

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032997.D
 Acq On : 11 Nov 2021 19:40
 Operator : CG/JU
 Sample : PB140388BS
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS388

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 03:15:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:40:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	1919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.230	136	7661	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	4951	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	10314	0.400	ng/ul	0.00
17) Chrysene-d12	21.049	240	7807	0.400	ng/ul	# 0.00
23) Perylene-d12	23.159	264	6404	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.864	96	1478	0.603	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.831	152	3602	0.331	ng/ul	0.00
18) Fluoranthene-d10	18.888	212	8421	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.895	88	4069	1.617	ng/ul	92
5) Naphthalene	10.280	128	6842	0.308	ng/ul	99
7) 2-Methylnaphthalene	11.903	142	4740	0.308	ng/ul	99
8) 1-Methylnaphthalene	12.128	142	4561	0.302	ng/ul	99
10) Acenaphthylene	13.833	152	7143	0.332	ng/ul	99
11) Acenaphthene	14.178	153	5560	0.296	ng/ul	99
12) Fluorene	15.168	166	6366	0.287	ng/ul	98
14) Pentachlorophenol	16.532	266	1946	0.724	ng/ul	98
15) Phenanthrene	16.900	178	9898	0.289	ng/ul	100
16) Anthracene	16.990	178	9155	0.304	ng/ul	99
19) Fluoranthene	18.919	202	11731	0.320	ng/ul	99
20) Pyrene	19.285	202	12228	0.321	ng/ul	99
21) Benzo(a)anthracene	21.033	228	9177	0.318	ng/ul	98
22) Chrysene	21.086	228	9813	0.302	ng/ul	100
24) Benzo(b)fluoranthene	22.536	252	8185	0.279	ng/ul	92
25) Benzo(k)fluoranthene	22.575	252	8773m	0.279	ng/ul	
26) Benzo(a)pyrene	23.064	252	7048	0.291	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.218	276	8438	0.303	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.220	278	6750	0.306	ng/ul	93
29) Benzo(g,h,i)perylene	25.848	276	7184	0.297	ng/ul	94

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

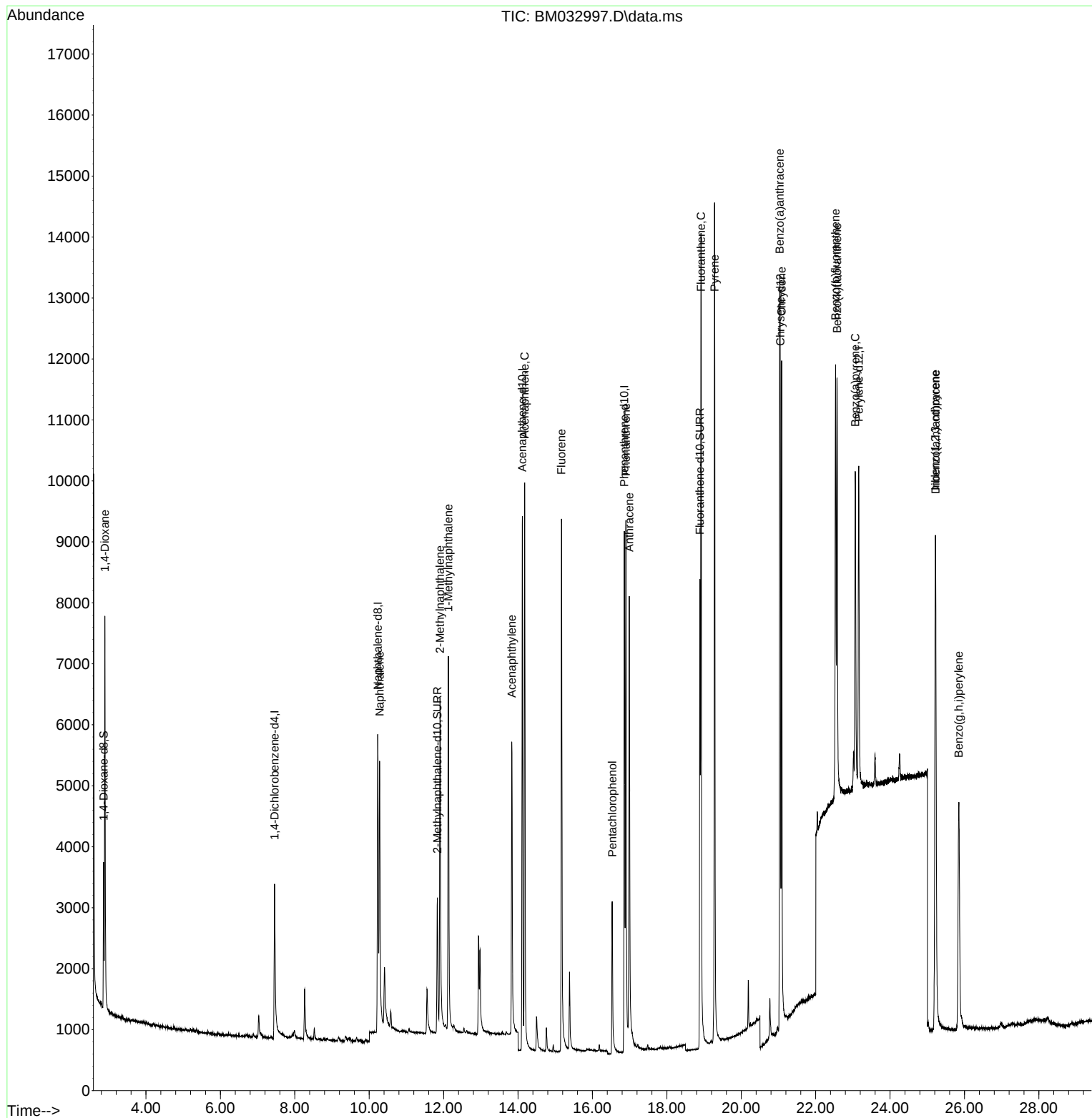
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032997.D
Acq On : 11 Nov 2021 19:40
Operator : CG/JU
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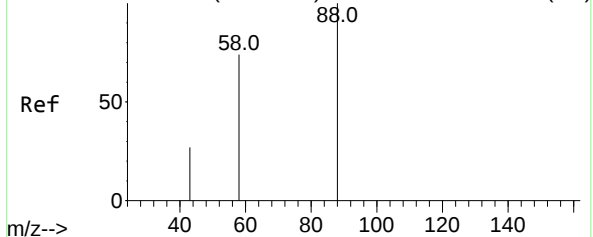
Quant Time: Nov 12 03:15:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Abundance Scan 91 (2.898 min): BM032993.D\data.ms (-84)



