

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032996.D
 Acq On : 11 Nov 2021 19:04
 Operator : CG/JU
 Sample : PB140386BS
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS386

Manual Integrations
 APPROVED

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

Quant Time: Nov 12 03:14:04 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	2042	0.400	ng/ul	0.00
4) Naphthalene-d8	10.230	136	8080	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	5207	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	10893	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	8435	0.400	ng/ul	# 0.00
23) Perylene-d12	23.156	264	7094	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.860	96	1485	0.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.831	152	3766	0.328	ng/ul	0.00
18) Fluoranthene-d10	18.888	212	8828	0.345	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.895	88	4138	1.545	ng/ul#	91
5) Naphthalene	10.280	128	7171	0.306	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	4943	0.304	ng/ul	97
8) 1-Methylnaphthalene	12.128	142	4748	0.298	ng/ul	99
10) Acenaphthylene	13.833	152	7307	0.323	ng/ul	100
11) Acenaphthene	14.178	153	5806	0.294	ng/ul	100
12) Fluorene	15.168	166	6561	0.281	ng/ul	99
14) Pentachlorophenol	16.529	266	2091	0.737	ng/ul	97
15) Phenanthrene	16.900	178	10281	0.284	ng/ul	100
16) Anthracene	16.990	178	9514	0.299	ng/ul	99
19) Fluoranthene	18.919	202	12283	0.311	ng/ul	99
20) Pyrene	19.281	202	12826	0.312	ng/ul	100
21) Benzo(a)anthracene	21.033	228	9846	0.316	ng/ul	99
22) Chrysene	21.083	228	10481	0.298	ng/ul	100
24) Benzo(b)fluoranthene	22.534	252	8851	0.272	ng/ul	92
25) Benzo(k)fluoranthene	22.575	252	9705m	0.278	ng/ul	
26) Benzo(a)pyrene	23.064	252	7704	0.287	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.216	276	9020	0.292	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.220	278	7134	0.292	ng/ul	93
29) Benzo(g,h,i)perylene	25.843	276	7625	0.285	ng/ul	94

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

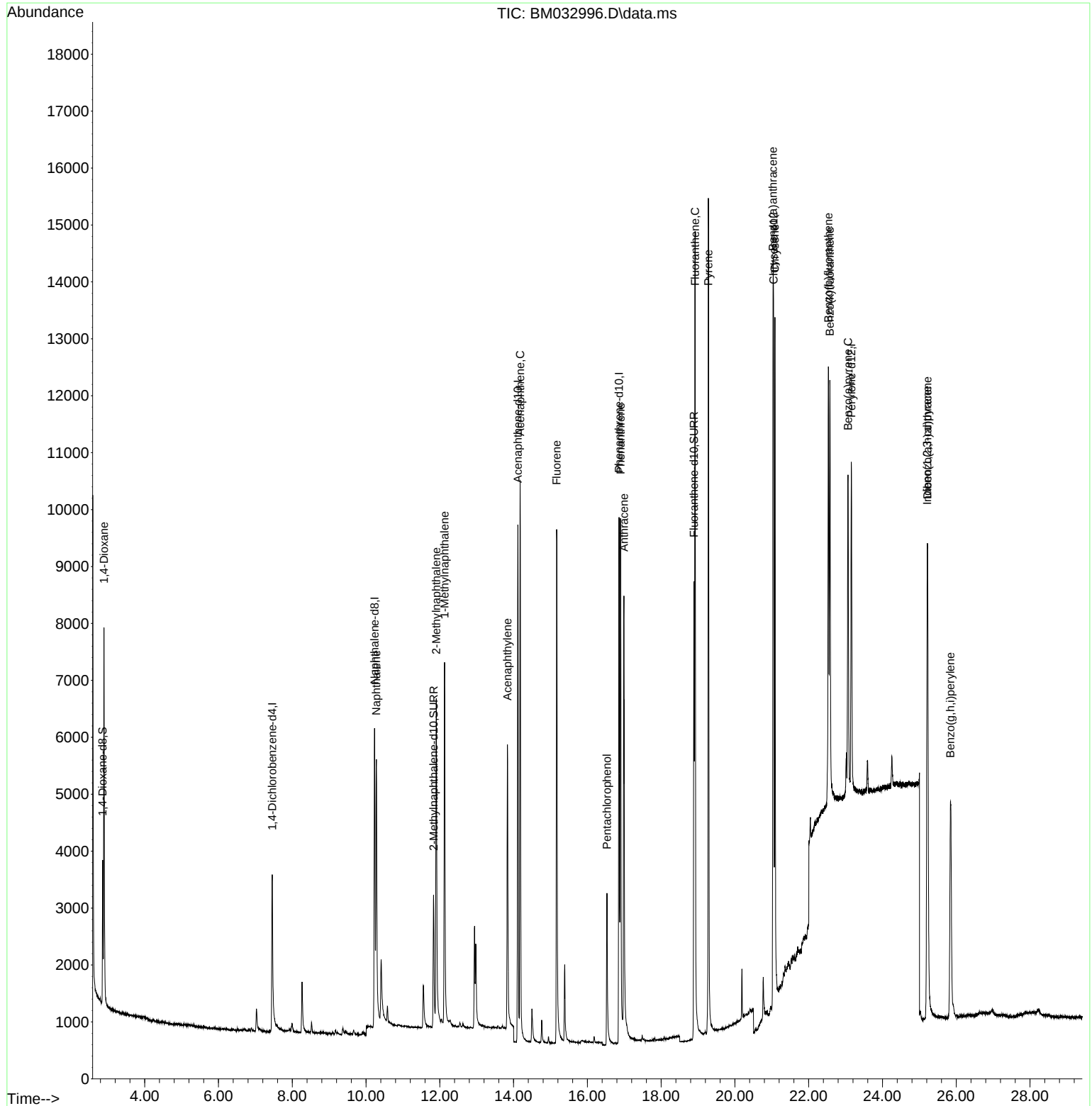
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032996.D
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Operator : CG/JU
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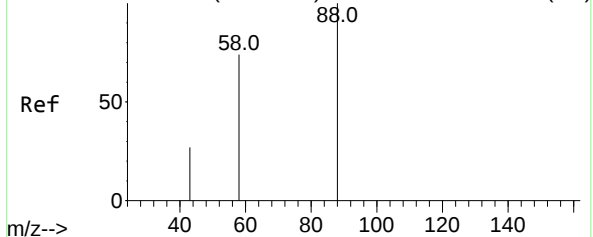
Quant Time: Nov 12 03:14:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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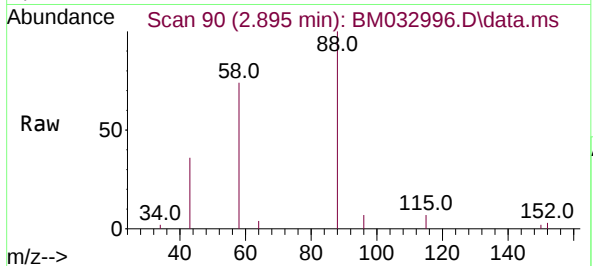


