

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
 Data File : BN019811.D
 Acq On : 17 May 2022 03:15
 Operator : CG/JU
 Sample : PB144801BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS801

Manual Integrations
 APPROVED

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

Quant Time: May 17 04:11:16 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	4045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.643	136	13548	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.473	164	8483	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	18447	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	18403	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	17193	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2847m	0.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	7262	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	17402	0.299	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	7700m	1.515	ng/ul	
5) Naphthalene	10.693	128	13056	0.298	ng/ul	99
7) 2-Methylnaphthalene	12.304	142	8720	0.326	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	8767	0.354	ng/ul#	100
10) Acenaphthylene	14.195	152	12760	0.304	ng/ul	100
11) Acenaphthene	14.538	153	9814	0.291	ng/ul	100
12) Fluorene	15.523	166	11351	0.307	ng/ul	100
14) Pentachlorophenol	16.870	266	1401	0.353	ng/ul	90
15) Phenanthrene	17.254	178	19841	0.292	ng/ul	99
16) Anthracene	17.347	178	17009	0.307	ng/ul	99
19) Fluoranthene	19.270	202	23000	0.273	ng/ul	99
20) Pyrene	19.632	202	23582	0.280	ng/ul	99
21) Benzo(a)anthracene	21.385	228	21828	0.317	ng/ul	99
22) Chrysene	21.435	228	23608	0.291	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	23748	0.272	ng/ul	92
25) Benzo(k)fluoranthene	23.074	252	24090	0.287	ng/ul	98
26) Benzo(a)pyrene	23.636	252	22362	0.301	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.141	276	25237	0.272	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.161	278	20812	0.269	ng/ul#	83
29) Benzo(g,h,i)perylene	26.875	276	20752	0.245	ng/ul	96

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

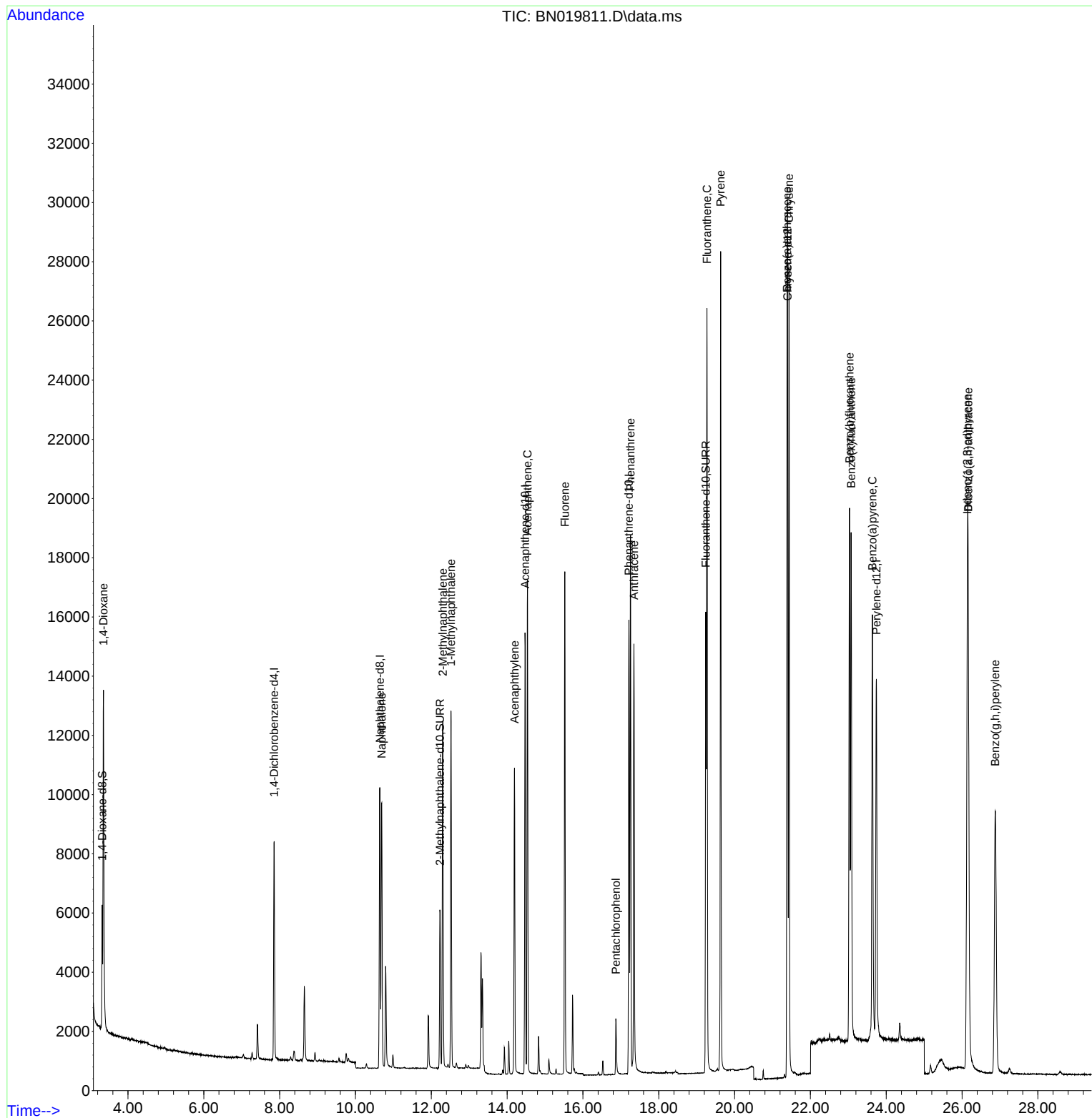
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
Data File : BN019811.D
Acq On : 17 May 2022 03:15
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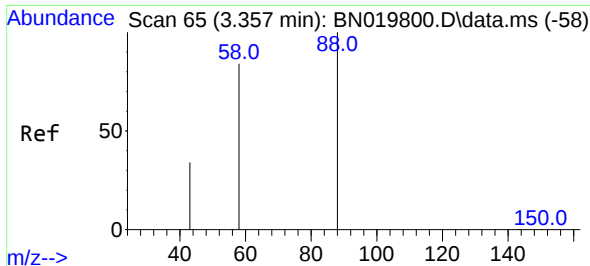
Instrument :
BNA_N
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SLCS801

