

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
 Data File : BN019787.D
 Acq On : 16 May 2022 12:07
 Operator : CG/JU
 Sample : PB144621BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS621

Manual Integrations
 APPROVED

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

Quant Time: May 17 01:42:44 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	7.855	152	3161	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	10176	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	5825	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	12997	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	13347	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	11976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2331m	0.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	5228	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	12572	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	5799m	1.460	ng/ul	
5) Naphthalene	10.694	128	9736	0.296	ng/ul	99
7) 2-Methylnaphthalene	12.306	142	6213	0.310	ng/ul#	100
8) 1-Methylnaphthalene	12.525	142	6252	0.336	ng/ul#	100
10) Acenaphthylene	14.196	152	8380	0.291	ng/ul	99
11) Acenaphthene	14.539	153	6849	0.296	ng/ul	98
12) Fluorene	15.524	166	7797	0.307	ng/ul	99
14) Pentachlorophenol	16.867	266	1621	0.580	ng/ul	90
15) Phenanthrene	17.255	178	14212	0.297	ng/ul	99
16) Anthracene	17.348	178	11494	0.295	ng/ul	99
19) Fluoranthene	19.276	202	16381	0.268	ng/ul	99
20) Pyrene	19.634	202	16722	0.274	ng/ul	98
21) Benzo(a)anthracene	21.385	228	14722	0.295	ng/ul	100
22) Chrysene	21.438	228	18677	0.318	ng/ul	100
24) Benzo(b)fluoranthene	23.031	252	18460	0.304	ng/ul	93
25) Benzo(k)fluoranthene	23.077	252	18154	0.310	ng/ul	97
26) Benzo(a)pyrene	23.636	252	15743	0.304	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.148	276	20378	0.316	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.161	278	16914	0.313	ng/ul#	81
29) Benzo(g,h,i)perylene	26.875	276	17620	0.298	ng/ul	96

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

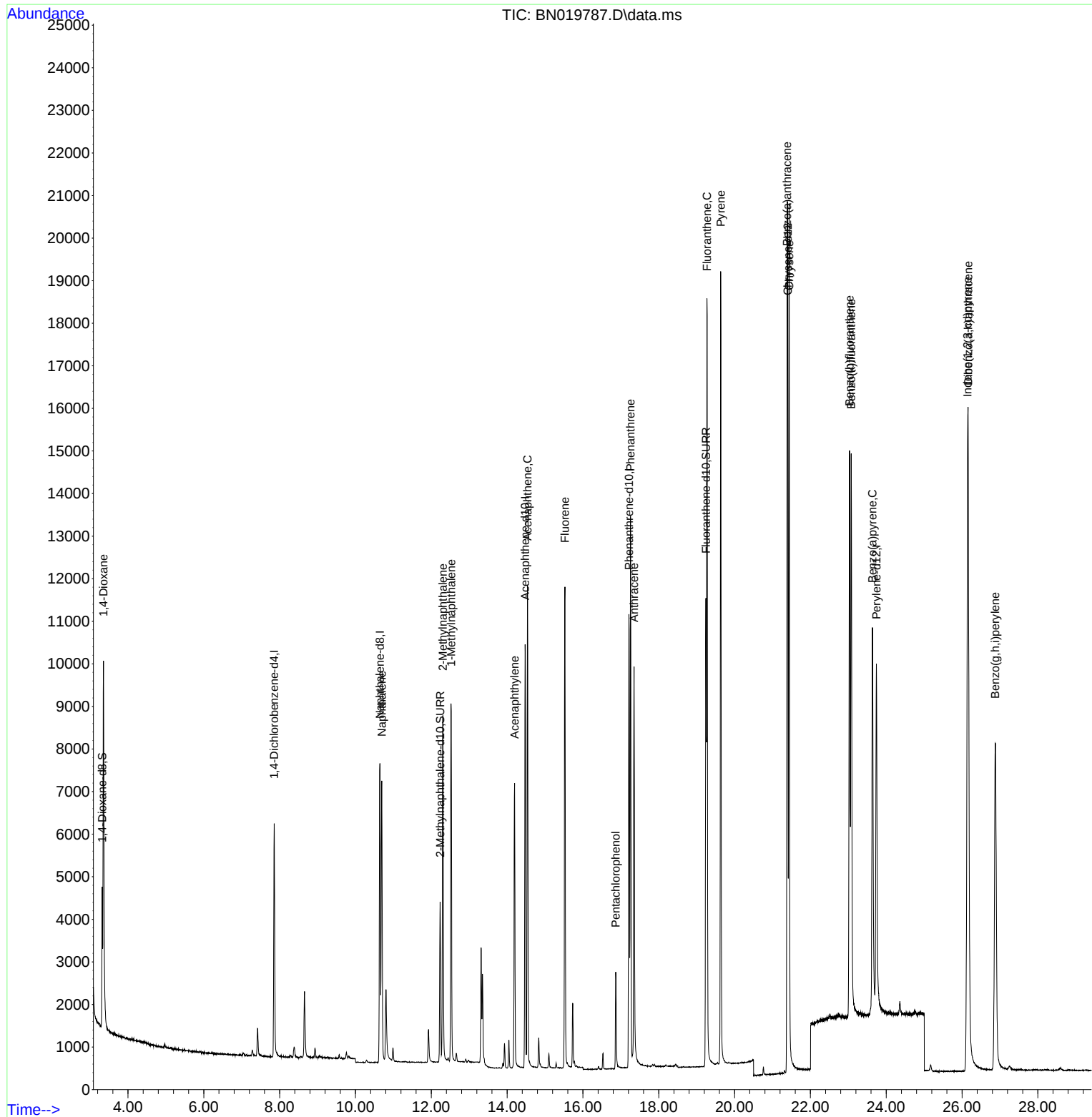
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
Data File : BN019787.D
Acq On : 16 May 2022 12:07
Operator : CG/JU
Sample : PB144621BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

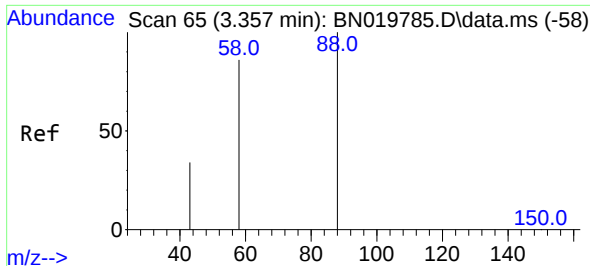
Instrument :
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ClientSampleId :
SLCS621