Abundance Scan 91 (2.898 min): BM032993.D\data.ms (-84)



#2
1,4-Dioxane
Concen: 1.545 ng/ul
RT: 2.895 min Scan# 90
Delta R.T. -0.003 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

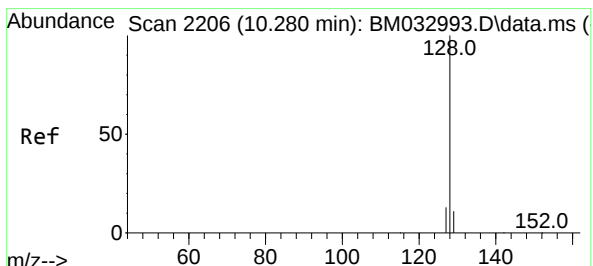
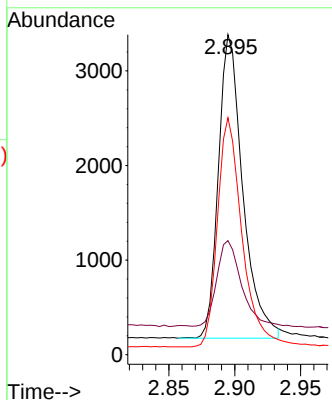
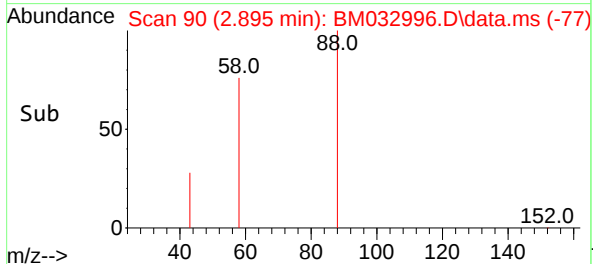
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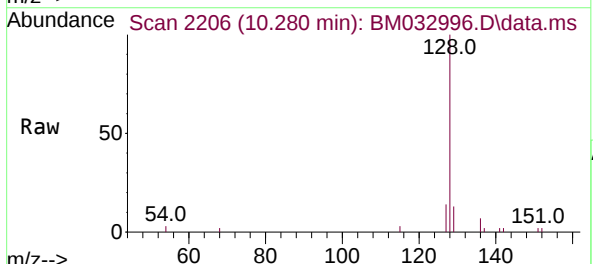
Tgt Ion: 88 Resp: 4138
Ion Ratio Lower Upper
88 100
43 35.7 35.8 53.8
58 74.0 55.8 83.8

Manual Integrations
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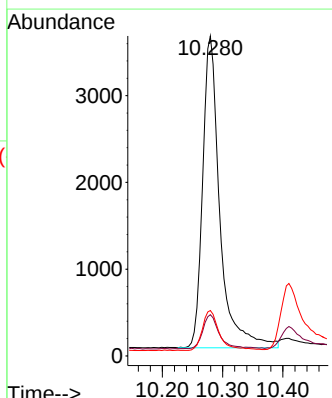
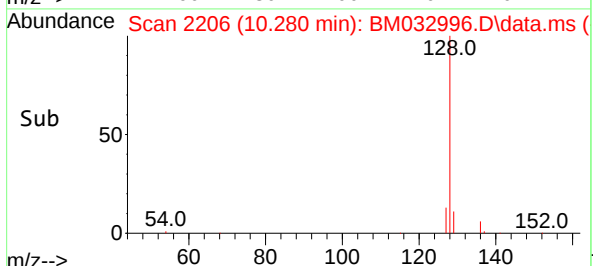
Reviewed By :Jagrut Upadhyay 11/12/2021
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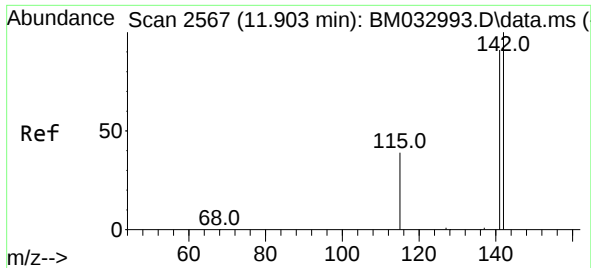


#5
Naphthalene
Concen: 0.306 ng/ul
RT: 10.280 min Scan# 2206
Delta R.T. 0.001 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04



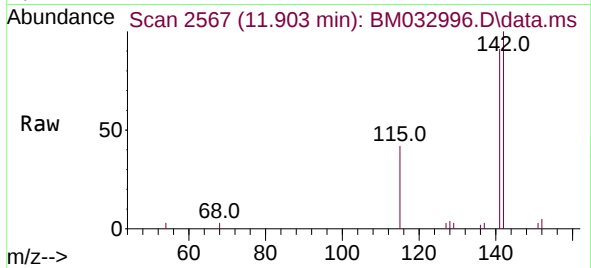
Tgt Ion:128 Resp: 7171
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.6
127 14.2 11.8 17.8





#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 11.903 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