Quant Time: May 17 04:11:16 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
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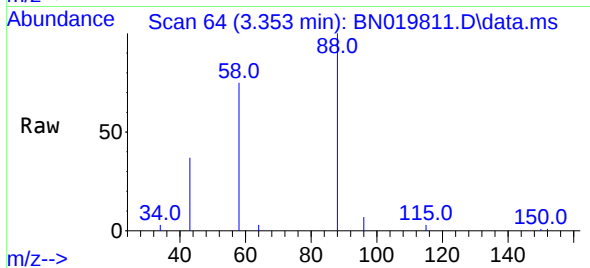
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022





#2
1,4-Dioxane
Concen: 1.515 ng/ul m
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

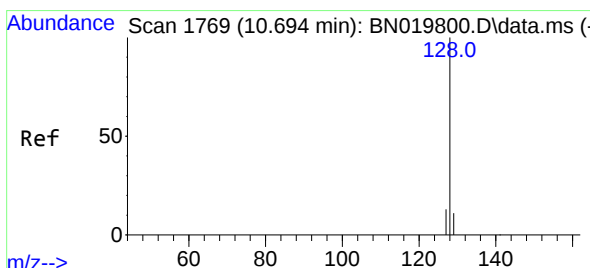
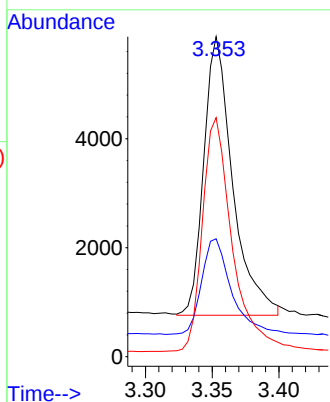
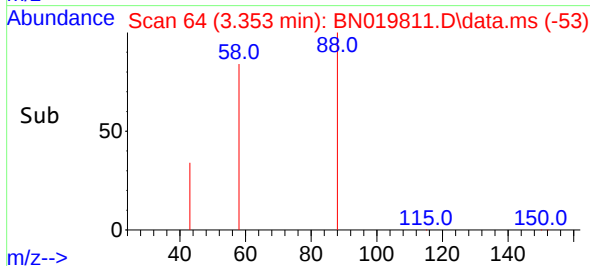
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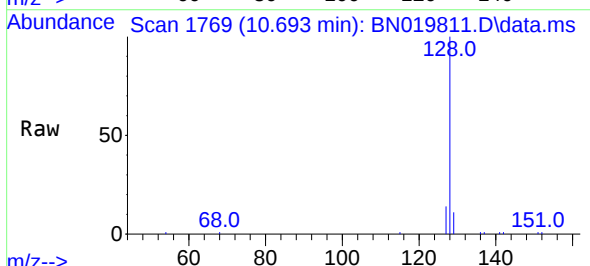
Tgt Ion: 88 Resp: 7700
Ion Ratio Lower Upper
88 100
43 36.9 39.0 58.4
58 74.7 39.8 59.8

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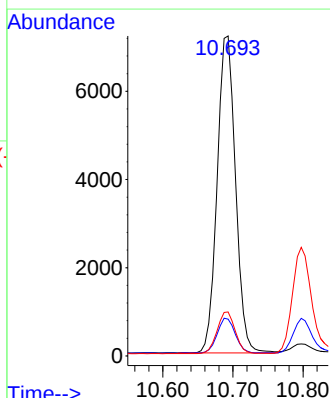
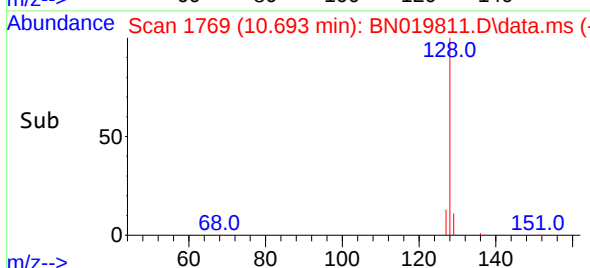
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

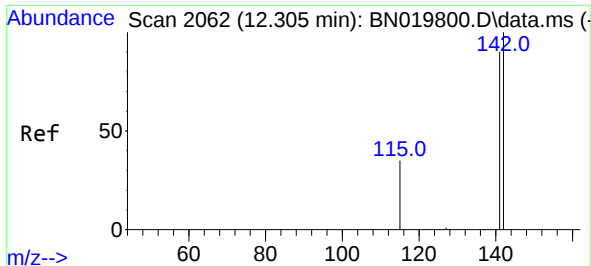


#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.693 min Scan# 1769
Delta R.T. -0.001 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15



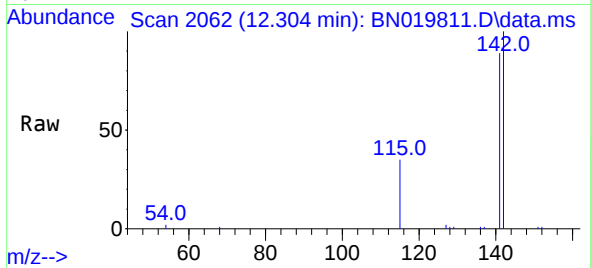
Tgt Ion:128 Resp: 13056
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.304 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

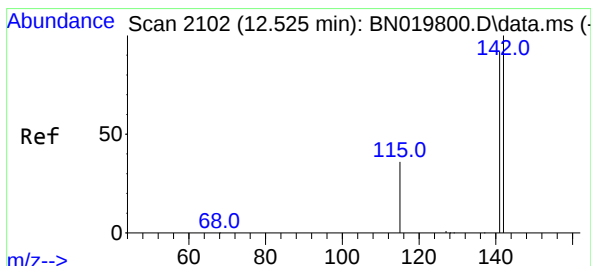
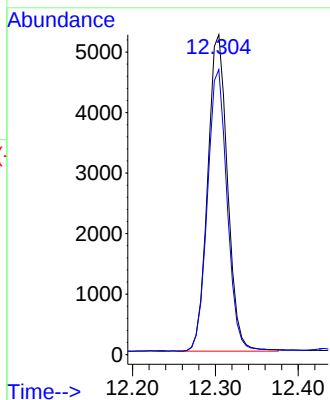
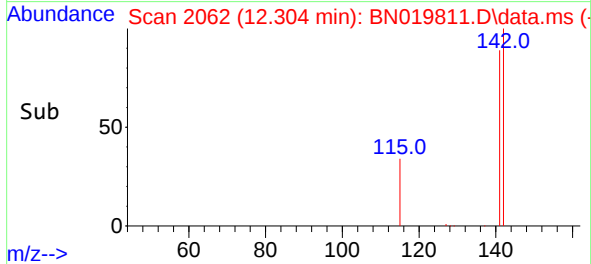
Instrument :
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ClientSampleId :
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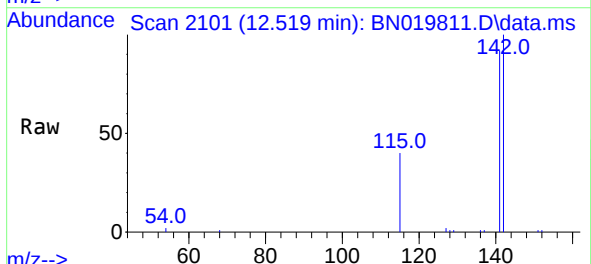
Tgt Ion:142 Resp: 8720
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0

