

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
 Data File : BM048795.D
 Acq On : 19 Nov 2024 02:54
 Operator : RC/JU
 Sample : PB165031BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS031

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2024
 Supervised By :mohammad ahmed 11/20/2024

Quant Time: Nov 19 03:49:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 18 23:00:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	2810m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.481	136	8642	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	5500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.066	188	10949	0.400	ng/ul	0.00
17) Chrysene-d12	21.243	240	9208	0.400	ng/ul	0.00
23) Perylene-d12	23.447	264	10500	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	2733	0.806	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.087	152	4260	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.087	212	10516	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.119	88	7627	1.957	ng/ul#	63
5) Naphthalene	10.531	128	8119	0.375	ng/ul#	93
7) 2-Methylnaphthalene	12.158	142	4464	0.328	ng/ul	92
8) 1-Methylnaphthalene	12.351	142	5507	0.395	ng/ul	97
10) Acenaphthylene	14.027	152	7847	0.376	ng/ul	99
11) Acenaphthene	14.360	153	6291	0.377	ng/ul	98
12) Fluorene	15.382	166	6660	0.367	ng/ul	98
14) Pentachlorophenol	16.733	266	2105	0.524	ng/ul	98
15) Phenanthrene	17.108	178	9439	0.328	ng/ul	96
16) Anthracene	17.231	178	8171	0.305	ng/ul	98
19) Fluoranthene	19.119	202	13040	0.382	ng/ul	99
20) Pyrene	19.477	202	14146	0.382	ng/ul	99
21) Benzo(a)anthracene	21.237	228	8893	0.295	ng/ul	99
22) Chrysene	21.278	228	15205	0.420	ng/ul	100
24) Benzo(b)fluoranthene	22.786	252	11329	0.346	ng/ul	98
25) Benzo(k)fluoranthene	22.827	252	15647	0.408	ng/ul	98
26) Benzo(a)pyrene	23.359	252	12152	0.380	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.689	276	16175	0.363	ng/ul	97
28) Dibenzo(a,h)anthracene	25.709	278	12055	0.347	ng/ul	99
29) Benzo(g,h,i)perylene	26.360	276	14299	0.382	ng/ul	98

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

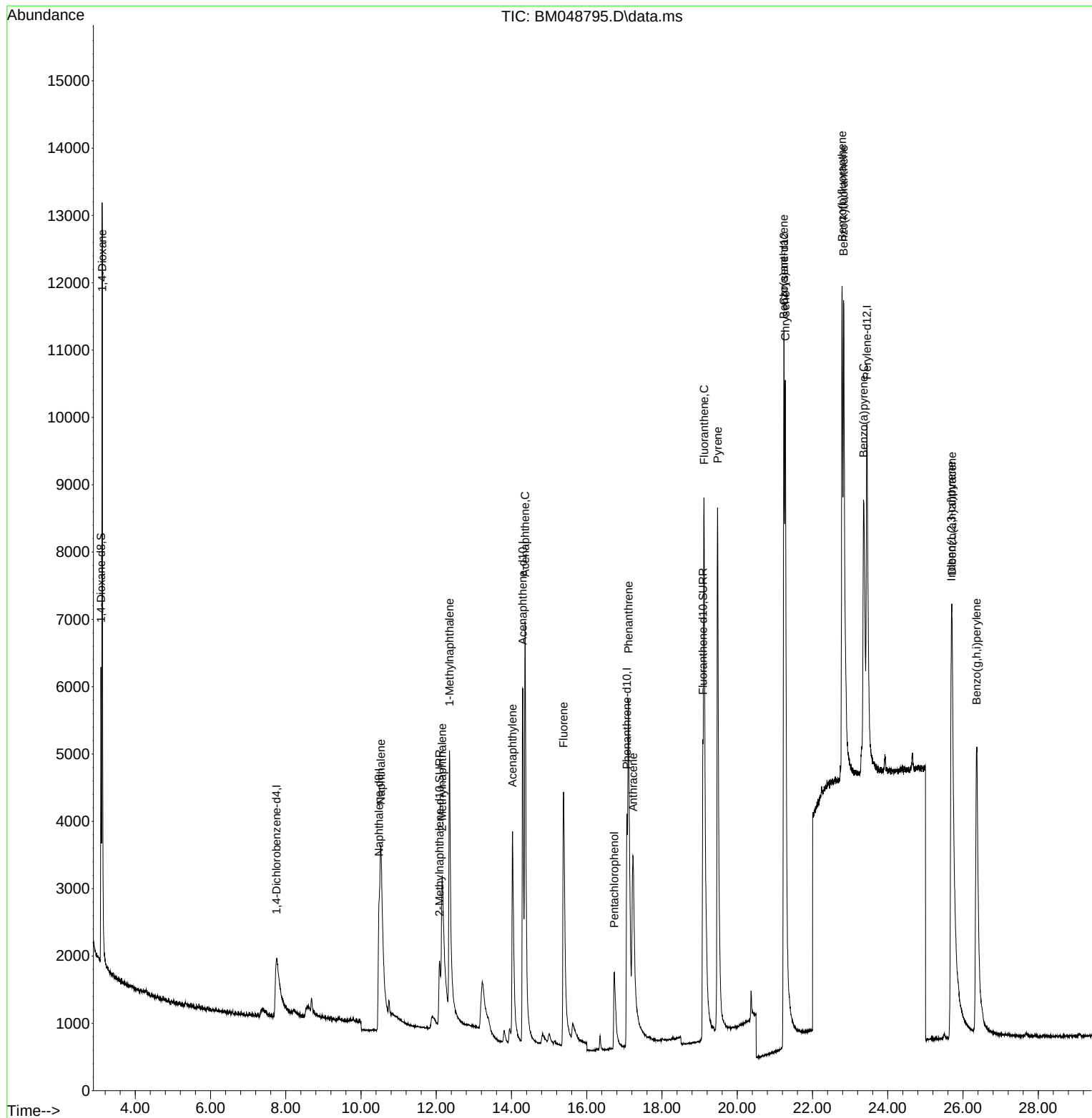
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
Data File : BM048795.D
Acq On : 19 Nov 2024 02:54
Operator : RC/JU
Sample : PB165031BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

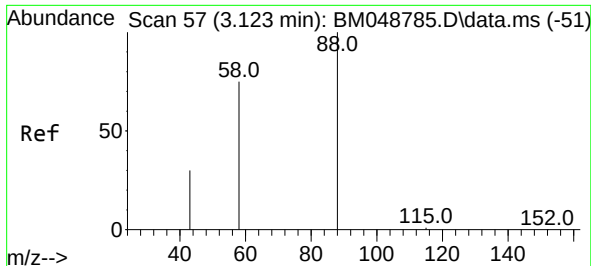
Instrument :
BNA_M
ClientSampleId :
SLCS031