Manual Integrations
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Supervised By :mohammad ahmed 05/18/2022

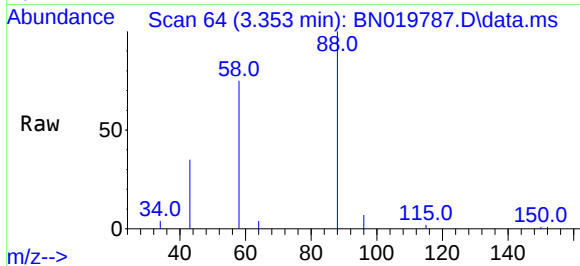
Quant Time: May 17 01:42:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.460 ng/ul m
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

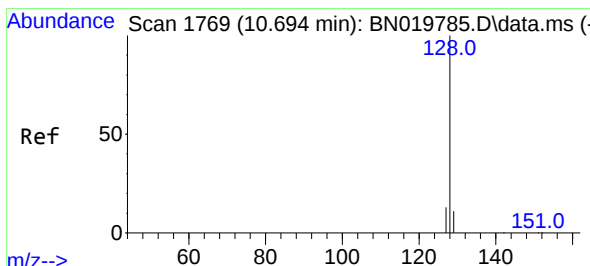
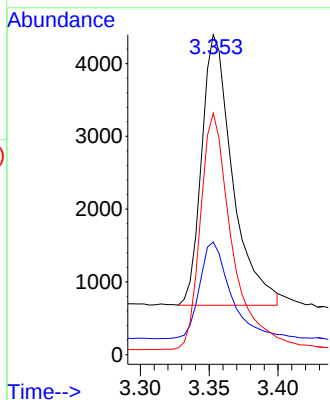
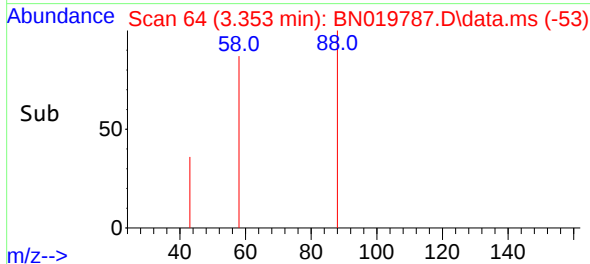
Instrument :
BNA_N
ClientSampleId :
SLCS621



Tgt Ion: 88 Resp: 5799
Ion Ratio Lower Upper
88 100
43 35.2 39.0 58.4
58 75.5 39.8 59.8

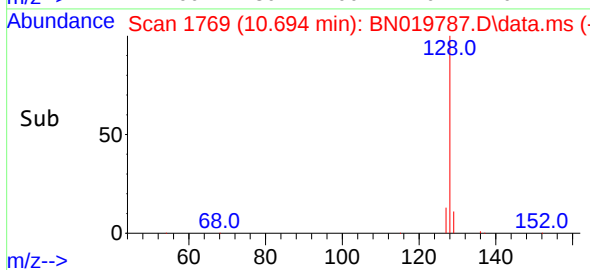
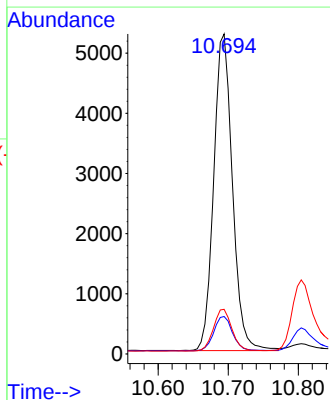
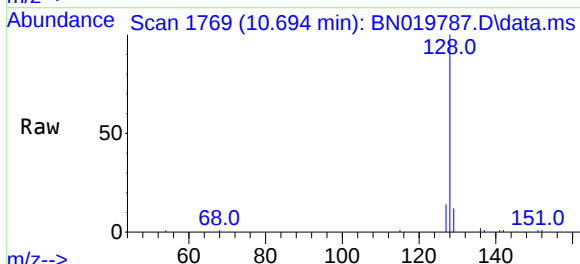
Manual Integrations
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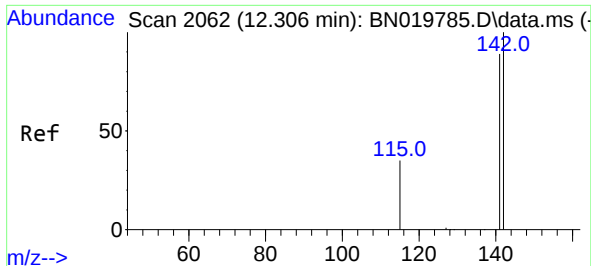
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

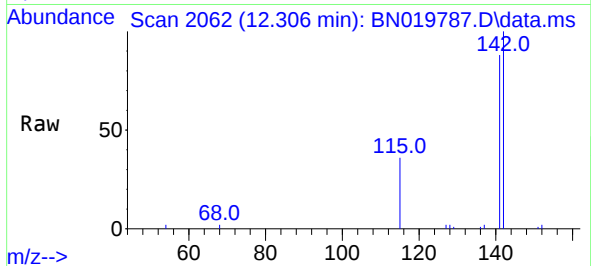
Tgt Ion:128 Resp: 9736
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.9 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

