

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
 Data File : BM048796.D
 Acq On : 19 Nov 2024 03:30
 Operator : RC/JU
 Sample : PB165036BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS036

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 04:01:16 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	2578m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.487	136	7736	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.300	164	4795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.075	188	9225	0.400	ng/ul	0.00
17) Chrysene-d12	21.246	240	7920	0.400	ng/ul	0.00
23) Perylene-d12	23.453	264	9140	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	2849	0.916	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.098	152	3895	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.091	212	9349	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.118	88	7717	2.158	ng/ul#	62
5) Naphthalene	10.536	128	7762	0.401	ng/ul#	92
7) 2-Methylnaphthalene	12.164	142	4141	0.340	ng/ul	91
8) 1-Methylnaphthalene	12.356	142	5262	0.421	ng/ul	96
10) Acenaphthylene	14.031	152	7192	0.395	ng/ul	98
11) Acenaphthene	14.364	153	5864	0.403	ng/ul	97
12) Fluorene	15.396	166	6032	0.381	ng/ul	99
14) Pentachlorophenol	16.741	266	1853	0.547	ng/ul	98
15) Phenanthrene	17.113	178	8323	0.343	ng/ul	98
16) Anthracene	17.239	178	7180	0.318	ng/ul	95
19) Fluoranthene	19.124	202	11642	0.397	ng/ul	99
20) Pyrene	19.477	202	12638	0.397	ng/ul	98
21) Benzo(a)anthracene	21.237	228	8183	0.316	ng/ul	98
22) Chrysene	21.284	228	14044	0.451	ng/ul	99
24) Benzo(b)fluoranthene	22.789	252	10392	0.365	ng/ul	99
25) Benzo(k)fluoranthene	22.836	252	15022	0.450	ng/ul	100
26) Benzo(a)pyrene	23.365	252	11178	0.402	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.696	276	14938	0.385	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.713	278	10963	0.363	ng/ul	94
29) Benzo(g,h,i)perylene	26.367	276	13270	0.407	ng/ul	99

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

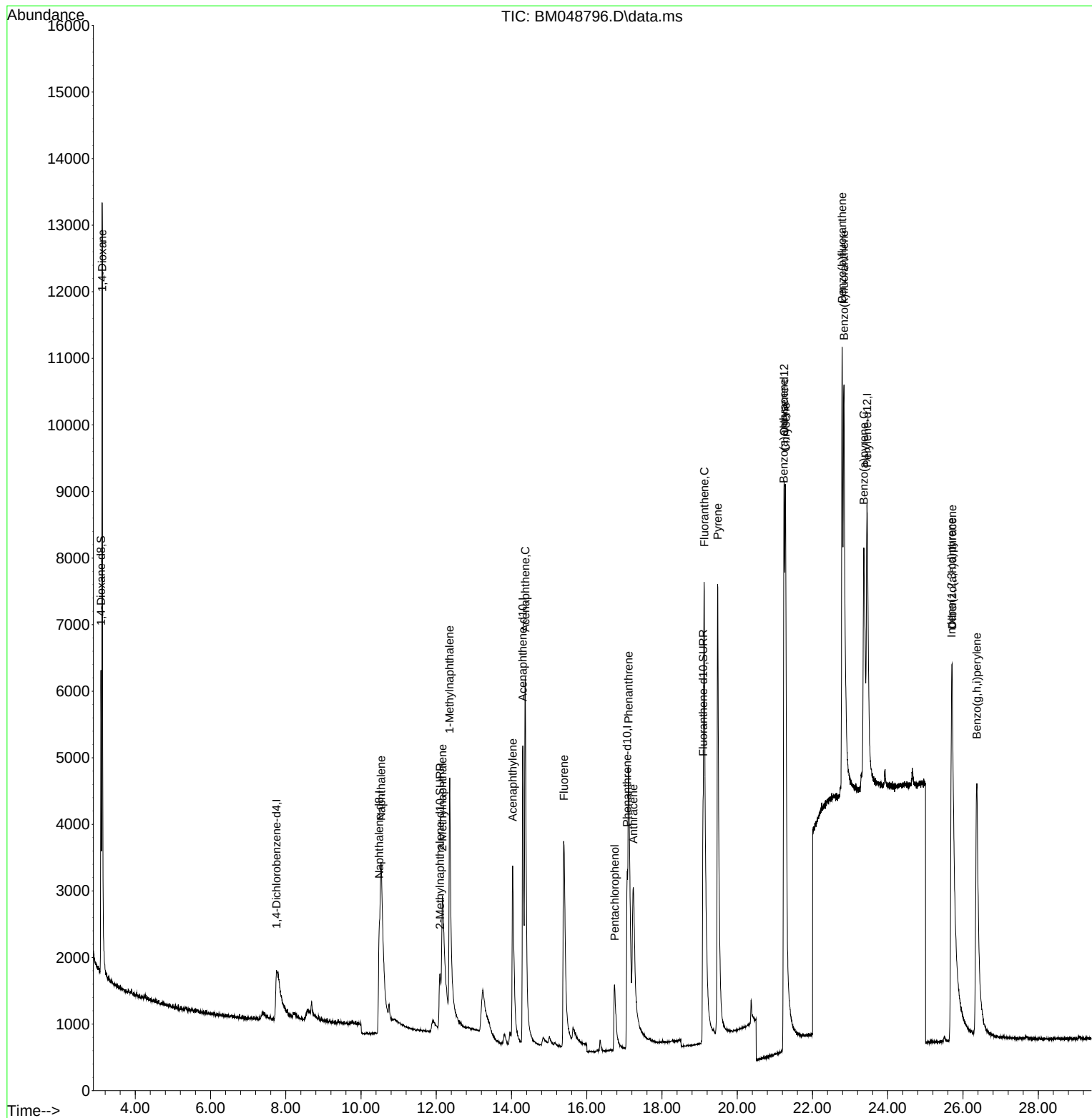
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
Data File : BM048796.D
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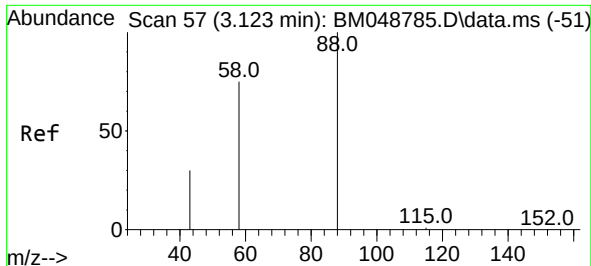
Instrument :
BNA_M
ClientSampleId :
SLCS036