Quant Time: Nov 19 03:49:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 23:00:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

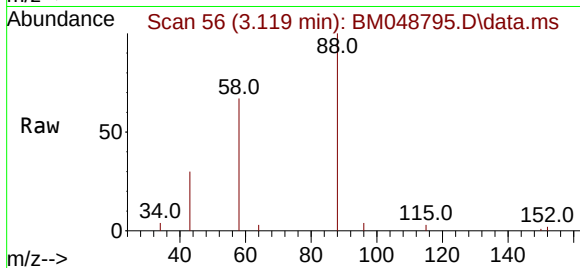
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024





#2
1,4-Dioxane
Concen: 1.957 ng/ul
RT: 3.119 min Scan# 50
Delta R.T. -0.009 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

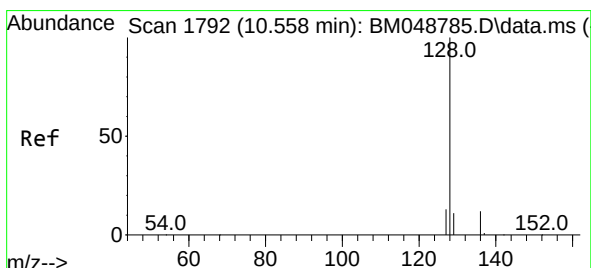
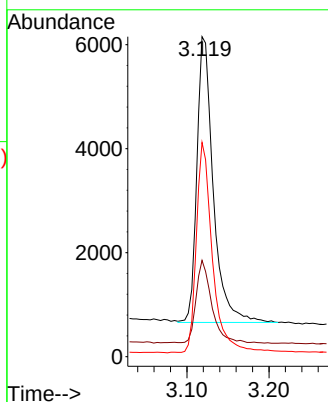
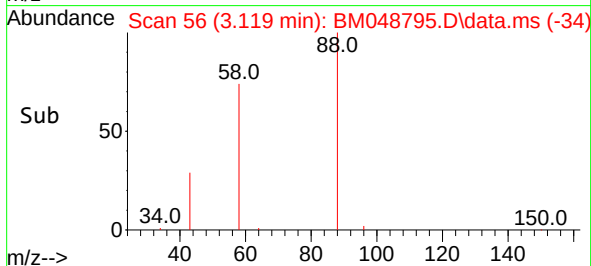
Instrument :
BNA_M
ClientSampleId :
SLCS031



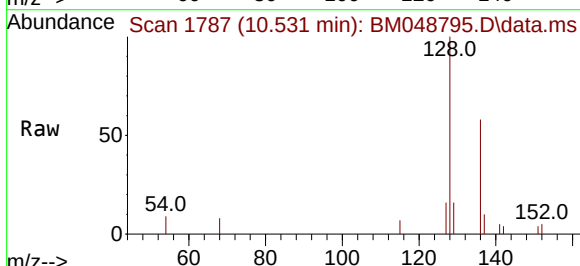
Tgt Ion: 88 Resp: 762
Ion Ratio Lower Upper
88 100
43 30.1 60.2 90.4
58 67.0 44.2 66.2

Manual Integrations
APPROVED

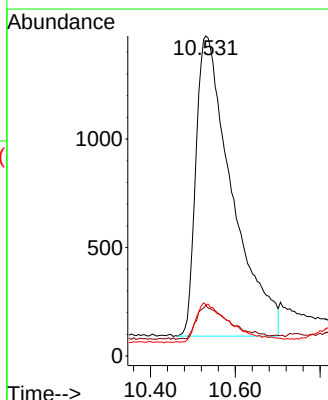
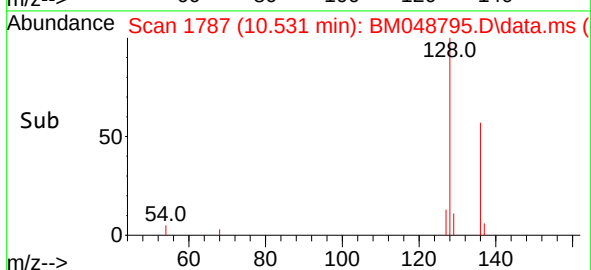
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

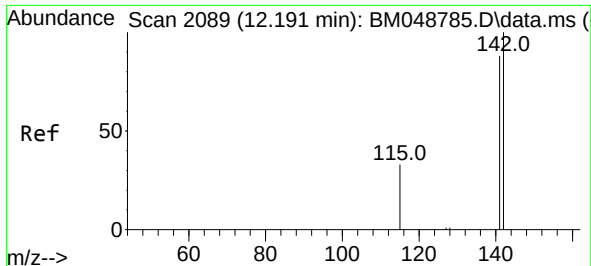


#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.531 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54



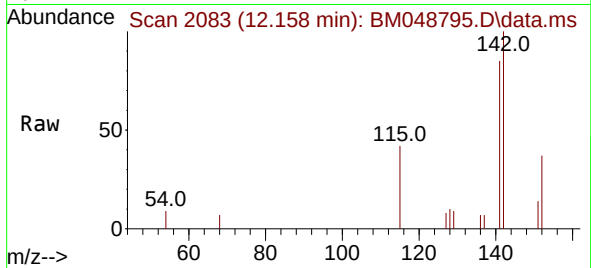
Tgt Ion:128 Resp: 8119
Ion Ratio Lower Upper
128 100
129 15.9 10.0 15.0
127 16.1 10.9 16.3





#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.158 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

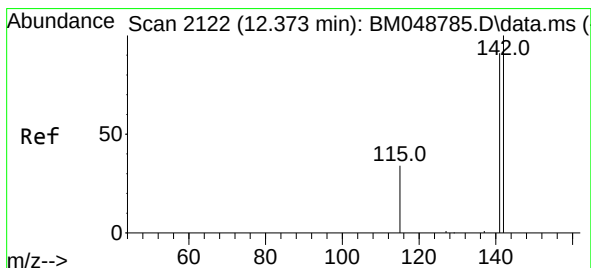
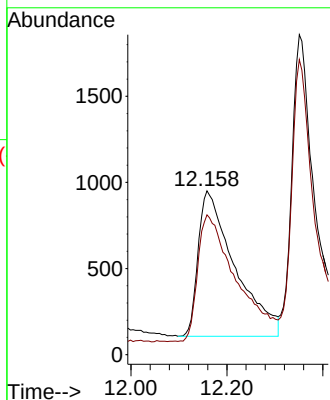
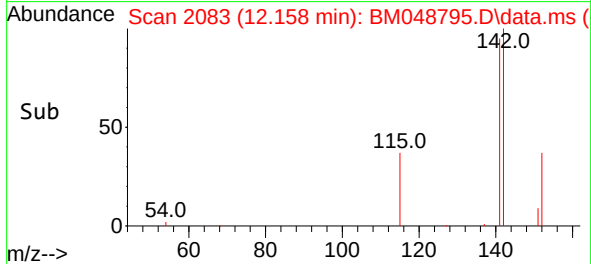
Instrument :
BNA_M
ClientSampleId :
SLCS031