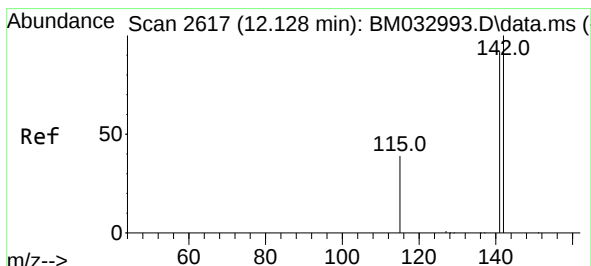
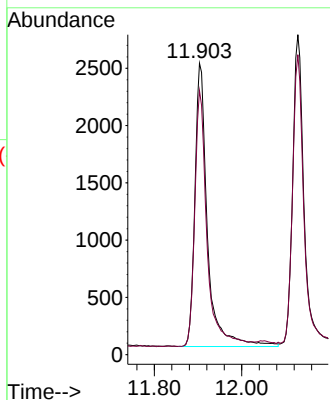
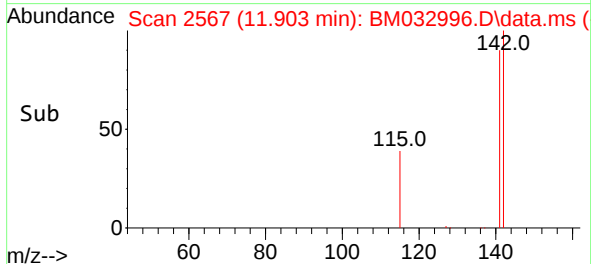
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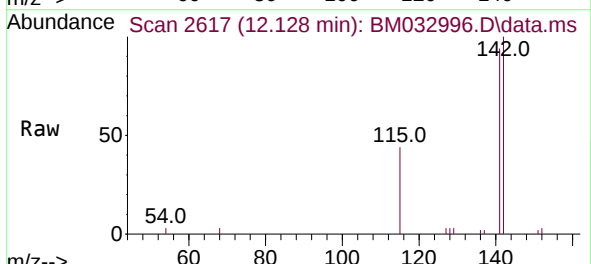
Tgt Ion:142 Resp: 494
Ion Ratio Lower Upper
142 100
141 88.7 73.3 109.9

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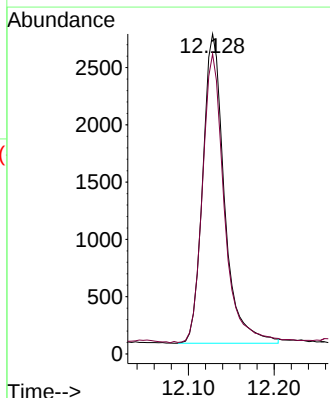
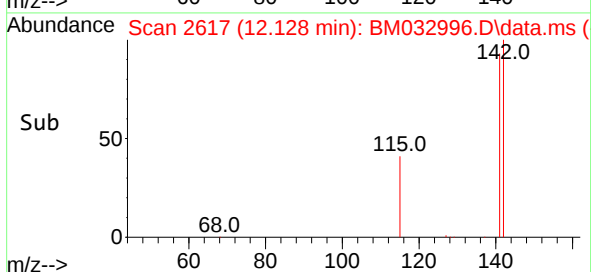
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

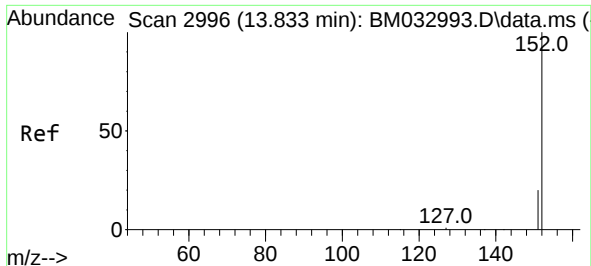


#8
1-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.128 min Scan# 2617
Delta R.T. 0.001 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04



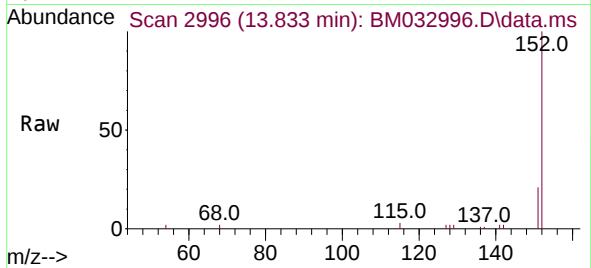
Tgt Ion:142 Resp: 4748
Ion Ratio Lower Upper
142 100
141 94.0 74.5 111.7





#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 13.833 min Scan# 2996
Delta R.T. -0.003 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

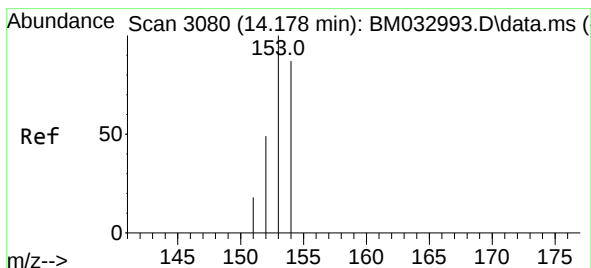
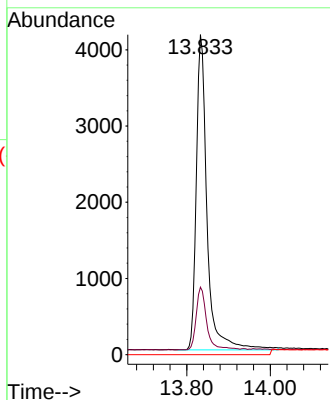
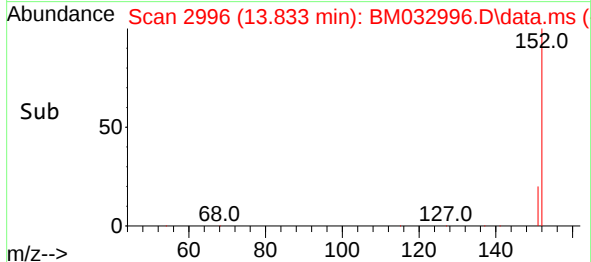
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 730
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 0.0 0.0 0.0

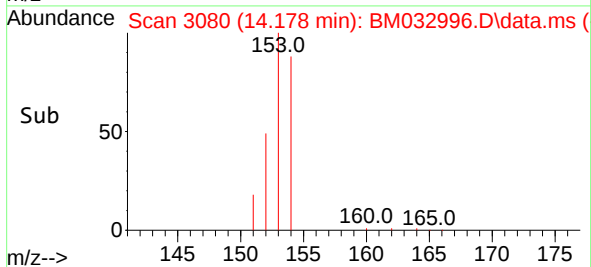
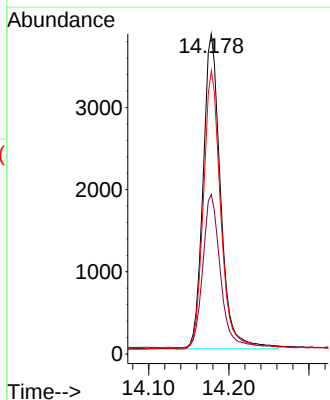
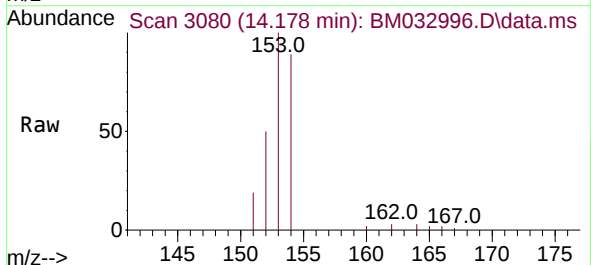
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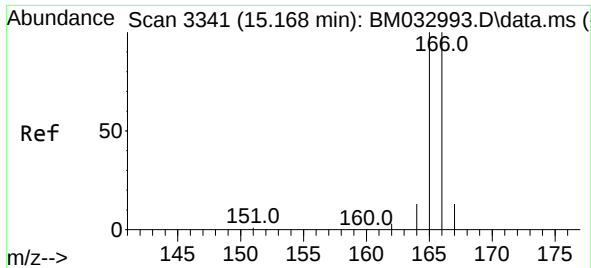
Reviewed By :Jagrut Upadhyay 11/12/2021
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#11
Acenaphthene
Concen: 0.294 ng/ul
RT: 14.178 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

