

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019922.D
 Acq On : 24 May 2022 13:06
 Operator : CG/JU
 Sample : N2843-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 25 01:45:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	13284	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	7997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	16759	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	15095	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	11958	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1444	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	807	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	2007	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.687	128	1733	0.042	ng/ul#	89
7) 2-Methylnaphthalene	12.304	142	949	0.034	ng/ul#	100
8) 1-Methylnaphthalene	12.524	142	708	0.028	ng/ul#	100
10) Acenaphthylene	14.195	152	3749	0.082	ng/ul	95
11) Acenaphthene	14.537	153	1369	0.044	ng/ul	96
12) Fluorene	15.518	166	1465	0.042	ng/ul#	98
15) Phenanthrene	17.254	178	49925	0.847	ng/ul	99
16) Anthracene	17.342	178	9558	0.173	ng/ul	99
19) Fluoranthene	19.270	202	135876	1.804	ng/ul	99
20) Pyrene	19.633	202	119230	1.560	ng/ul	99
21) Benzo(a)anthracene	21.385	228	58194	0.943	ng/ul	97
22) Chrysene	21.435	228	58961	0.946	ng/ul	97
24) Benzo(b)fluoranthene	23.034	252	80832m	1.529	ng/ul	
25) Benzo(k)fluoranthene	23.075	252	25651m	0.498	ng/ul	
26) Benzo(a)pyrene	23.636	252	54932	1.099	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.141	276	40072	0.764	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.151	278	8363	0.195	ng/ul#	80
29) Benzo(g,h,i)perylene	26.879	276	31409	0.700	ng/ul	96

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

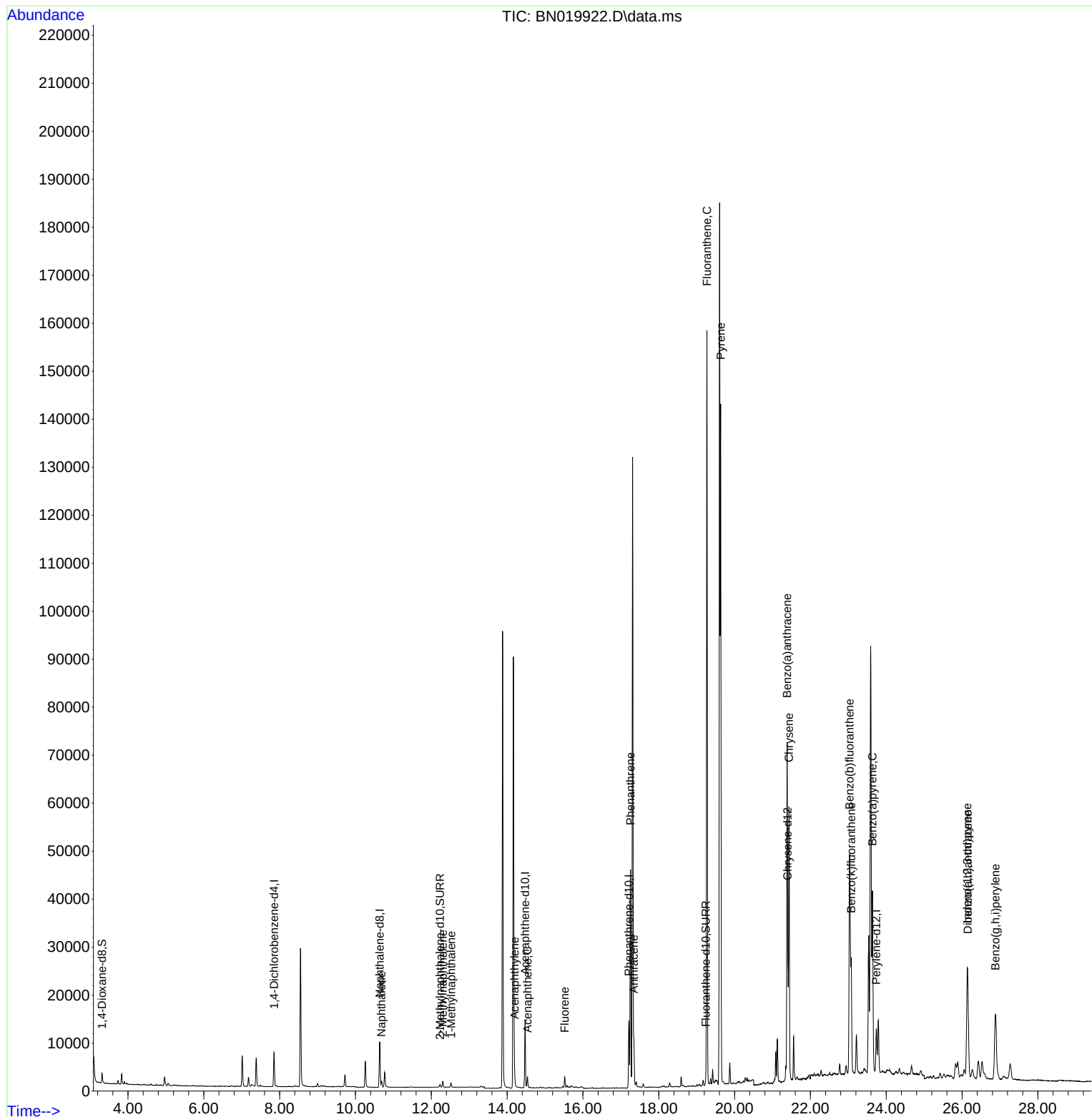
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019922.D
Acq On : 24 May 2022 13:06
Operator : CG/JU
Sample : N2843-02DL 5X
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ALS Vial : 7 Sample Multiplier: 1