#2

1,4-Dioxane

Concen: 1.617 ng/ul

RT: 2.895 min Scan# 90

Delta R.T. -0.003 min

Lab File: BM032997.D

Acq: 11 Nov 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS388

Tgt Ion: 88 Resp: 4069

Ion Ratio Lower Upper

88 100

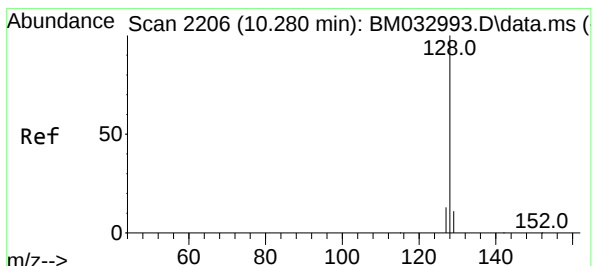
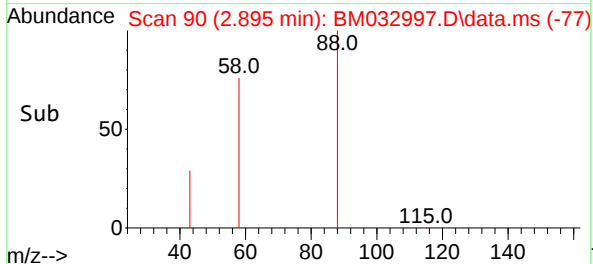
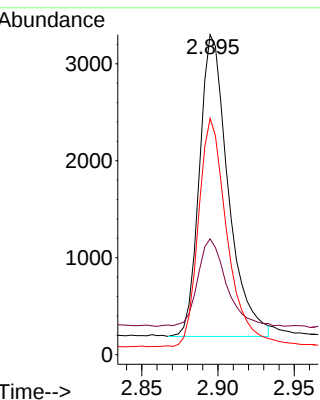
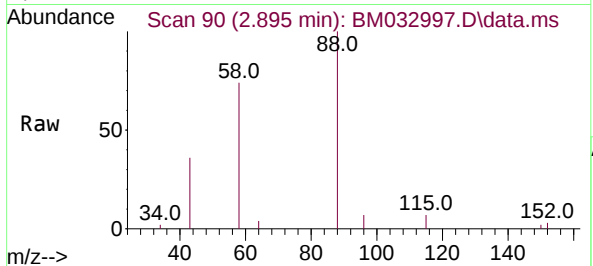
43 36.2 35.8 53.8

58 73.8 55.8 83.8

Manual Integrations

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#5

Naphthalene

Concen: 0.308 ng/ul

RT: 10.280 min Scan# 2206

Delta R.T. 0.001 min

Lab File: BM032997.D

Acq: 11 Nov 2021 19:40

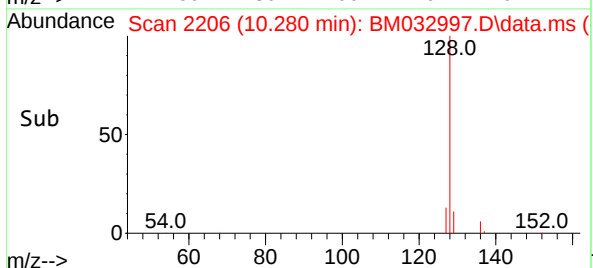
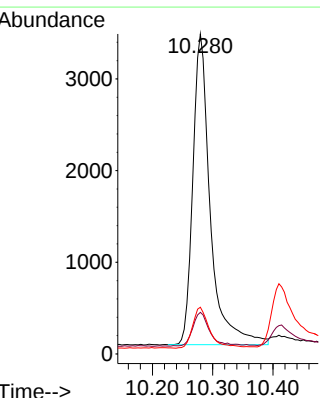
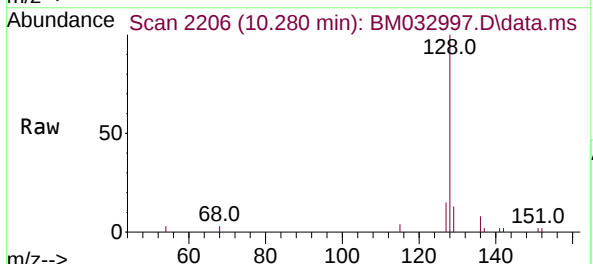
Tgt Ion:128 Resp: 6842

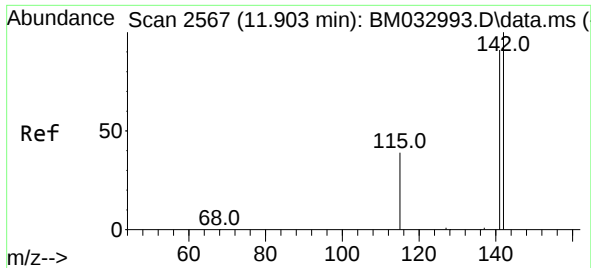
Ion Ratio Lower Upper

128 100

129 13.0 9.8 14.6

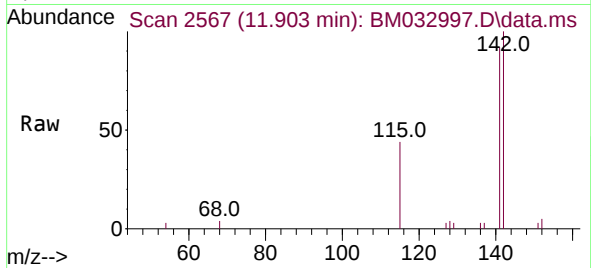
127 14.6 11.8 17.8





#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 11.903 min Scan# 2567
Delta R.T. -0.004 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

