

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033792.D
 Acq On : 20 Jan 2022 17:12
 Operator : CG/JU
 Sample : N1129-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBM06

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 01:41:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	4088	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	15303	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	8723	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	16509	0.400	ng/ul	0.00
17) Chrysene-d12	21.487	240	9270	0.400	ng/ul	# 0.00
23) Perylene-d12	23.889	264	7908	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	11606	2.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3741	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	7137	0.249	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	1177	0.027	ng/ul	96
7) 2-Methylnaphthalene	12.424	142	581	0.020	ng/ul	99
10) Acenaphthylene	14.310	152	1140	0.028	ng/ul#	90
11) Acenaphthene	14.648	153	2620	0.081	ng/ul	96
12) Fluorene	15.630	166	2604	0.068	ng/ul	97
14) Pentachlorophenol	16.976	266	211	0.032	ng/ul	98
15) Phenanthrene	17.365	178	108219	2.024	ng/ul	93
16) Anthracene	17.455	178	12828	0.262	ng/ul	93
19) Fluoranthene	19.372	202	307071	7.062	ng/ul	100
20) Pyrene	19.734	202	234438	5.330	ng/ul	97
21) Benzo(a)anthracene	21.470	228	85115	2.211	ng/ul	99
22) Chrysene	21.523	228	114693	2.913	ng/ul	98
24) Benzo(b)fluoranthene	23.158	252	138230m	3.990	ng/ul	
25) Benzo(k)fluoranthene	23.201	252	52454m	1.543	ng/ul	
26) Benzo(a)pyrene	23.785	252	79821	2.650	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.397	276	71113	1.814	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.412	278	15885	0.510	ng/ul#	92
29) Benzo(g,h,i)perylene	27.170	276	63350	1.880	ng/ul	95

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

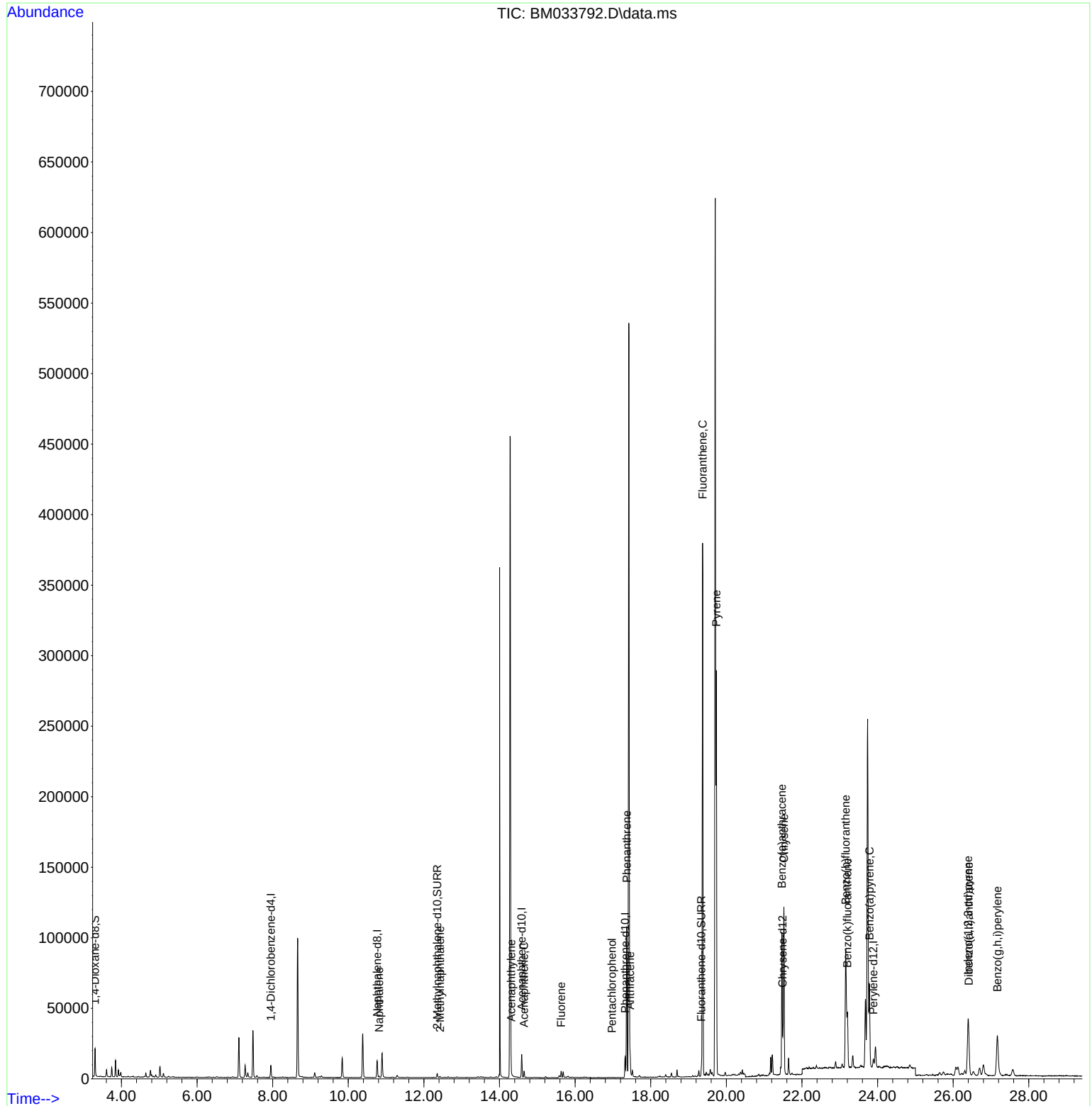
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033792.D
Acq On : 20 Jan 2022 17:12
Operator : CG/JU
Sample : N1129-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