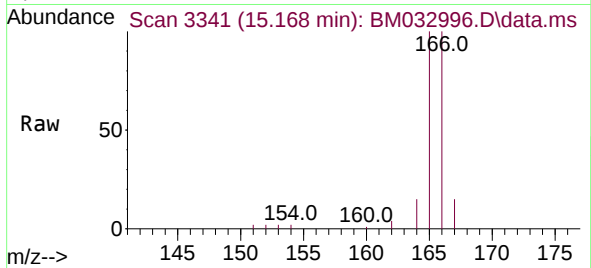
Tgt Ion:153 Resp: 5806
Ion Ratio Lower Upper
153 100
152 49.8 40.6 60.8
154 88.5 70.8 106.2





#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.168 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

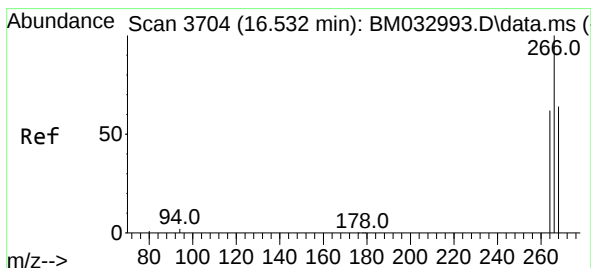
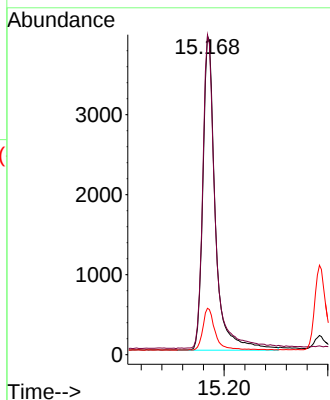
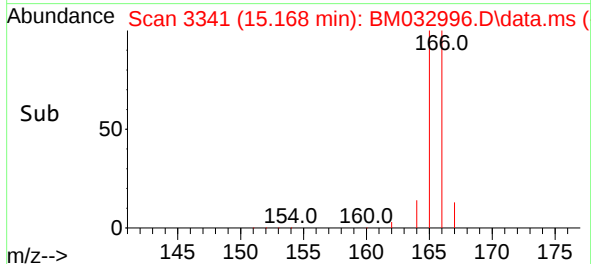
Instrument :
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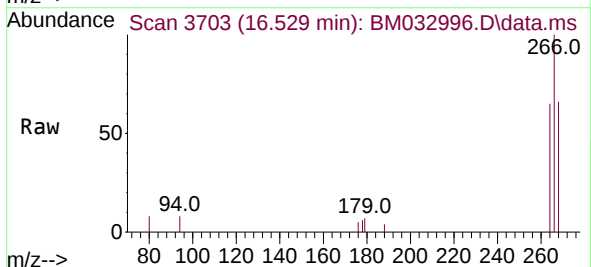
Tgt Ion:166 Resp: 656
Ion Ratio Lower Upper
166 100
165 100.4 80.8 121.2
167 14.6 11.7 17.5

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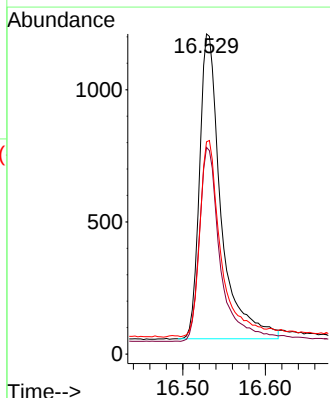
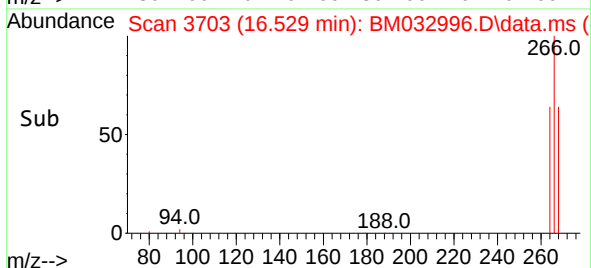
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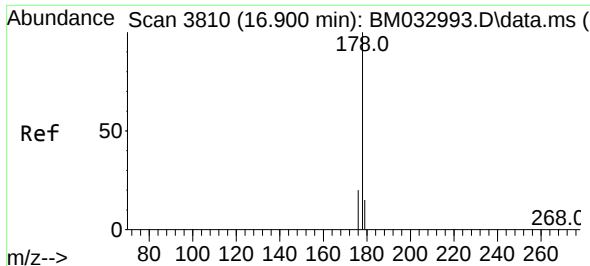


#14
Pentachlorophenol
Concen: 0.737 ng/ul
RT: 16.529 min Scan# 3703
Delta R.T. -0.003 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04



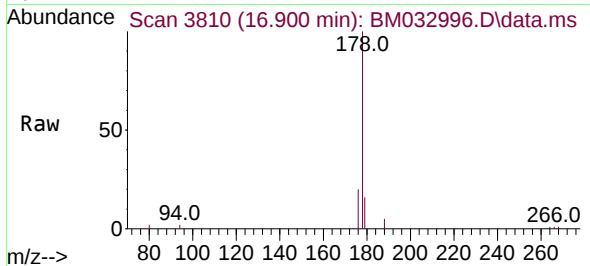
Tgt Ion:266 Resp: 2091
Ion Ratio Lower Upper
266 100
264 62.3 51.2 76.8
268 63.8 52.9 79.3





