

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
 Data File : BN019788.D
 Acq On : 16 May 2022 12:43
 Operator : CG/JU
 Sample : PB144658BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS658

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 01:42:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	3234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	10333	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.479	164	6041	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	13199	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	12744	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	10900	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2906m	0.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	6579	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	14972	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	7435m	1.830	ng/ul	
5) Naphthalene	10.694	128	11782	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.305	142	7586	0.372	ng/ul#	100
8) 1-Methylnaphthalene	12.525	142	7610	0.403	ng/ul#	100
10) Acenaphthylene	14.196	152	10127	0.339	ng/ul	100
11) Acenaphthene	14.539	153	8252	0.344	ng/ul	98
12) Fluorene	15.524	166	9417	0.357	ng/ul	100
14) Pentachlorophenol	16.867	266	1909	0.672	ng/ul	89
15) Phenanthrene	17.255	178	16810	0.346	ng/ul	99
16) Anthracene	17.348	178	13609	0.344	ng/ul	99
19) Fluoranthene	19.271	202	19106	0.328	ng/ul	98
20) Pyrene	19.634	202	19121	0.328	ng/ul	98
21) Benzo(a)anthracene	21.385	228	16229	0.341	ng/ul	100
22) Chrysene	21.435	228	20168	0.359	ng/ul	100
24) Benzo(b)fluoranthene	23.030	252	19174	0.347	ng/ul	91
25) Benzo(k)fluoranthene	23.074	252	19281	0.362	ng/ul	97
26) Benzo(a)pyrene	23.636	252	16563	0.352	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.144	276	20910	0.356	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.161	278	17413	0.354	ng/ul#	86
29) Benzo(g,h,i)perylene	26.879	276	17835	0.332	ng/ul	97

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

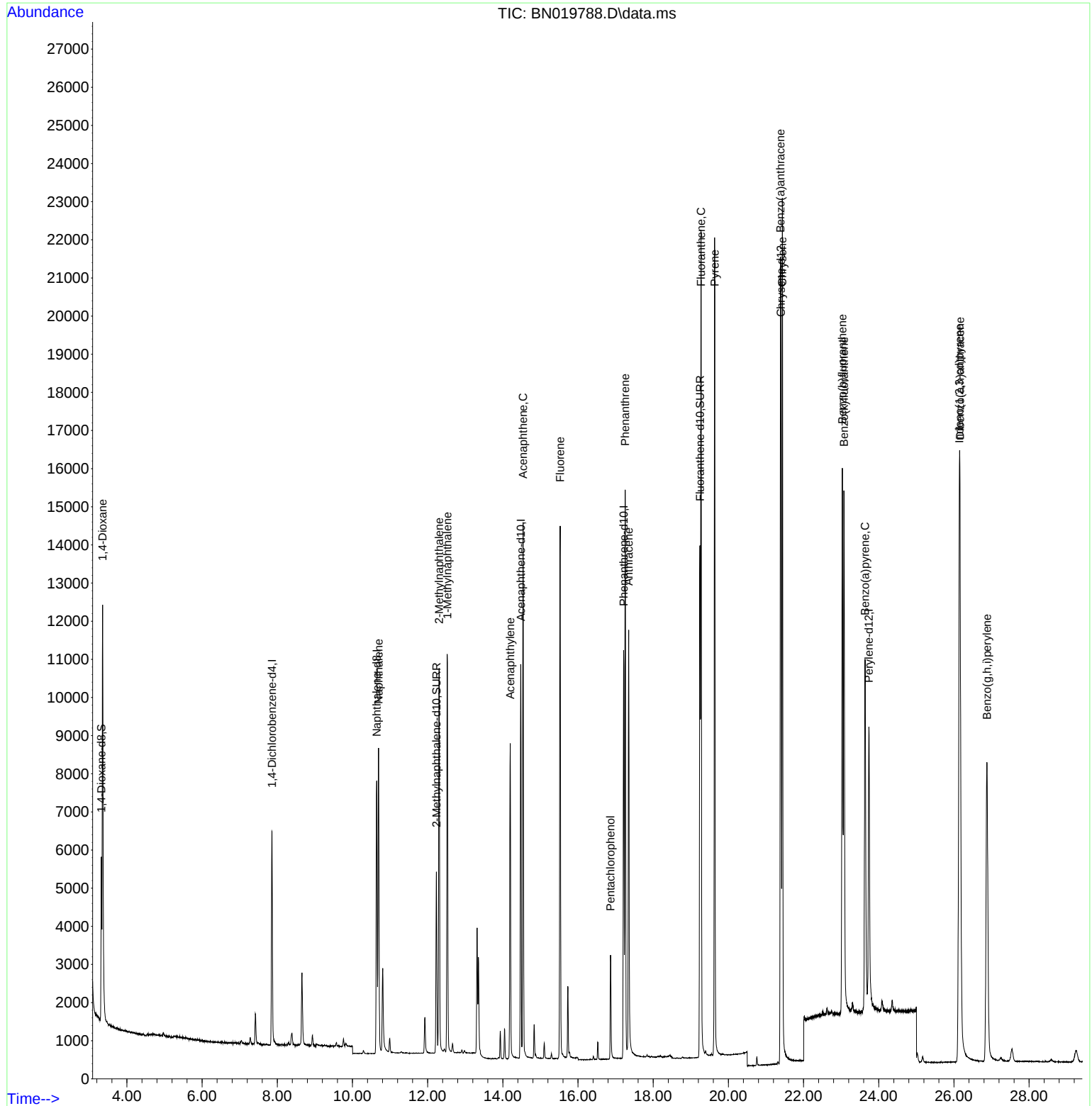
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
Data File : BN019788.D
Acq On : 16 May 2022 12:43
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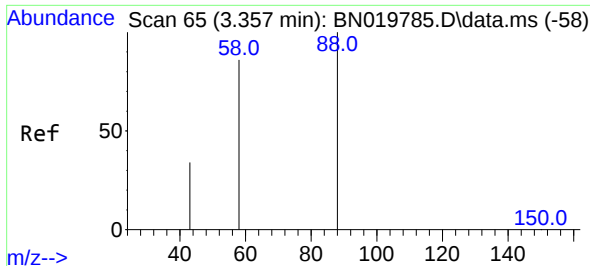
Instrument :
BNA_N
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Quant Time: May 17 01:42:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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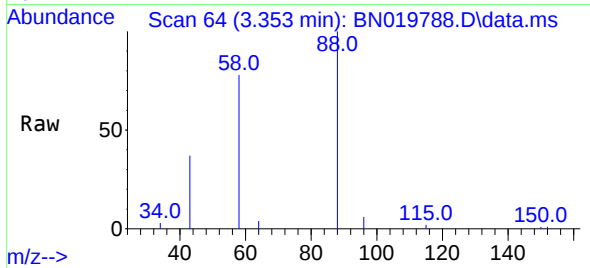
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022