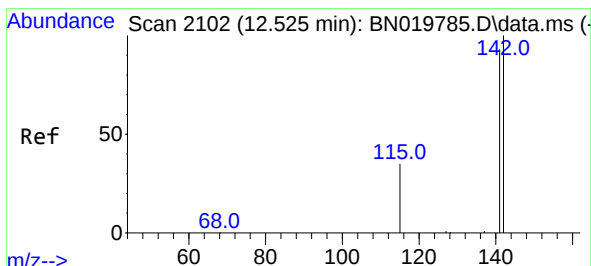
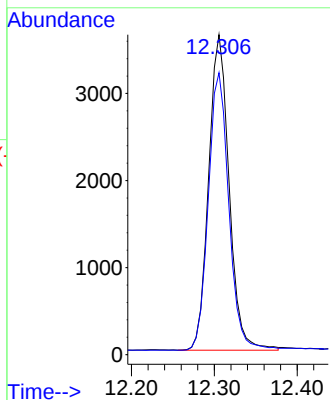
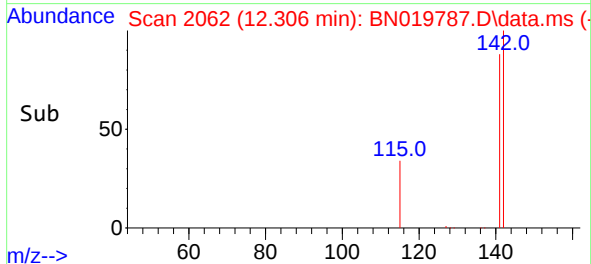
Instrument :
BNA_N
ClientSampleId :
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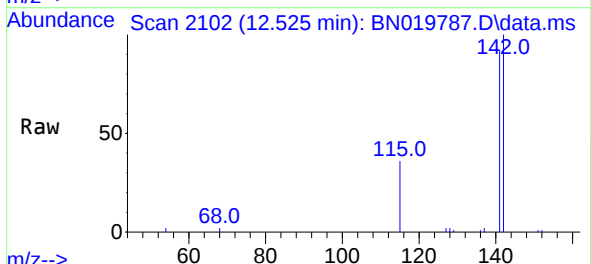
Tgt Ion:142 Resp: 6211
Ion Ratio Lower Upper
142 100
141 88.4 0.0 0.0

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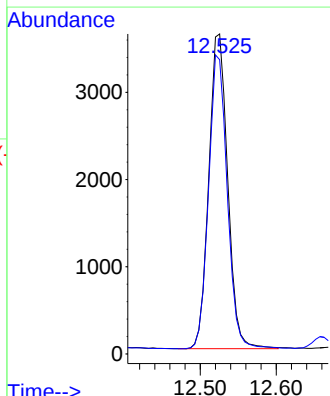
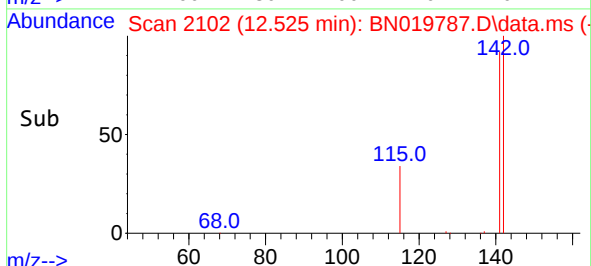
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

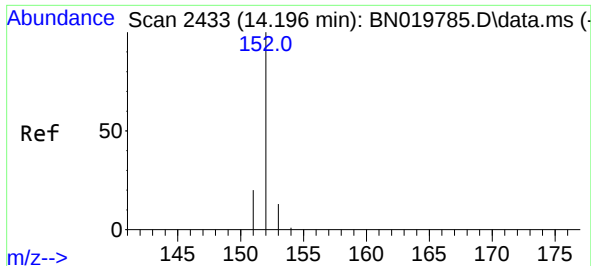


#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07



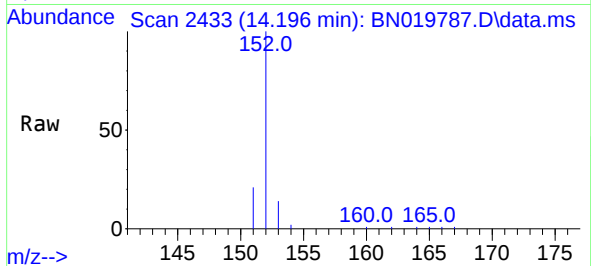
Tgt Ion:142 Resp: 6252
Ion Ratio Lower Upper
142 100
141 92.3 0.0 0.0





#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

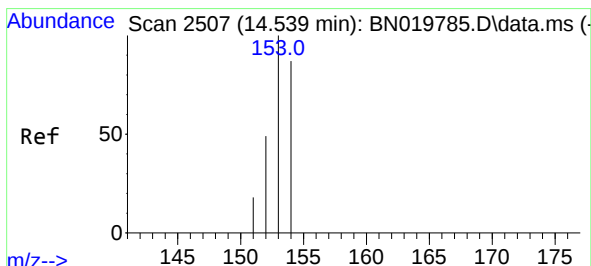
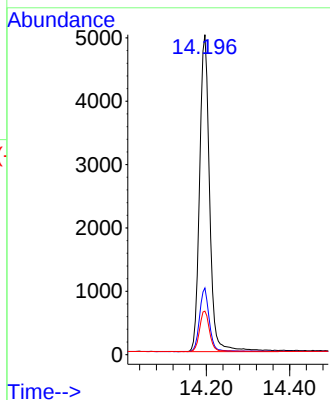
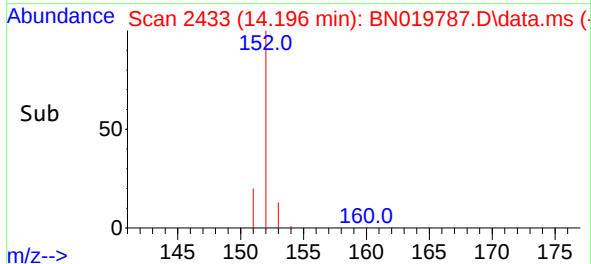
Instrument :
BNA_N
ClientSampleId :
SLCS621



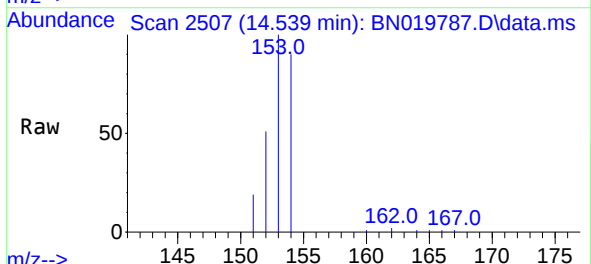
Tgt Ion:152 Resp: 8380
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.6 11.1 16.7

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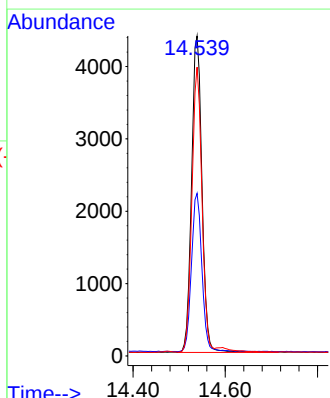
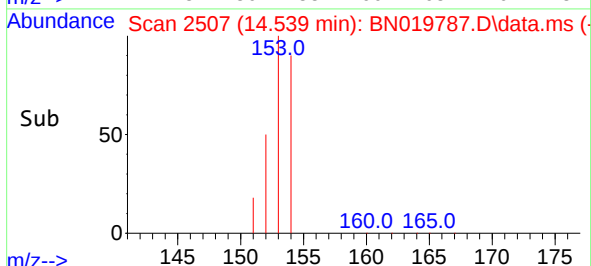
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