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Supervised By :mohammad ahmed 11/20/2024

Quant Time: Nov 19 04:01:16 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 23:00:29 2024
Response via : Initial Calibration





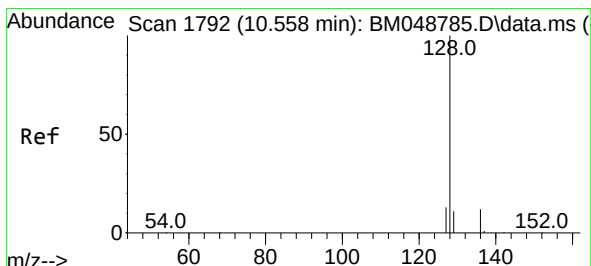
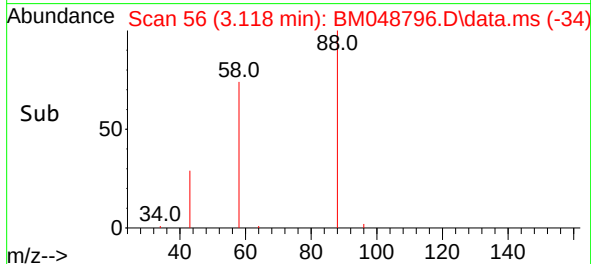
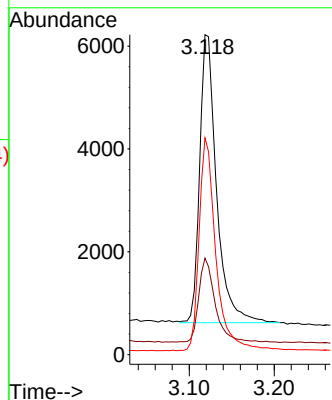
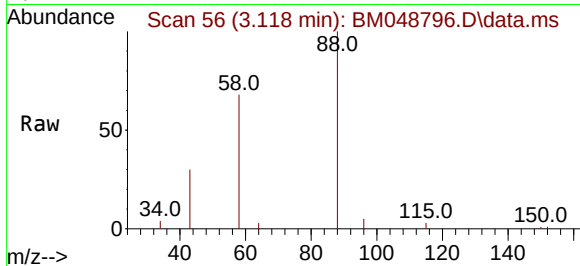
#2
1,4-Dioxane
Concen: 2.158 ng/ul
RT: 3.118 min Scan# 50
Delta R.T. -0.009 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

Instrument :
BNA_M
ClientSampleId :
SLCS036

Tgt Ion: 88 Resp: 771
Ion Ratio Lower Upper
88 100
43 30.1 60.2 90.4
58 67.8 44.2 66.2

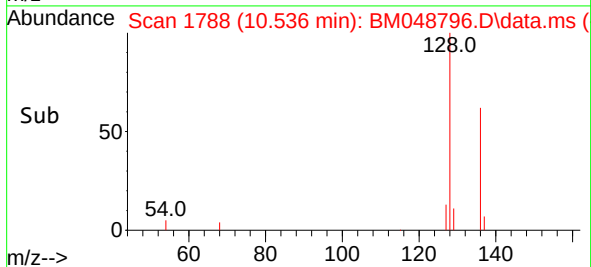
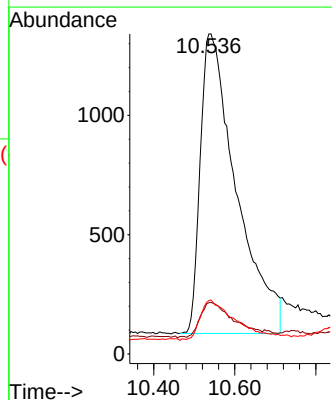
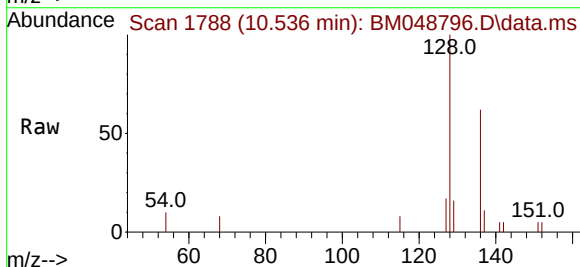
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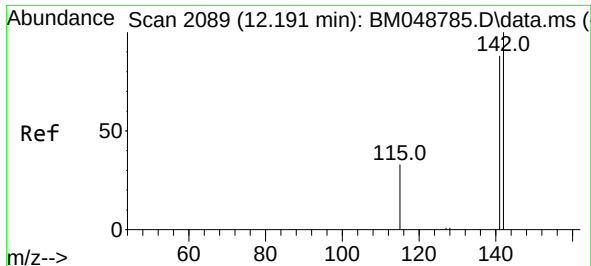
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.536 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

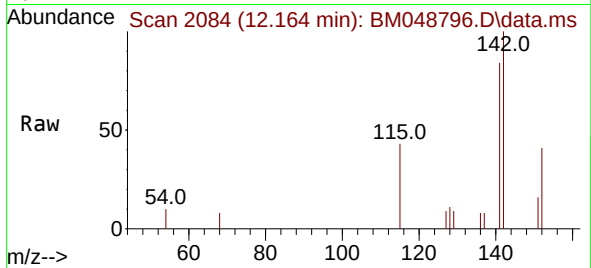
Tgt Ion:128 Resp: 7762
Ion Ratio Lower Upper
128 100
129 16.0 10.0 15.0#
127 16.7 10.9 16.3#





#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.164 min Scan# 2084
Delta R.T. 0.005 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

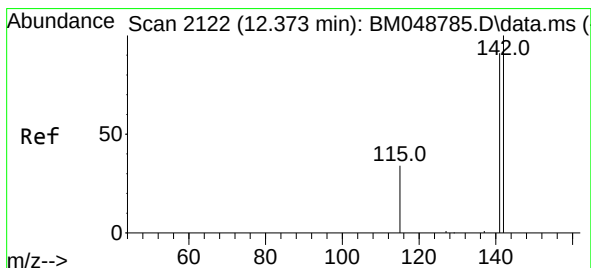
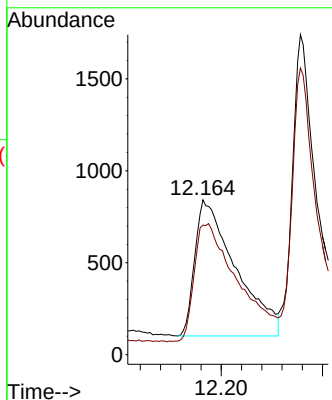
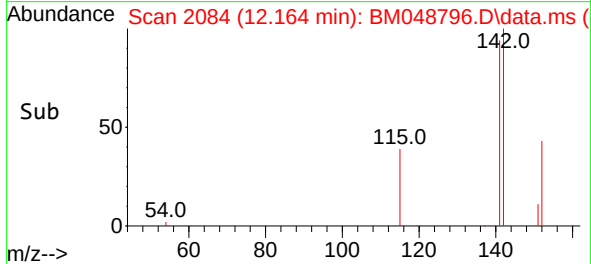
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
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141 93.7 68.6 103.0