#2
1,4-Dioxane
Concen: 1.830 ng/ul m
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

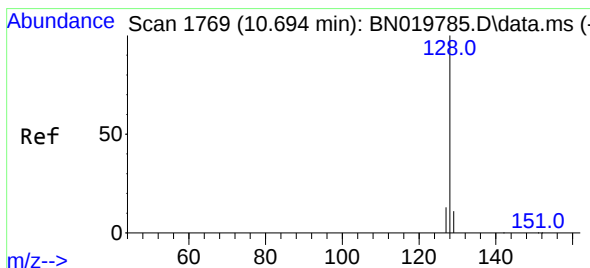
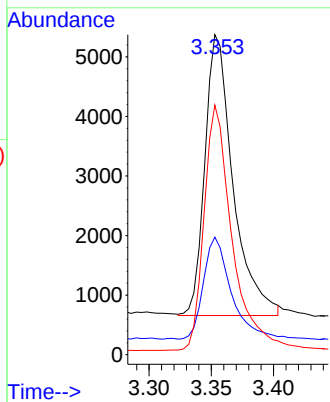
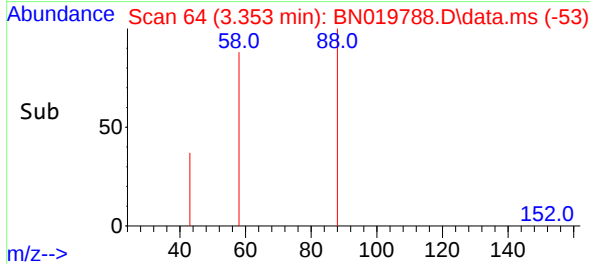
Instrument :
BNA_N
ClientSampleId :
SLCS658



Tgt Ion: 88 Resp: 743
Ion Ratio Lower Upper
88 100
43 36.8 39.0 58.4
58 78.0 39.8 59.8

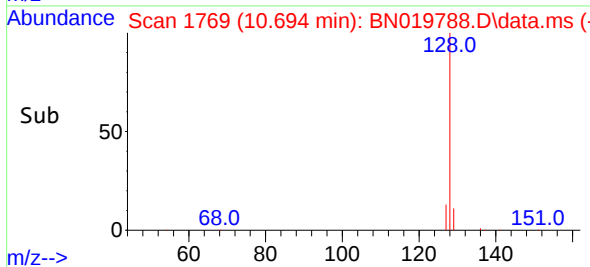
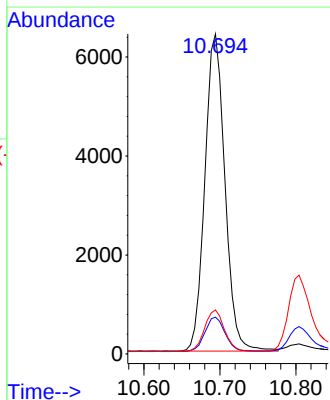
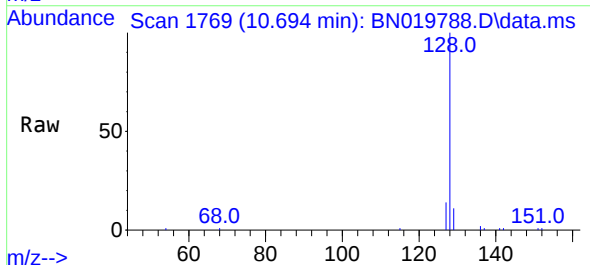
Manual Integrations
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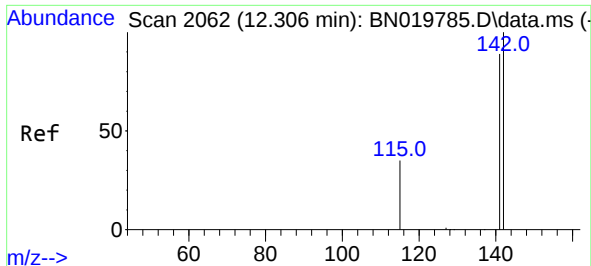
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

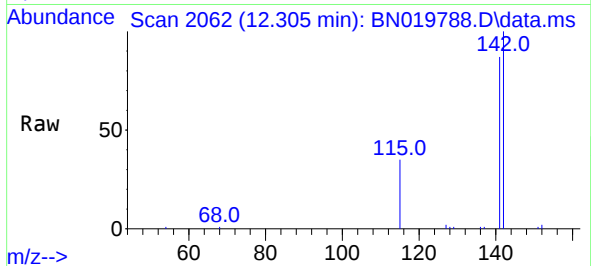
Tgt Ion:128 Resp: 11782
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

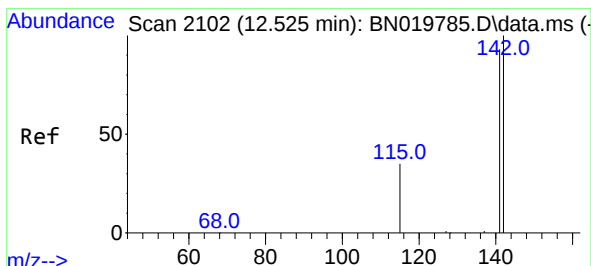
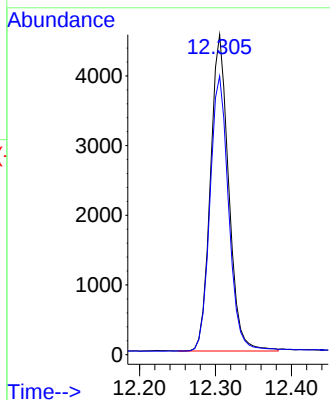
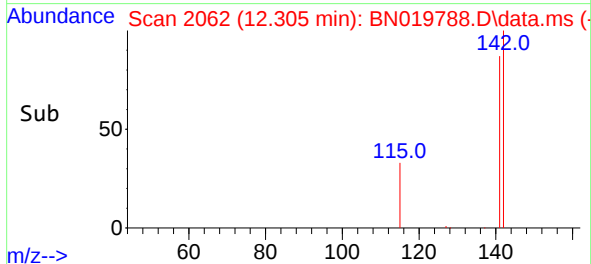
Instrument :
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ClientSampleId :
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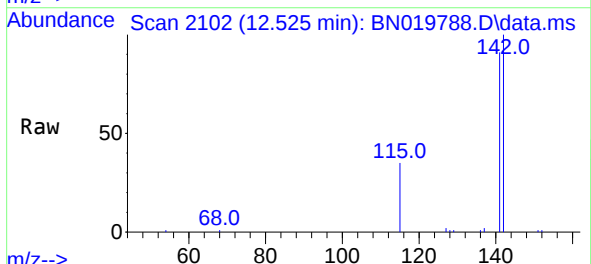
Tgt Ion:142 Resp: 7580
Ion Ratio Lower Upper
142 100
141 88.5 0.0 0.0