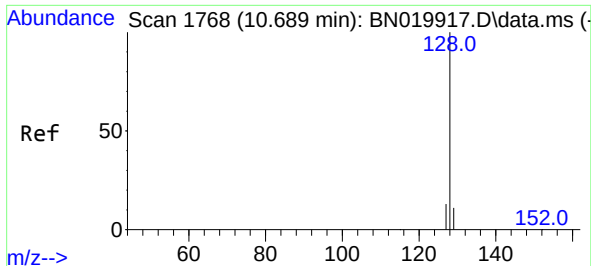
Instrument :
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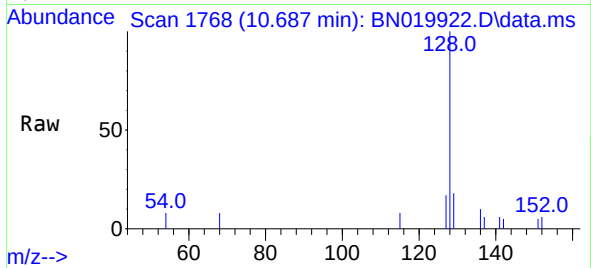
Quant Time: May 25 01:45:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.687 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

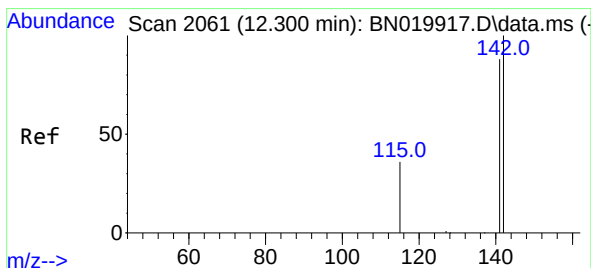
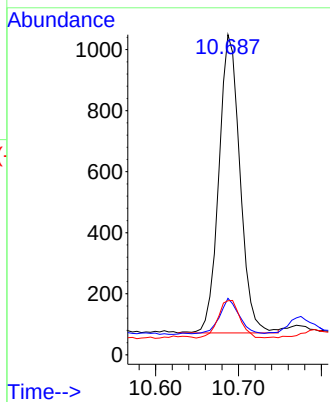
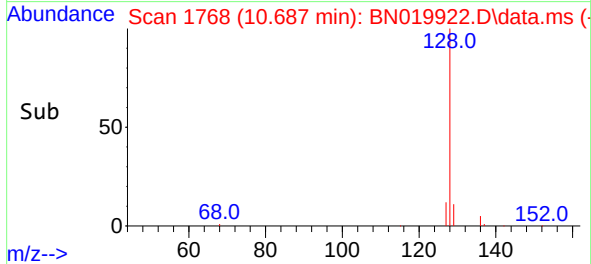
Instrument :
BNA_N
ClientSampleId :
EW4H4DL



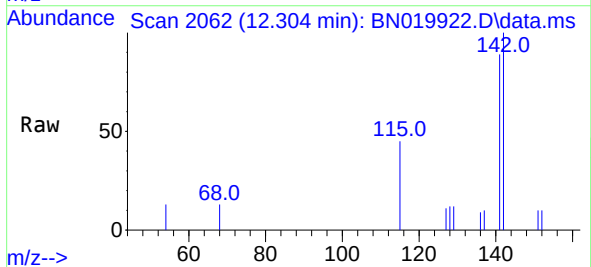
Tgt Ion:128 Resp: 173
Ion Ratio Lower Upper
128 100
129 17.6 9.5 14.3
127 16.9 11.0 16.4

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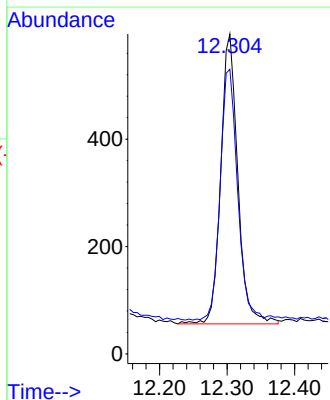
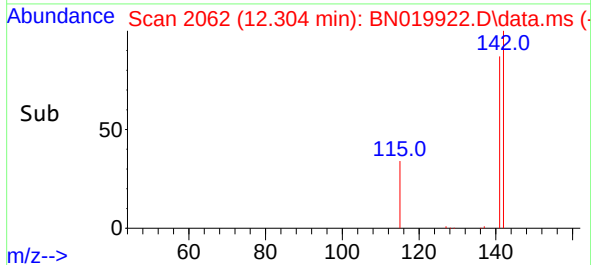
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022

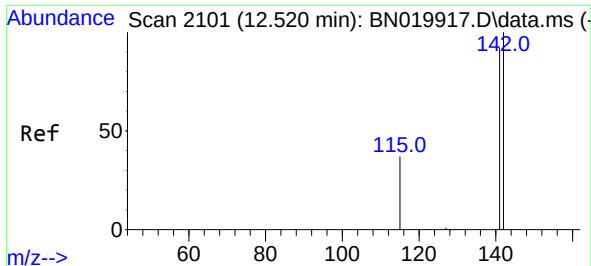


#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.304 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06



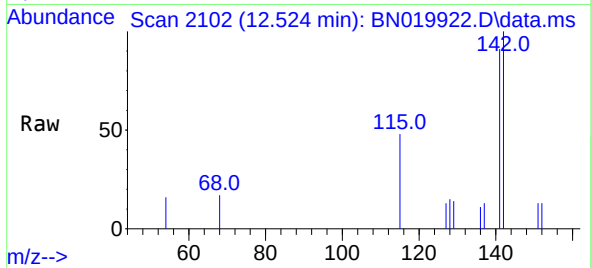
Tgt Ion:142 Resp: 949
Ion Ratio Lower Upper
142 100
141 88.4 0.0 0.0





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.524 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