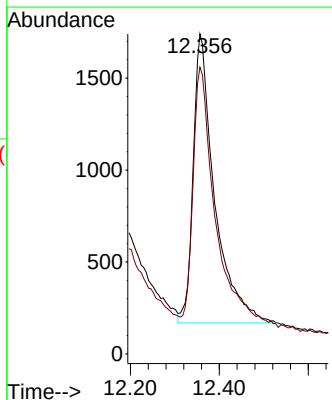
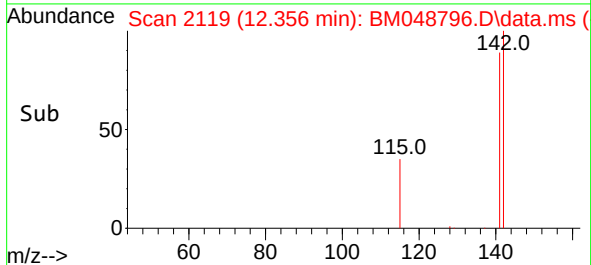
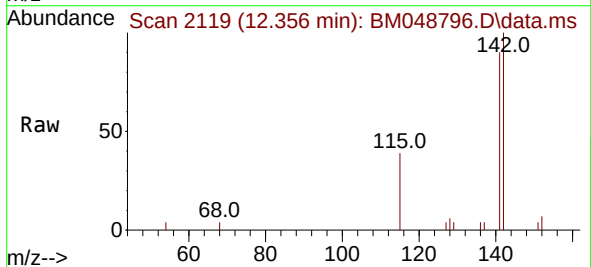
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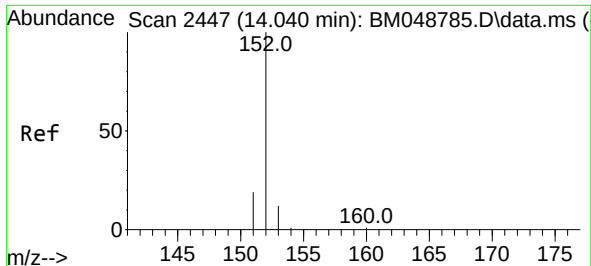
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#8
1-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.356 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

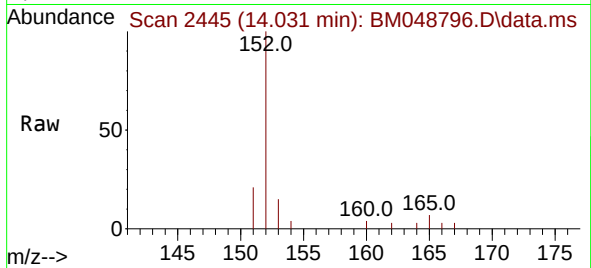
Tgt Ion:142 Resp: 5262
Ion Ratio Lower Upper
142 100
141 94.9 72.8 109.2





#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.031 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

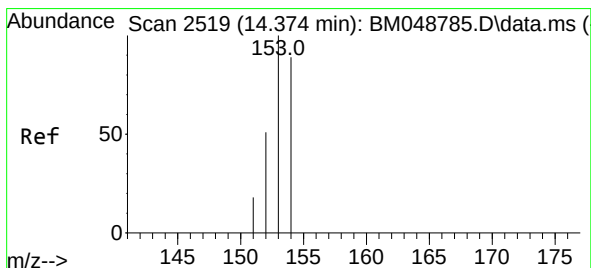
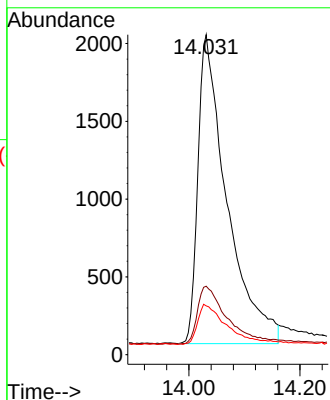
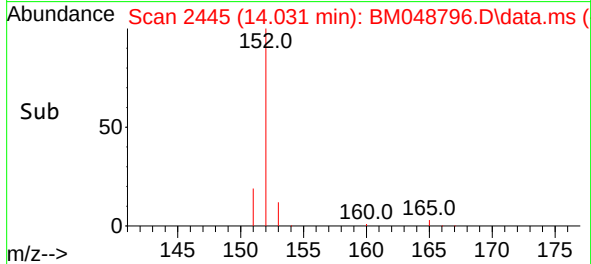
Instrument :
BNA_M
ClientSampleId :
SLCS036



Tgt Ion:152 Resp: 7192
Ion Ratio Lower Upper
152 100
151 21.4 16.5 24.7
153 15.2 11.6 17.4

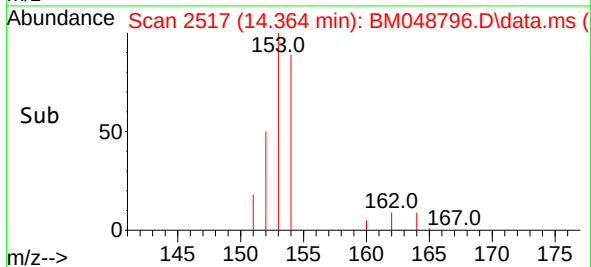
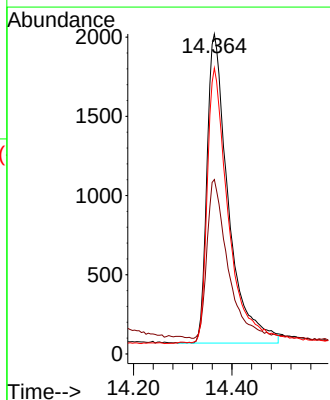
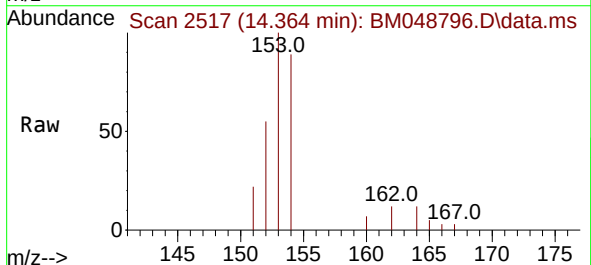
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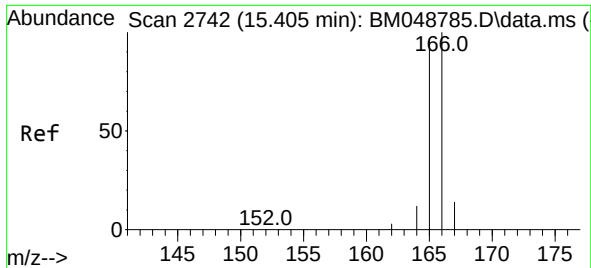
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.364 min Scan# 2517
Delta R.T. -0.000 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