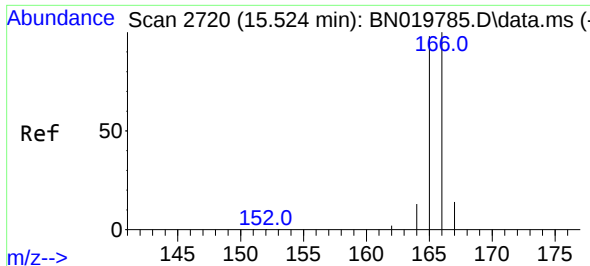


#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07



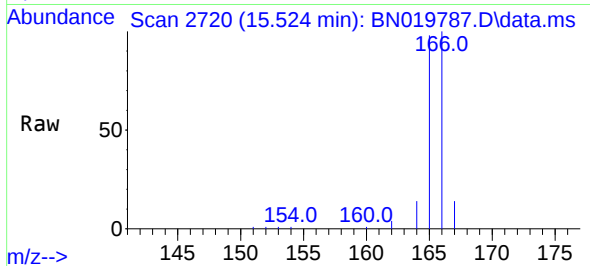
Tgt Ion:153 Resp: 6849
Ion Ratio Lower Upper
153 100
152 50.8 38.6 57.8
154 90.2 71.2 106.8





#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

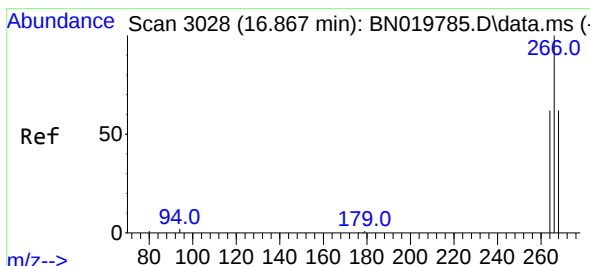
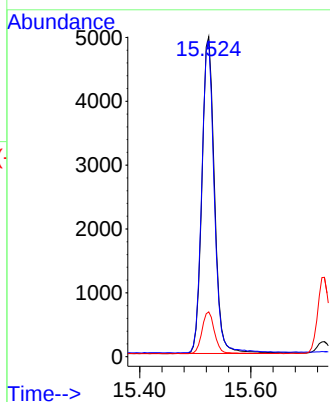
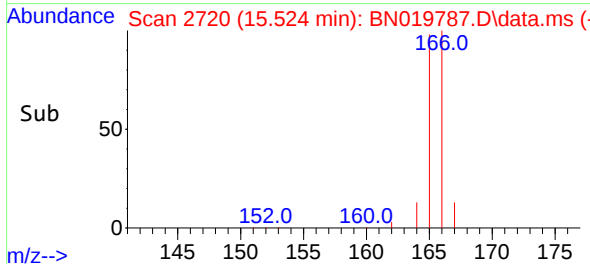
Instrument :
BNA_N
ClientSampleId :
SLCS621



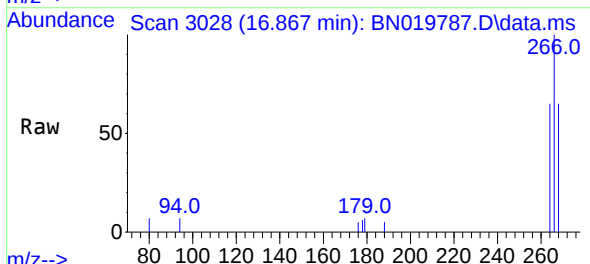
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	14.0	11.3	16.9

Manual Integrations
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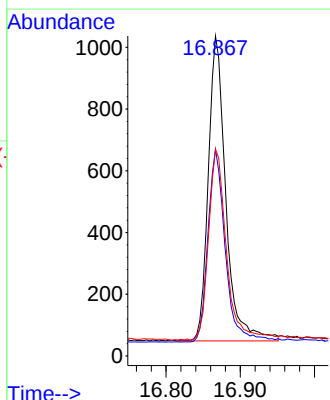
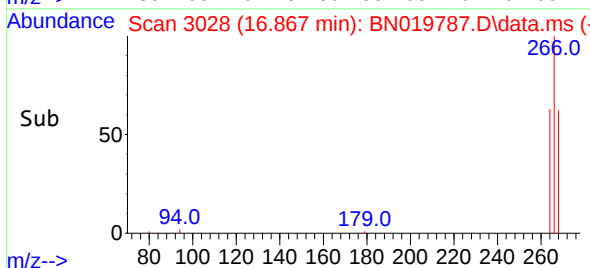
Reviewed By :Jagrut Upadhyay 05/17/2022
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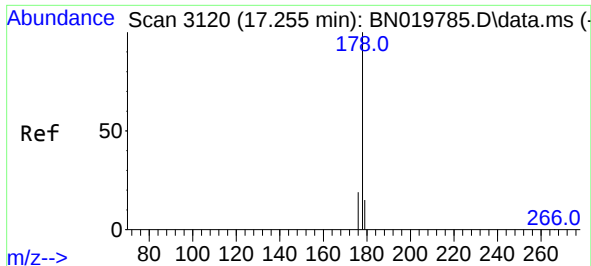


#14
Pentachlorophenol
Concen: 0.580 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07



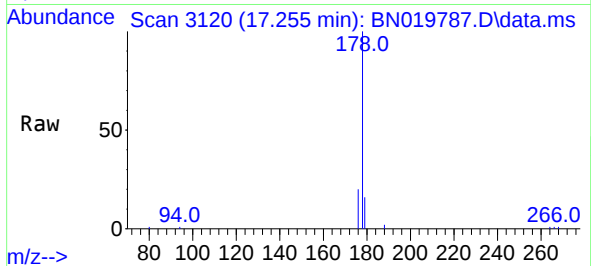
Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	44.9	67.3
268	64.1	44.6	67.0





#15
Phenanthrene
Concen: 0.297 ng/u1
RT: 17.255 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