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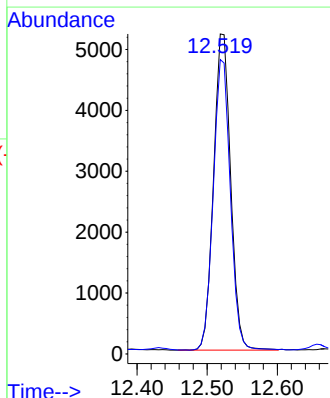
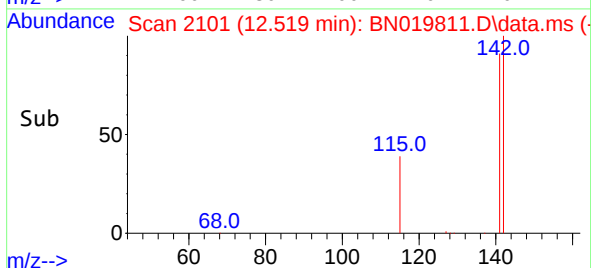
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

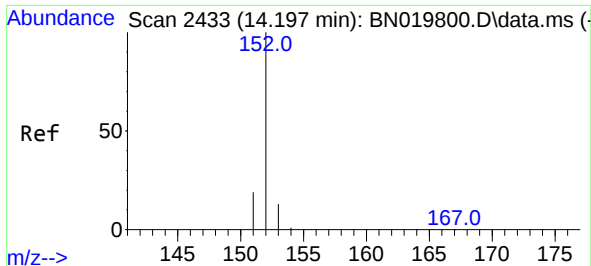


#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15



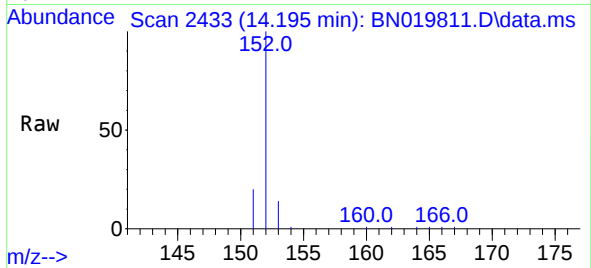
Tgt Ion:142 Resp: 8767
Ion Ratio Lower Upper
142 100
141 92.0 0.0 0.0





#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.195 min Scan# 2433
Delta R.T. -0.001 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

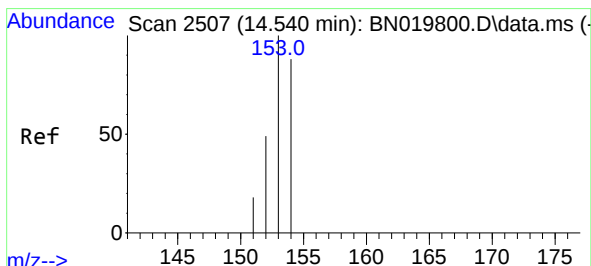
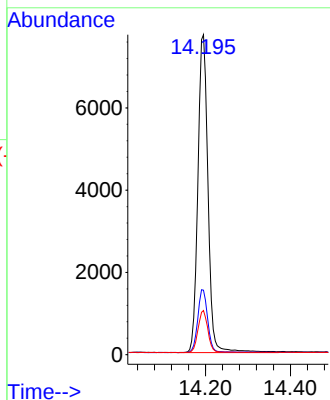
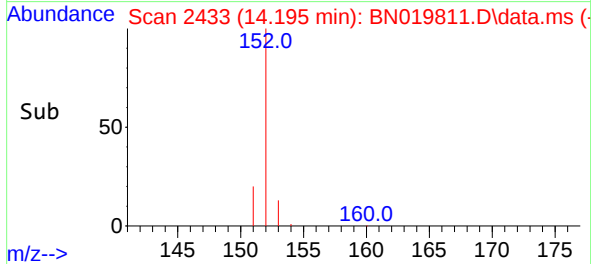
Instrument :
BNA_N
ClientSampleId :
SLCS801



Tgt Ion:152 Resp: 12760
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.8 11.1 16.7

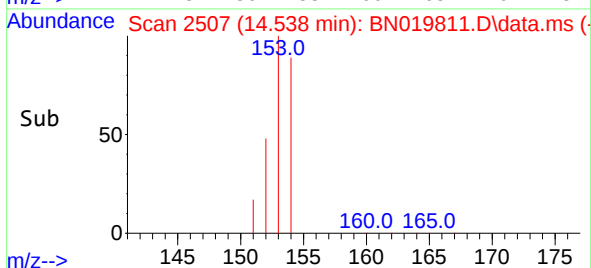
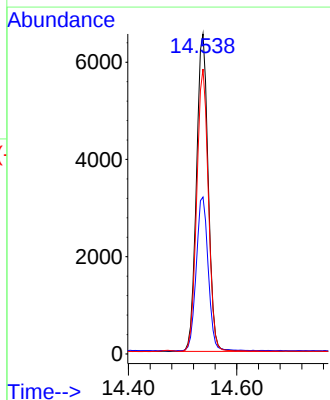
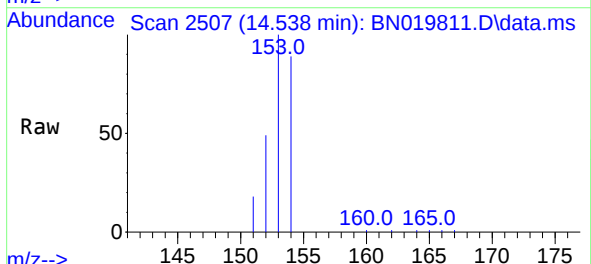
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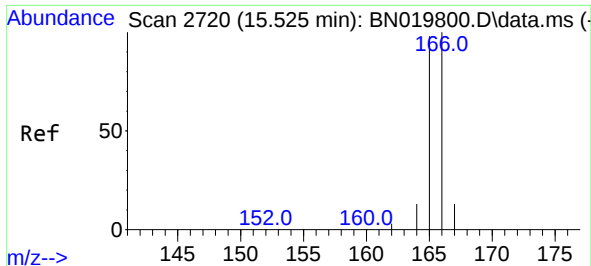
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#11
Acenaphthene
Concen: 0.291 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. -0.001 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