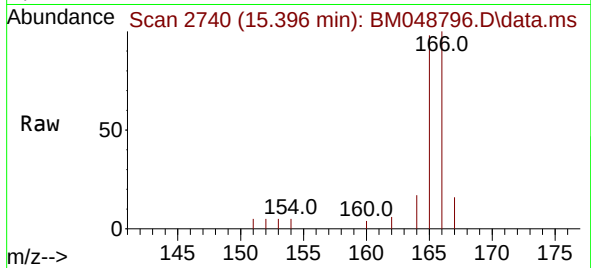
Tgt Ion:153 Resp: 5864
Ion Ratio Lower Upper
153 100
152 54.5 41.1 61.7
154 89.4 70.3 105.5





#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.396 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

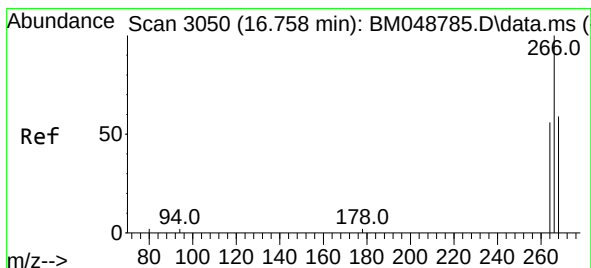
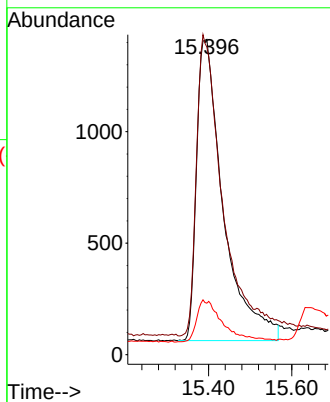
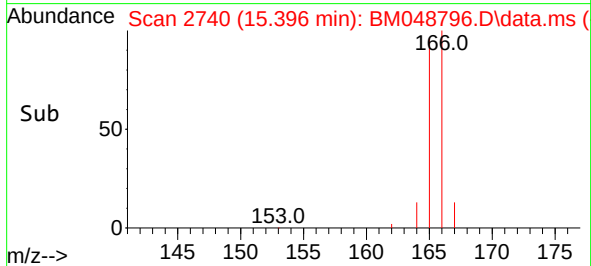
Instrument :
BNA_M
ClientSampleId :
SLCS036



Tgt Ion:166 Resp: 603
Ion Ratio Lower Upper
166 100
165 97.6 78.7 118.1
167 16.3 12.6 18.8

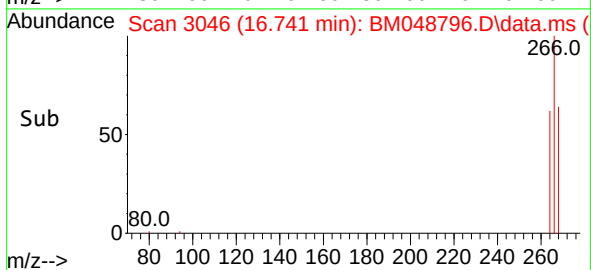
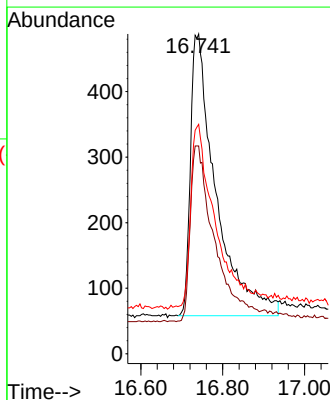
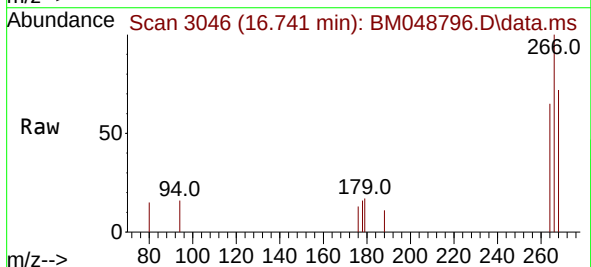
Manual Integrations
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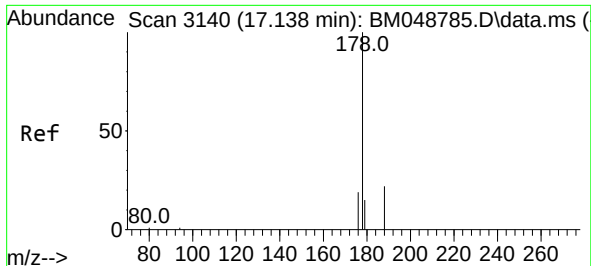
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#14
Pentachlorophenol
Concen: 0.547 ng/ul
RT: 16.741 min Scan# 3046
Delta R.T. -0.009 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

Tgt Ion:266 Resp: 1853
Ion Ratio Lower Upper
266 100
264 62.2 49.6 74.4
268 64.0 49.4 74.0