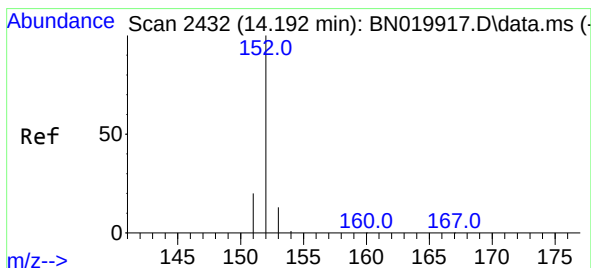
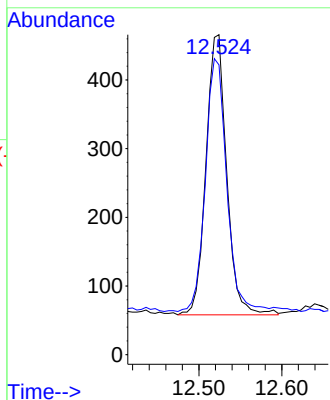
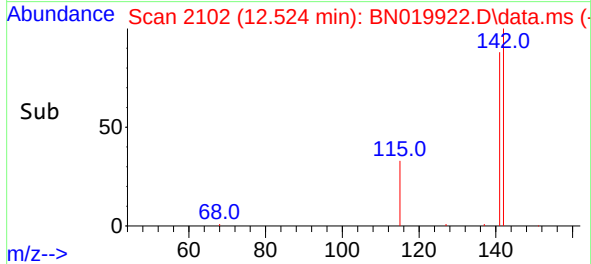
Instrument :
BNA_N
ClientSampleId :
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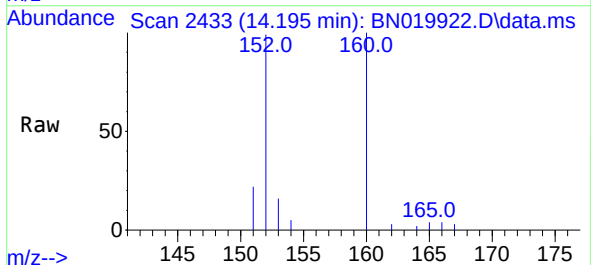
Tgt Ion:142 Resp: 708
Ion Ratio Lower Upper
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141 93.1 0.0 0.0

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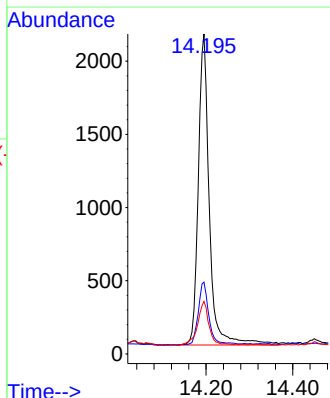
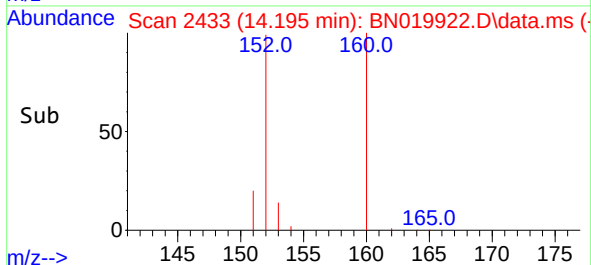
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022

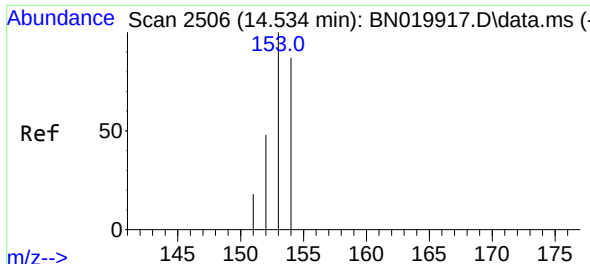


#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.195 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06



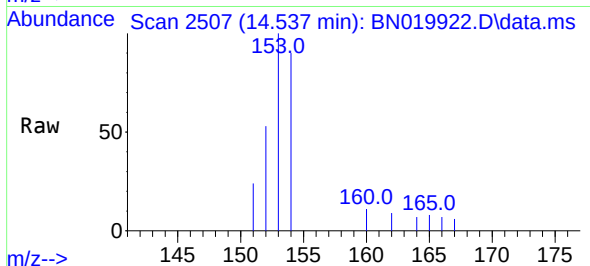
Tgt Ion:152 Resp: 3749
Ion Ratio Lower Upper
152 100
151 22.4 16.3 24.5
153 16.4 11.1 16.7





#11
Acenaphthene
Concen: 0.044 ng/u1
RT: 14.537 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

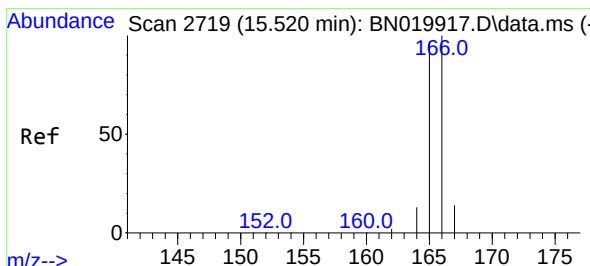
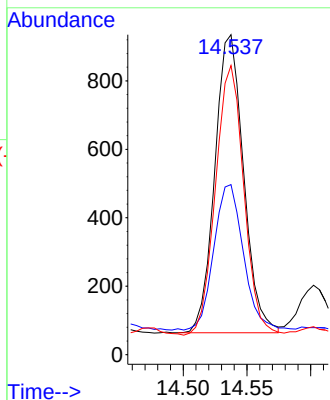
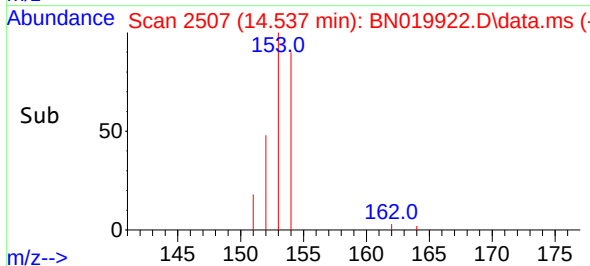
Instrument :
BNA_N
ClientSampleId :
EW4H4DL