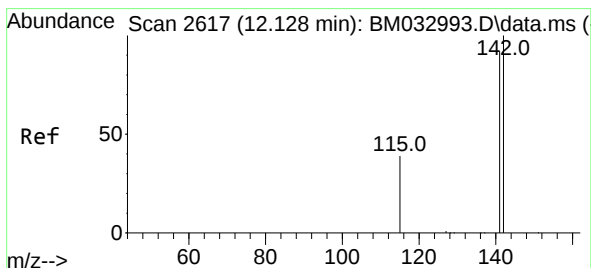
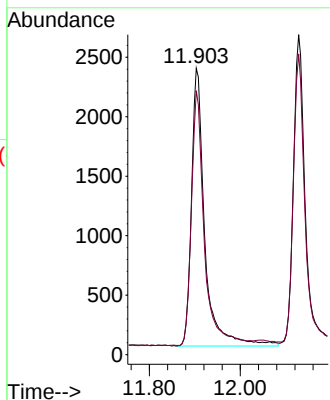
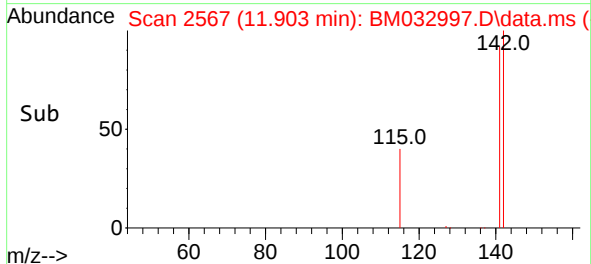
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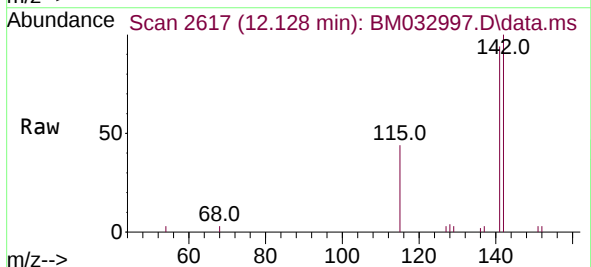
Tgt Ion:142 Resp: 4740
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9

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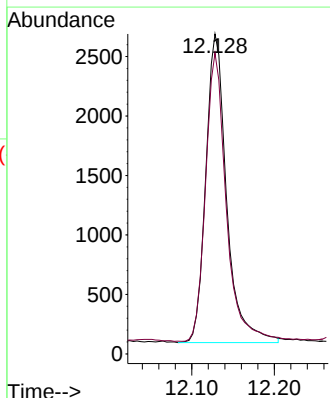
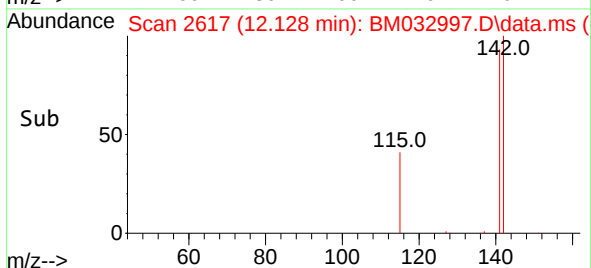
Reviewed By :Jagrut Upadhyay 11/12/2021
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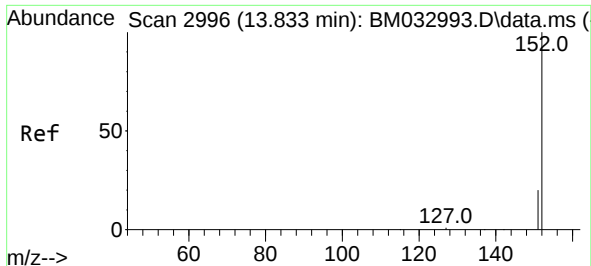


#8
1-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.128 min Scan# 2617
Delta R.T. 0.001 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40



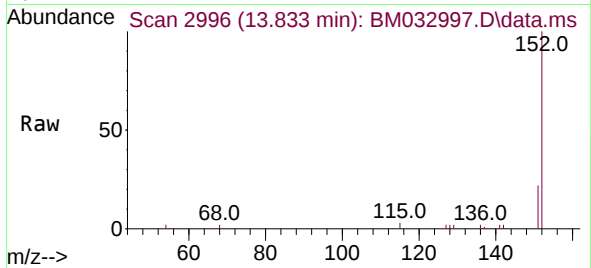
Tgt Ion:142 Resp: 4561
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7





#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 13.833 min Scan# 2996
Delta R.T. -0.004 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

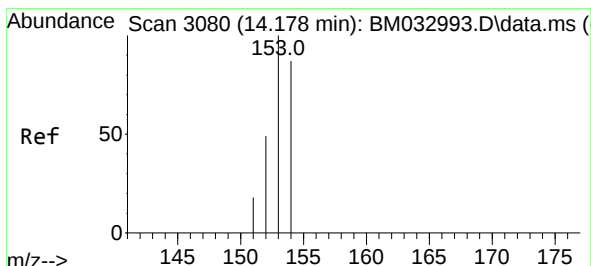
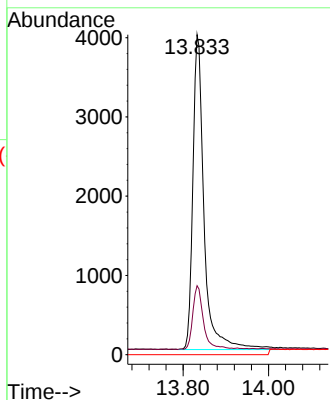
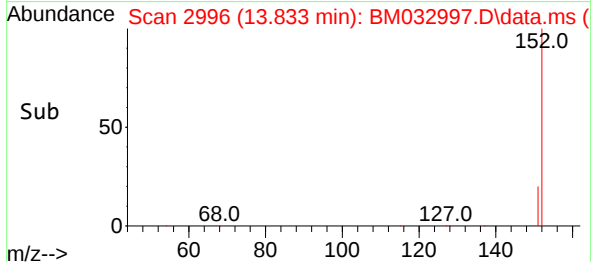
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Tgt Ion:152 Resp: 714
Ion Ratio Lower Upper
152 100
151 21.6 16.7 25.1
153 0.0 0.0 0.0

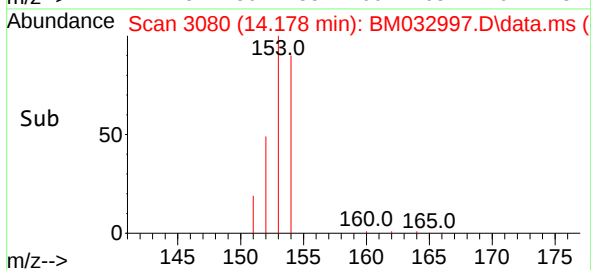
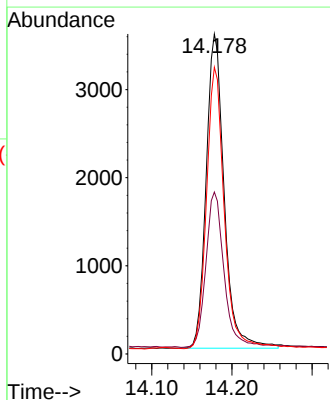
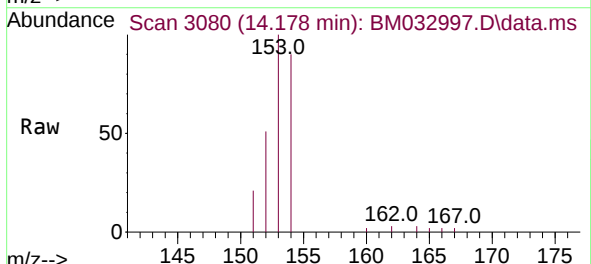
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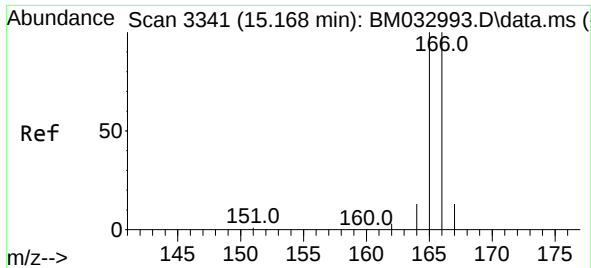
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.178 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