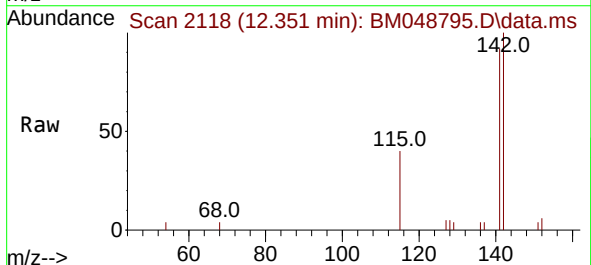
Tgt Ion:142 Resp: 446
Ion Ratio Lower Upper
142 100
141 93.0 68.6 103.0

Manual Integrations
APPROVED

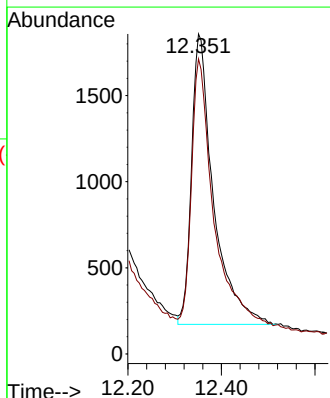
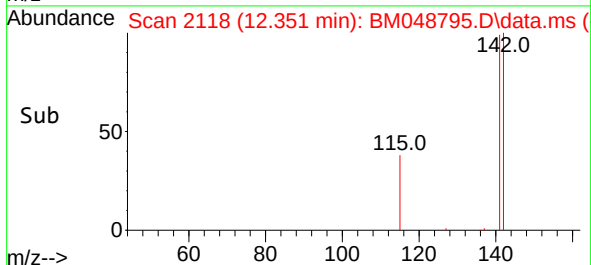
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

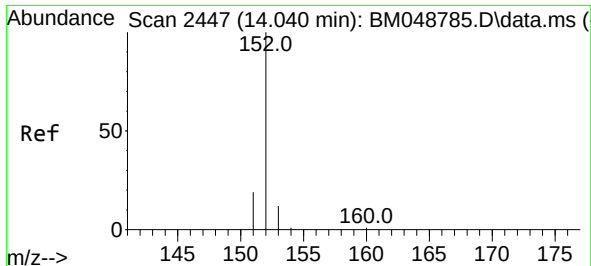


#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.351 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54



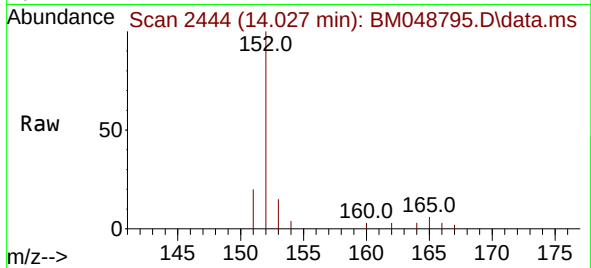
Tgt Ion:142 Resp: 5507
Ion Ratio Lower Upper
142 100
141 93.6 72.8 109.2





#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.027 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

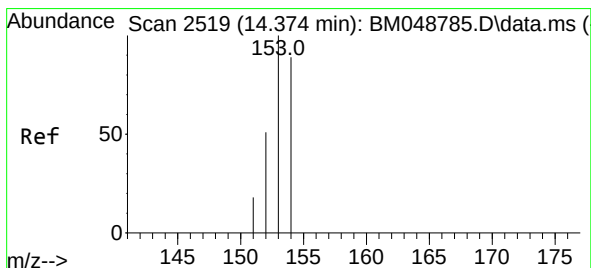
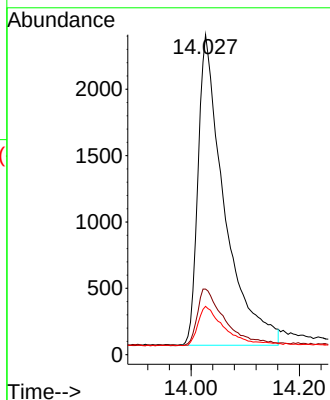
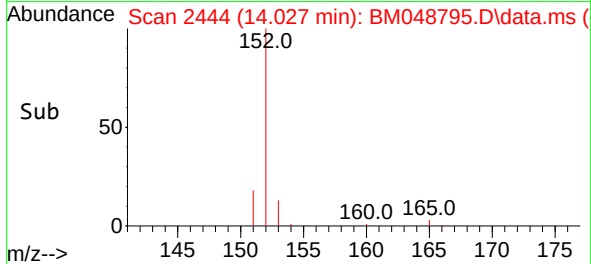
Instrument :
BNA_M
ClientSampleId :
SLCS031



Tgt Ion:152 Resp: 784
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 15.1 11.6 17.4

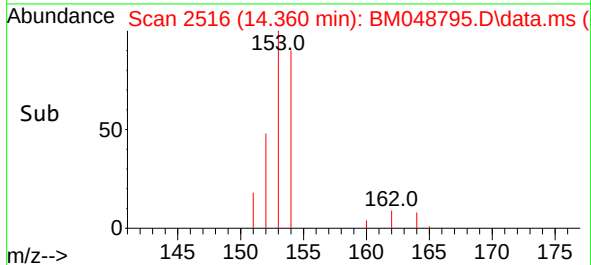
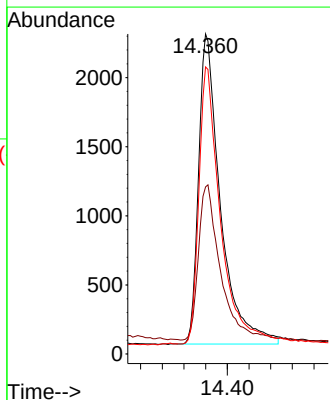
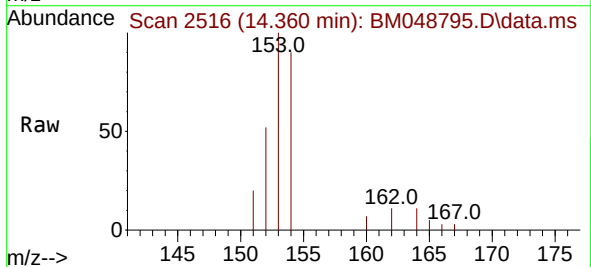
Manual Integrations
APPROVED