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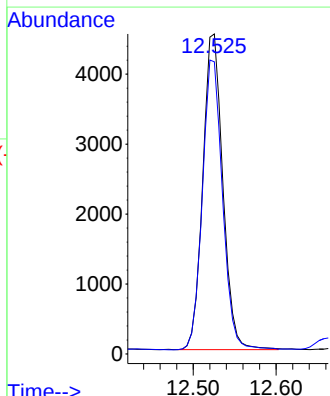
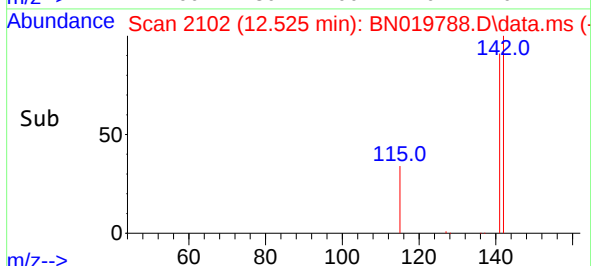
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

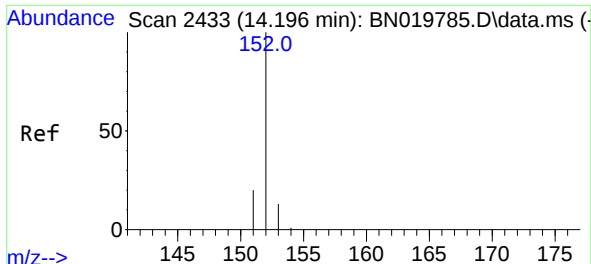


#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43



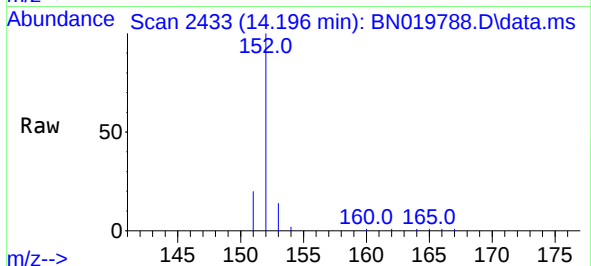
Tgt Ion:142 Resp: 7610
Ion Ratio Lower Upper
142 100
141 92.4 0.0 0.0





#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

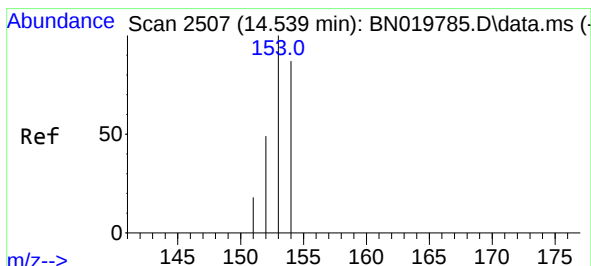
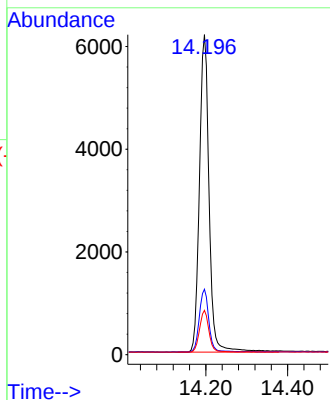
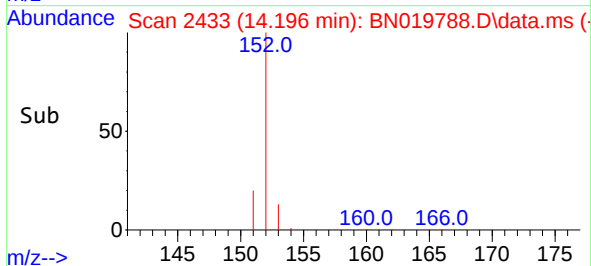
Instrument :
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ClientSampleId :
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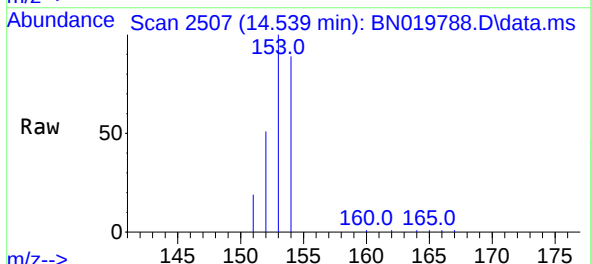
Tgt Ion:152 Resp: 1012
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.1 16.7

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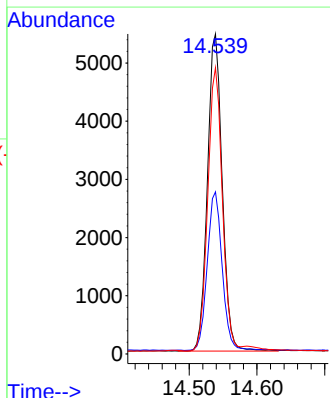
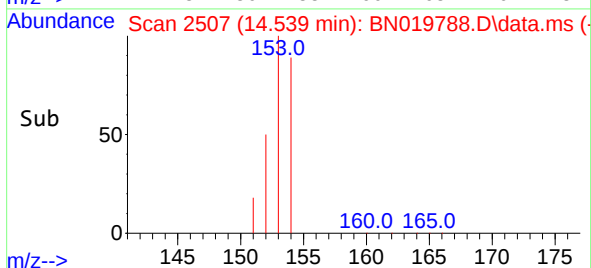
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