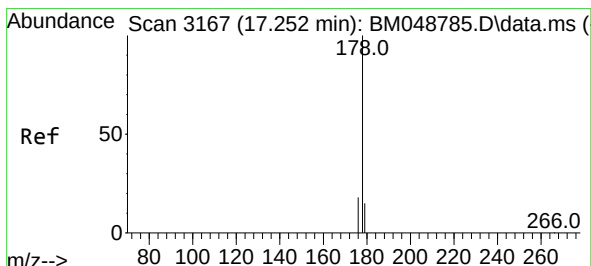
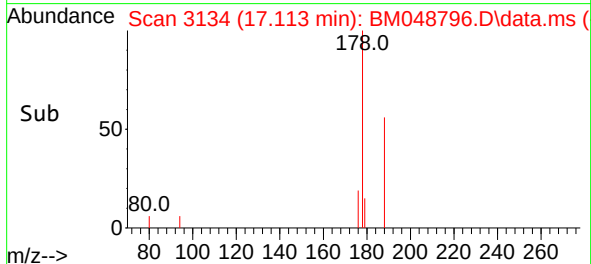
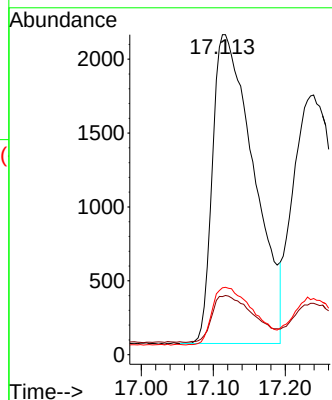
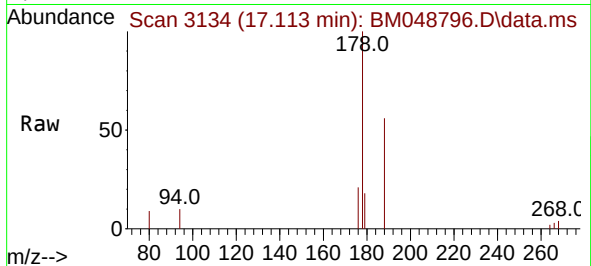
#15
Phenanthrene
Concen: 0.343 ng/u1
RT: 17.113 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

Instrument :
BNA_M
ClientSampleId :
SLCS036

Tgt Ion:178 Resp: 832
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.0
176 20.9 16.2 24.2

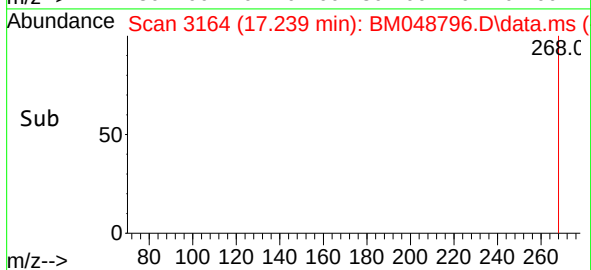
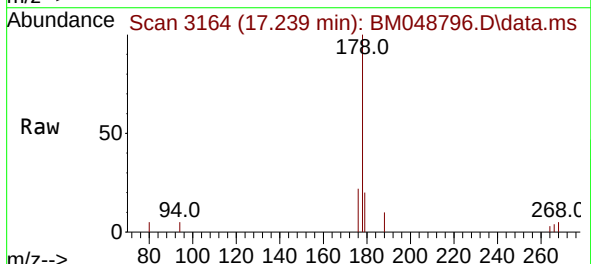
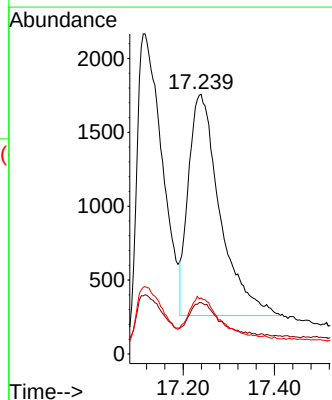
Manual Integrations
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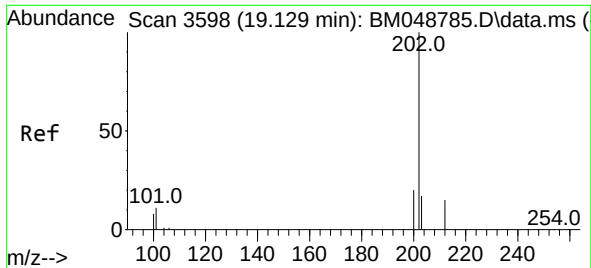
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#16
Anthracene
Concen: 0.318 ng/u1
RT: 17.239 min Scan# 3164
Delta R.T. 0.008 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

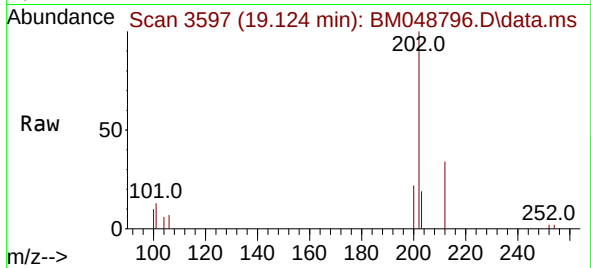
Tgt Ion:178 Resp: 7180
Ion Ratio Lower Upper
178 100
179 19.8 13.7 20.5
176 21.6 15.9 23.9





#19
Fluoranthene
Concen: 0.397 ng/u1
RT: 19.124 min Scan# 3598
Delta R.T. 0.004 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

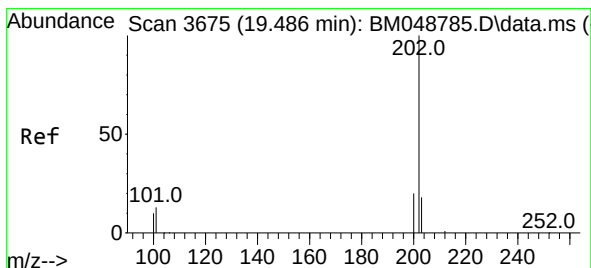
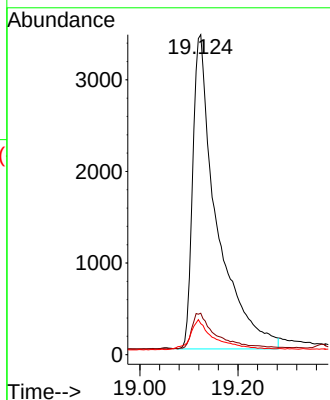
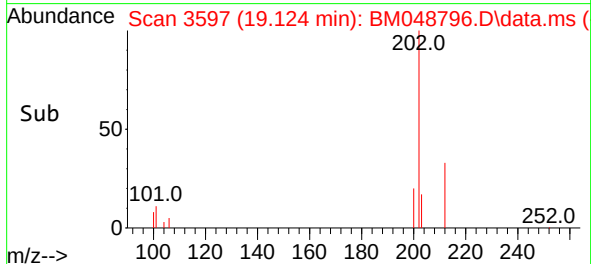
Instrument :
BNA_M
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SLCS036



Tgt Ion:202 Resp: 1164
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.4
100 9.7 7.3 10.9