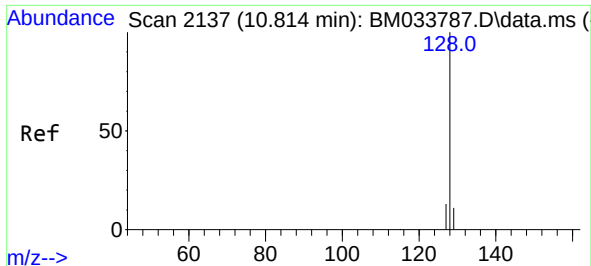
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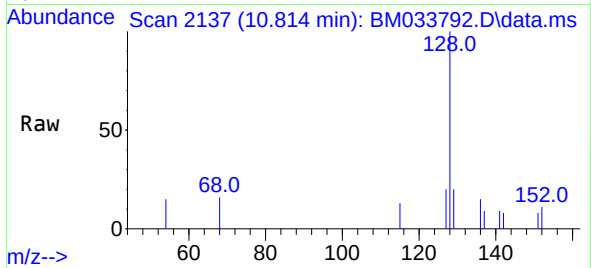
Quant Time: Jan 21 01:41:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
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#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.814 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

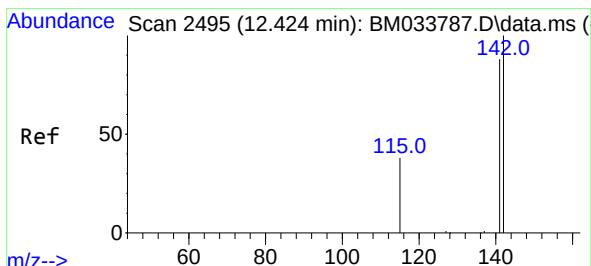
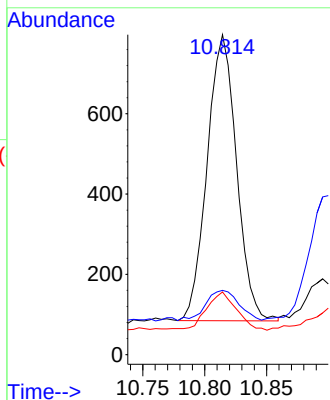
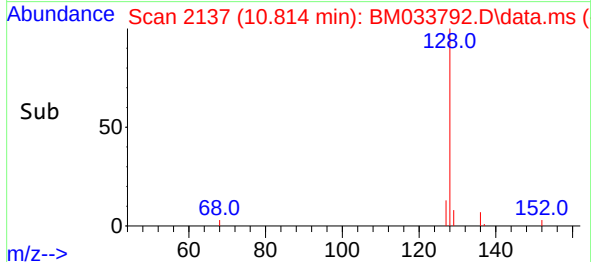
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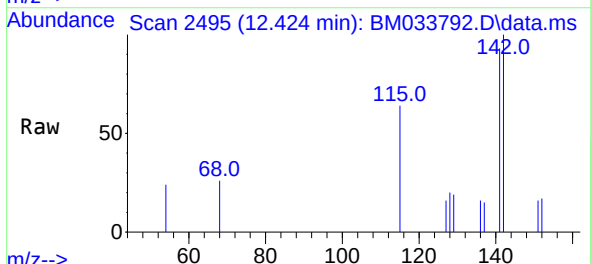
Tgt Ion:128 Resp: 117
Ion Ratio Lower Upper
128 100
129 20.1 13.4 20.2
127 19.6 15.2 22.8

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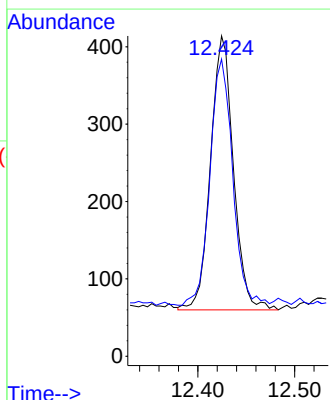
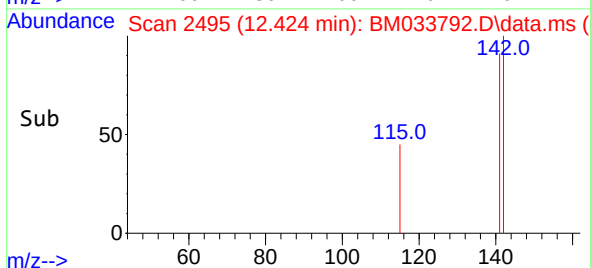
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Supervised By :mohammad ahmed 01/27/2022

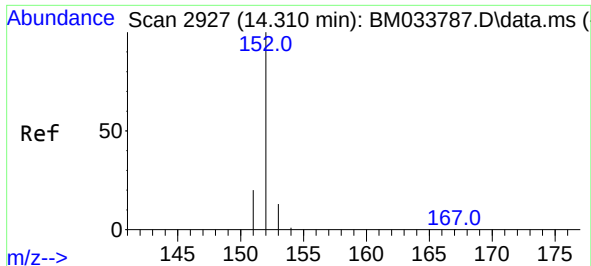


#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.424 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



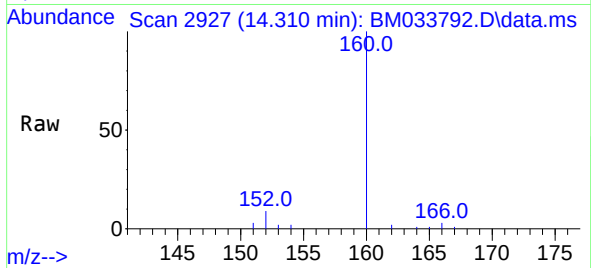
Tgt Ion:142 Resp: 581
Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.6





#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.310 min Scan# 2927
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