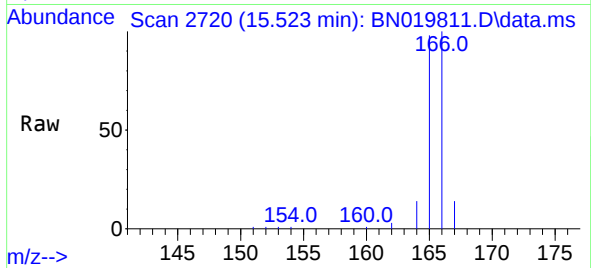
Tgt Ion:153 Resp: 9814
Ion Ratio Lower Upper
153 100
152 49.1 38.6 57.8
154 89.0 71.2 106.8





#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.523 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

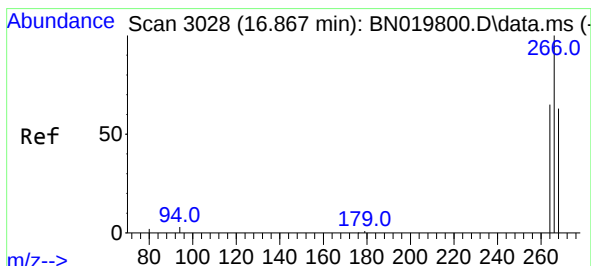
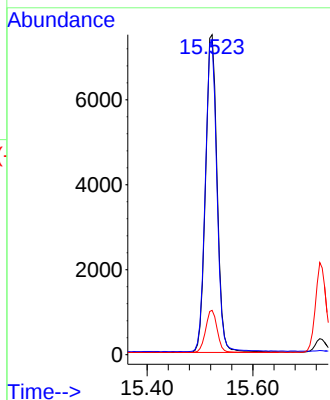
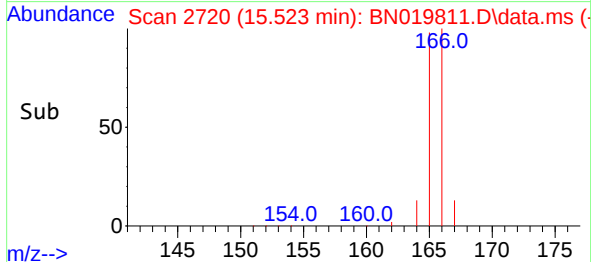
Instrument :
BNA_N
ClientSampleId :
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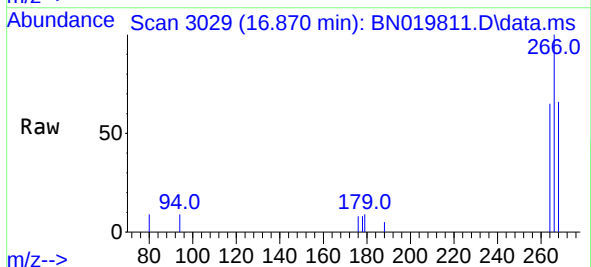
Tgt Ion:166	Resp:	1135	
Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.2
167	13.8	11.3	16.9

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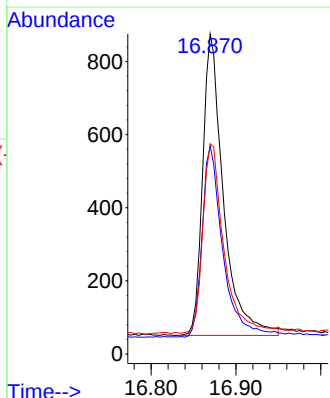
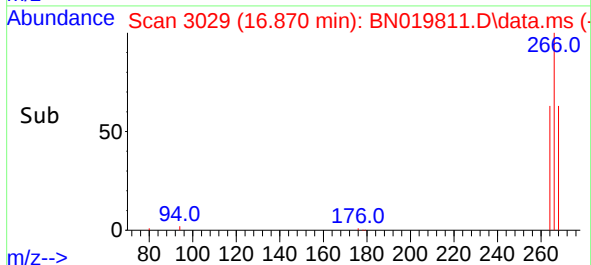
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Supervised By :mohammad ahmed 05/18/2022

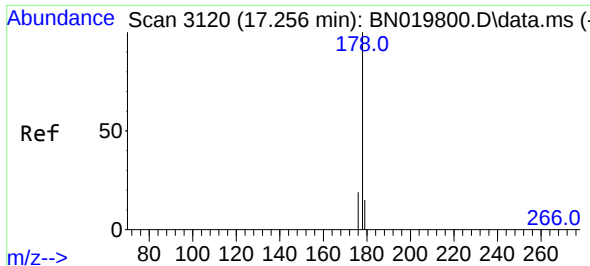


#14
Pentachlorophenol
Concen: 0.353 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. 0.003 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15



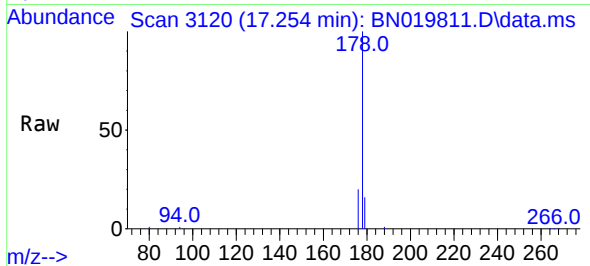
Tgt Ion:266	Resp:	1401	
Ion	Ratio	Lower	Upper
266	100		
264	63.1	44.9	67.3
268	63.7	44.6	67.0





#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.001 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