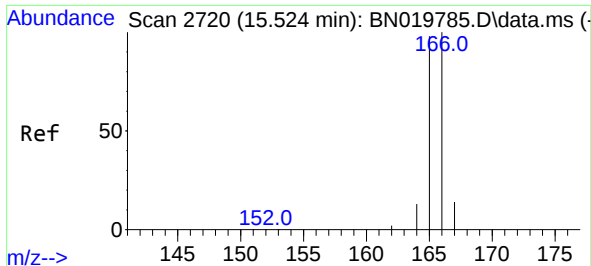


#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43



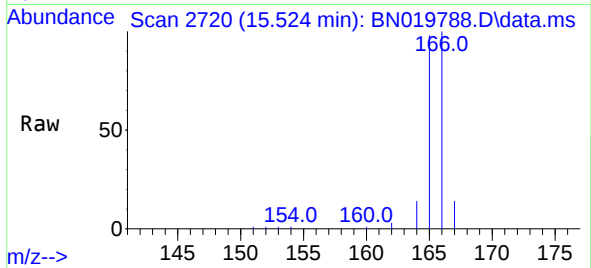
Tgt Ion:153 Resp: 8252
Ion Ratio Lower Upper
153 100
152 50.6 38.6 57.8
154 89.5 71.2 106.8





#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

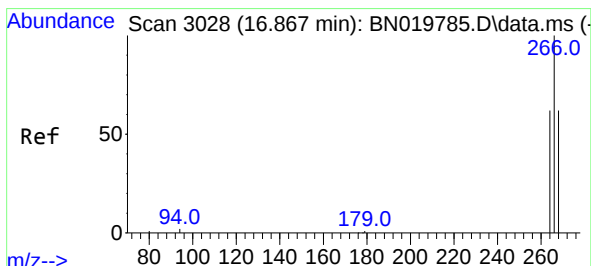
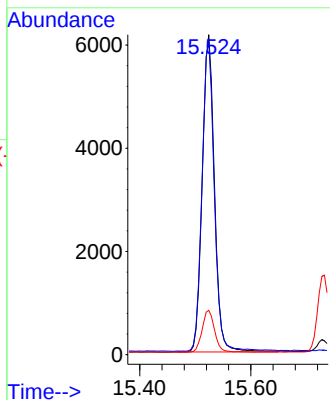
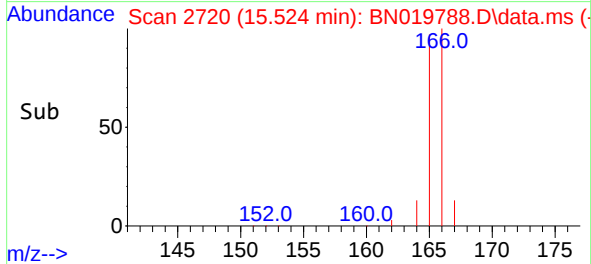
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.2
167	13.9	11.3	16.9

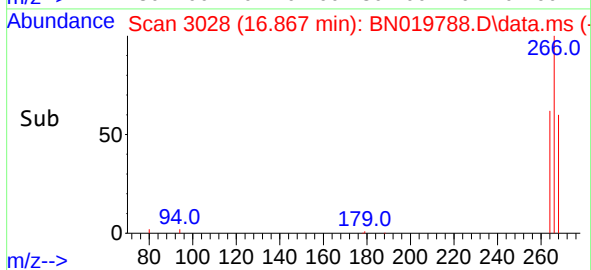
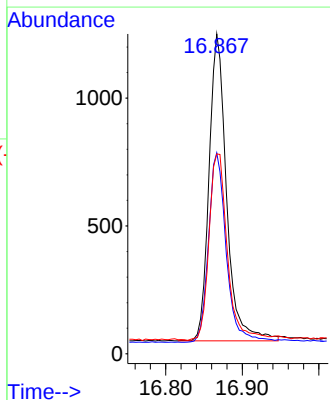
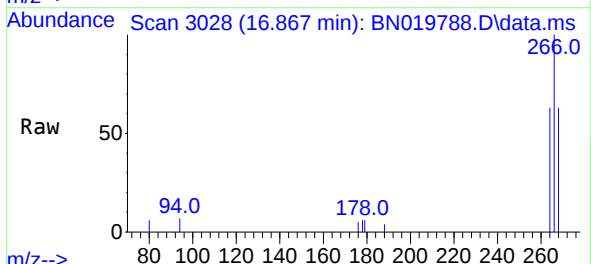
Manual Integrations
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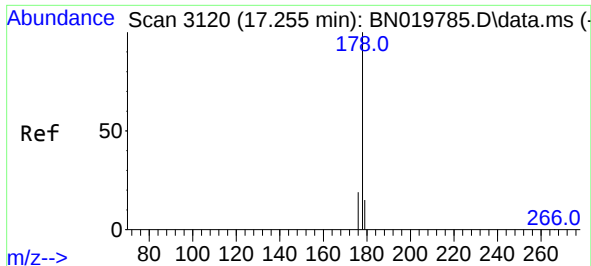
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#14
Pentachlorophenol
Concen: 0.672 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

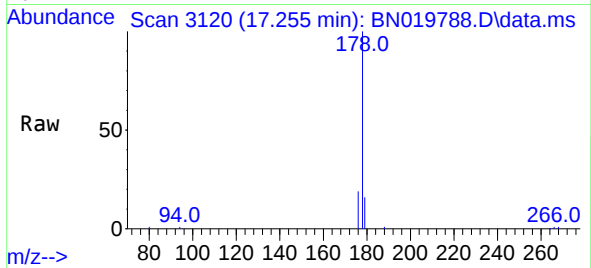
Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	44.9	67.3
268	64.4	44.6	67.0