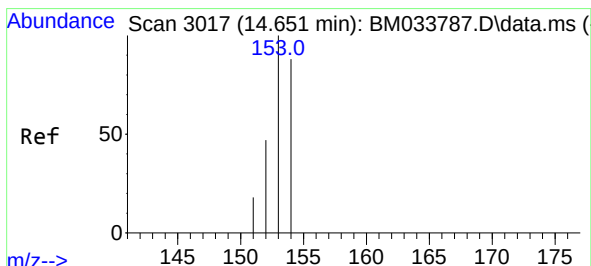
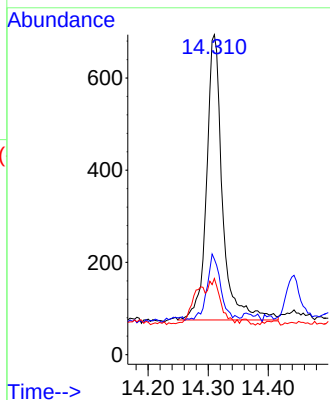
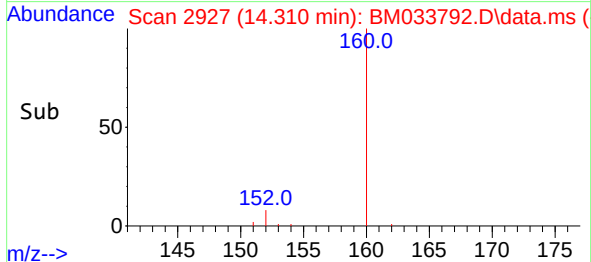
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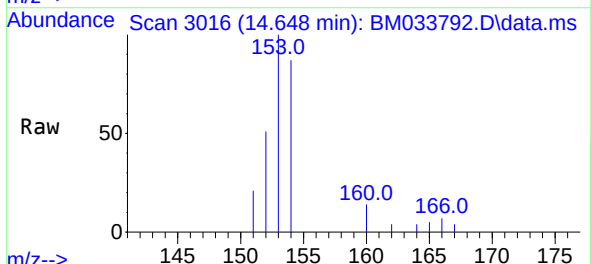
Tgt Ion:152 Resp: 1140
Ion Ratio Lower Upper
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151 29.8 19.9 29.9
153 23.8 15.0 22.4

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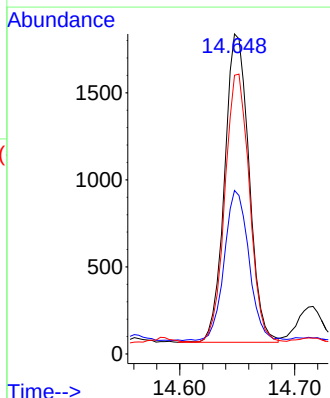
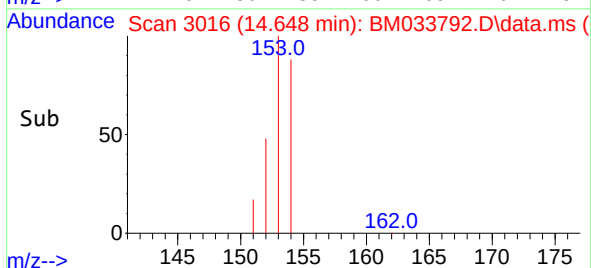
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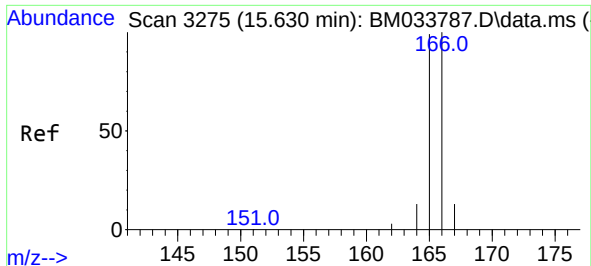