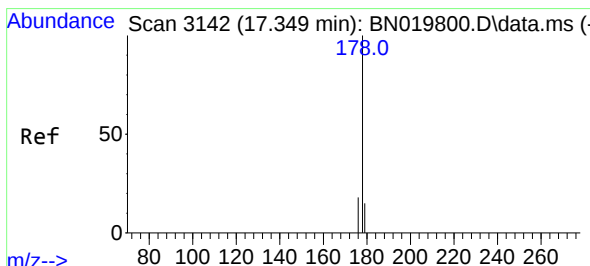
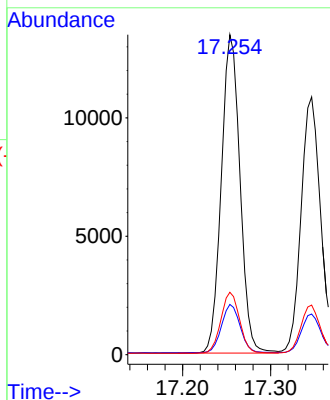
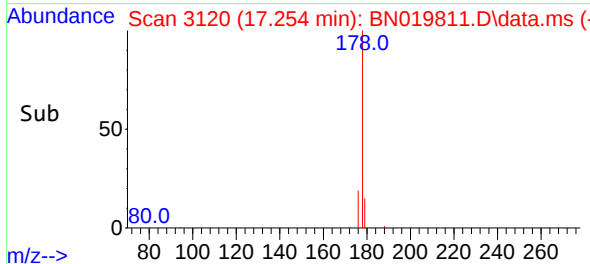
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SLCS801



Tgt Ion:178 Resp: 1984
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.5 15.5 23.3

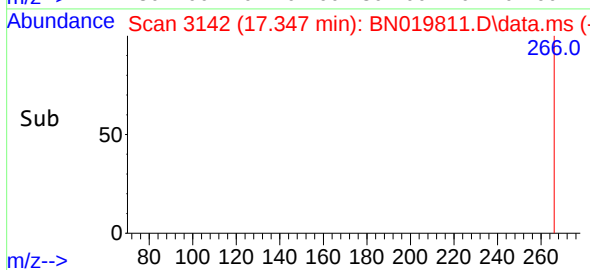
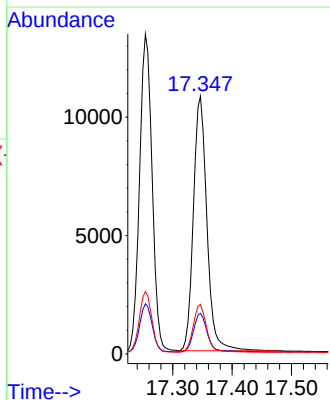
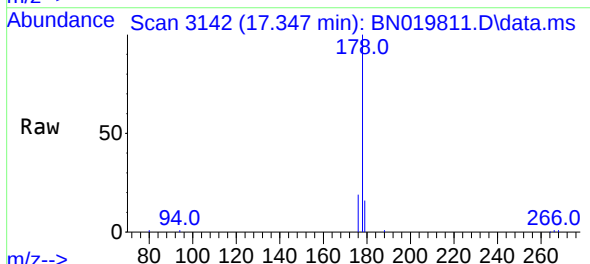
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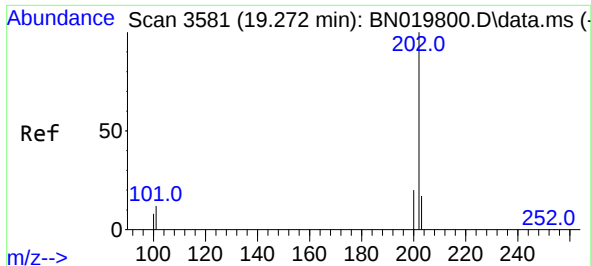
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#16
Anthracene
Concen: 0.307 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

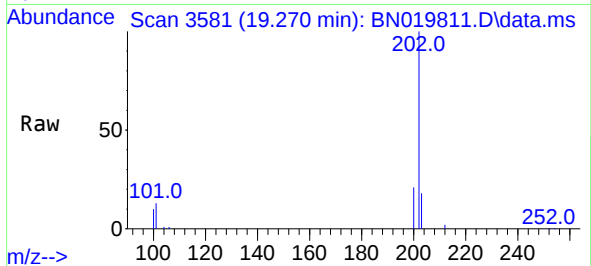
Tgt Ion:178 Resp: 17009
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.3 15.3 22.9





#19
Fluoranthene
Concen: 0.273 ng/u1
RT: 19.270 min Scan# 3581
Delta R.T. -0.002 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

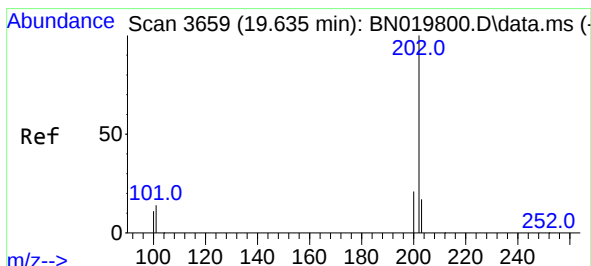
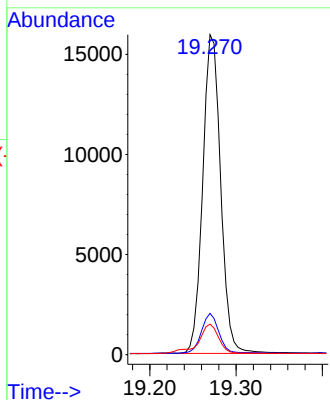
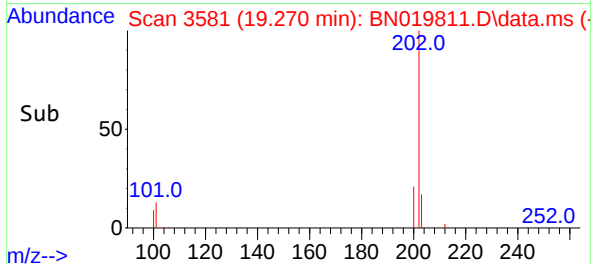
Instrument :
BNA_N
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SLCS801



Tgt Ion:202 Resp: 23000
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.6 7.4 11.2