#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

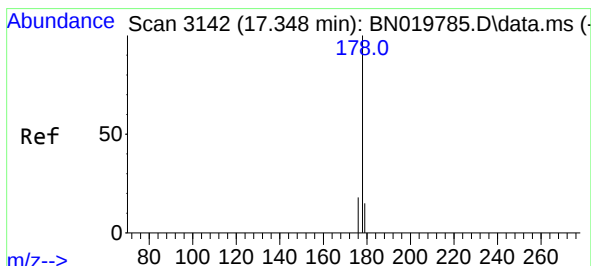
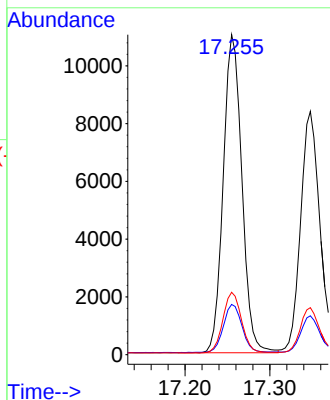
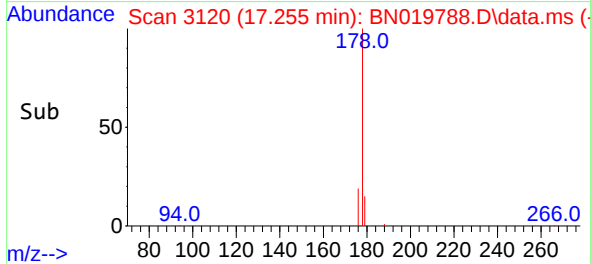
Instrument :
BNA_N
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Tgt Ion:178 Resp: 16810
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.5 15.5 23.3

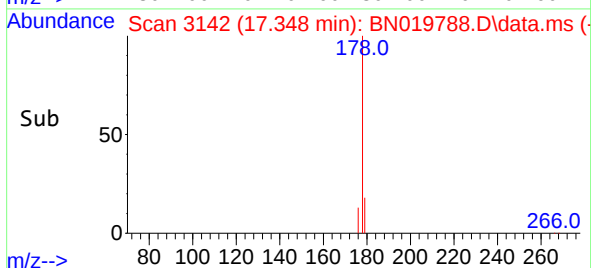
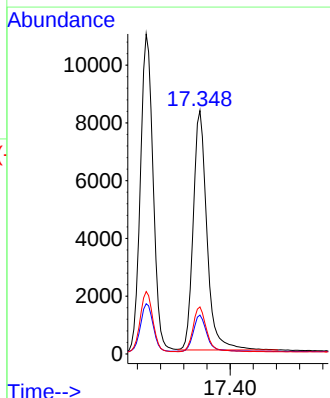
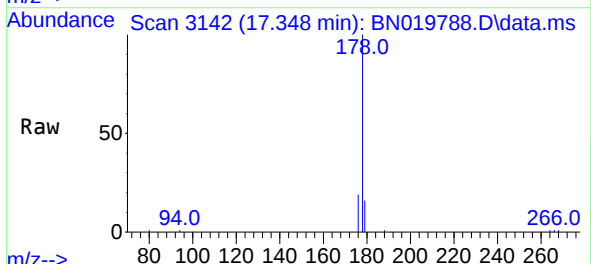
Manual Integrations
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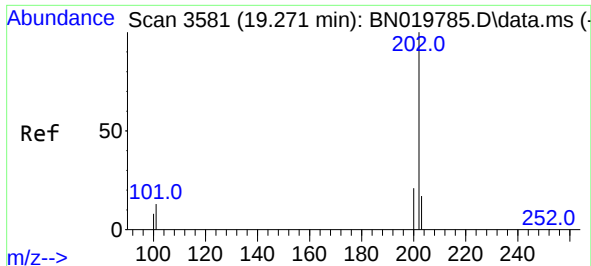
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

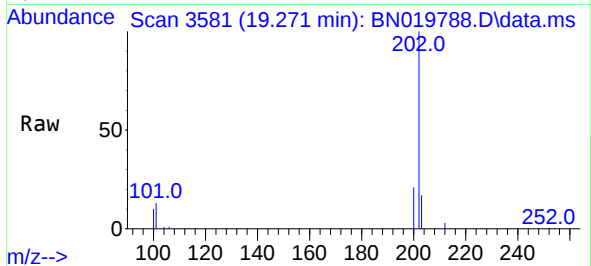
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Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 19.4 15.3 22.9





#19
Fluoranthene
Concen: 0.328 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

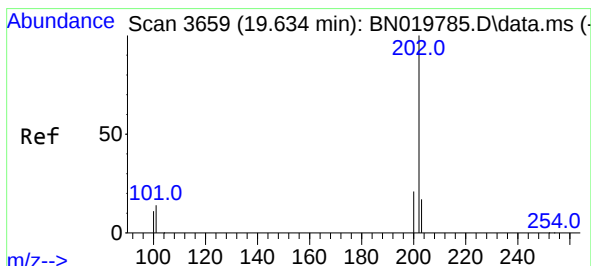
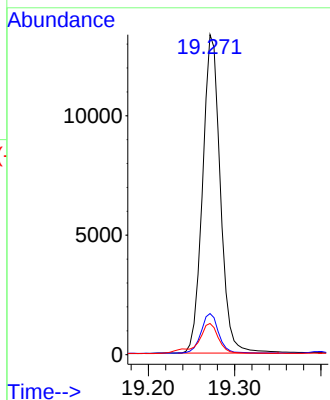
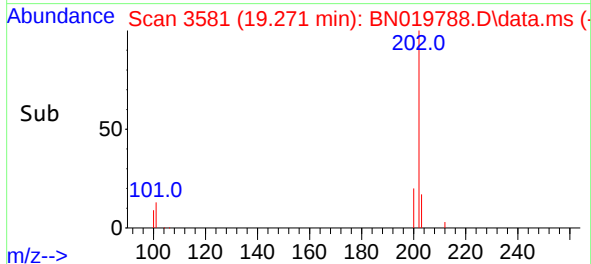
Instrument :
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ClientSampleId :
SLCS658



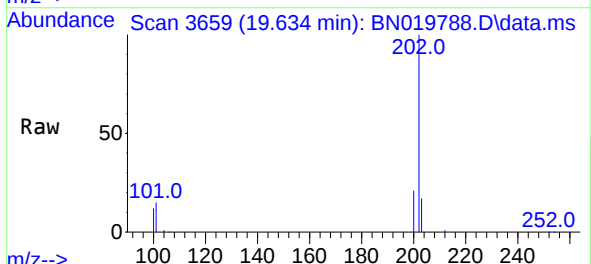
Tgt Ion:	202	Resp:	19100
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.7	14.5
100	9.7	7.4	11.2

