
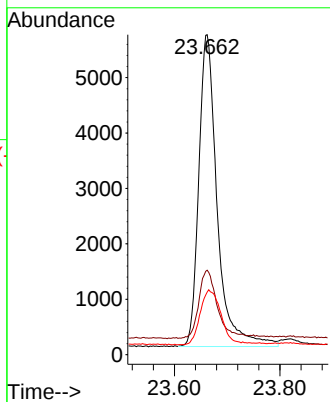
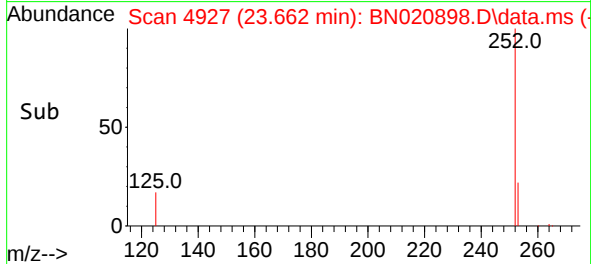
Instrument :
BNA_N
ClientSampleId :
GBJ15MSD



Tgt Ion:252 Resp: 13658
Ion Ratio Lower Upper
252 100
253 26.4 21.0 31.4
125 19.5 18.8 28.2

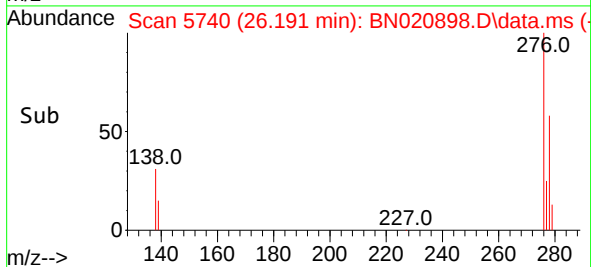
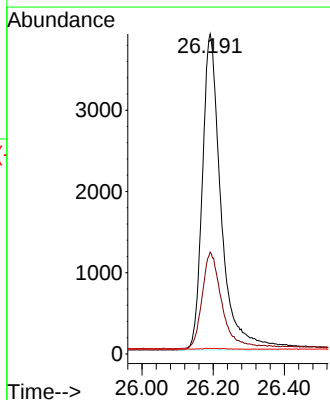
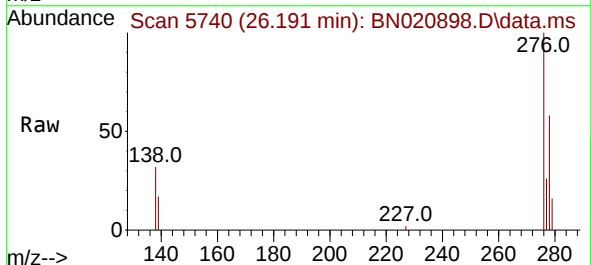
Manual Integrations
APPROVED

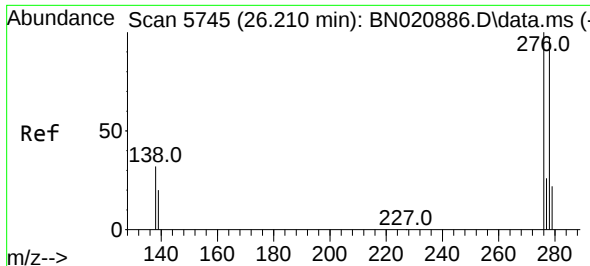
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.191 min Scan# 5740
Delta R.T. -0.018 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

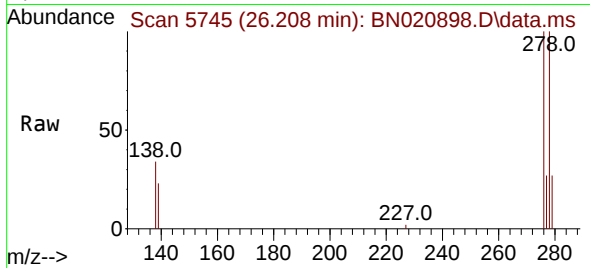
Tgt Ion:276 Resp: 14184
Ion Ratio Lower Upper
276 100
138 32.6 27.4 41.2
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.208 min Scan# 5142
Delta R.T. -0.022 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24

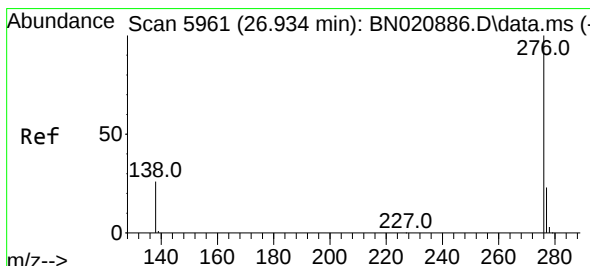
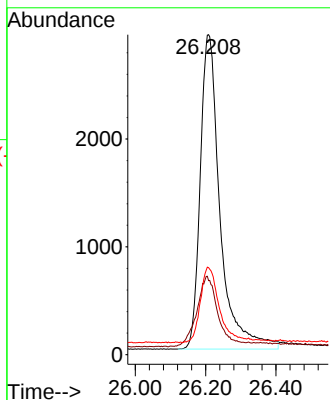
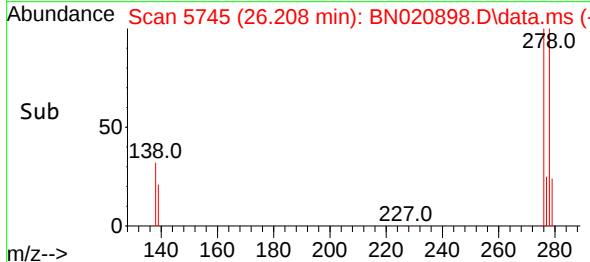
Instrument :
BNA_N
ClientSampleId :
GBJ15MSD



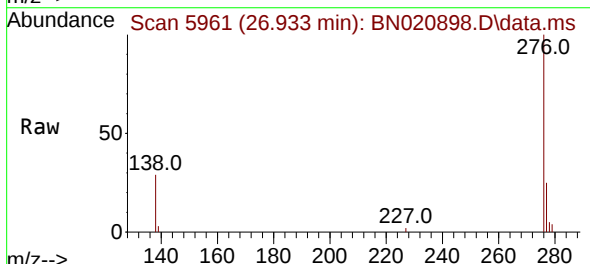
Tgt Ion:278 Resp: 1142
Ion Ratio Lower Upper
278 100
139 23.1 18.8 28.2
279 27.2 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.933 min Scan# 5961
Delta R.T. -0.015 min
Lab File: BN020898.D
Acq: 27 Jul 2022 14:24



Tgt Ion:276 Resp: 12384
Ion Ratio Lower Upper
276 100
138 29.0 23.5 35.3
277 25.3 20.1 30.1