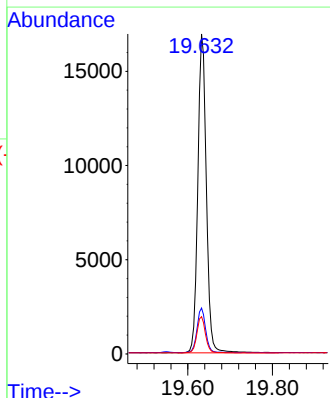
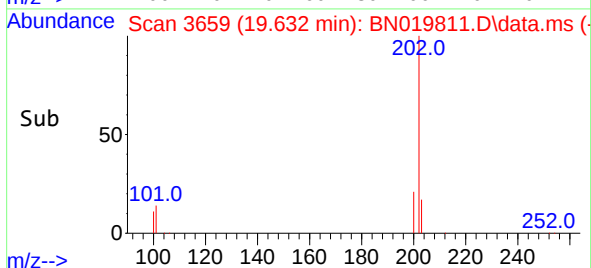
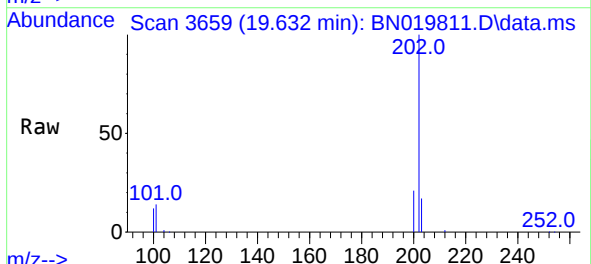
Manual Integrations
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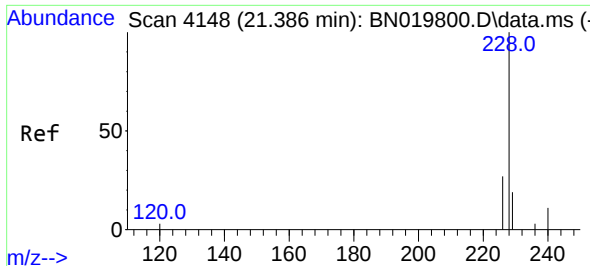
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#20
Pyrene
Concen: 0.280 ng/u1
RT: 19.632 min Scan# 3659
Delta R.T. -0.002 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

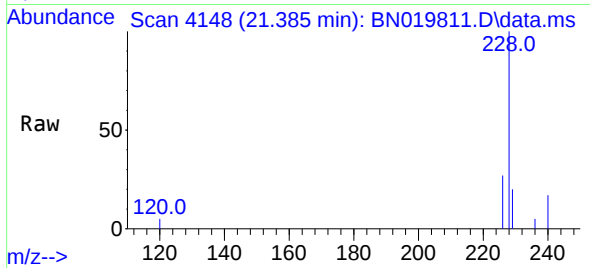
Tgt Ion:202 Resp: 23582
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.6 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

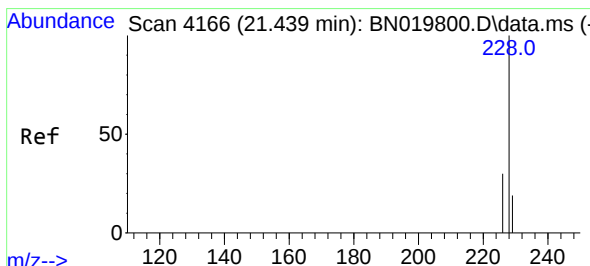
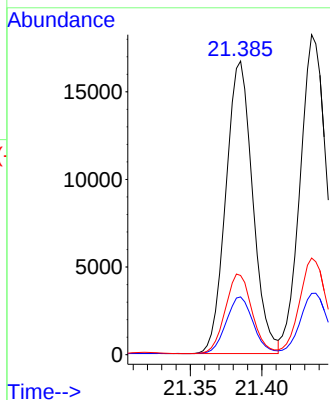
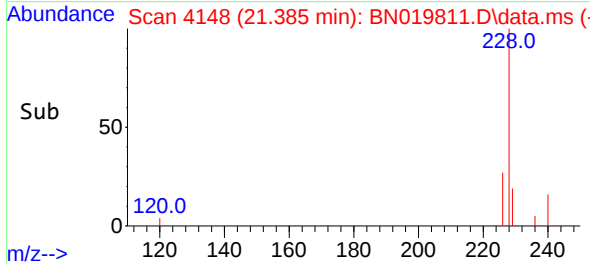
Instrument :
BNA_N
ClientSampleId :
SLCS801



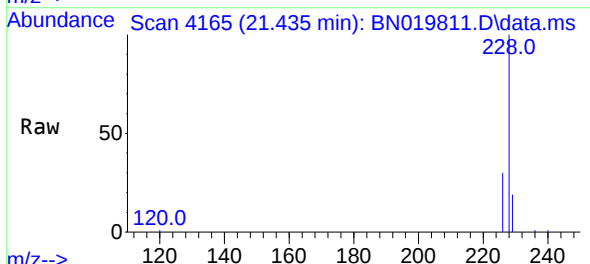
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Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.0 22.1 33.1

Manual Integrations
APPROVED

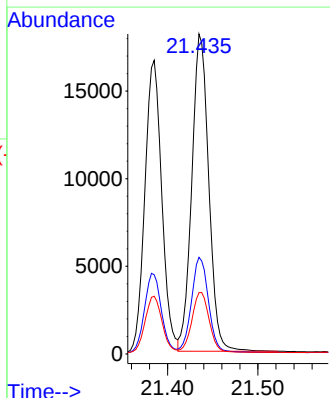
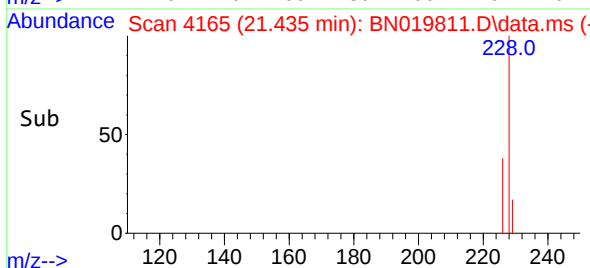
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

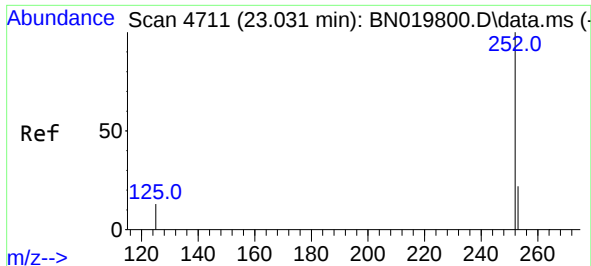


#22
Chrysene
Concen: 0.291 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15