Manual Integrations
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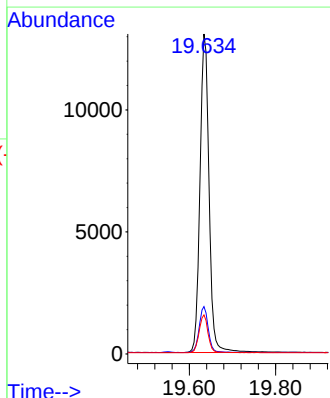
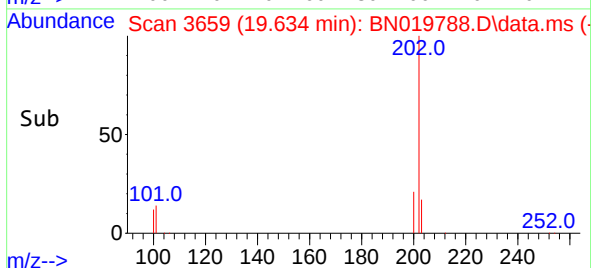
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

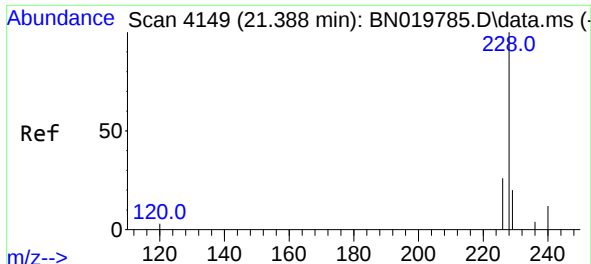


#20
Pyrene
Concen: 0.328 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43



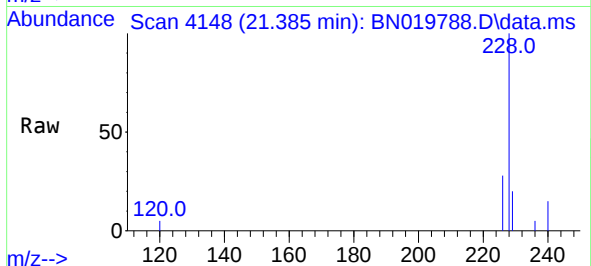
Tgt Ion:	202	Resp:	19121
Ion Ratio	Lower	Upper	
202	100		
101	14.8	11.4	17.0
100	12.2	9.0	13.4





#21
Benzo(a)anthracene
Concen: 0.341 ng/u1
RT: 21.385 min Scan# 4149
Delta R.T. -0.003 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

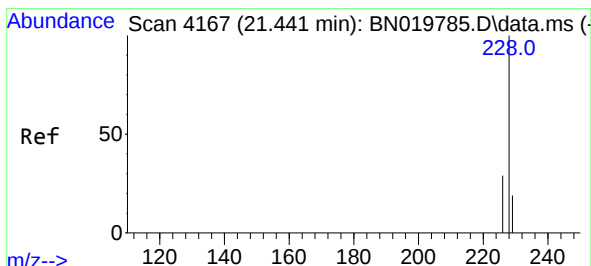
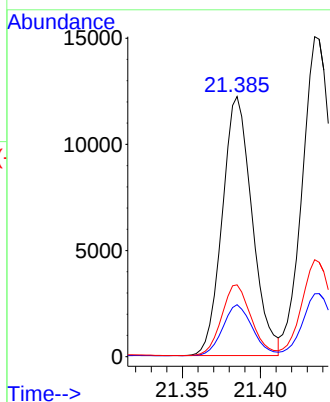
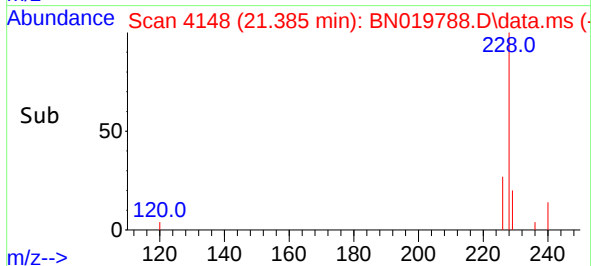
Instrument :
BNA_N
ClientSampleId :
SLCS658



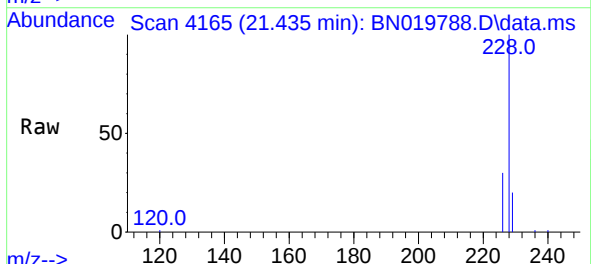
Tgt Ion:228 Resp: 16229
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.6 22.1 33.1

Manual Integrations
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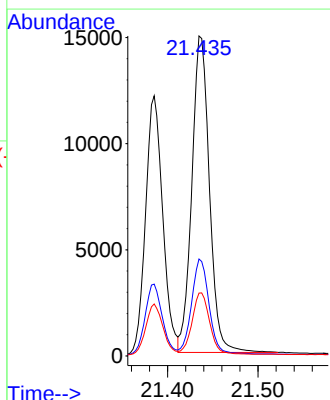
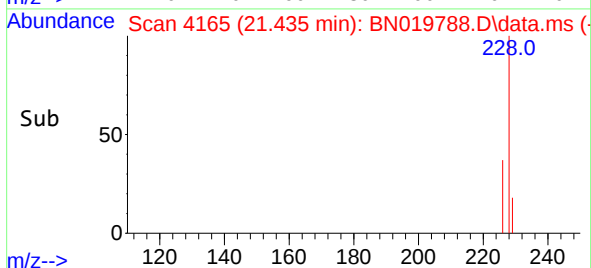
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

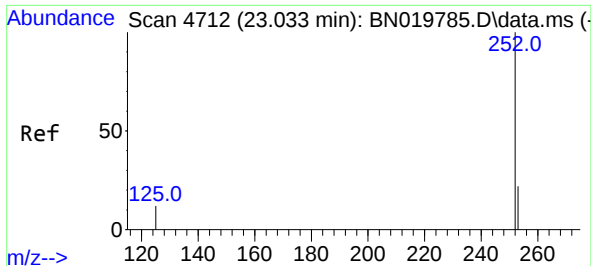


#22
Chrysene
Concen: 0.359 ng/u1
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43