#15
Phenanthrene
Concen: 0.284 ng/u1
RT: 16.900 min Scan# 3810
Delta R.T. 0.000 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

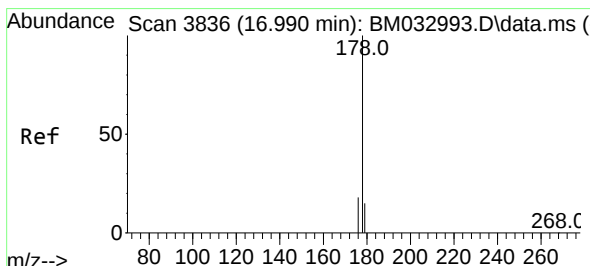
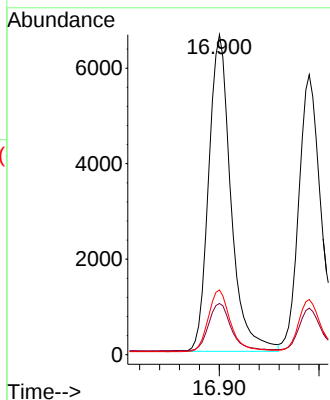
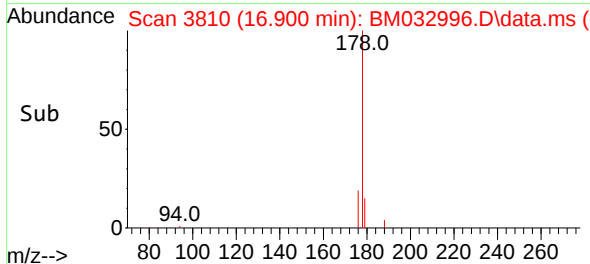
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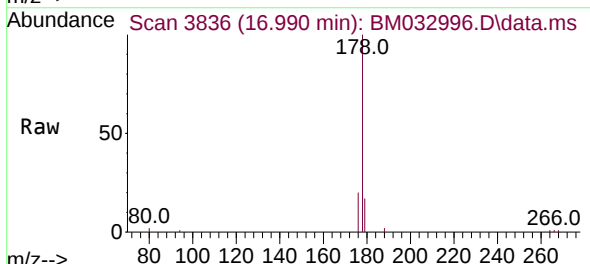
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Ion Ratio Lower Upper
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179 16.0 12.9 19.3
176 20.2 16.0 24.0

Manual Integrations
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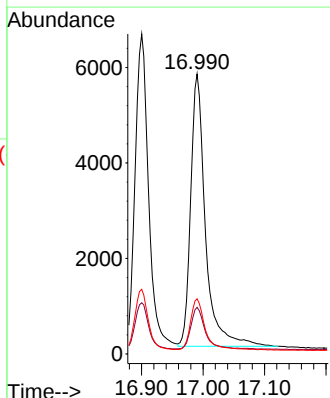
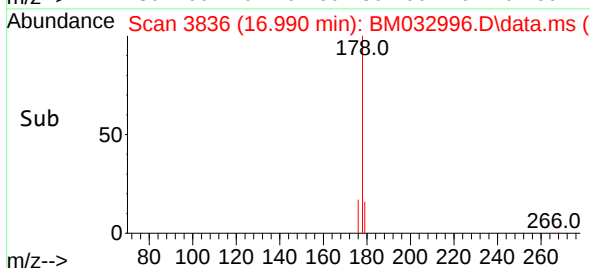
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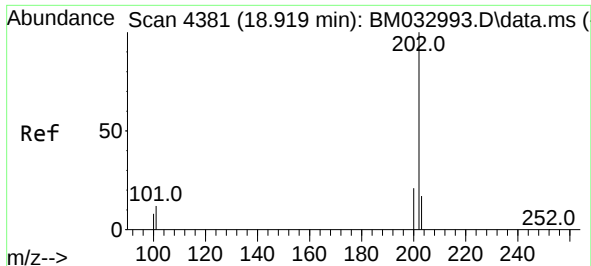


#16
Anthracene
Concen: 0.299 ng/u1
RT: 16.990 min Scan# 3836
Delta R.T. 0.000 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04



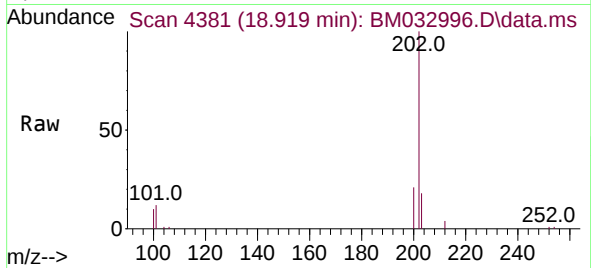
Tgt Ion:178 Resp: 9514
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.7 15.6 23.4





#19
Fluoranthene
Concen: 0.311 ng/u1
RT: 18.919 min Scan# 4381
Delta R.T. 0.000 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

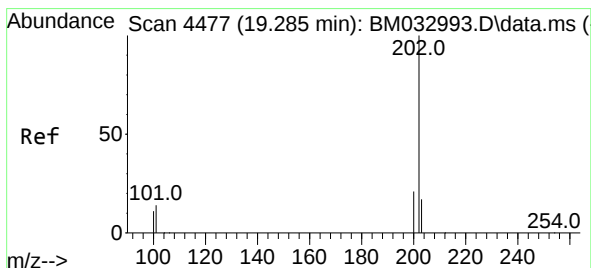
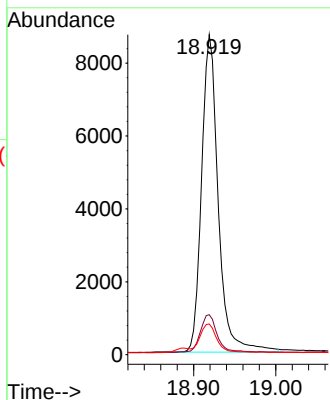
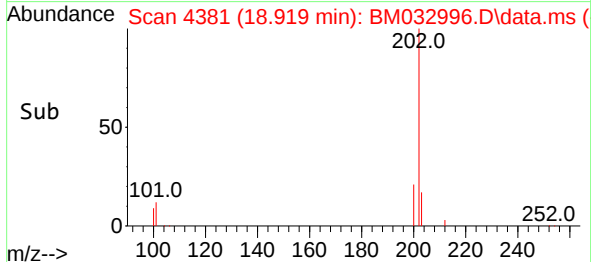
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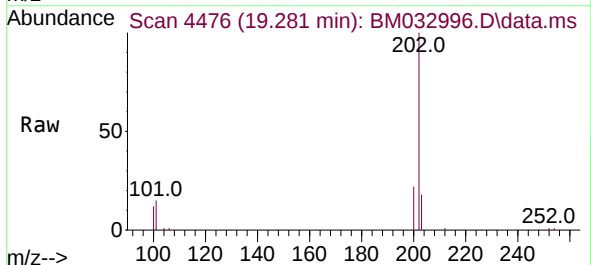
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101 12.5 9.9 14.9
100 9.6 7.3 10.9