Tgt Ion:228 Resp: 23608
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.2 16.0 24.0





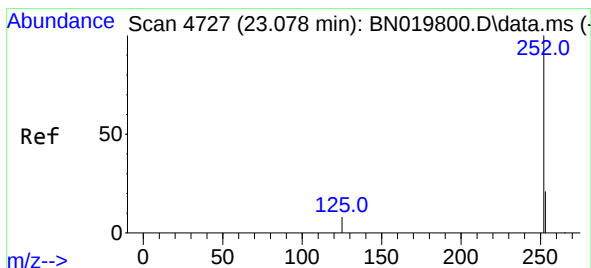
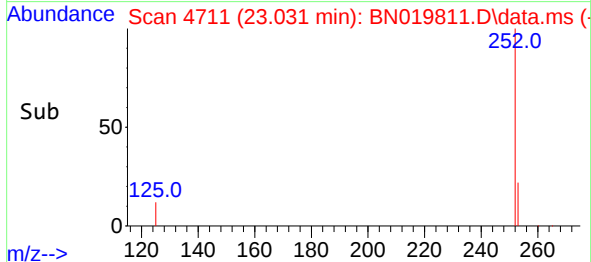
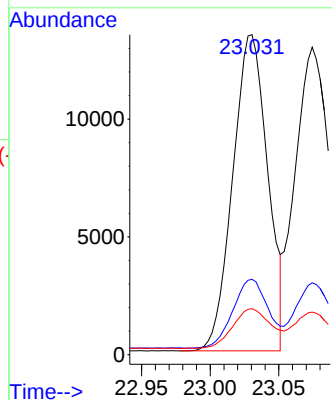
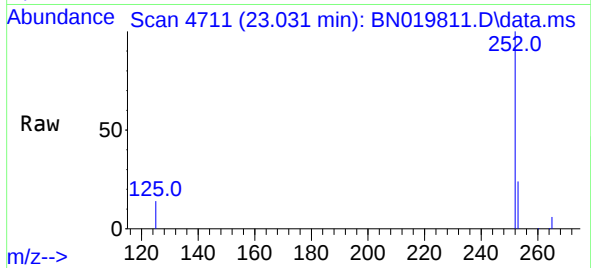
#24
Benzo(b)fluoranthene
Concen: 0.272 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

Instrument :
BNA_N
ClientSampleId :
SLCS801

Tgt Ion:252 Resp: 23748
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.0
125 14.3 0.0 40.2

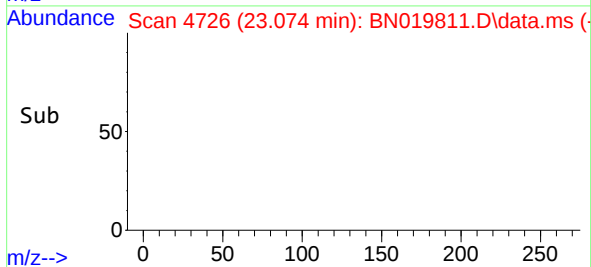
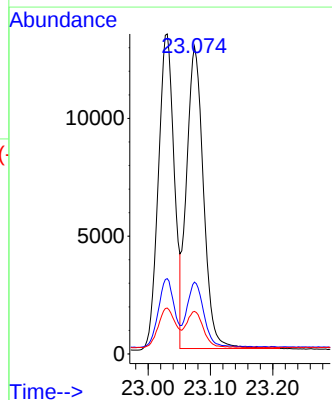
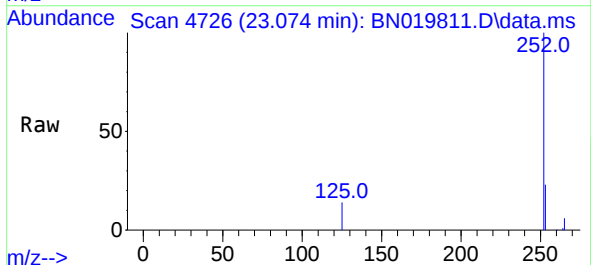
Manual Integrations
APPROVED

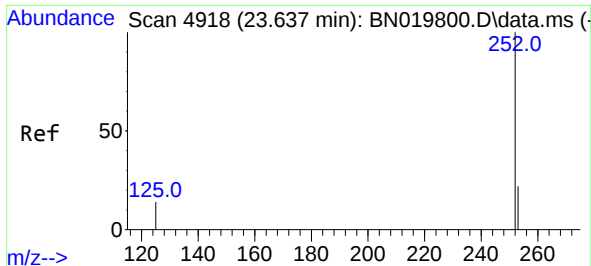
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

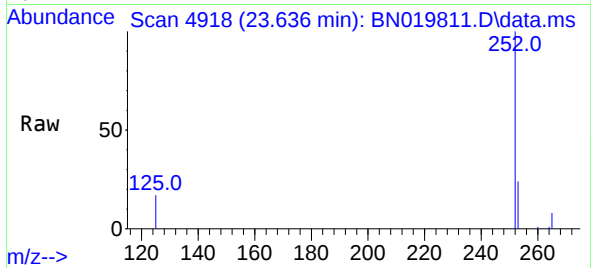
Tgt Ion:252 Resp: 24090
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.2
125 13.8 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

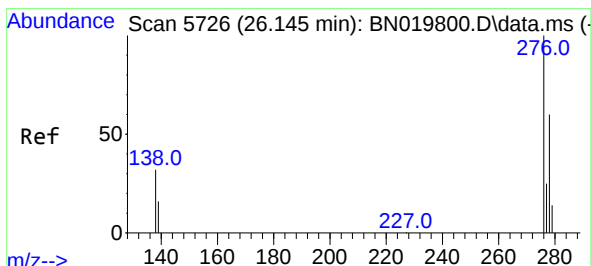
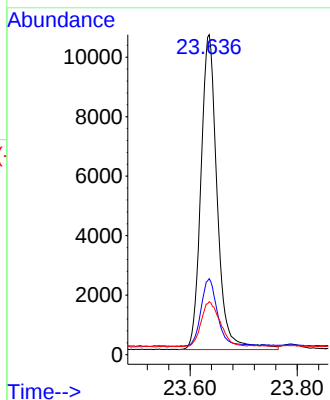
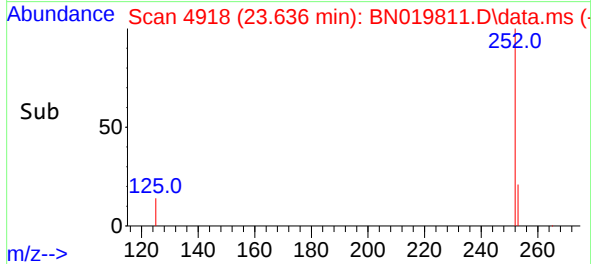
Instrument :
BNA_N
ClientSampleId :
SLCS801