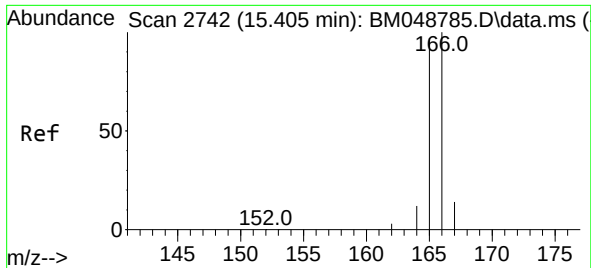
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.360 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

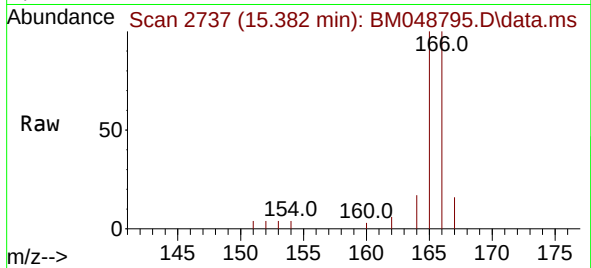
Tgt Ion:153 Resp: 6291
Ion Ratio Lower Upper
153 100
152 52.2 41.1 61.7
154 89.7 70.3 105.5





#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.382 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

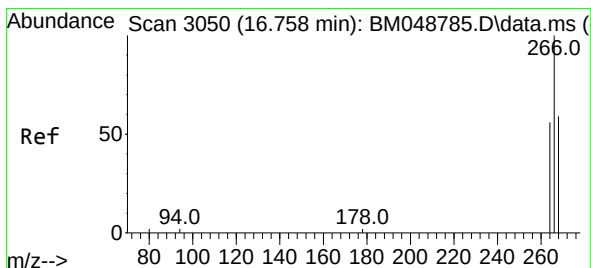
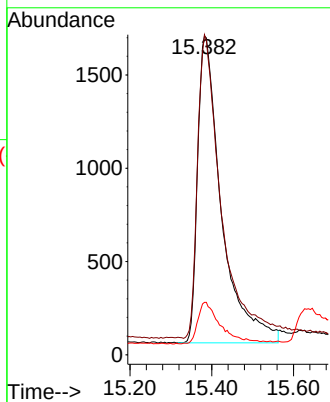
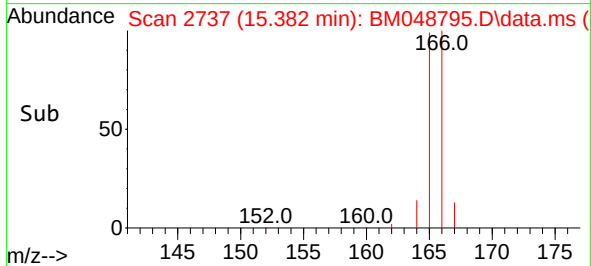
Instrument :
BNA_M
ClientSampleId :
SLCS031



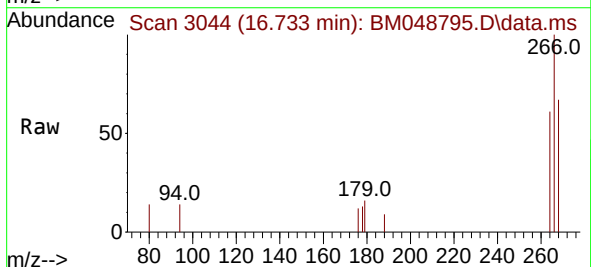
Tgt Ion:166 Resp: 666
Ion Ratio Lower Upper
166 100
165 100.4 78.7 118.1
167 16.4 12.6 18.8

Manual Integrations
APPROVED

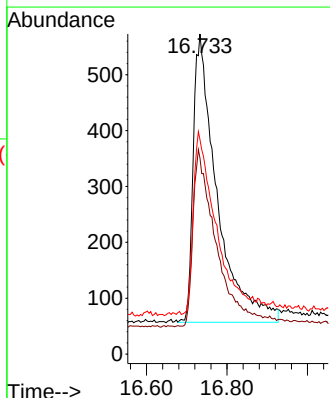
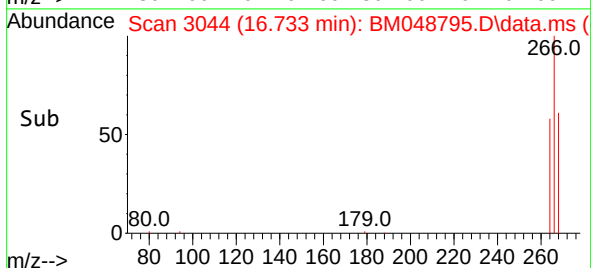
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

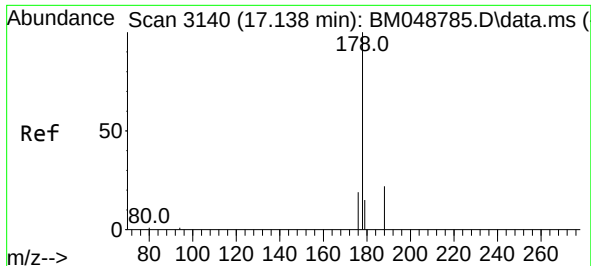


#14
Pentachlorophenol
Concen: 0.524 ng/ul
RT: 16.733 min Scan# 3044
Delta R.T. -0.017 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54



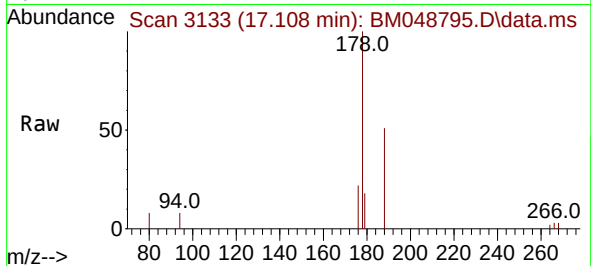
Tgt Ion:266 Resp: 2105
Ion Ratio Lower Upper
266 100
264 61.0 49.6 74.4
268 64.3 49.4 74.0