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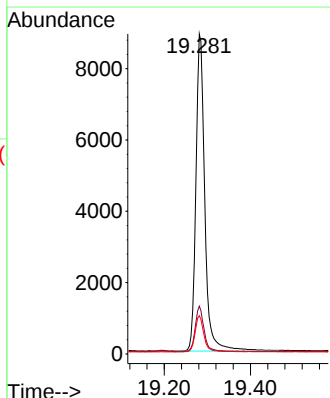
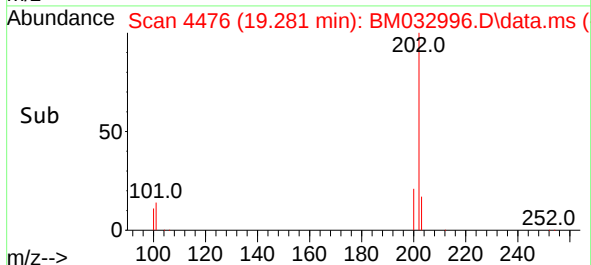
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

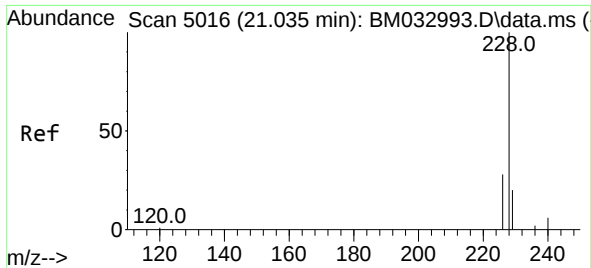


#20
Pyrene
Concen: 0.312 ng/u1
RT: 19.281 min Scan# 4476
Delta R.T. 0.000 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04



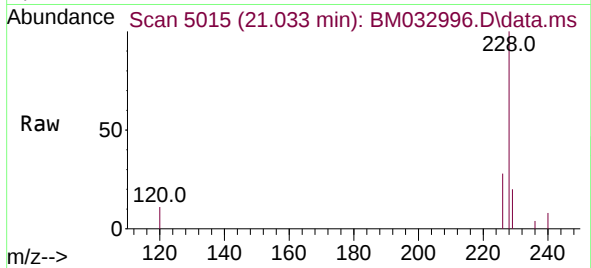
Tgt Ion:202 Resp: 12826
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 12.0 9.5 14.3





#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.033 min Scan# 5016
Delta R.T. 0.000 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

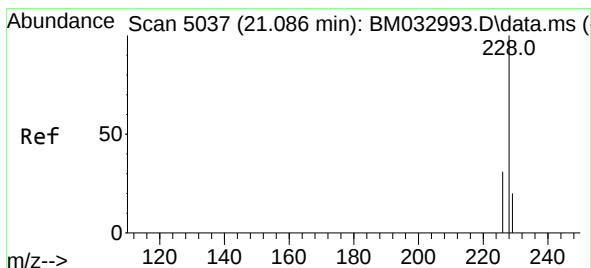
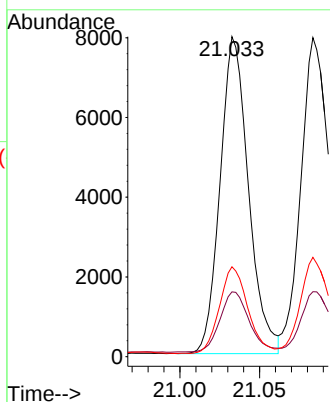
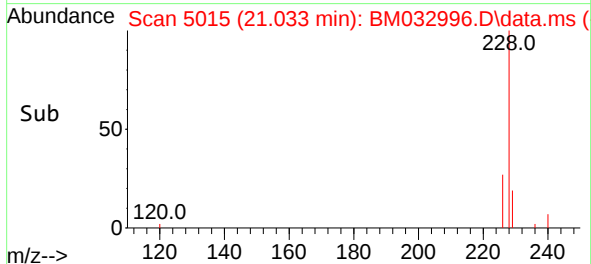
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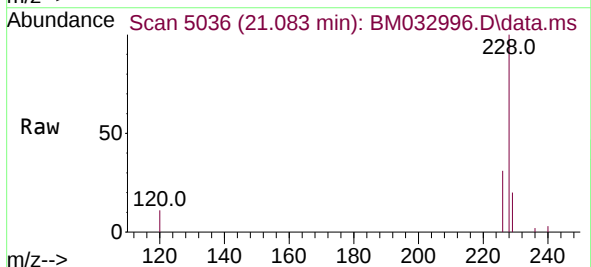
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Ion Ratio Lower Upper
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229 20.2 15.7 23.5
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Manual Integrations
APPROVED

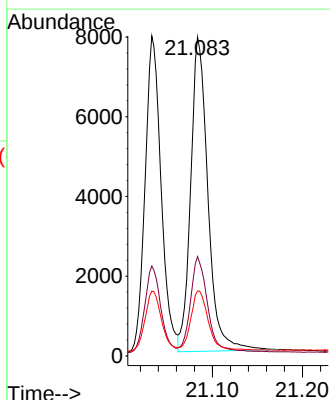
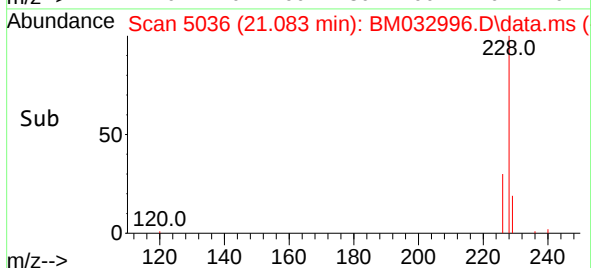
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