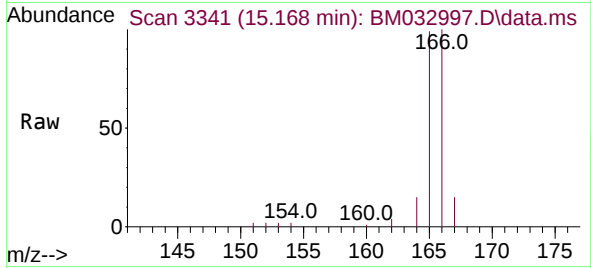
Tgt Ion:153 Resp: 5560
Ion Ratio Lower Upper
153 100
152 50.6 40.6 60.8
154 89.6 70.8 106.2





#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.168 min Scan# 3341
Delta R.T. -0.004 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

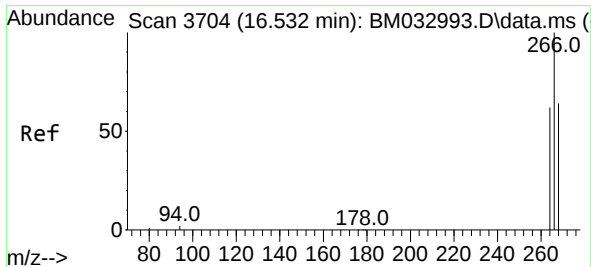
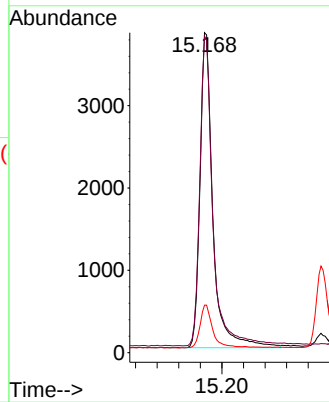
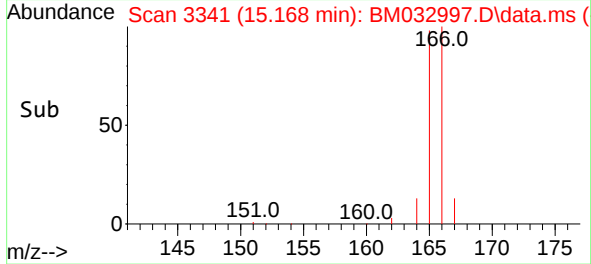
Instrument :
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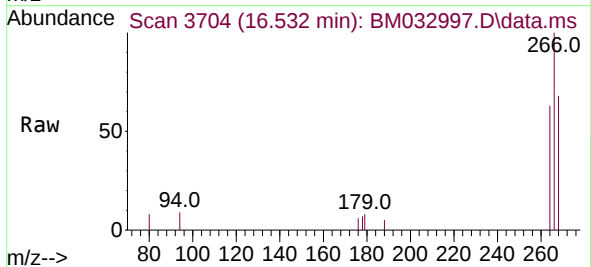
Tgt Ion:166 Resp: 6360
Ion Ratio Lower Upper
166 100
165 99.0 80.8 121.2
167 14.8 11.7 17.5

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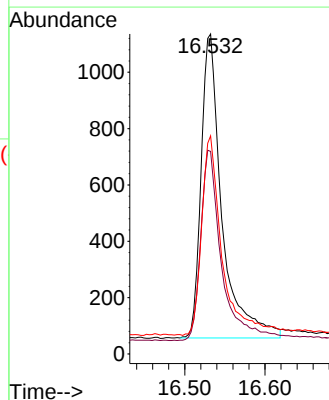
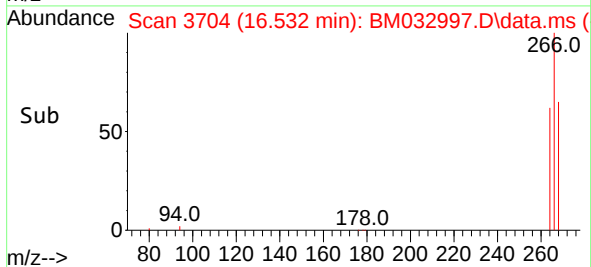
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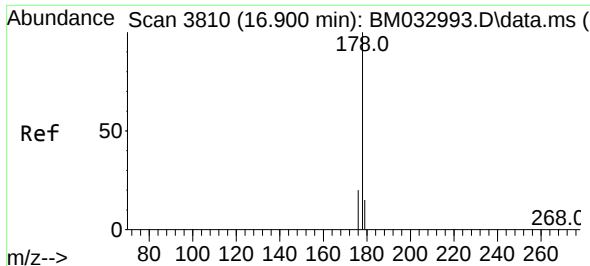


#14
Pentachlorophenol
Concen: 0.724 ng/ul
RT: 16.532 min Scan# 3704
Delta R.T. 0.000 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40



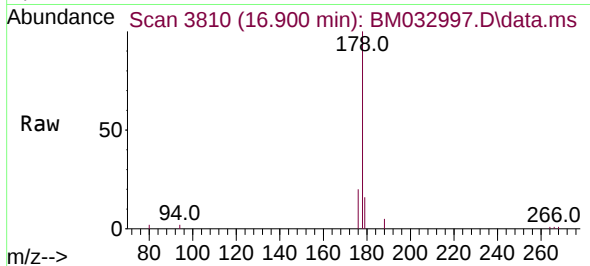
Tgt Ion:266 Resp: 1946
Ion Ratio Lower Upper
266 100
264 62.7 51.2 76.8
268 64.7 52.9 79.3





#15
Phenanthrene
Concen: 0.289 ng/u1
RT: 16.900 min Scan# 3810
Delta R.T. 0.000 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