#15
Phenanthrene
Concen: 0.328 ng/u1
RT: 17.108 min Scan# 3113
Delta R.T. -0.009 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

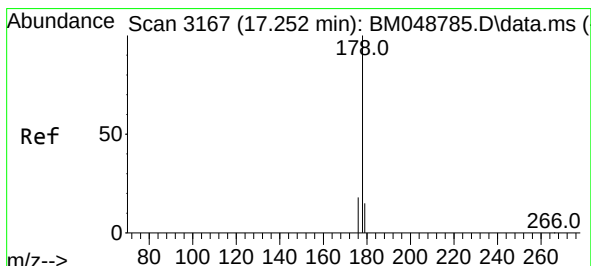
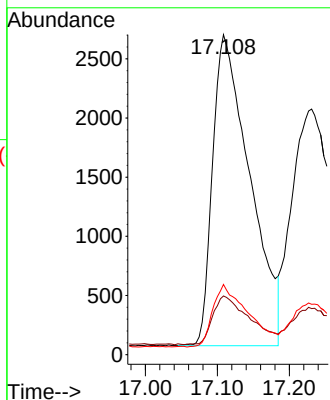
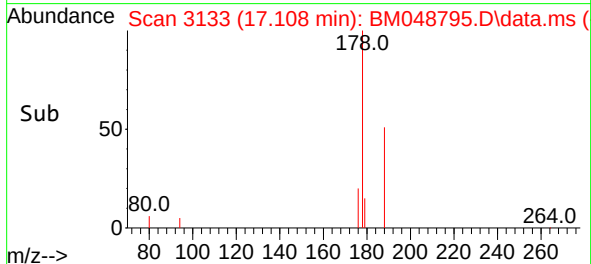
Instrument :
BNA_M
ClientSampleId :
SLCS031



Tgt Ion:178 Resp: 9439
Ion Ratio Lower Upper
178 100
179 18.3 13.4 20.0
176 22.0 16.2 24.2

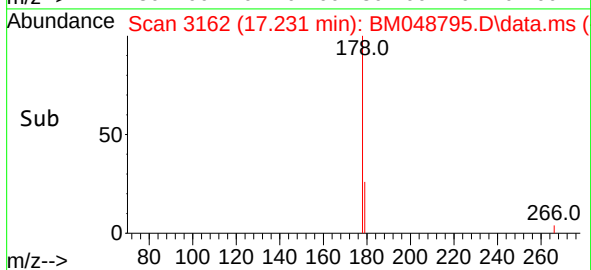
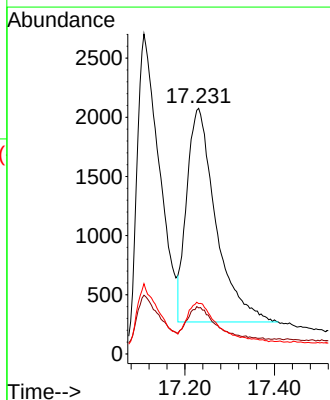
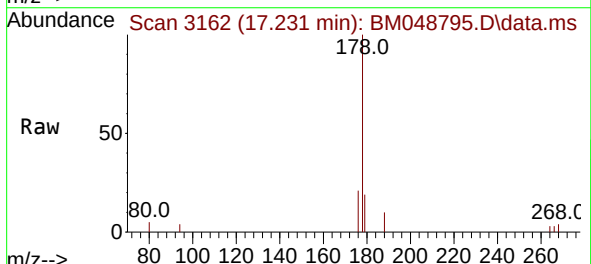
Manual Integrations
APPROVED

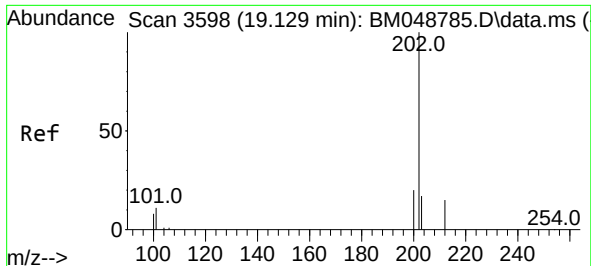
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#16
Anthracene
Concen: 0.305 ng/u1
RT: 17.231 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

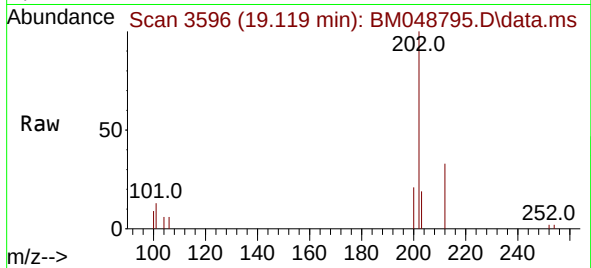
Tgt Ion:178 Resp: 8171
Ion Ratio Lower Upper
178 100
179 18.7 13.7 20.5
176 20.5 15.9 23.9





#19
Fluoranthene
Concen: 0.382 ng/u1
RT: 19.119 min Scan# 3596
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

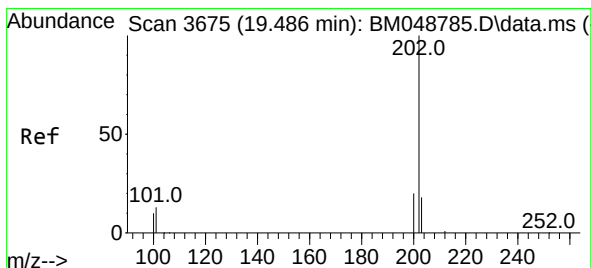
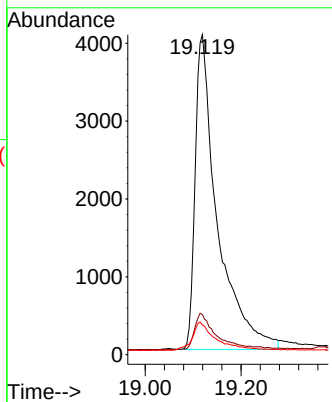
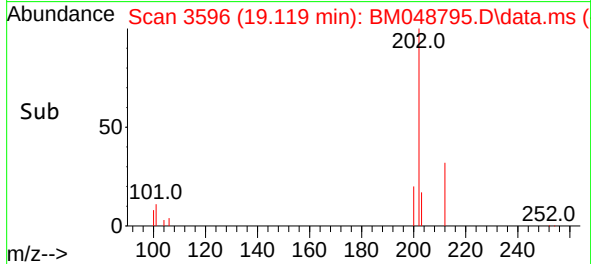
Instrument :
BNA_M
ClientSampleId :
SLCS031