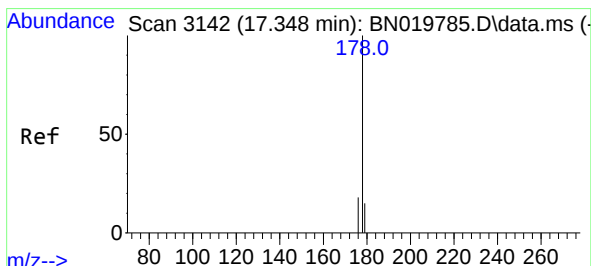
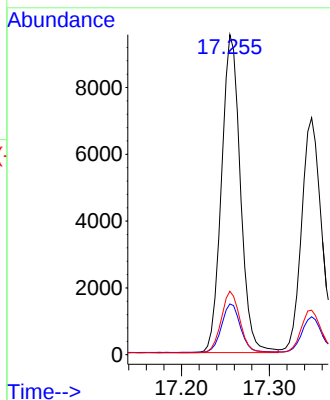
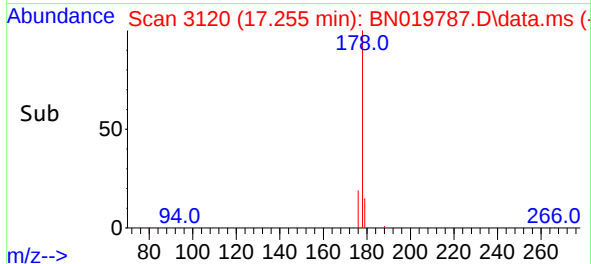
Instrument :
BNA_N
ClientSampleId :
SLCS621



Tgt Ion:178 Resp: 1421
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.8 15.5 23.3

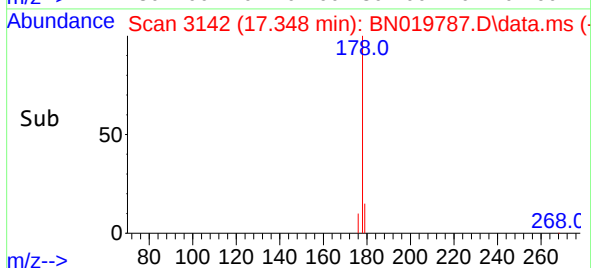
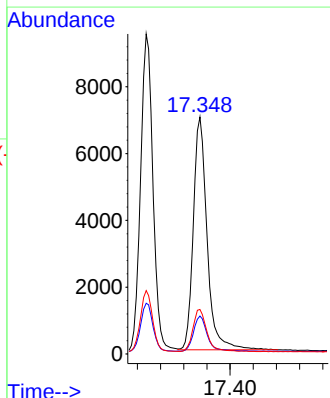
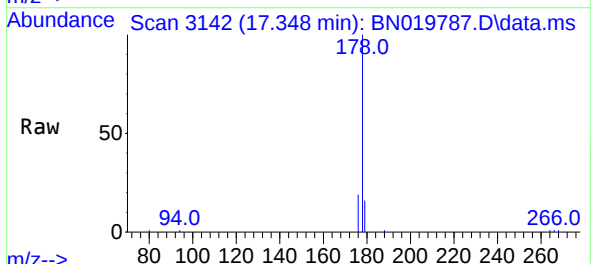
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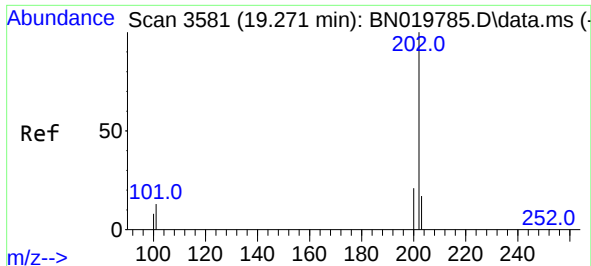
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#16
Anthracene
Concen: 0.295 ng/u1
RT: 17.348 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

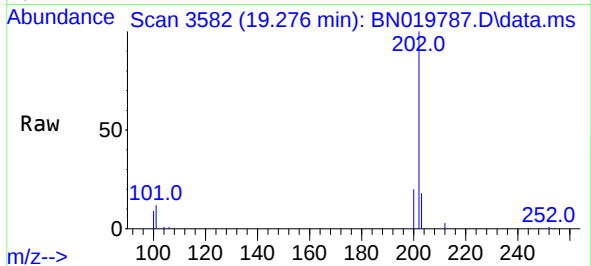
Tgt Ion:178 Resp: 11494
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 18.8 15.3 22.9





#19
Fluoranthene
Concen: 0.268 ng/u1
RT: 19.276 min Scan# 3581
Delta R.T. 0.005 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

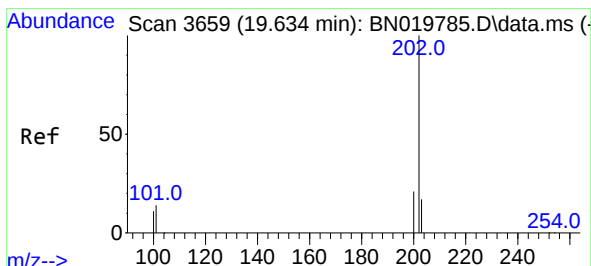
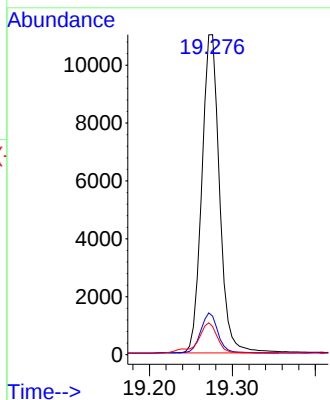
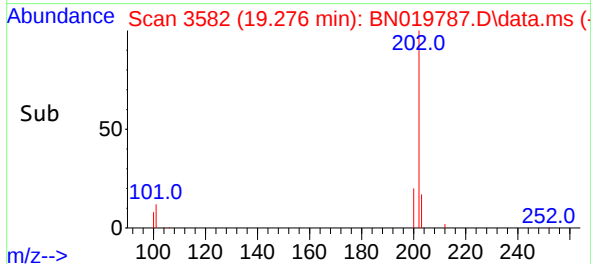
Instrument :
BNA_N
ClientSampleId :
SLCS621



Tgt Ion:202 Resp: 1638
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 8.8 7.4 11.2