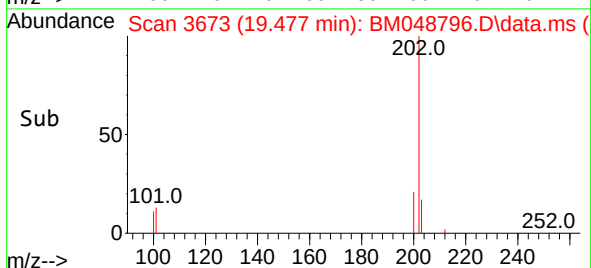
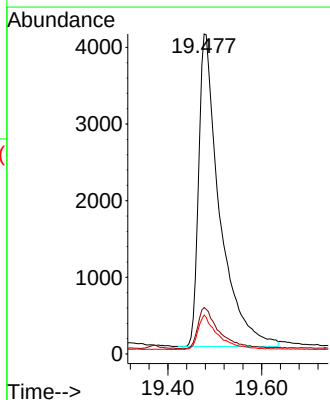
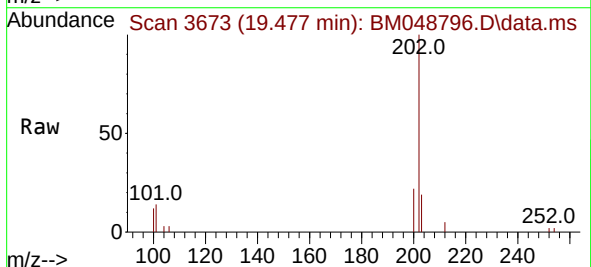
Manual Integrations
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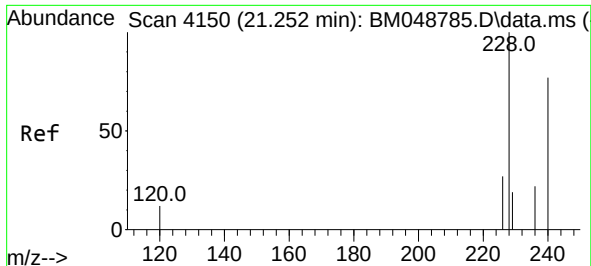
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#20
Pyrene
Concen: 0.397 ng/u1
RT: 19.477 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

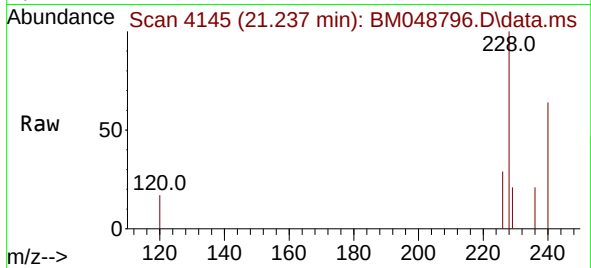
Tgt Ion:202 Resp: 12638
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.2
100 12.1 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.237 min Scan# 4150
Delta R.T. -0.003 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

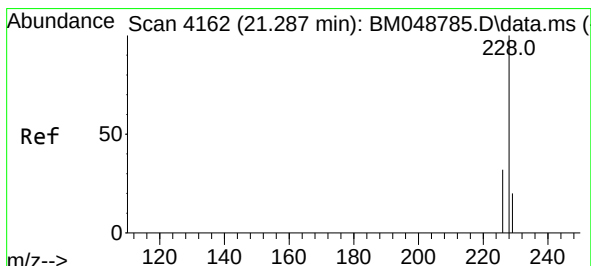
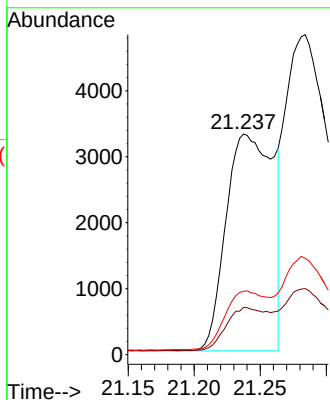
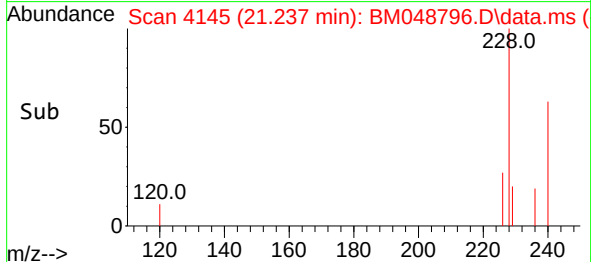
Instrument :
BNA_M
ClientSampleId :
SLCS036



Tgt Ion:228 Resp: 818
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 28.7 22.1 33.1

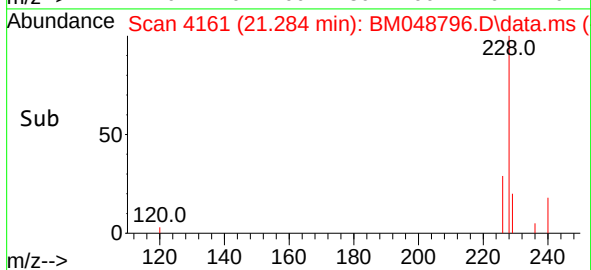
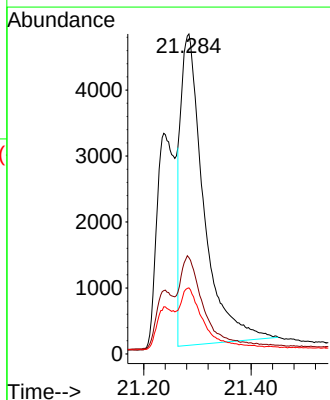
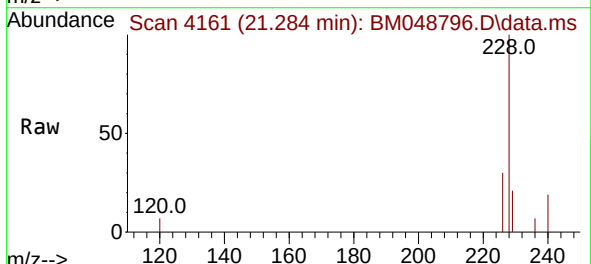
Manual Integrations
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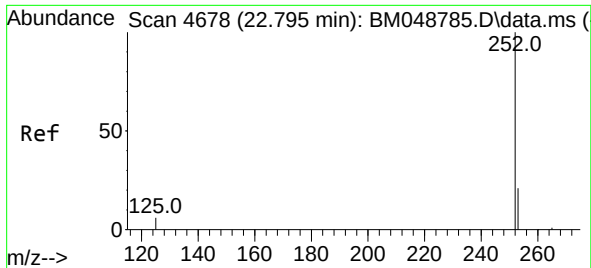
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.284 min Scan# 4161
Delta R.T. 0.006 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