Tgt Ion:202 Resp: 13040
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.4
100 9.3 7.3 10.9

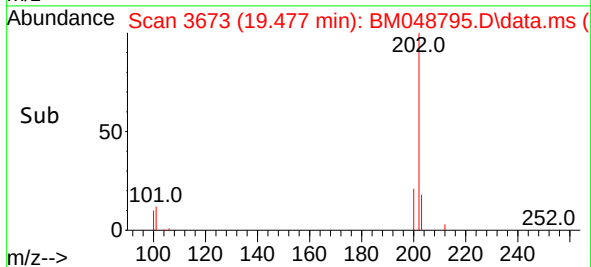
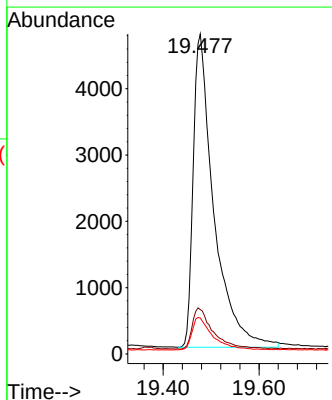
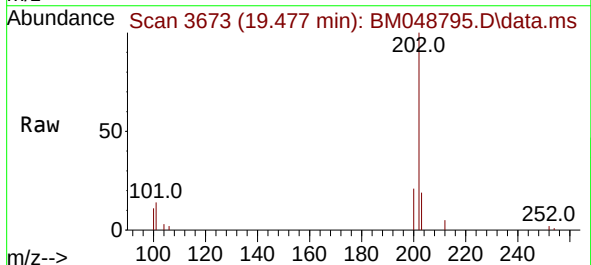
Manual Integrations
APPROVED

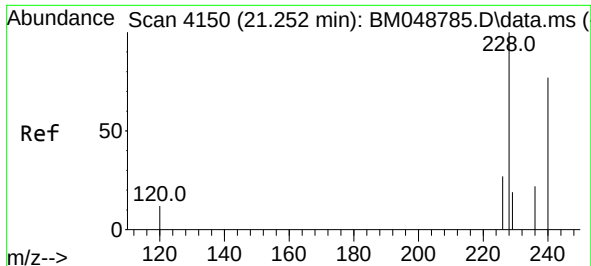
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#20
Pyrene
Concen: 0.382 ng/u1
RT: 19.477 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

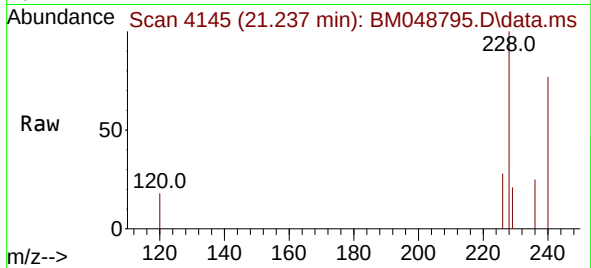
Tgt Ion:202 Resp: 14146
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.2
100 11.3 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.295 ng/ul
RT: 21.237 min Scan# 4150
Delta R.T. -0.003 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

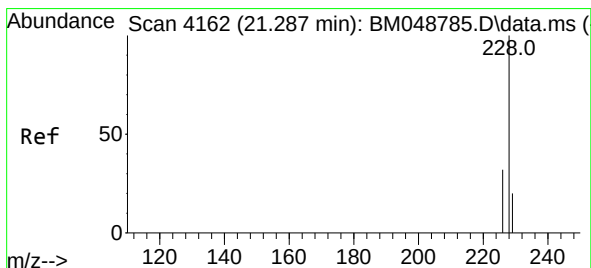
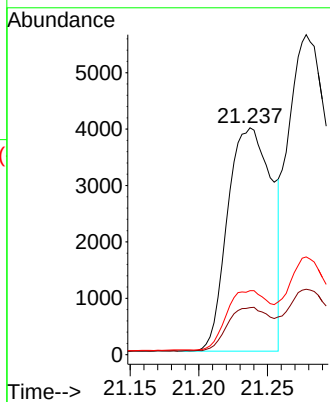
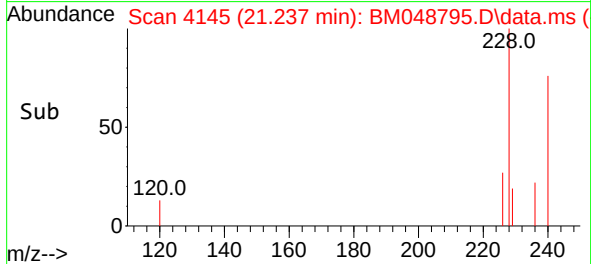
Instrument :
BNA_M
ClientSampleId :
SLCS031



Tgt Ion:228 Resp: 889
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 28.2 22.1 33.1

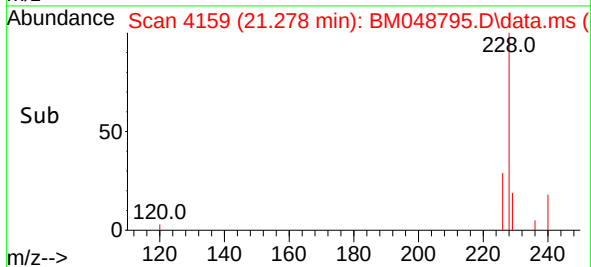
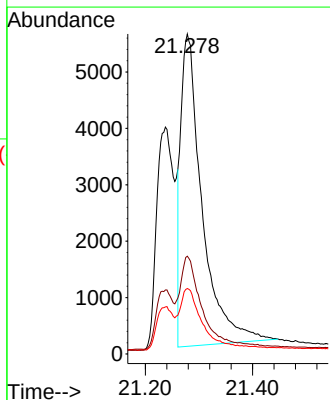
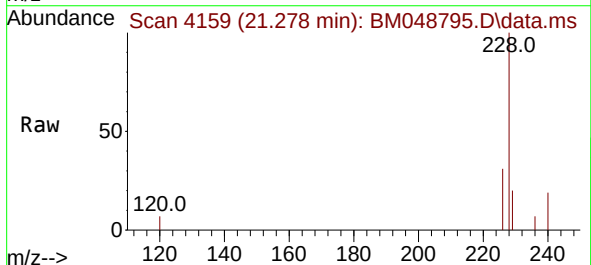
Manual Integrations
APPROVED