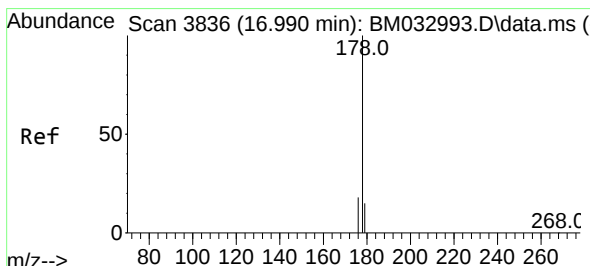
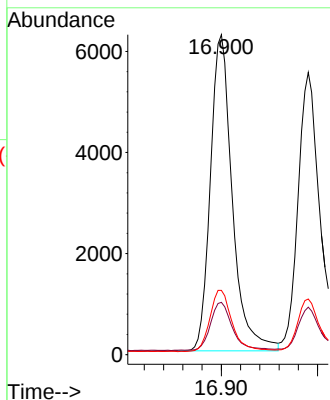
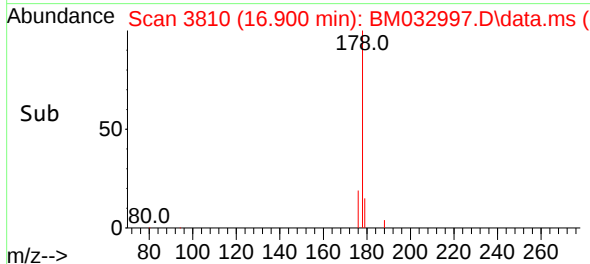
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 989
Ion Ratio Lower Upper
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179 16.4 12.9 19.3
176 20.1 16.0 24.0

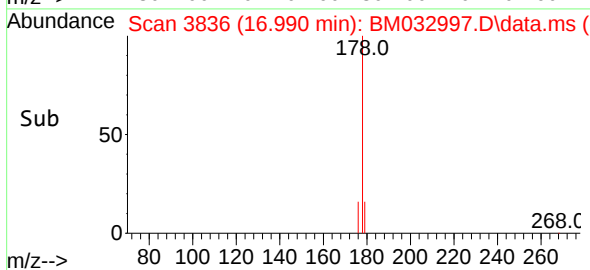
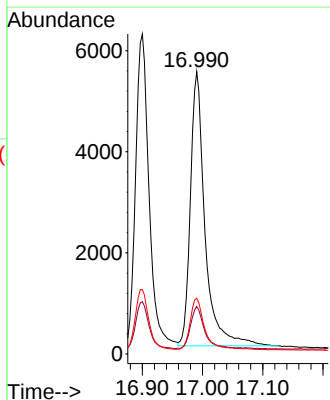
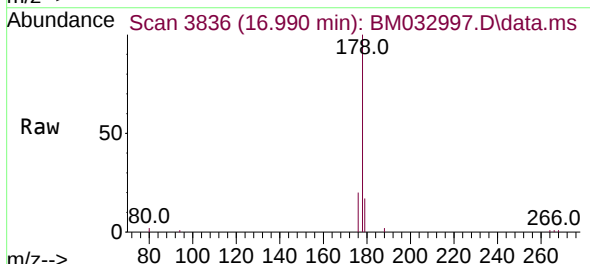
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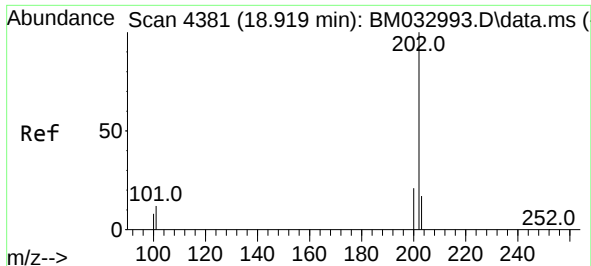
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#16
Anthracene
Concen: 0.304 ng/u1
RT: 16.990 min Scan# 3836
Delta R.T. 0.000 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

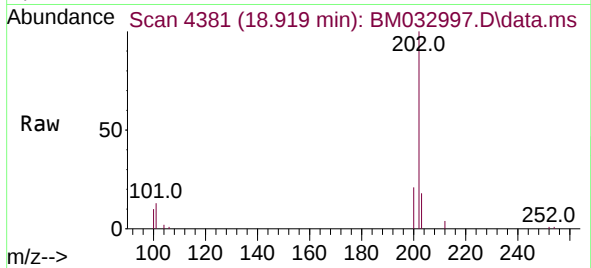
Tgt Ion:178 Resp: 9155
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 19.8 15.6 23.4





#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 18.919 min Scan# 4381
Delta R.T. 0.000 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

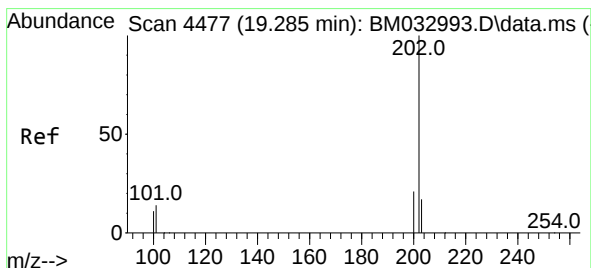
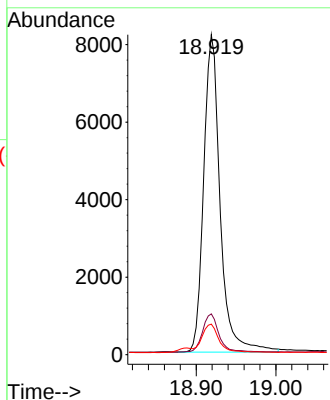
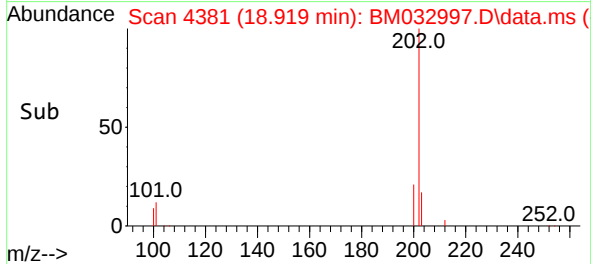
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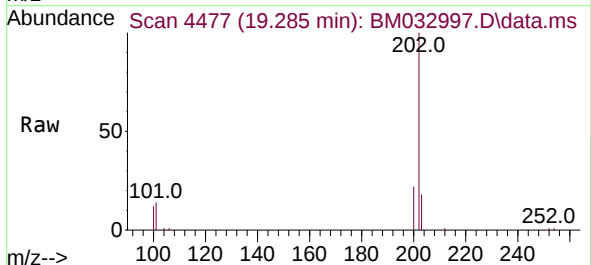
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Ion Ratio Lower Upper
202 100
101 12.8 9.9 14.9
100 9.5 7.3 10.9