#11
Acenaphthene
Concen: 0.081 ng/ul
RT: 14.648 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



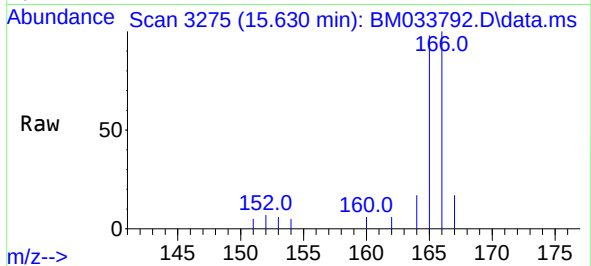
Tgt Ion:153 Resp: 2620
Ion Ratio Lower Upper
153 100
152 51.1 42.4 63.6
154 87.1 66.2 99.2





#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.630 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

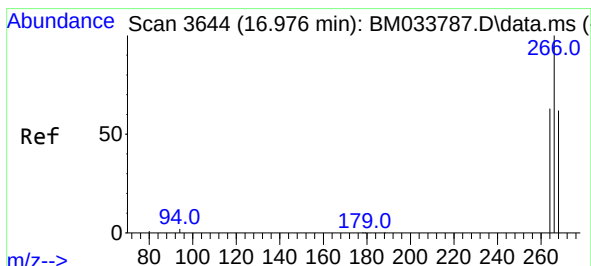
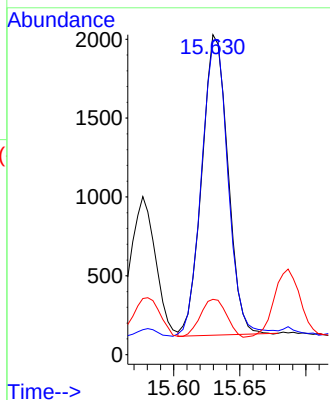
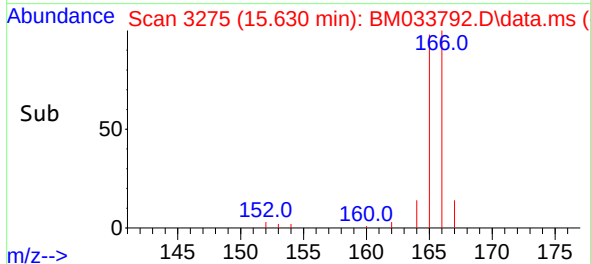
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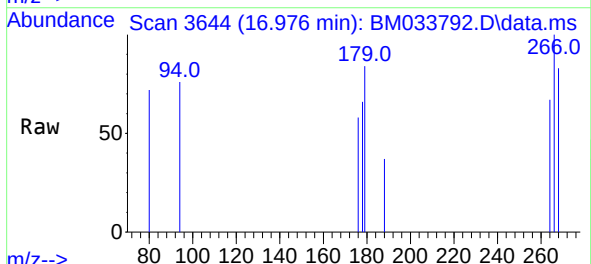
Tgt Ion:166 Resp: 2604
Ion Ratio Lower Upper
166 100
165 97.9 81.1 121.7
167 17.3 14.9 22.3