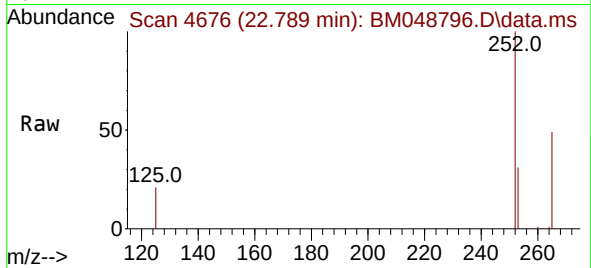
Tgt Ion:228 Resp: 14044
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.7 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.789 min Scan# 4676
Delta R.T. 0.006 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

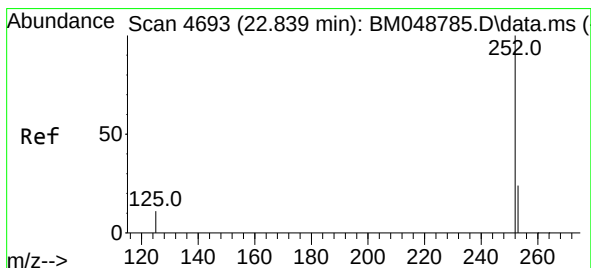
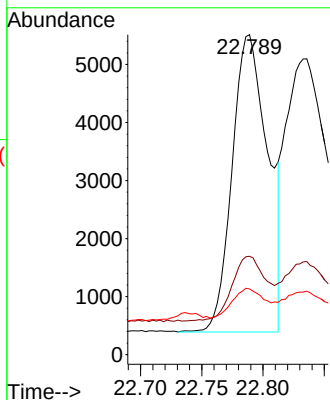
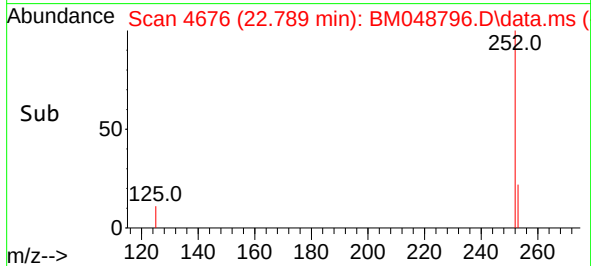
Instrument :
BNA_M
ClientSampleId :
SLCS036



Tgt Ion:252 Resp: 10392
Ion Ratio Lower Upper
252 100
253 30.8 0.0 61.6
125 20.5 0.0 43.2

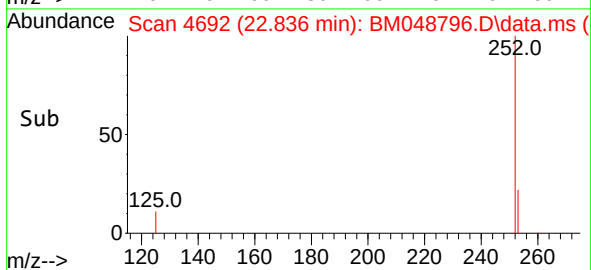
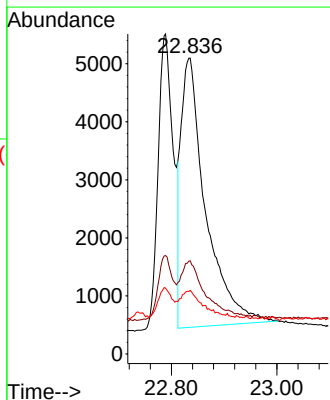
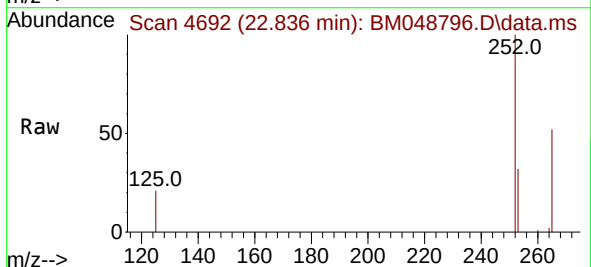
Manual Integrations
APPROVED

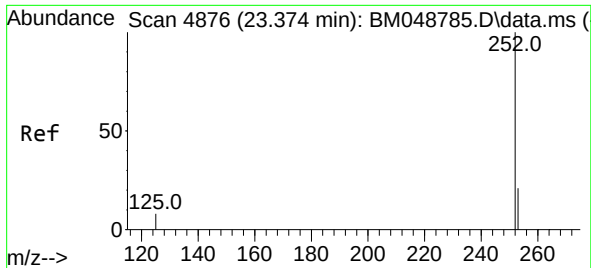
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#25
Benzo(k)fluoranthene
Concen: 0.450 ng/ul
RT: 22.836 min Scan# 4692
Delta R.T. 0.009 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

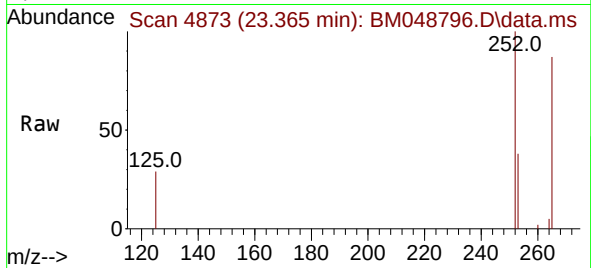
Tgt Ion:252 Resp: 15022
Ion Ratio Lower Upper
252 100
253 31.5 25.0 37.4
125 21.5 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.365 min Scan# 4876
Delta R.T. 0.006 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