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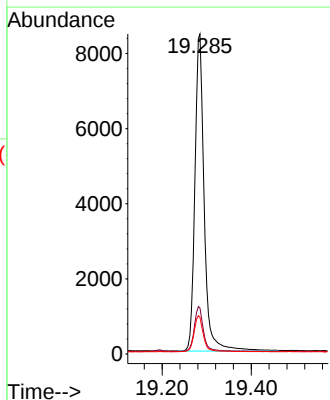
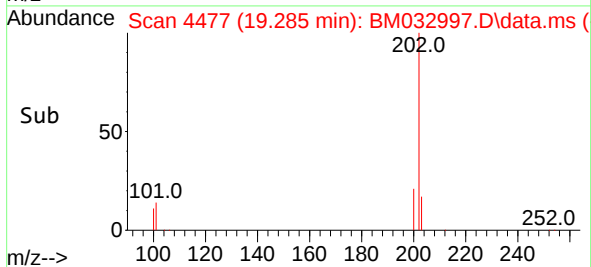
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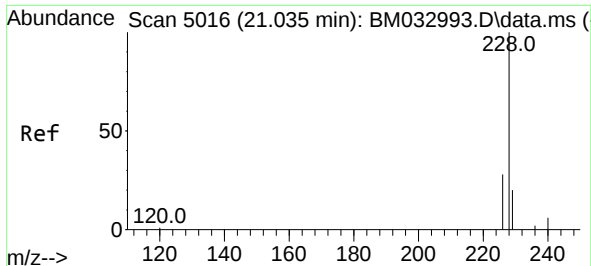


#20
Pyrene
Concen: 0.321 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. 0.004 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40



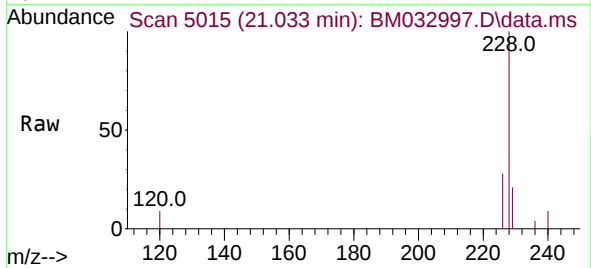
Tgt Ion:202 Resp: 12228
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.5 9.5 14.3





#21
Benzo(a)anthracene
Concen: 0.318 ng/u1
RT: 21.033 min Scan# 5016
Delta R.T. 0.000 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

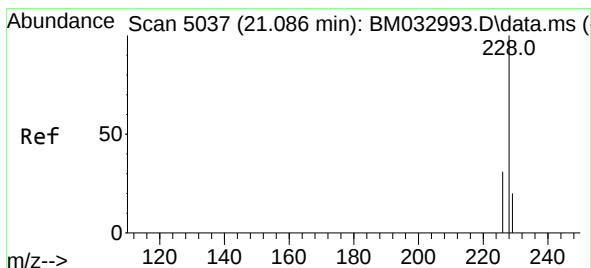
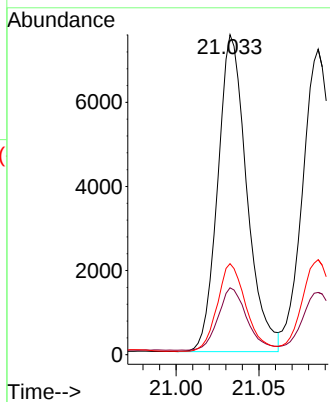
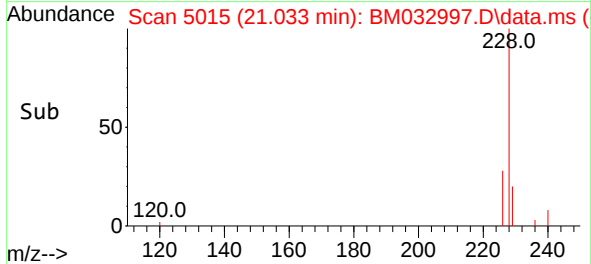
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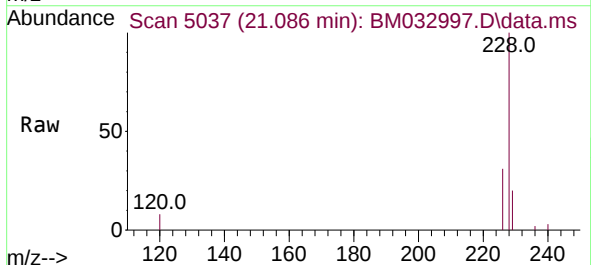
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Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.4 22.4 33.6

Manual Integrations
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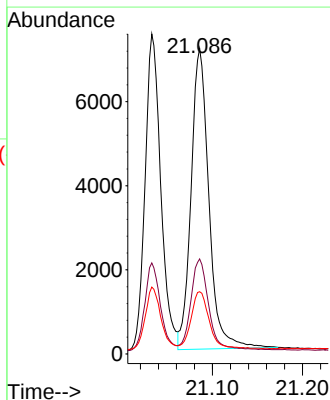
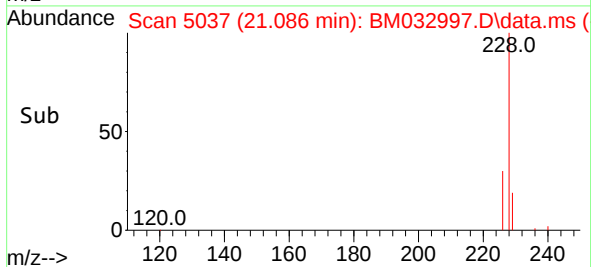
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

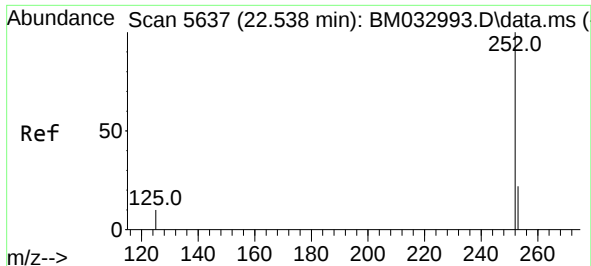


#22
Chrysene
Concen: 0.302 ng/u1
RT: 21.086 min Scan# 5037
Delta R.T. 0.003 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40