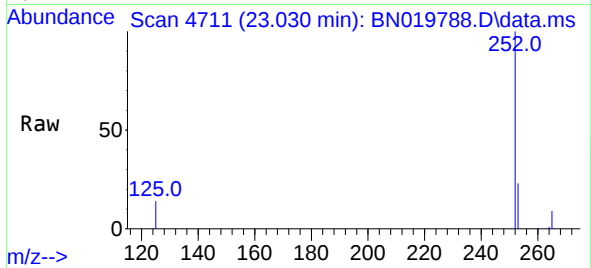
Tgt Ion:228 Resp: 20168
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.030 min Scan# 4712
Delta R.T. -0.003 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

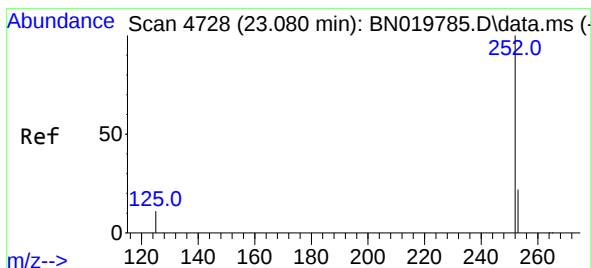
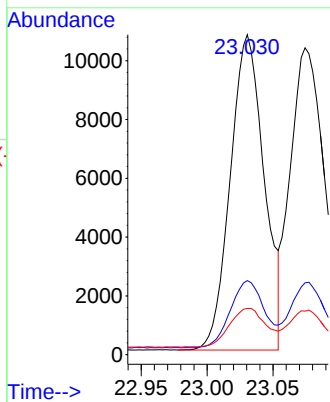
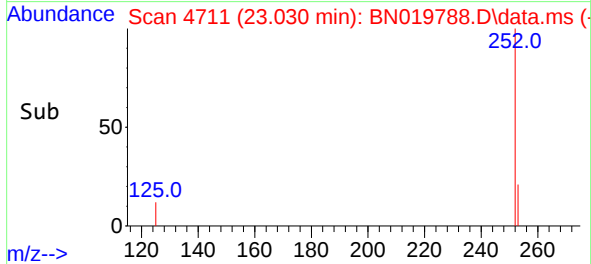
Instrument :
BNA_N
ClientSampleId :
SLCS658



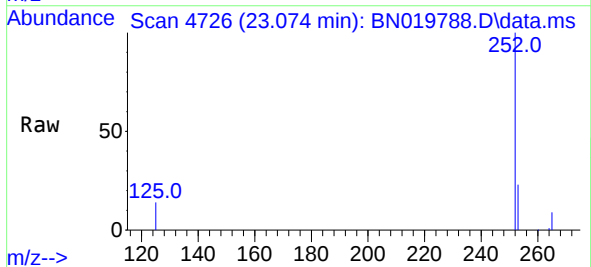
Tgt Ion:252 Resp: 19174
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.0
125 14.5 0.0 40.2

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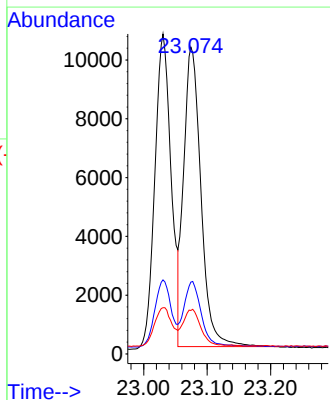
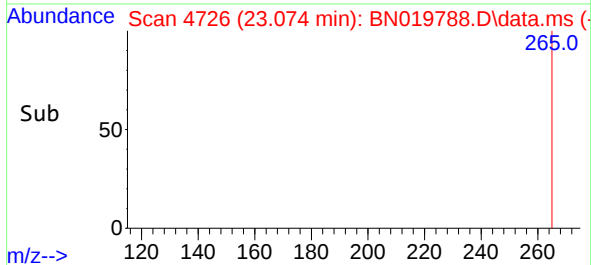
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

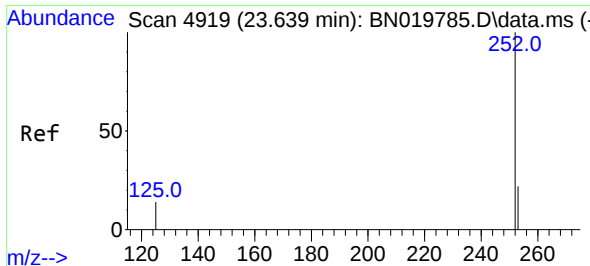


#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43



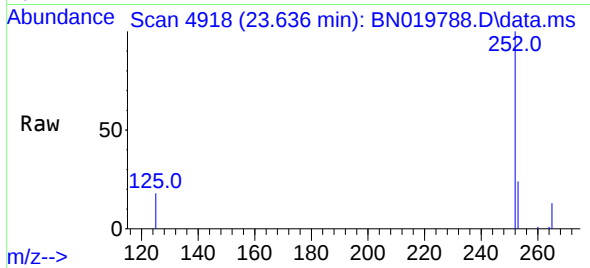
Tgt Ion:252 Resp: 19281
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.2
125 14.2 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.636 min Scan# 4919
Delta R.T. -0.003 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

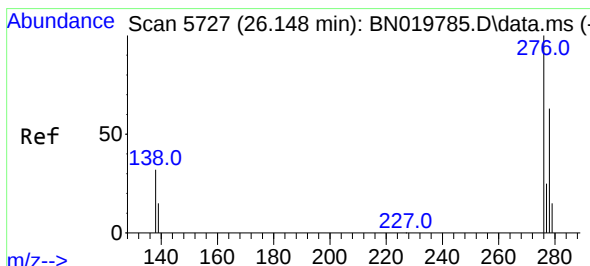
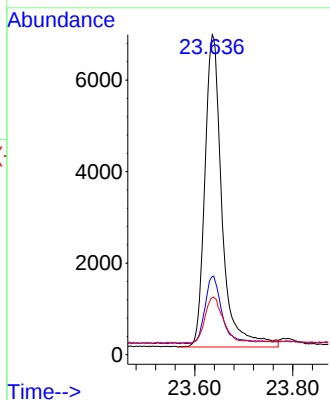
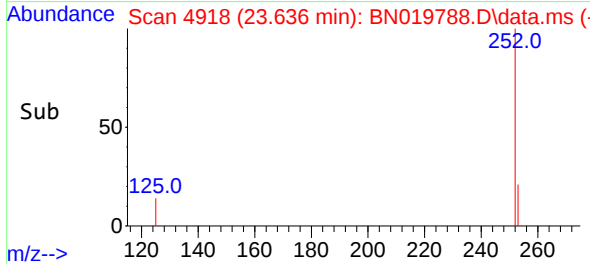
Instrument :
BNA_N
ClientSampleId :
SLCS658