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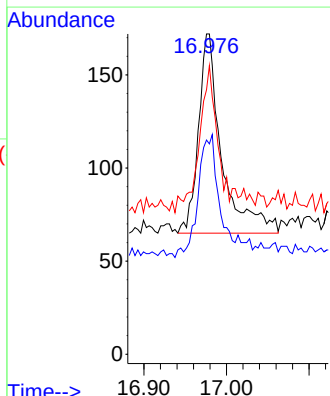
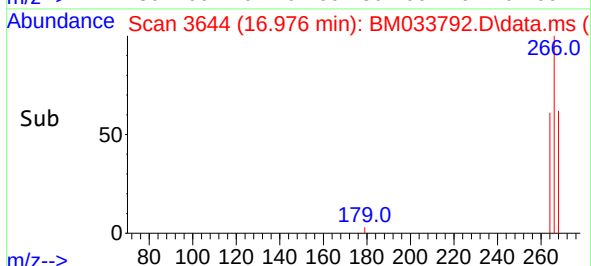
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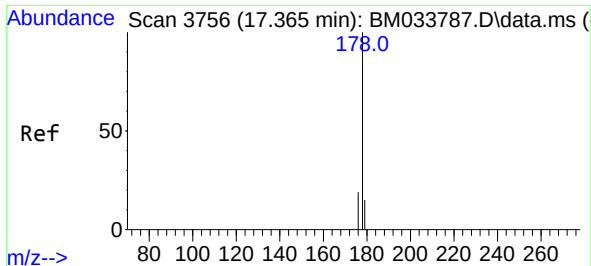


#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.976 min Scan# 3644
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



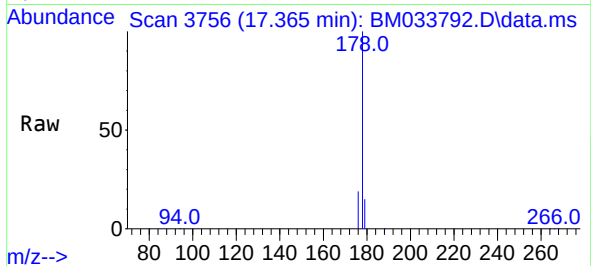
Tgt Ion:266 Resp: 211
Ion Ratio Lower Upper
266 100
264 62.6 51.4 77.0
268 64.5 53.1 79.7





#15
Phenanthrene
Concen: 2.024 ng/u1
RT: 17.365 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

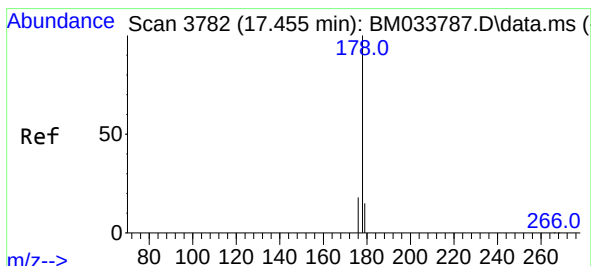
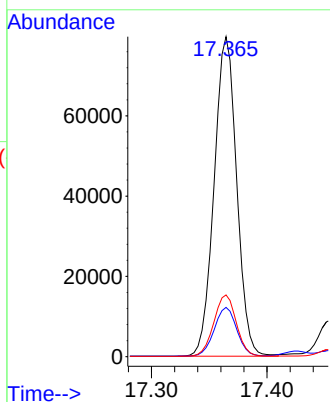
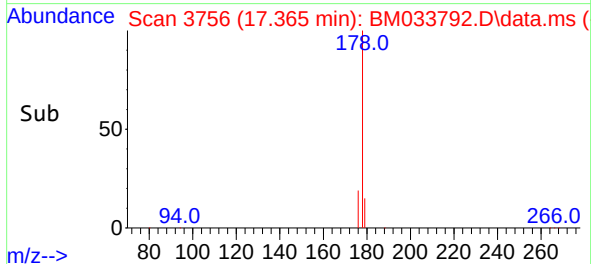
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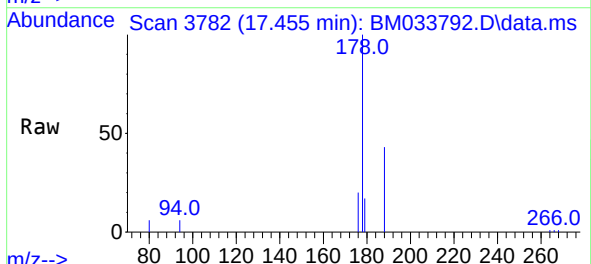
Tgt Ion:178 Resp: 108219
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.3 17.9 26.9