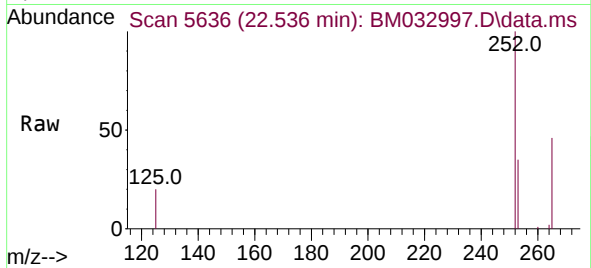
Tgt Ion:228 Resp: 9813
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 20.3 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul
RT: 22.536 min Scan# 5636
Delta R.T. 0.005 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

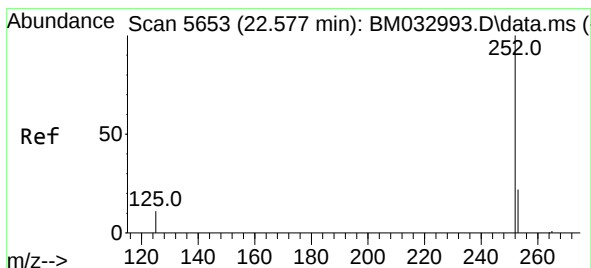
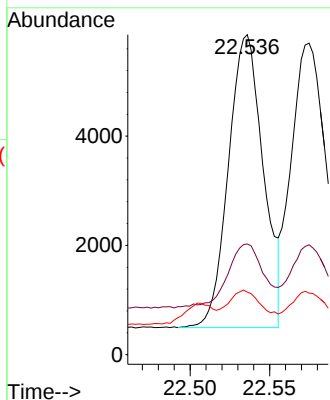
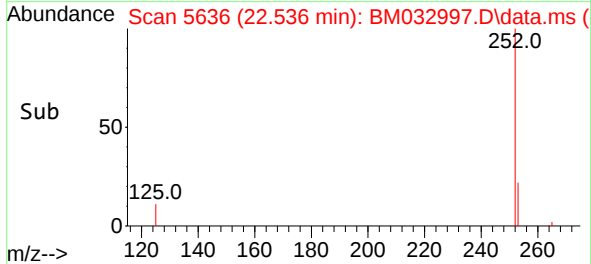
Instrument :
BNA_M
ClientSampleId :
SLCS388



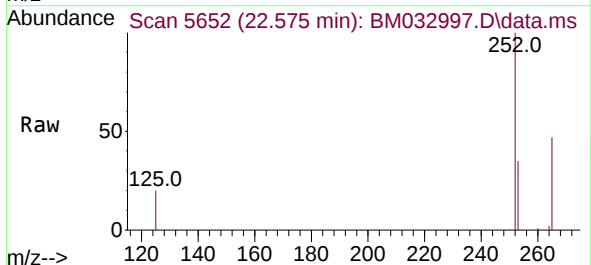
Tgt Ion:252 Resp: 8185
Ion Ratio Lower Upper
252 100
253 34.6 0.0 59.2
125 19.5 0.0 34.2

Manual Integrations
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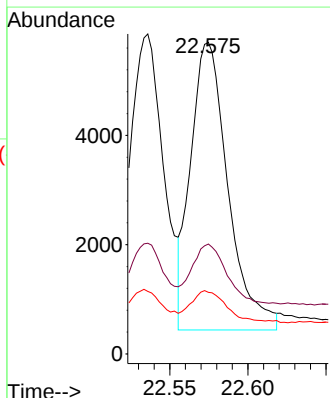
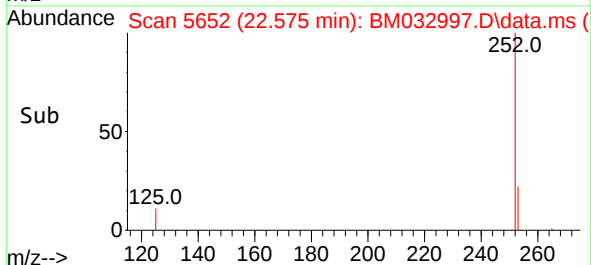
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

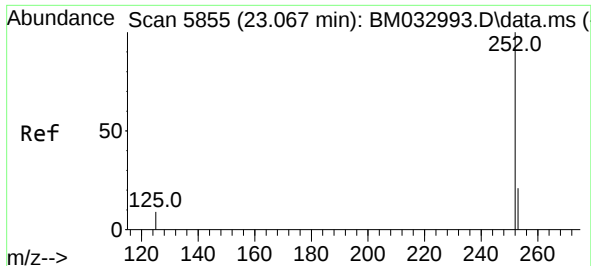


#25
Benzo(k)fluoranthene
Concen: 0.279 ng/ul m
RT: 22.575 min Scan# 5652
Delta R.T. 0.003 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40



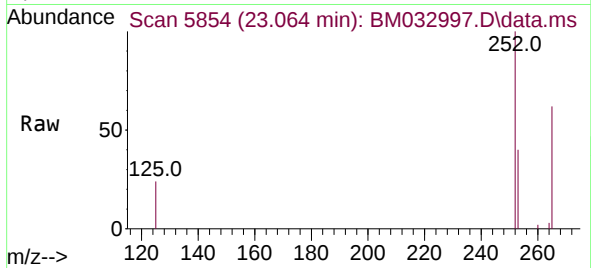
Tgt Ion:252 Resp: 8773
Ion Ratio Lower Upper
252 100
253 35.3 23.1 34.7#
125 19.8 14.6 21.8





#26
Benzo(a)pyrene
Concen: 0.291 ng/ul
RT: 23.064 min Scan# 5854
Delta R.T. 0.000 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

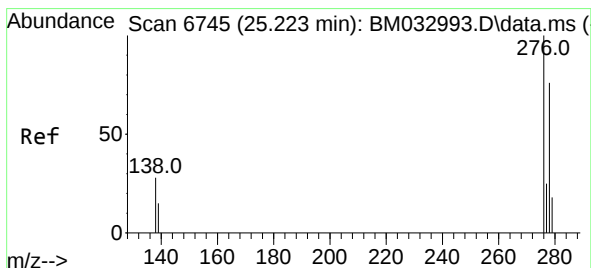
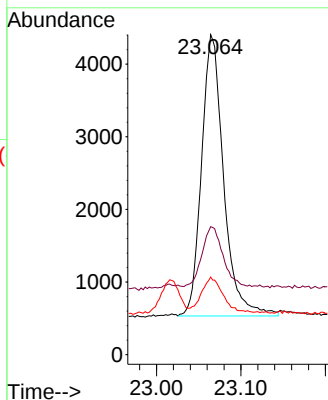
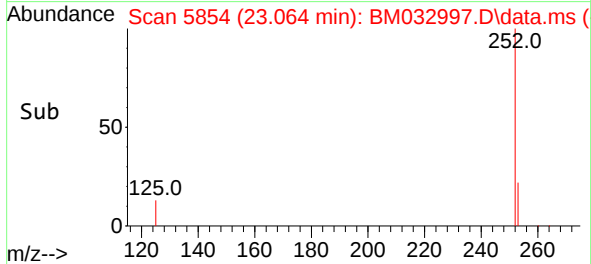
Instrument :
BNA_M
ClientSampleId :
SLCS388