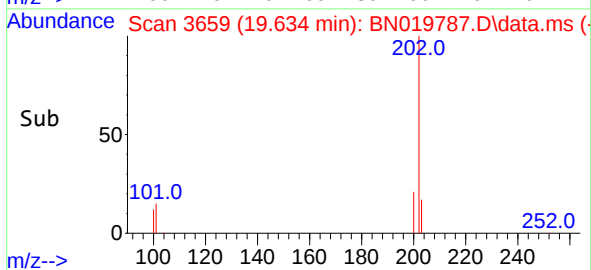
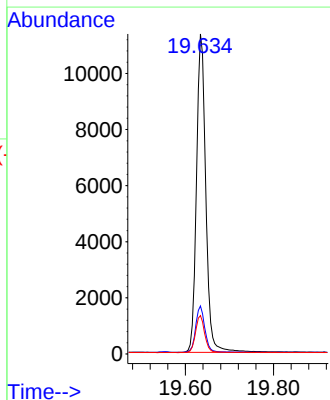
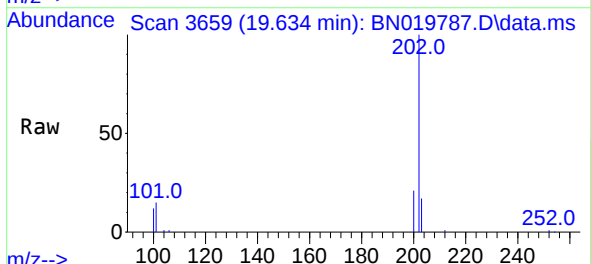
Manual Integrations
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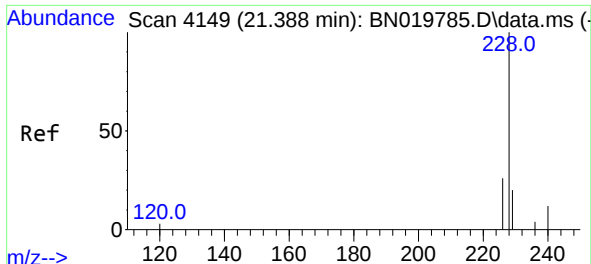
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#20
Pyrene
Concen: 0.274 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

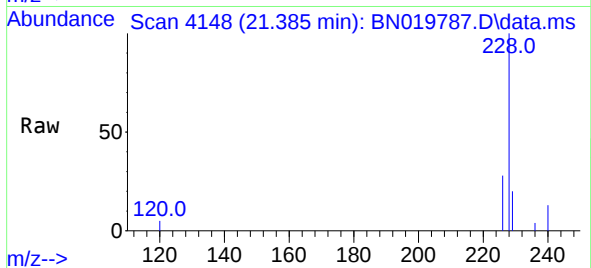
Tgt Ion:202 Resp: 16722
Ion Ratio Lower Upper
202 100
101 15.0 11.4 17.0
100 12.0 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.295 ng/ul
RT: 21.385 min Scan# 4149
Delta R.T. -0.003 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

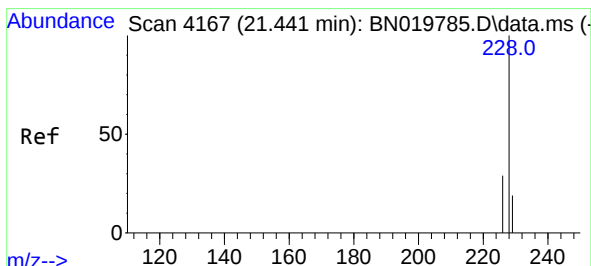
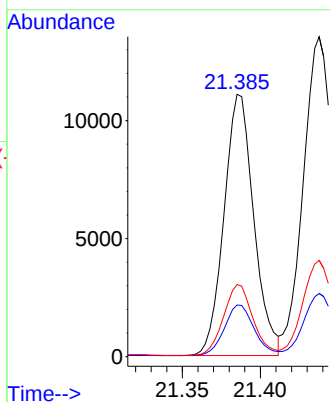
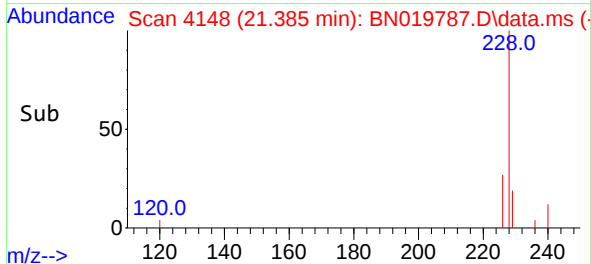
Instrument :
BNA_N
ClientSampleId :
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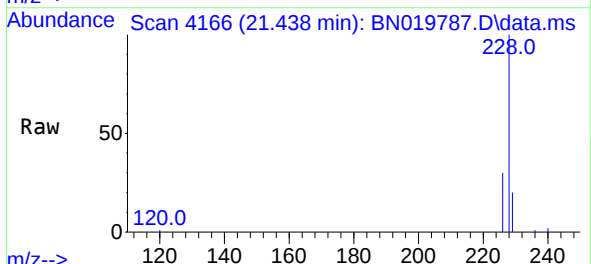
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Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.5 22.1 33.1

Manual Integrations
APPROVED

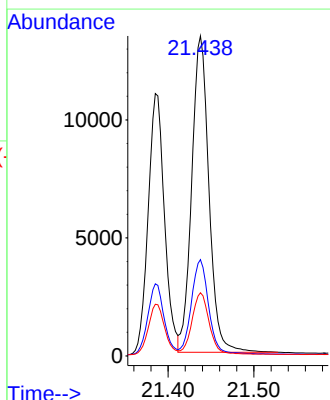
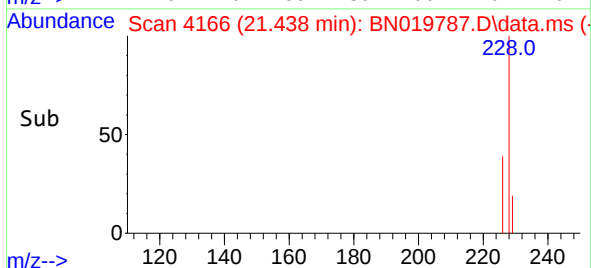
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