Tgt Ion:153 Resp: 1369
Ion Ratio Lower Upper
153 100
152 53.2 38.6 57.8
154 90.4 71.2 106.8

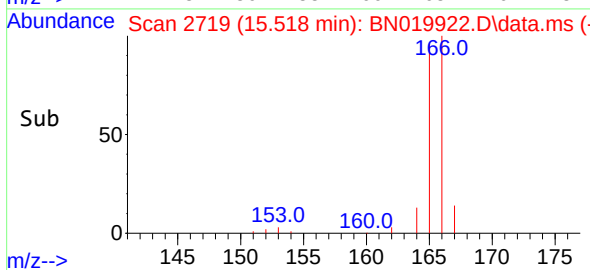
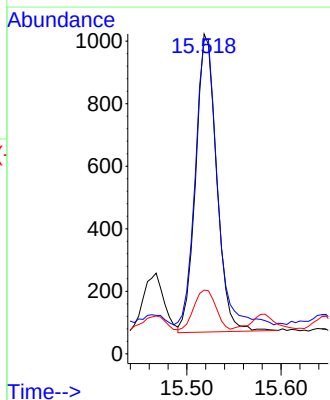
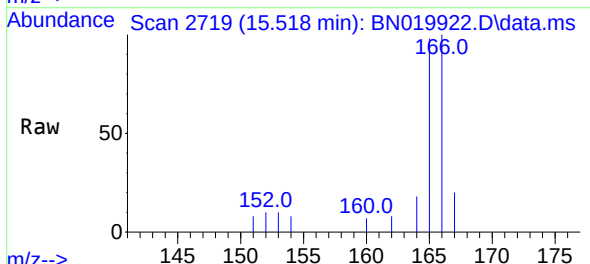
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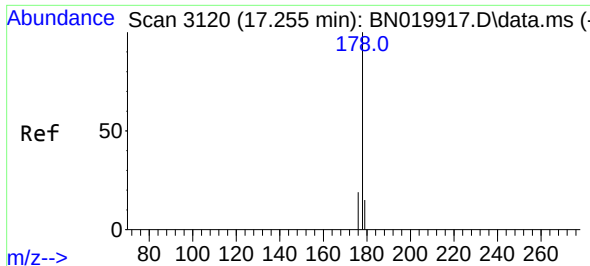
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#12
Fluorene
Concen: 0.042 ng/u1
RT: 15.518 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

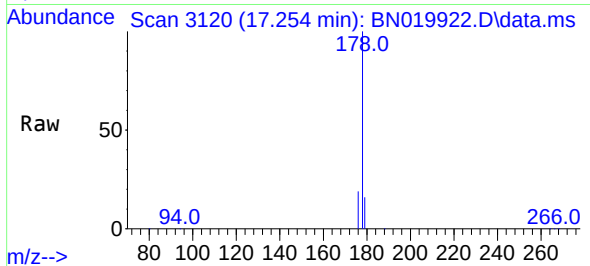
Tgt Ion:166 Resp: 1465
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 19.9 11.3 16.9#





#15
Phenanthrene
Concen: 0.847 ng/u1
RT: 17.254 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

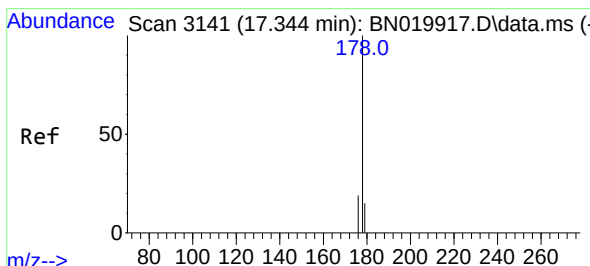
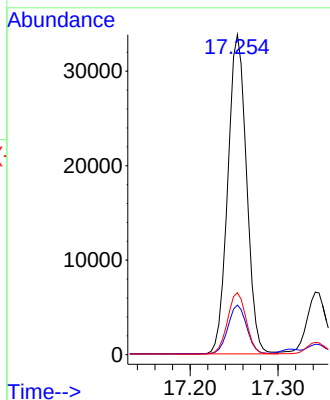
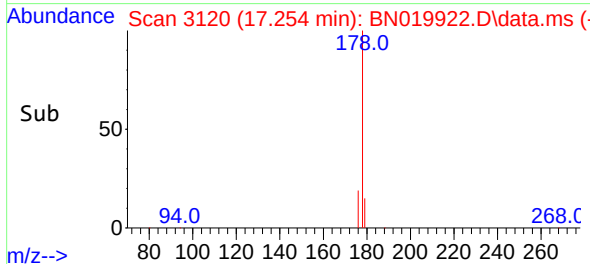
Instrument :
BNA_N
ClientSampleId :
EW4H4DL



Tgt Ion:178 Resp: 49925
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.3 15.5 23.3