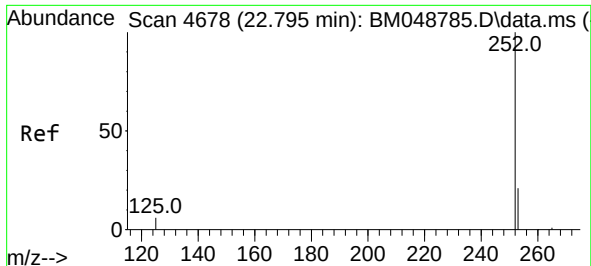
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.278 min Scan# 4159
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

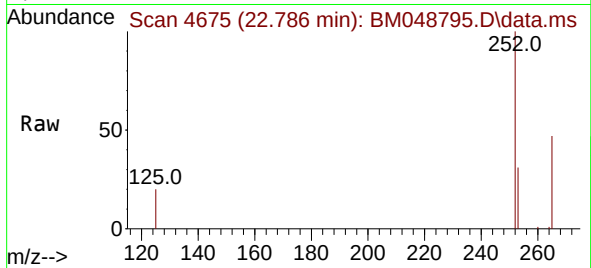
Tgt Ion:228 Resp: 15205
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.4 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.786 min Scan# 4675
Delta R.T. 0.003 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

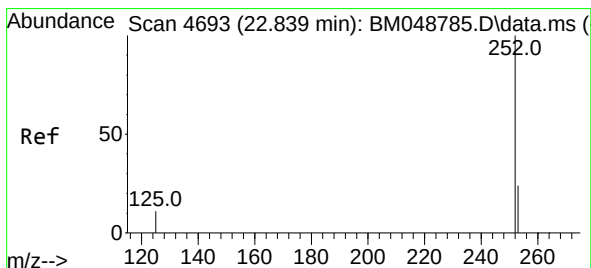
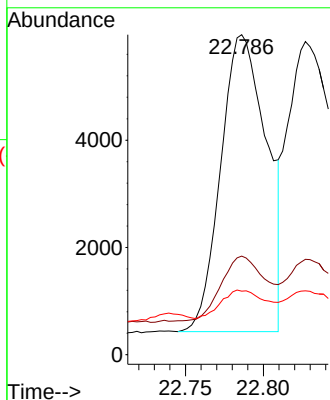
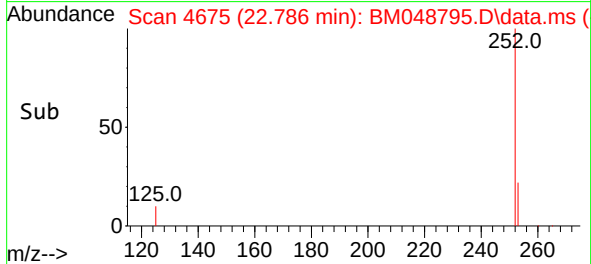
Instrument :
BNA_M
ClientSampleId :
SLCS031



Tgt Ion:252 Resp: 11329
Ion Ratio Lower Upper
252 100
253 30.8 0.0 61.6
125 19.9 0.0 43.2

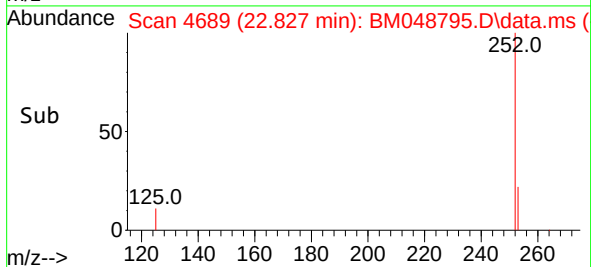
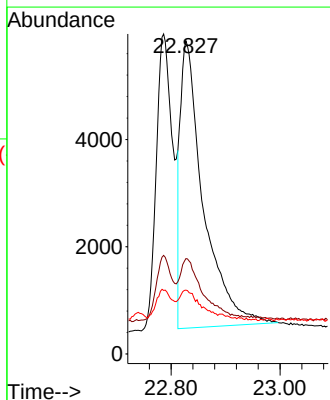
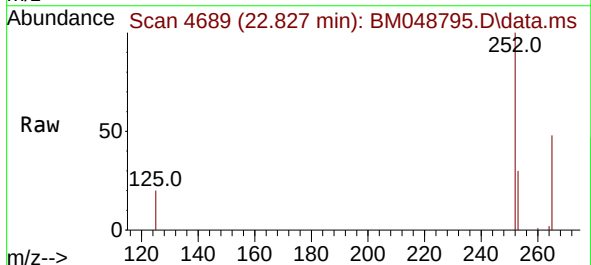
Manual Integrations
APPROVED

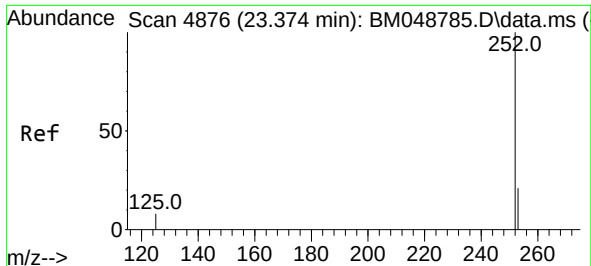
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 22.827 min Scan# 4689
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

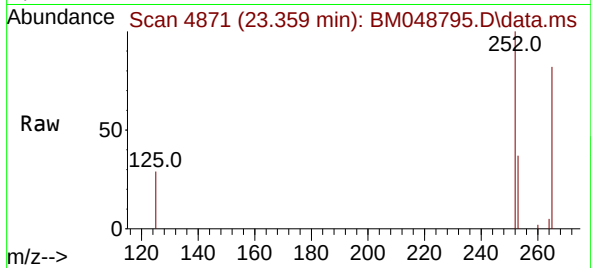
Tgt Ion:252 Resp: 15647
Ion Ratio Lower Upper
252 100
253 30.5 25.0 37.4
125 20.4 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.359 min Scan# 4871
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