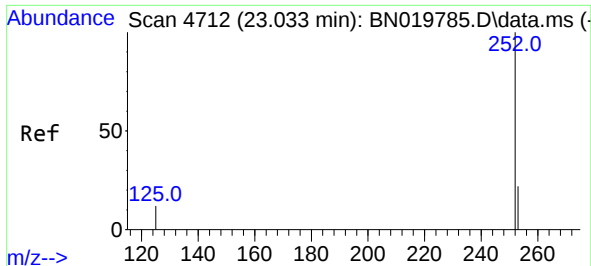


#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07



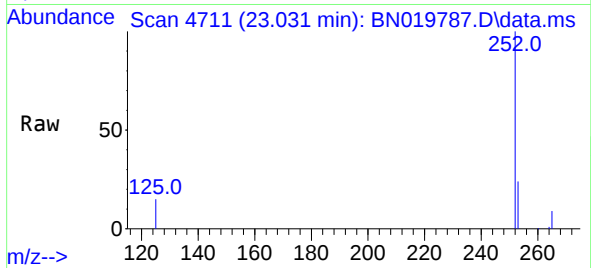
Tgt Ion:228 Resp: 18677
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.031 min Scan# 4712
Delta R.T. -0.003 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

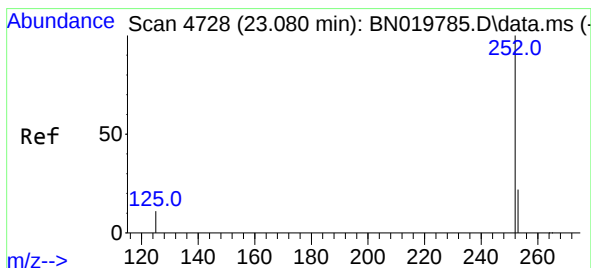
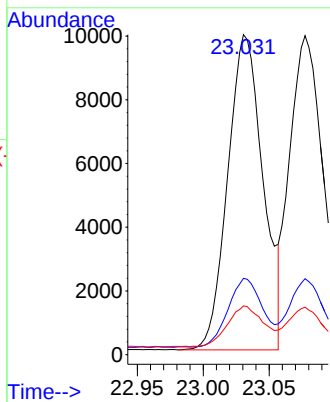
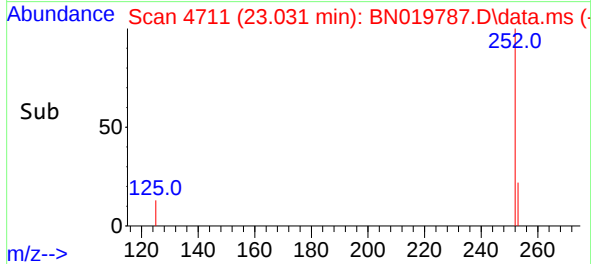
Instrument :
BNA_N
ClientSampleId :
SLCS621



Tgt Ion:252 Resp: 18460
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.0
125 15.2 0.0 40.2

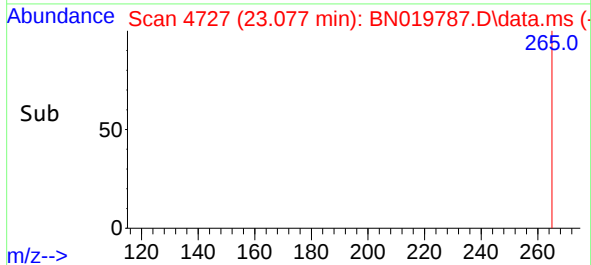
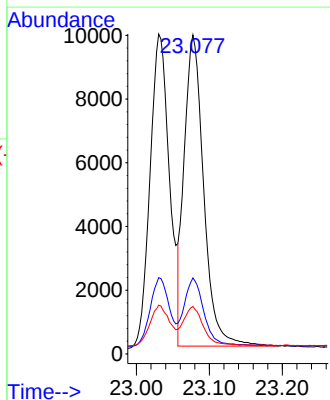
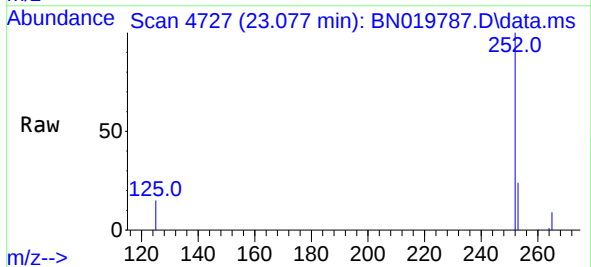
Manual Integrations
APPROVED

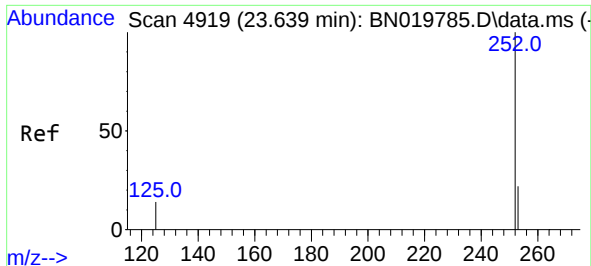
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

Tgt Ion:252 Resp: 18154
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.2
125 14.9 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.636 min Scan# 4919
Delta R.T. -0.003 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

Instrument :

BNA_N

ClientSampleId :

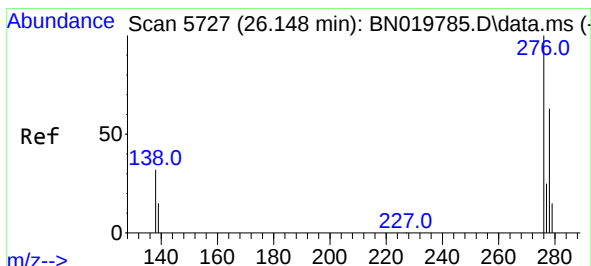
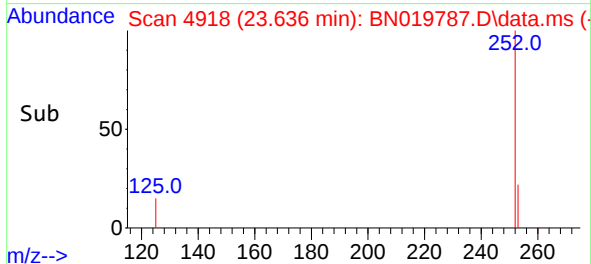
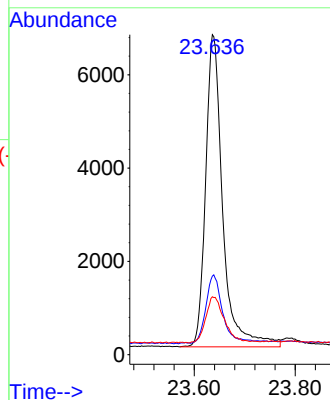
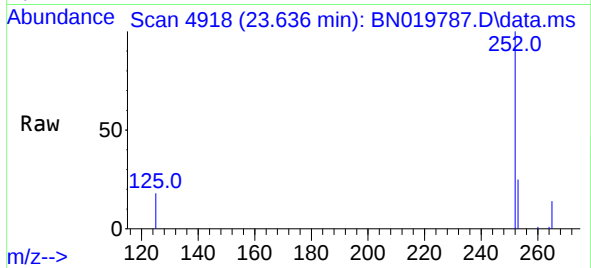
SLCS621