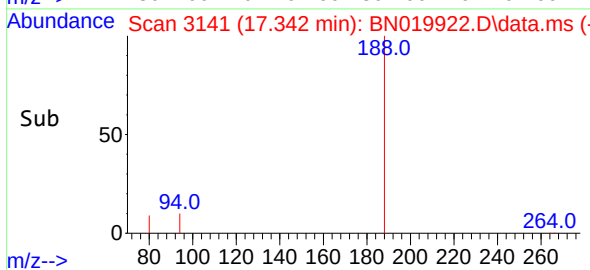
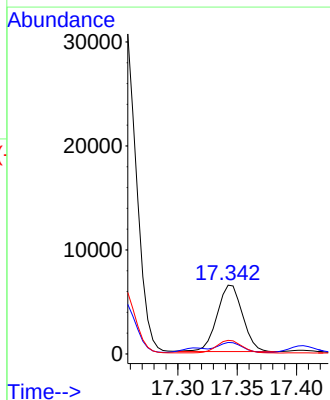
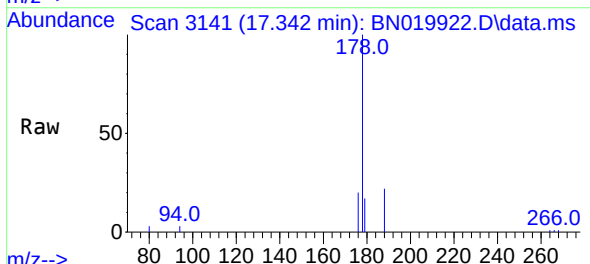
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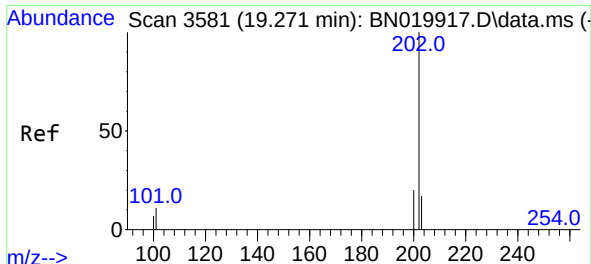
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#16
Anthracene
Concen: 0.173 ng/u1
RT: 17.342 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

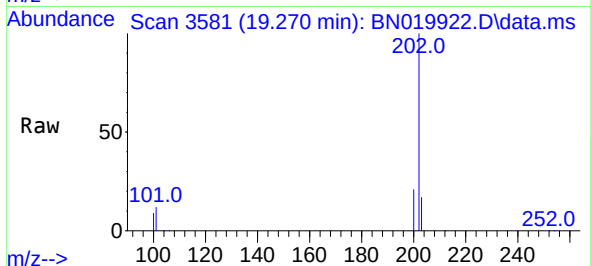
Tgt Ion:178 Resp: 9558
Ion Ratio Lower Upper
178 100
179 16.7 13.1 19.7
176 19.8 15.3 22.9





#19
Fluoranthene
Concen: 1.804 ng/u1
RT: 19.270 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

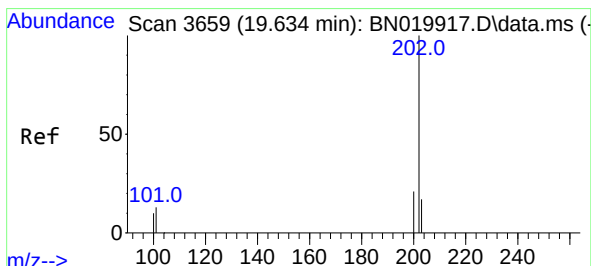
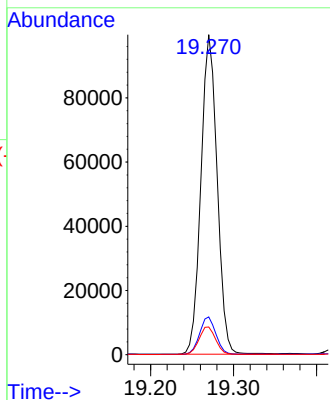
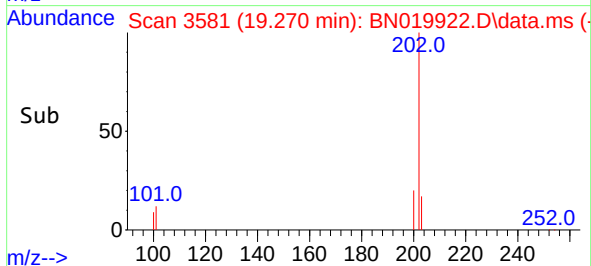
Instrument :
BNA_N
ClientSampleId :
EW4H4DL



Tgt Ion:202 Resp: 135870
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.7 7.4 11.2

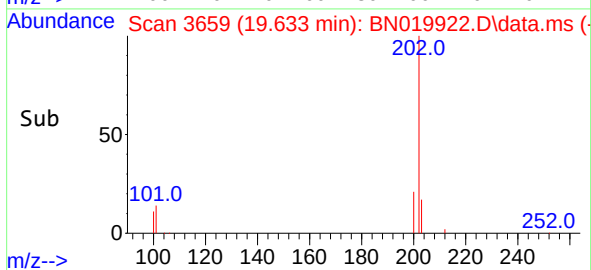
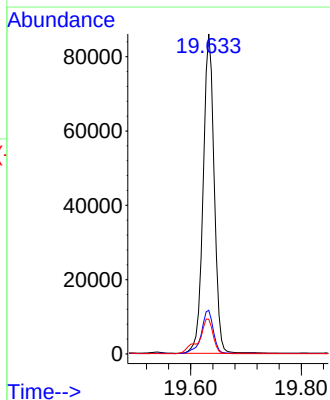
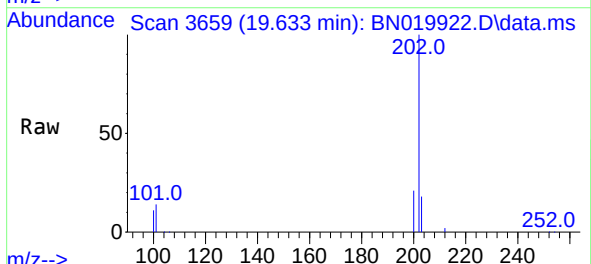
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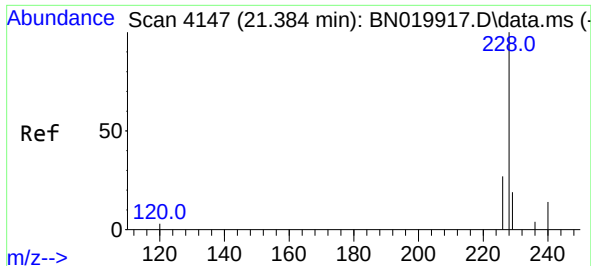
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#20
Pyrene
Concen: 1.560 ng/u1
RT: 19.633 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