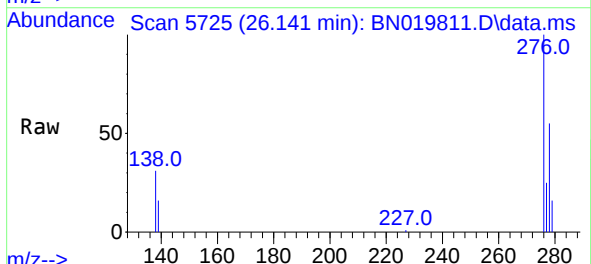
Tgt Ion:252 Resp: 22362
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 16.5 28.3 42.5

Manual Integrations
APPROVED

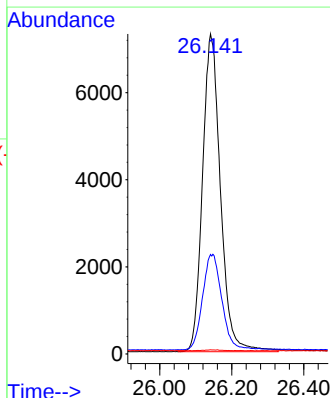
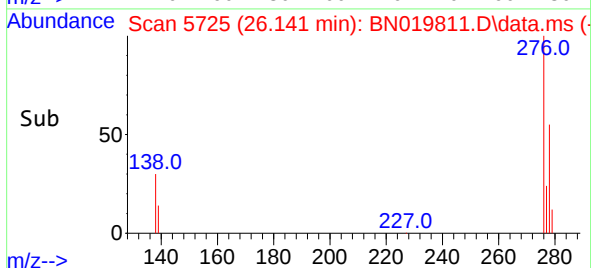
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

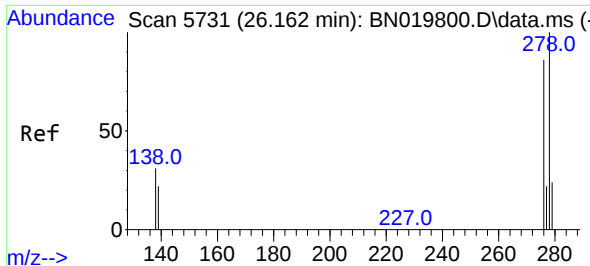


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15



Tgt Ion:276 Resp: 25237
Ion Ratio Lower Upper
276 100
138 32.1 23.6 35.4
227 0.3 0.0 0.0





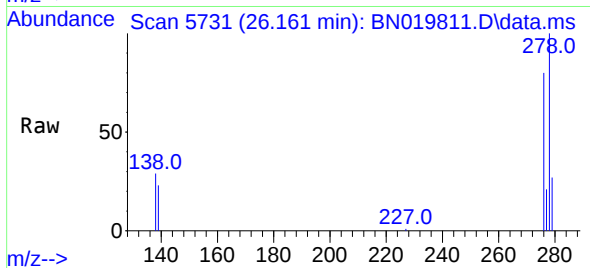
#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 26.161 min Scan# 5731
Delta R.T. -0.003 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15

Instrument :

BNA_N

ClientSampleId :

SLCS801

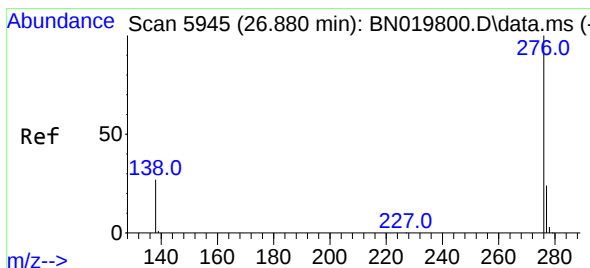
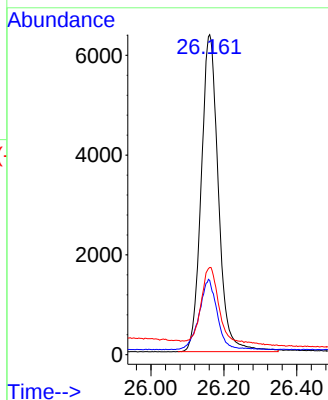
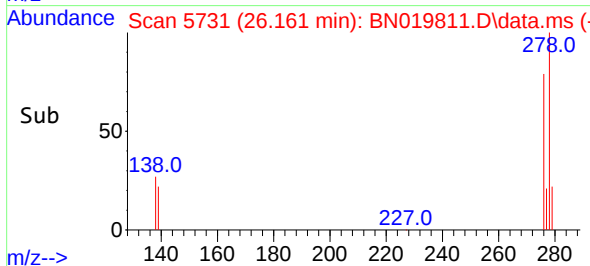


Tgt Ion: 278 Resp: 20812
Ion Ratio Lower Upper
278 100
139 23.2 18.6 28.0
279 27.3 35.1 52.7

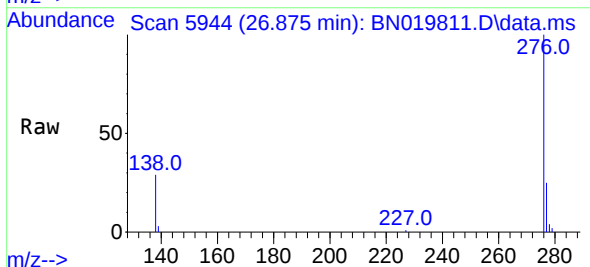
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.245 ng/ul
RT: 26.875 min Scan# 5944
Delta R.T. -0.003 min
Lab File: BN019811.D
Acq: 17 May 2022 03:15



Tgt Ion: 276 Resp: 20752
Ion Ratio Lower Upper
276 100
138 28.9 20.9 31.3
277 24.6 20.4 30.6