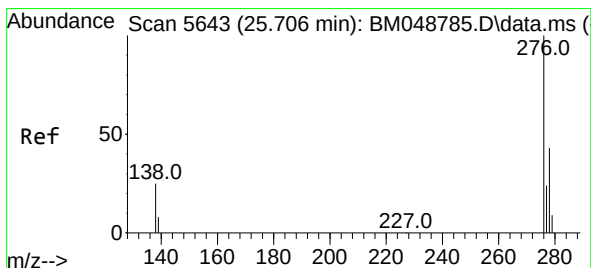
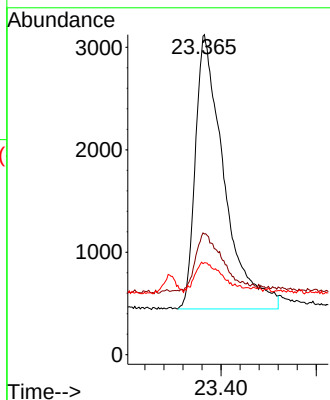
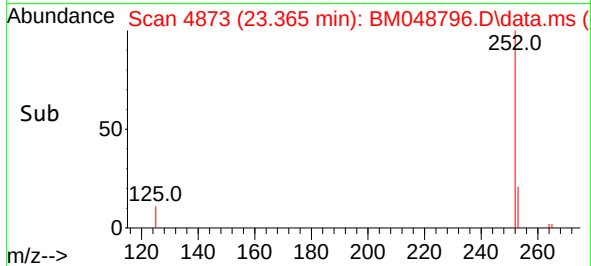
Instrument :
BNA_M
ClientSampleId :
SLCS036



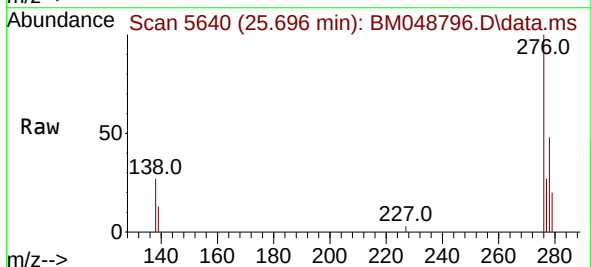
Tgt Ion:252 Resp: 11178
Ion Ratio Lower Upper
252 100
253 37.7 29.6 44.4
125 28.7 23.9 35.9

Manual Integrations
APPROVED

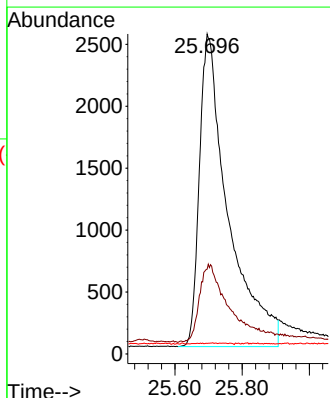
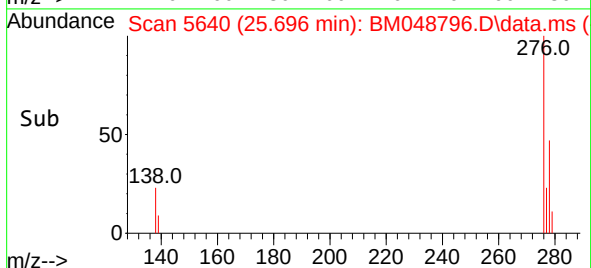
Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

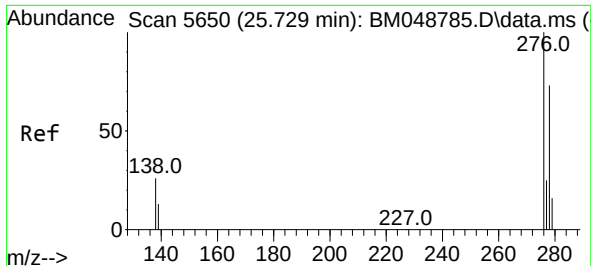


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 25.696 min Scan# 5640
Delta R.T. -0.000 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30



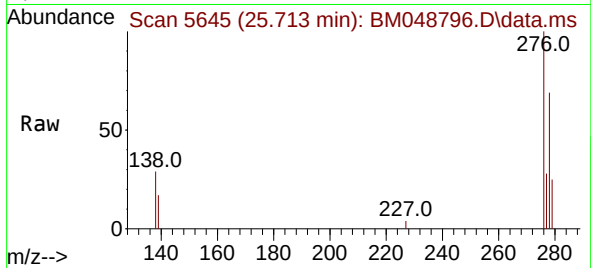
Tgt Ion:276 Resp: 14938
Ion Ratio Lower Upper
276 100
138 26.1 20.1 30.1
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 25.713 min Scan# 5645
Delta R.T. 0.003 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30

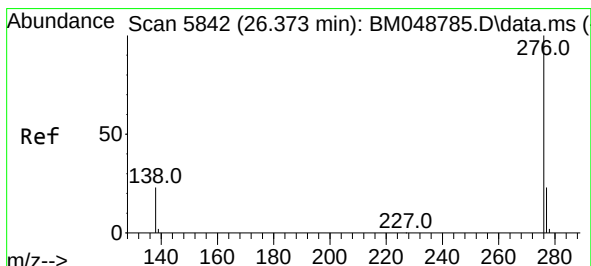
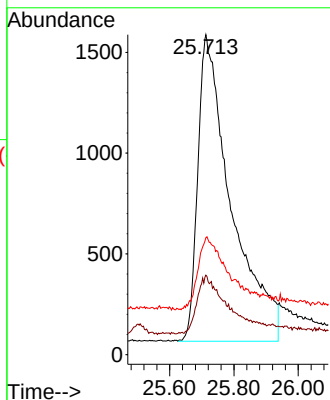
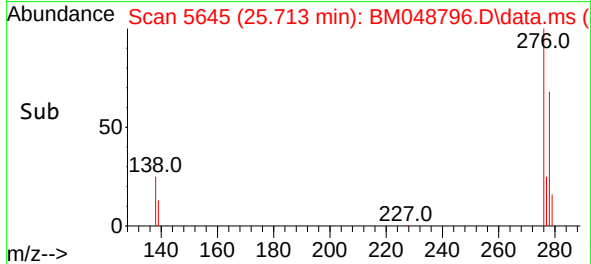
Instrument :
BNA_M
ClientSampleId :
SLCS036



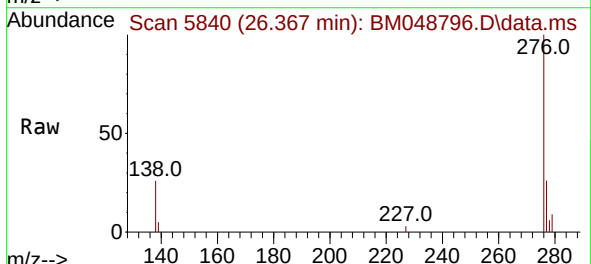
Tgt Ion: 278 Resp: 1096
Ion Ratio Lower Upper
278 100
139 24.8 17.8 26.8
279 36.6 26.6 39.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.367 min Scan# 5840
Delta R.T. 0.006 min
Lab File: BM048796.D
Acq: 19 Nov 2024 03:30



Tgt Ion: 276 Resp: 13270
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.6
277 26.2 20.5 30.7