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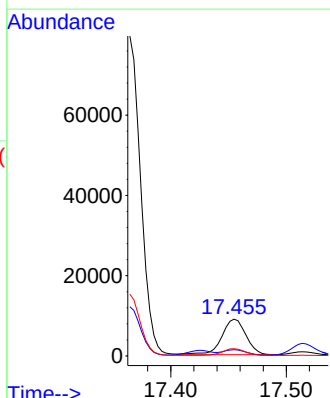
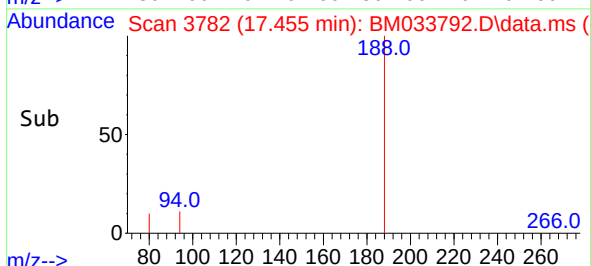
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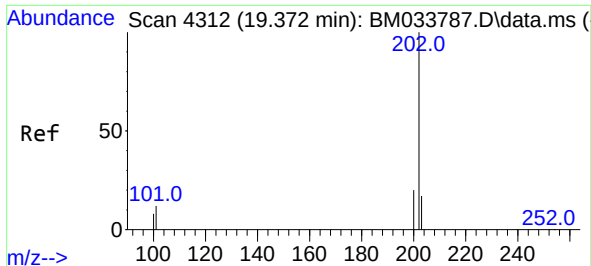


#16
Anthracene
Concen: 0.262 ng/u1
RT: 17.455 min Scan# 3782
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



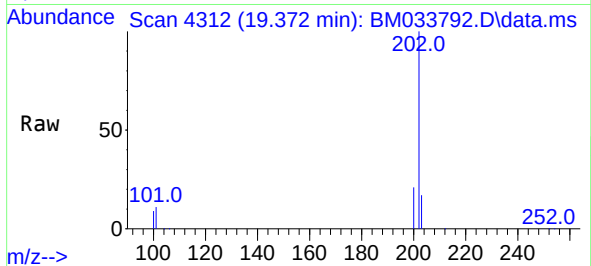
Tgt Ion:178 Resp: 12828
Ion Ratio Lower Upper
178 100
179 17.0 16.5 24.7
176 19.5 18.3 27.5





#19
Fluoranthene
Concen: 7.062 ng/u1
RT: 19.372 min Scan# 4312
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

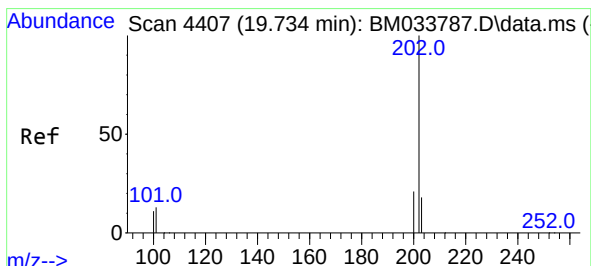
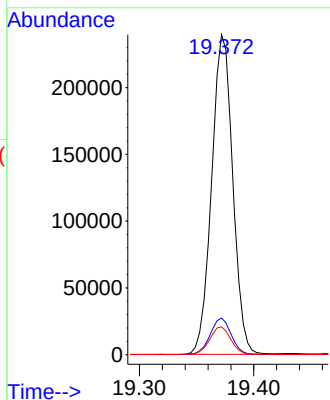
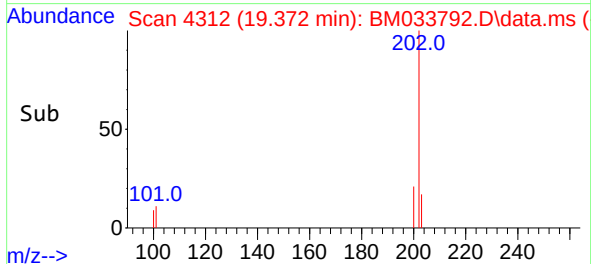
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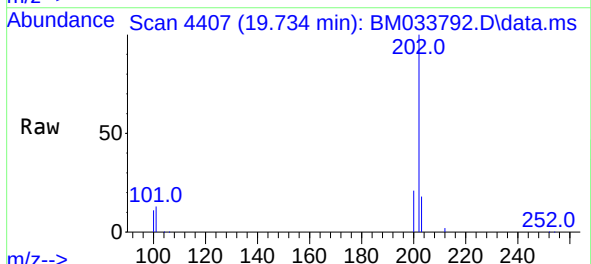
Tgt Ion:202 Resp: 30707
Ion Ratio Lower Upper
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101 11.4 9.2 13.8
100 8.7 7.2 10.8