Tgt Ion:252 Resp: 1574
Ion Ratio Lower Upper
252 100
253 24.5 23.4 35.0
125 18.1 28.3 42.5

Manual Integrations

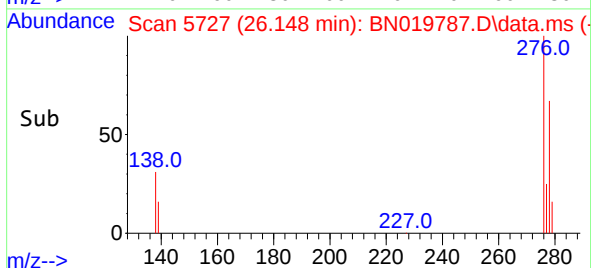
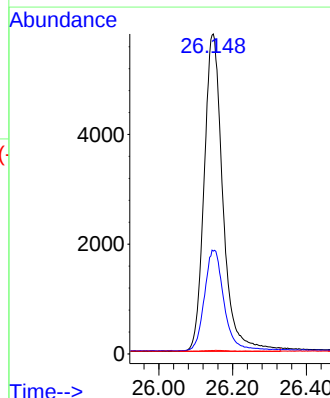
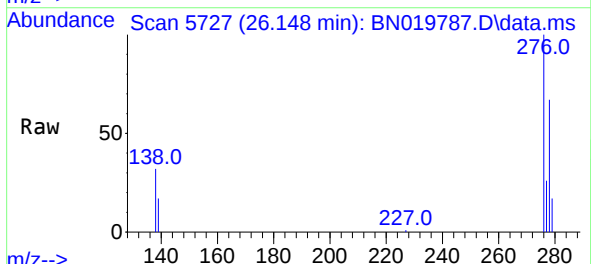
APPROVED

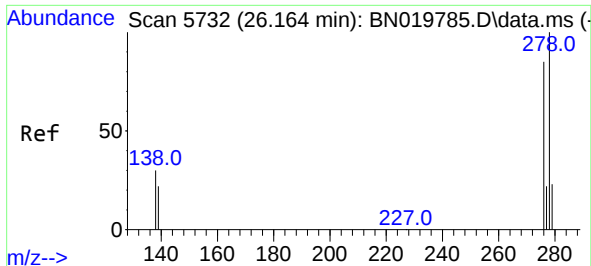
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 26.148 min Scan# 5727
Delta R.T. 0.000 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

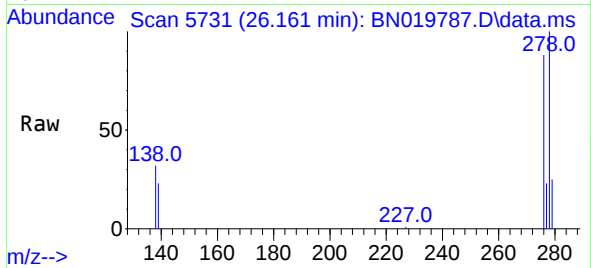
Tgt Ion:276 Resp: 20378
Ion Ratio Lower Upper
276 100
138 33.4 23.6 35.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.313 ng/ul
RT: 26.161 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07

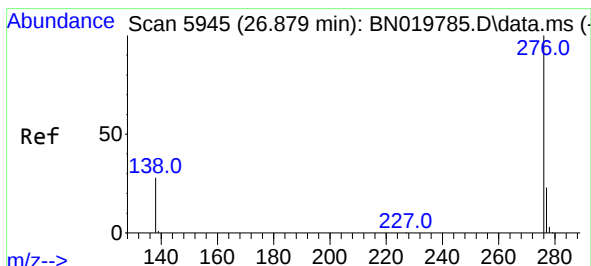
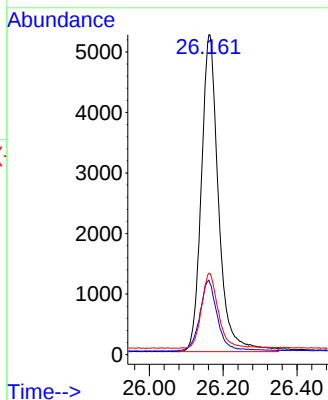
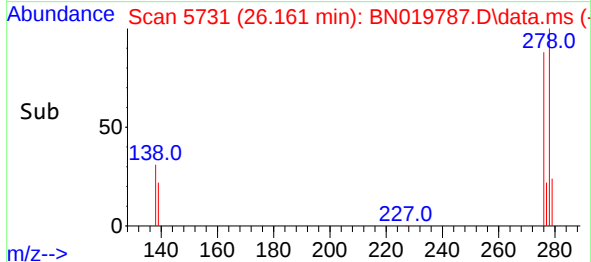
Instrument :
BNA_N
ClientSampleId :
SLCS621



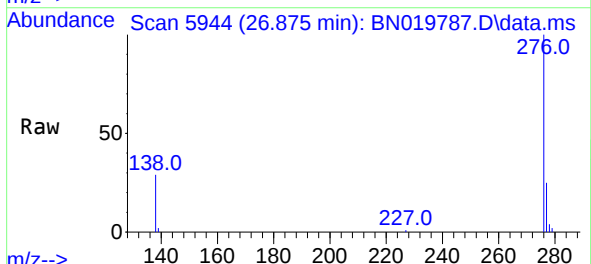
Tgt Ion:278 Resp: 16914
Ion Ratio Lower Upper
278 100
139 23.3 18.6 28.0
279 25.4 35.1 52.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 26.875 min Scan# 5944
Delta R.T. -0.003 min
Lab File: BN019787.D
Acq: 16 May 2022 12:07



Tgt Ion:276 Resp: 17620
Ion Ratio Lower Upper
276 100
138 29.2 20.9 31.3
277 24.6 20.4 30.6