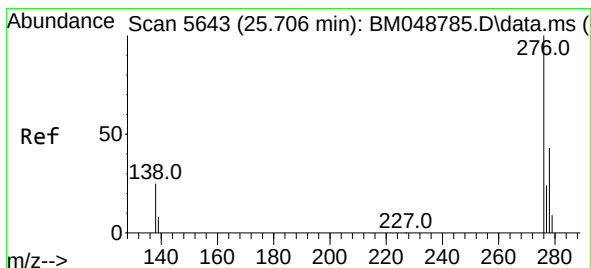
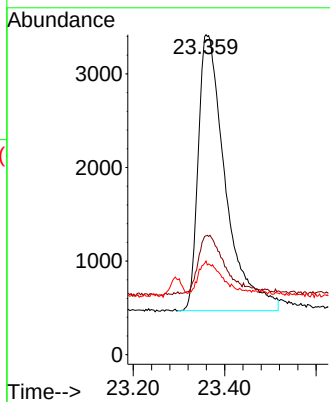
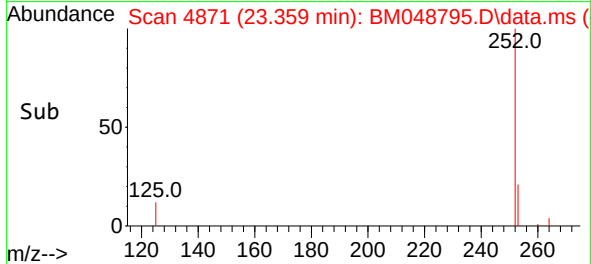
Instrument :
BNA_M
ClientSampleId :
SLCS031



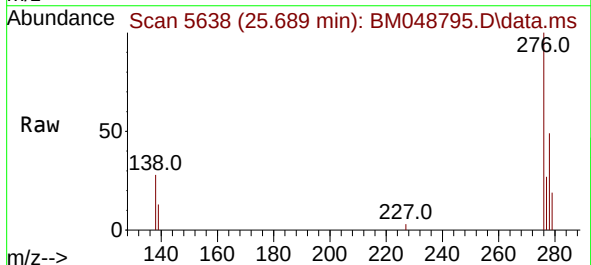
Tgt Ion:252 Resp: 1215
Ion Ratio Lower Upper
252 100
253 37.2 29.6 44.4
125 29.2 23.9 35.9

Manual Integrations
APPROVED

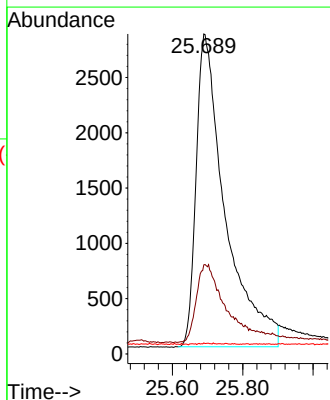
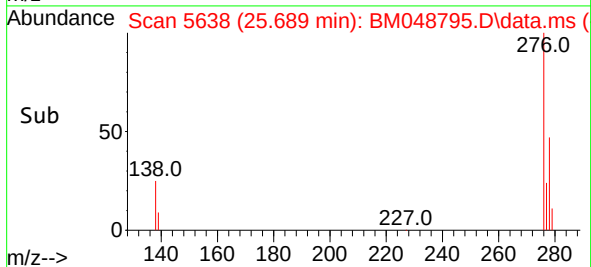
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

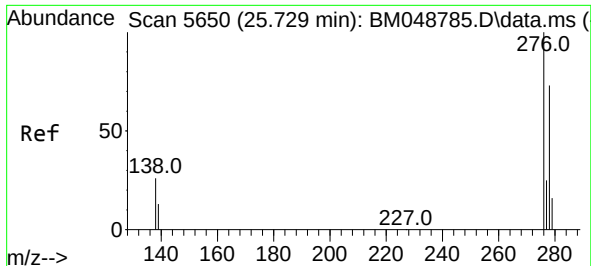


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng/ul
RT: 25.689 min Scan# 5638
Delta R.T. -0.007 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54



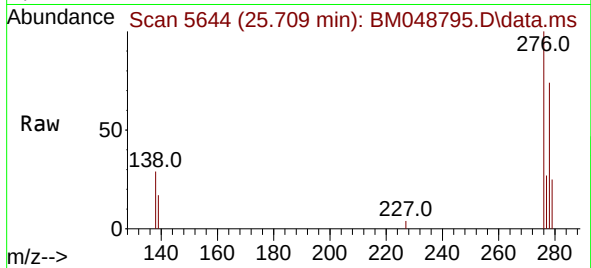
Tgt Ion:276 Resp: 16175
Ion Ratio Lower Upper
276 100
138 26.6 20.1 30.1
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 25.709 min Scan# 5644
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54

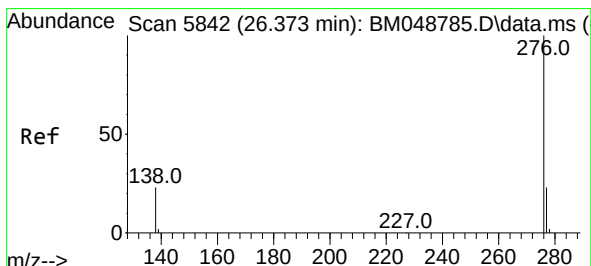
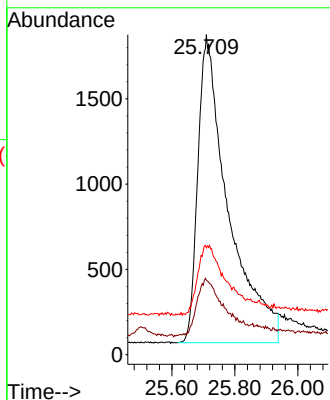
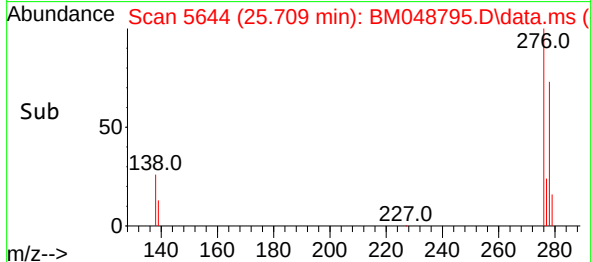
Instrument :
BNA_M
ClientSampleId :
SLCS031



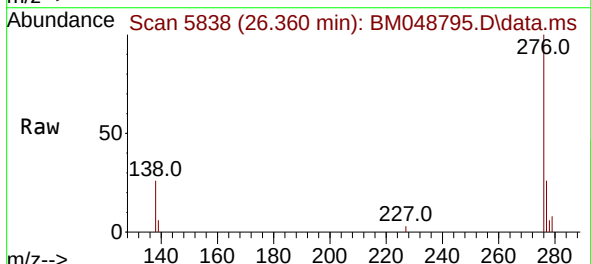
Tgt Ion:278 Resp: 1205
Ion Ratio Lower Upper
278 100
139 23.3 17.8 26.8
279 33.4 26.6 39.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.360 min Scan# 5838
Delta R.T. -0.000 min
Lab File: BM048795.D
Acq: 19 Nov 2024 02:54



Tgt Ion:276 Resp: 14299
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.6
277 26.5 20.5 30.7