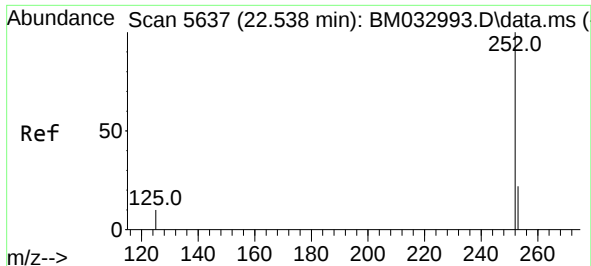


#22
Chrysene
Concen: 0.298 ng/ul
RT: 21.083 min Scan# 5036
Delta R.T. 0.000 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04



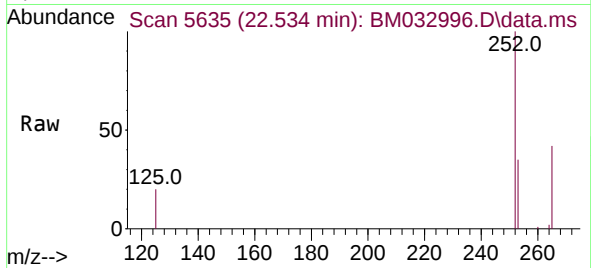
Tgt Ion:228 Resp: 10481
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 20.4 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.272 ng/ul
RT: 22.534 min Scan# 5635
Delta R.T. 0.003 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

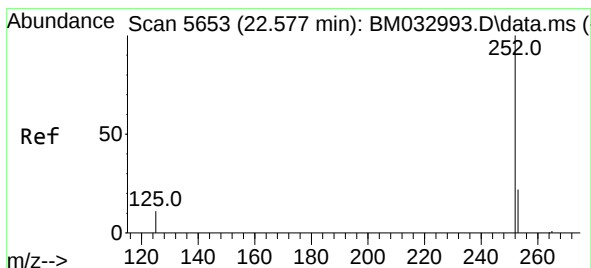
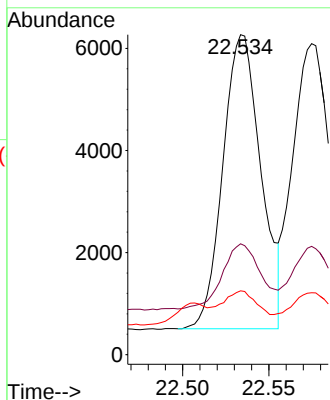
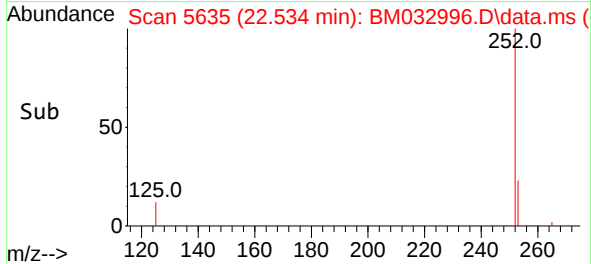
Instrument :
BNA_M
ClientSampleId :
SLCS386



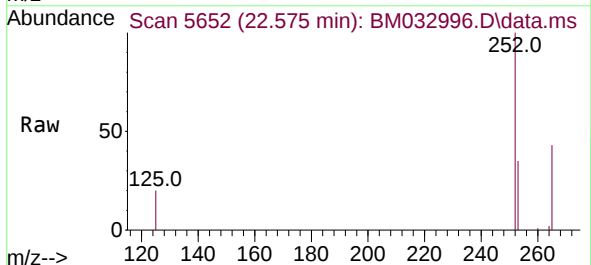
Tgt Ion:252 Resp: 885
Ion Ratio Lower Upper
252 100
253 34.6 0.0 59.2
125 20.0 0.0 34.2

Manual Integrations
APPROVED

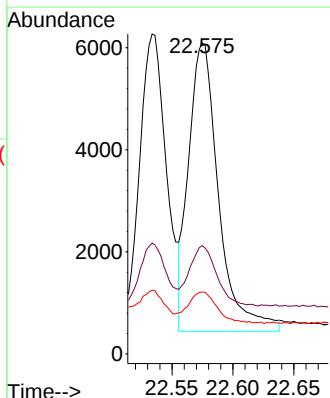
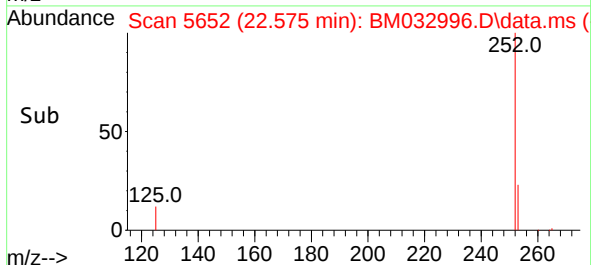
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

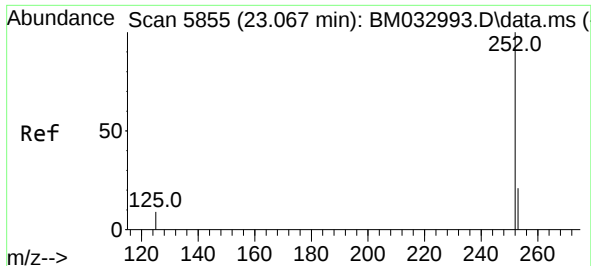


#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul m
RT: 22.575 min Scan# 5652
Delta R.T. 0.003 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04



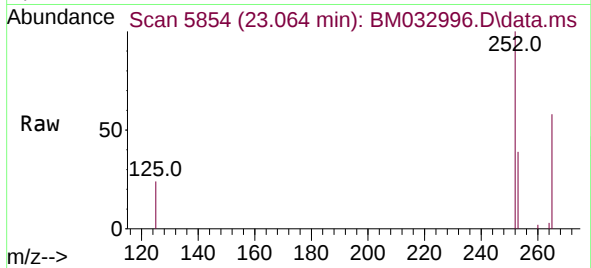
Tgt Ion:252 Resp: 9705
Ion Ratio Lower Upper
252 100
253 34.8 23.1 34.7#
125 19.9 14.6 21.8





#26
Benzo(a)pyrene
Concen: 0.287 ng/ul
RT: 23.064 min Scan# 5854
Delta R.T. 0.000 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04