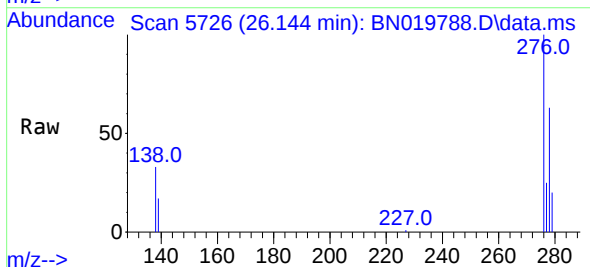
Tgt Ion:252 Resp: 1656
Ion Ratio Lower Upper
252 100
253 24.4 23.4 35.0
125 17.8 28.3 42.5

Manual Integrations
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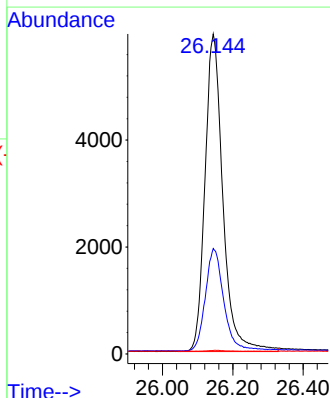
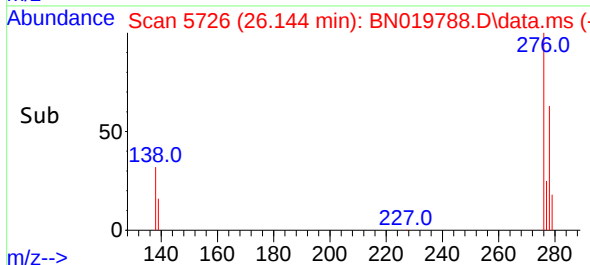
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

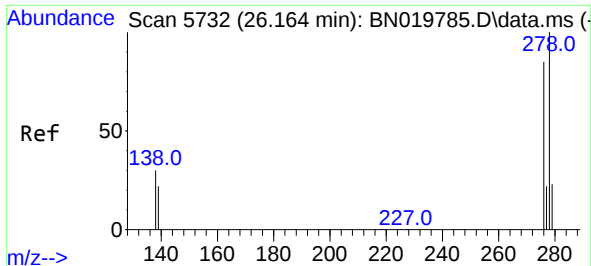


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.003 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43



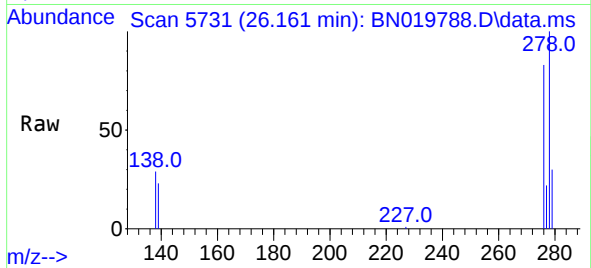
Tgt Ion:276 Resp: 20910
Ion Ratio Lower Upper
276 100
138 33.4 23.6 35.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.161 min Scan# 5732
Delta R.T. -0.003 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43

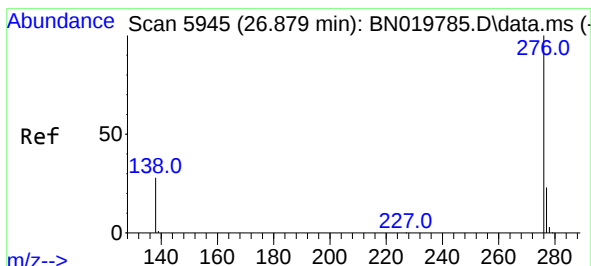
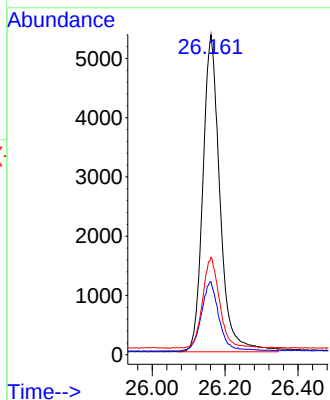
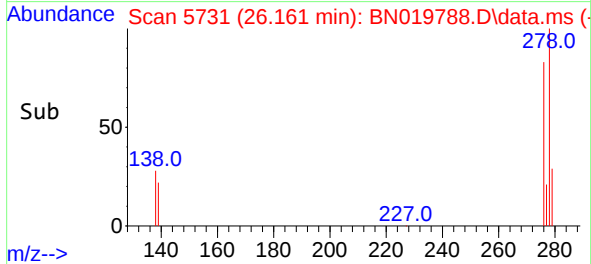
Instrument :
BNA_N
ClientSampleId :
SLCS658



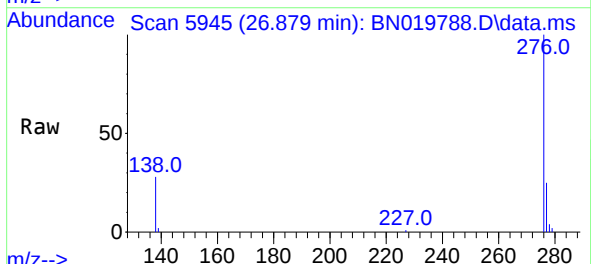
Tgt Ion:278 Resp: 1741
Ion Ratio Lower Upper
278 100
139 22.8 18.6 28.0
279 30.5 35.1 52.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.332 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.000 min
Lab File: BN019788.D
Acq: 16 May 2022 12:43



Tgt Ion:276 Resp: 17835
Ion Ratio Lower Upper
276 100
138 28.4 20.9 31.3
277 24.5 20.4 30.6