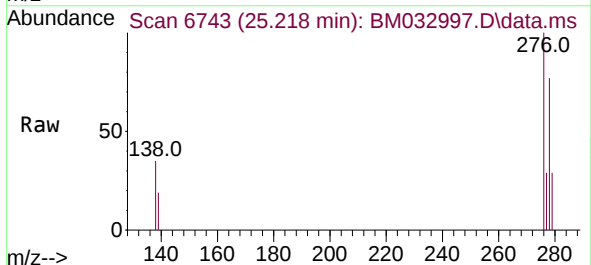
Tgt Ion:252 Resp: 7048
Ion Ratio Lower Upper
252 100
253 40.0 27.1 40.7
125 24.2 17.4 26.2

Manual Integrations
APPROVED

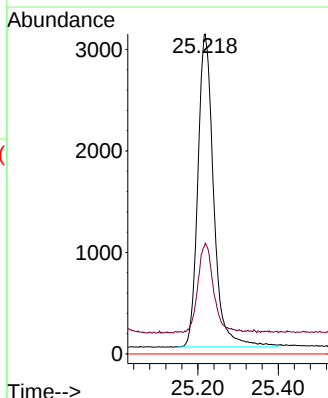
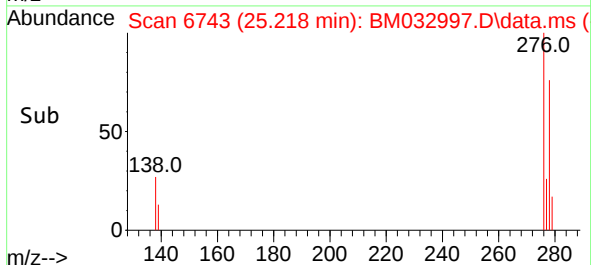
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

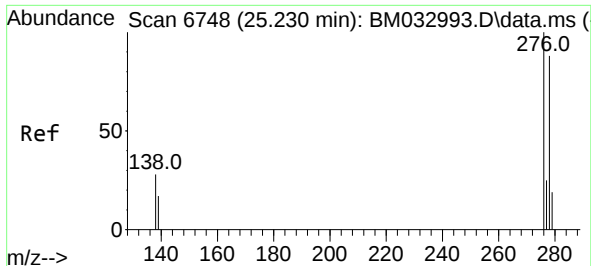


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 25.218 min Scan# 6743
Delta R.T. 0.005 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40



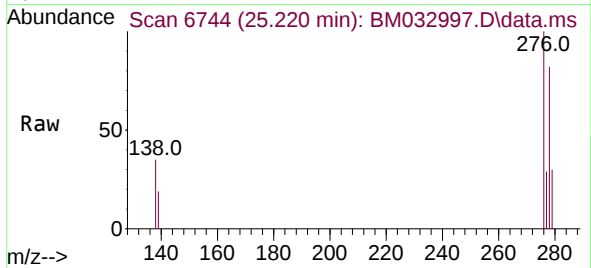
Tgt Ion:276 Resp: 8438
Ion Ratio Lower Upper
276 100
138 27.6 22.9 34.3
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul
RT: 25.220 min Scan# 6750
Delta R.T. 0.000 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40

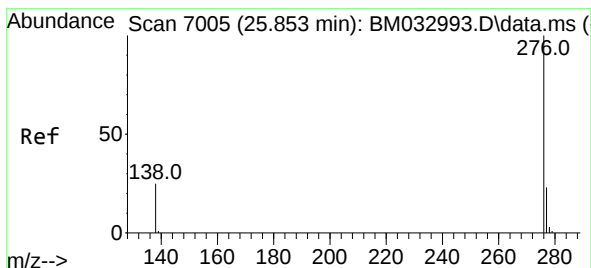
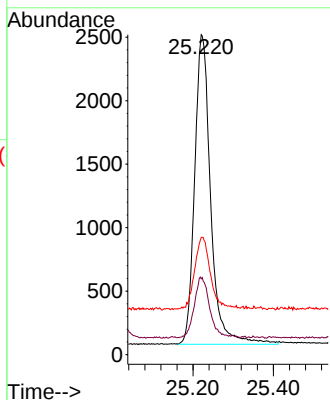
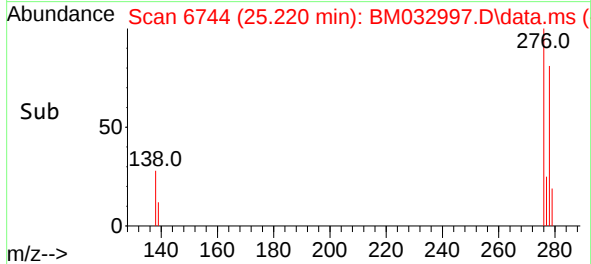
Instrument :
BNA_M
ClientSampleId :
SLCS388



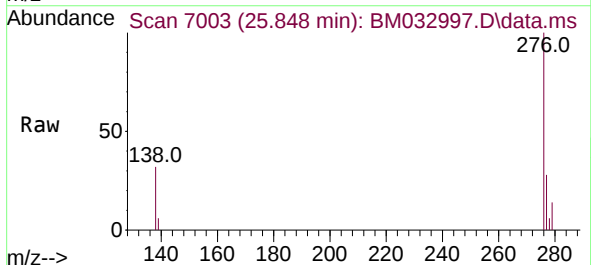
Tgt Ion:278 Resp: 6750
Ion Ratio Lower Upper
278 100
139 23.7 18.2 27.2
279 36.7 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#29
Benzo(g,h,i)perylene
Concen: 0.297 ng/ul
RT: 25.848 min Scan# 7003
Delta R.T. 0.005 min
Lab File: BM032997.D
Acq: 11 Nov 2021 19:40



Tgt Ion:276 Resp: 7184
Ion Ratio Lower Upper
276 100
138 31.9 22.2 33.2
277 28.1 21.0 31.4