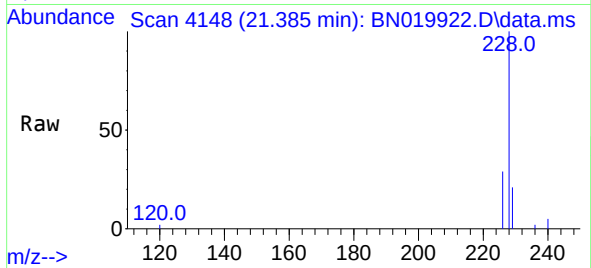
Tgt Ion:202 Resp: 119230
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.8 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.943 ng/ul
RT: 21.385 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

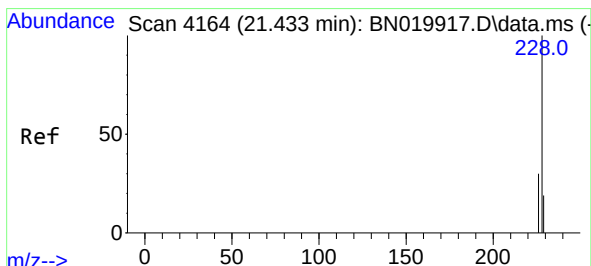
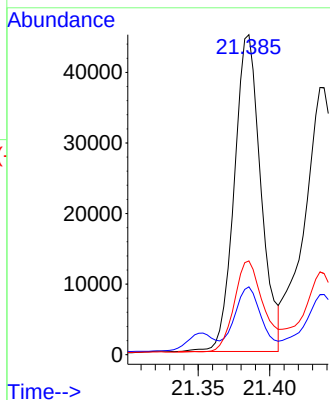
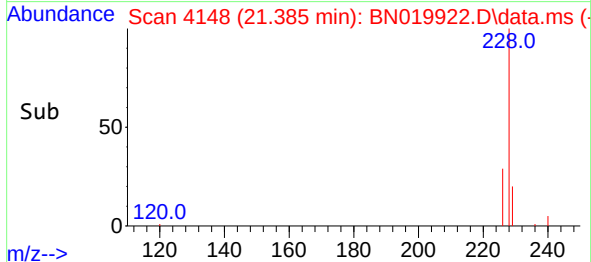
Instrument :
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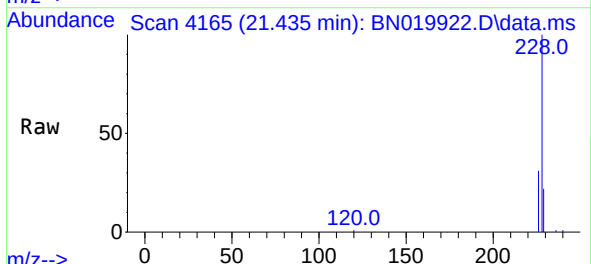
Tgt Ion:228 Resp: 58194
Ion Ratio Lower Upper
228 100
229 21.2 16.1 24.1
226 29.3 22.1 33.1

Manual Integrations
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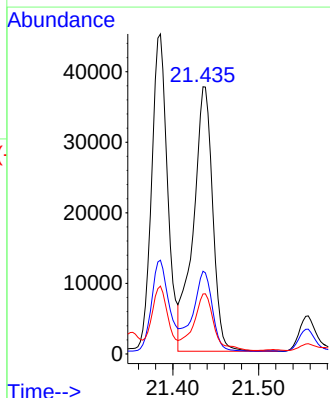
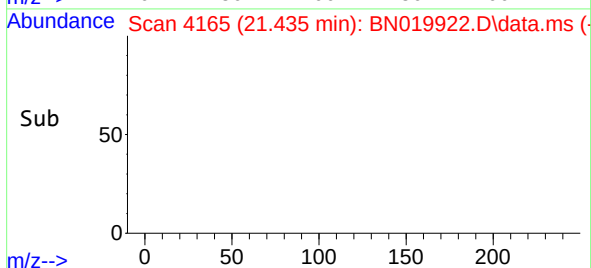
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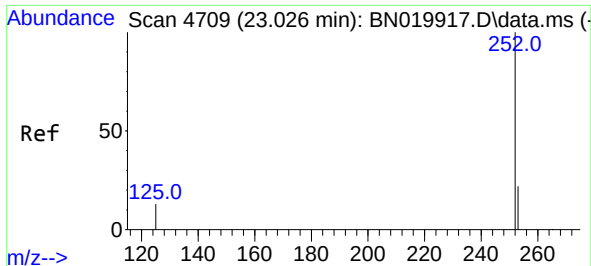


#22
Chrysene
Concen: 0.946 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.002 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06



Tgt Ion:228 Resp: 58961
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 22.4 16.0 24.0