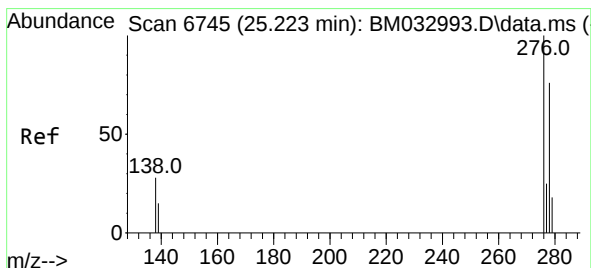
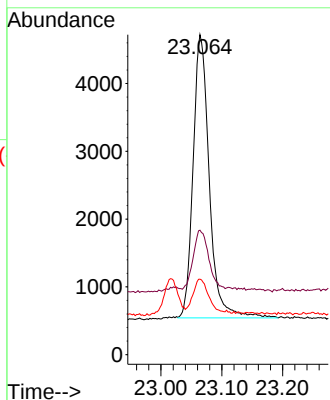
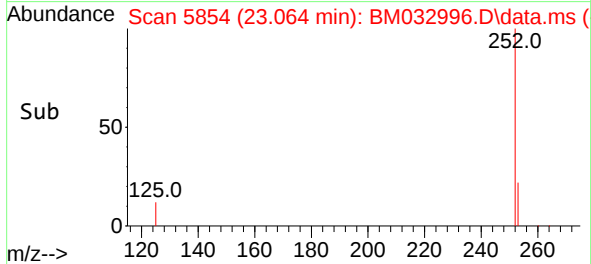
Instrument :
BNA_M
ClientSampleId :
SLCS386



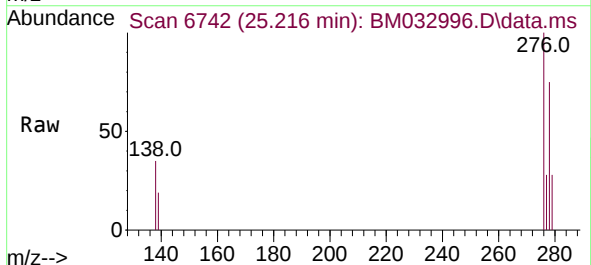
Tgt Ion:252 Resp: 7704
Ion Ratio Lower Upper
252 100
253 38.9 27.1 40.7
125 23.6 17.4 26.2

Manual Integrations
APPROVED

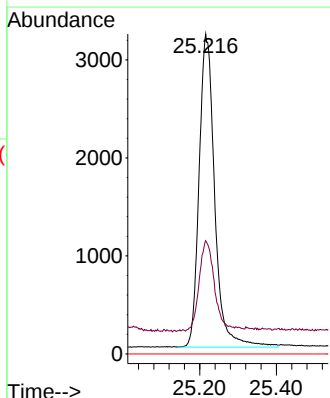
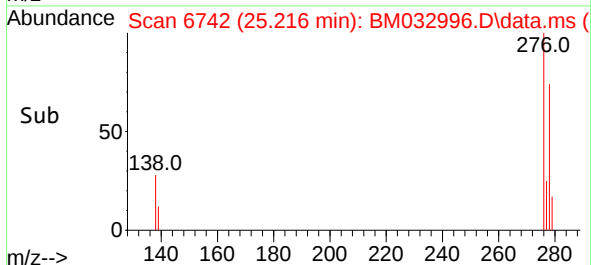
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

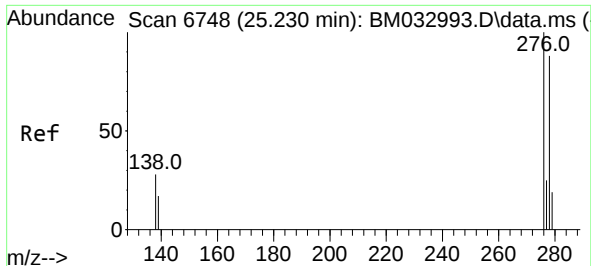


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.292 ng/ul
RT: 25.216 min Scan# 6742
Delta R.T. 0.003 min
Lab File: BM032996.D
Acq: 11 Nov 2021 19:04



Tgt Ion:276 Resp: 9020
Ion Ratio Lower Upper
276 100
138 28.8 22.9 34.3
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.292 ng/ul

RT: 25.220 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM032996.D

Acq: 11 Nov 2021 19:04

Instrument :

BNA_M

ClientSampleId :

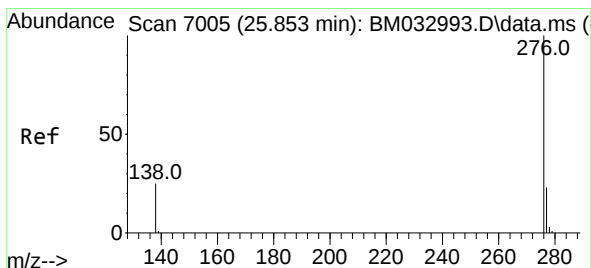
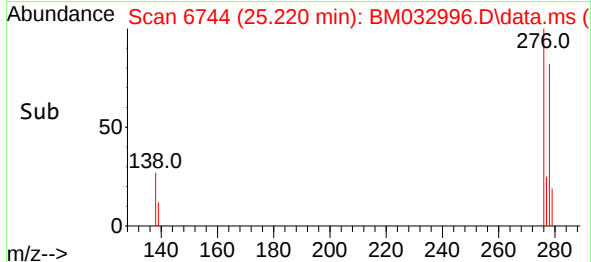
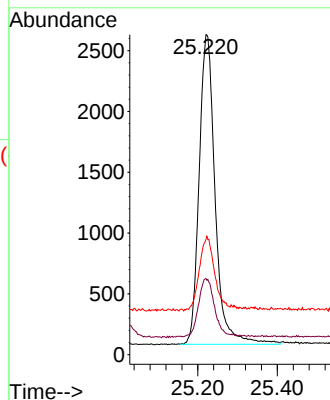
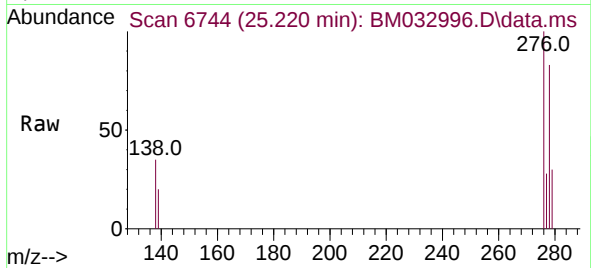
SLCS386

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	18.2	27.2
279	36.0	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: 0.285 ng/ul

RT: 25.843 min Scan# 7001

Delta R.T. 0.000 min

Lab File: BM032996.D

Acq: 11 Nov 2021 19:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.9	22.2	33.2
277	27.5	21.0	31.4