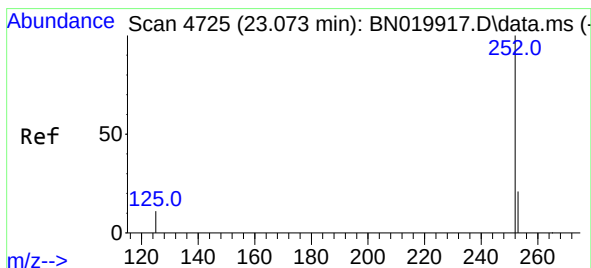
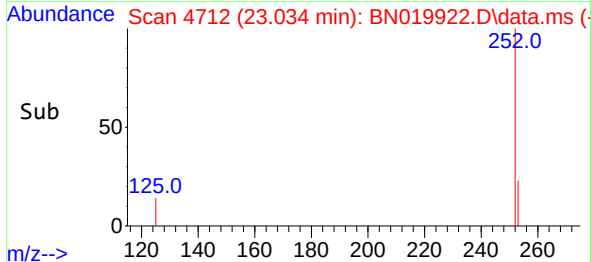
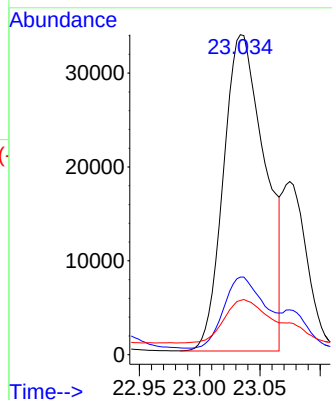
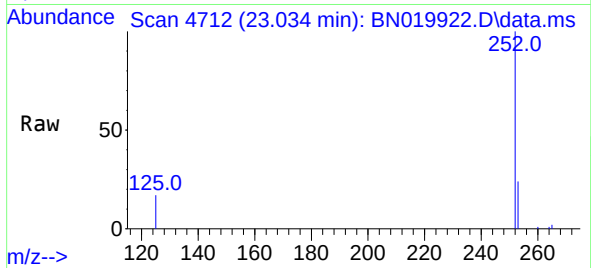
#24
Benzo(b)fluoranthene
Concen: 1.529 ng/ul m
RT: 23.034 min Scan# 4712
Delta R.T. 0.003 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

Instrument :
BNA_N
ClientSampleId :
EW4H4DL

Tgt Ion:252 Resp: 8083
Ion Ratio Lower Upper
252 100
253 24.2 0.0 52.0
125 16.9 0.0 40.2

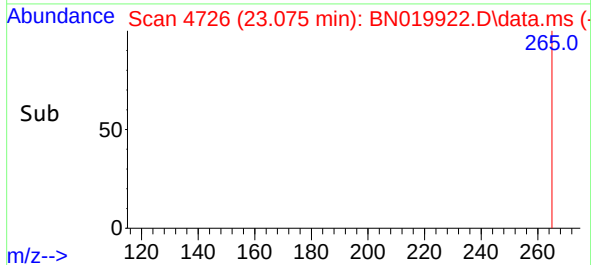
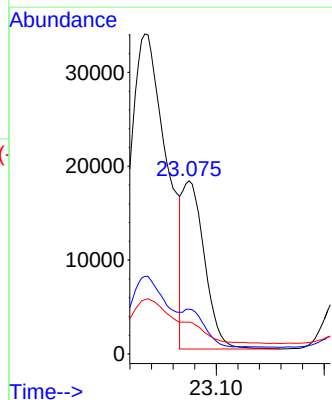
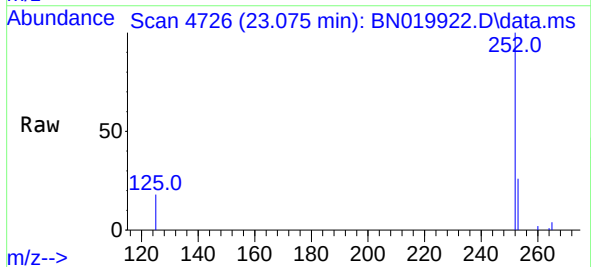
Manual Integrations
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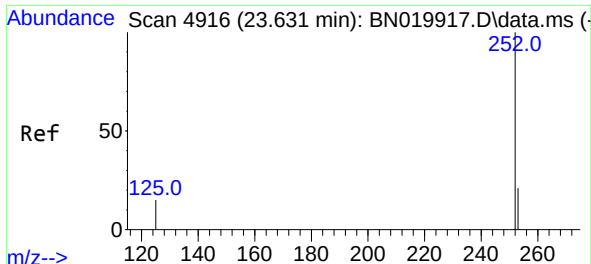
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.498 ng/ul m
RT: 23.075 min Scan# 4726
Delta R.T. -0.005 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

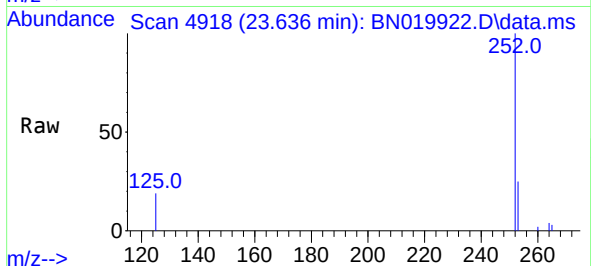
Tgt Ion:252 Resp: 25651
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.2
125 18.4 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 1.099 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

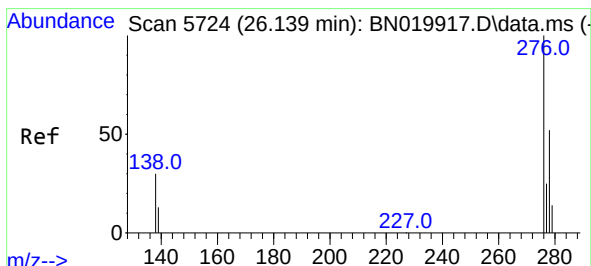
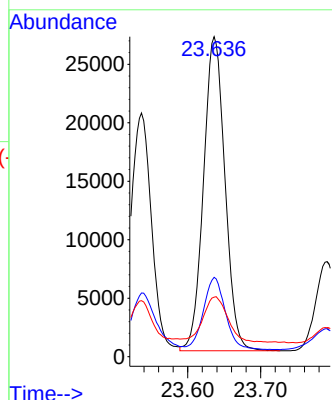
Instrument :
BNA_N
ClientSampleId :
EW4H4DL



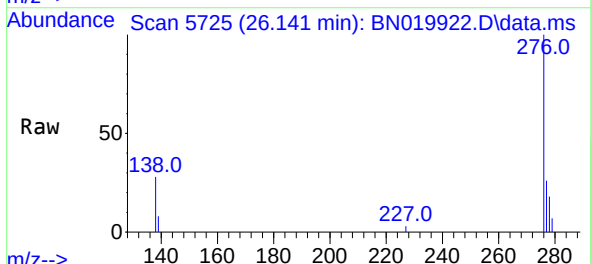
Tgt Ion:252 Resp: 54932
Ion Ratio Lower Upper
252 100
253 24.8 23.4 35.0
125 18.6 28.3 42.5

Manual Integrations
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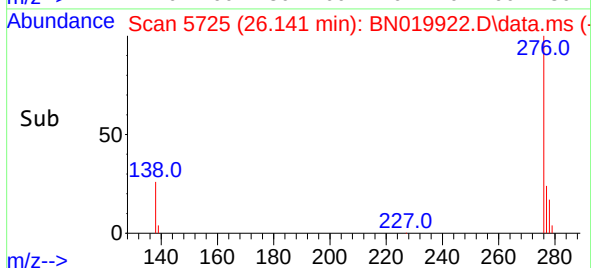
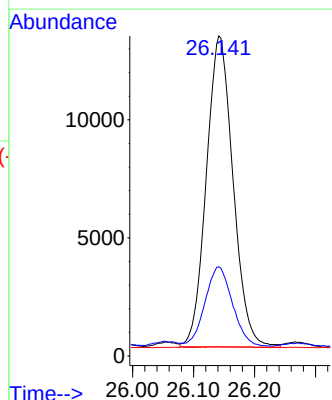
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022

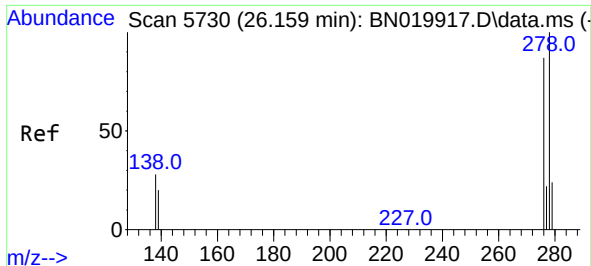


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.764 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06



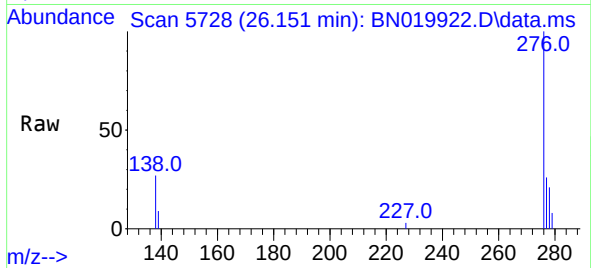
Tgt Ion:276 Resp: 40072
Ion Ratio Lower Upper
276 100
138 26.2 23.6 35.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 26.151 min Scan# 5728
Delta R.T. -0.013 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

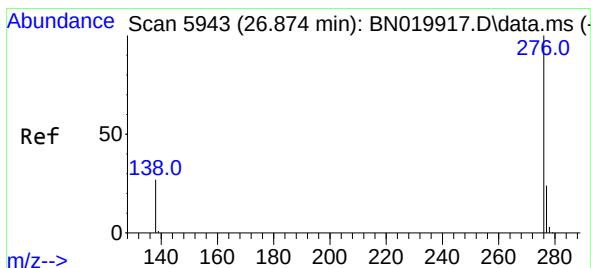
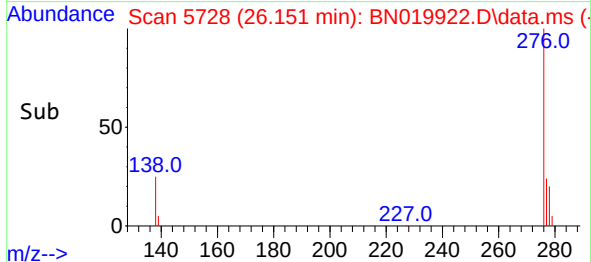
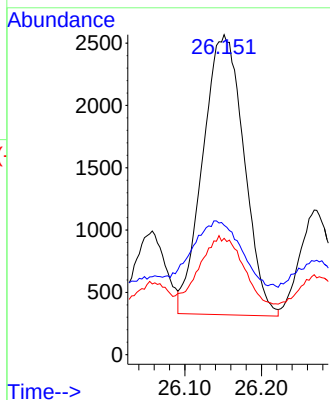
Instrument :
BNA_N
ClientSampleId :
EW4H4DL



Tgt Ion: 278 Resp: 836
Ion Ratio Lower Upper
278 100
139 40.5 18.6 28.0
279 36.3 35.1 52.7

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Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#29
Benzo(g,h,i)perylene
Concen: 0.700 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.006 min
Lab File: BN019922.D
Acq: 24 May 2022 13:06

Tgt Ion: 276 Resp: 31409
Ion Ratio Lower Upper
276 100
138 29.2 20.9 31.3
277 26.4 20.4 30.6