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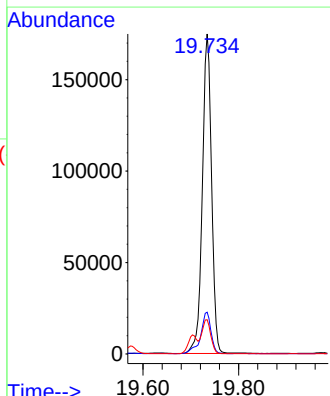
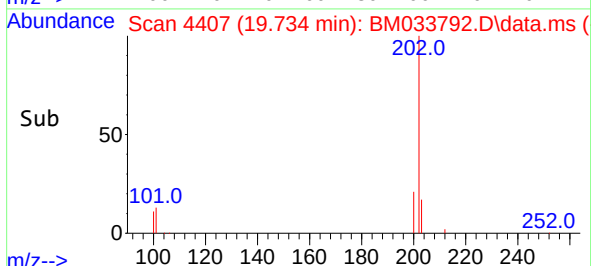
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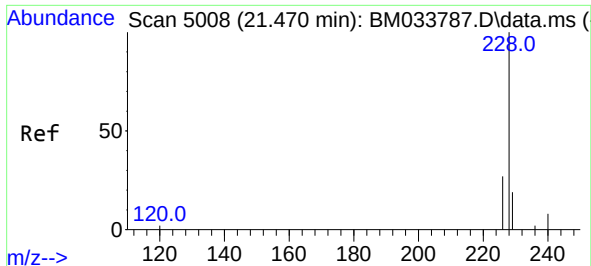


#20
Pyrene
Concen: 5.330 ng/u1
RT: 19.734 min Scan# 4407
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



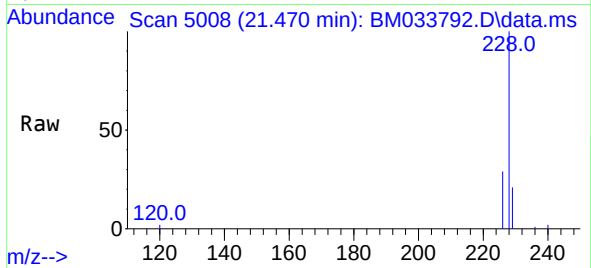
Tgt Ion:202 Resp: 234438
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 10.7 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.211 ng/u1
RT: 21.470 min Scan# 5008
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

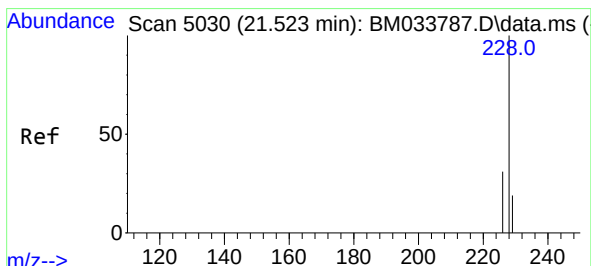
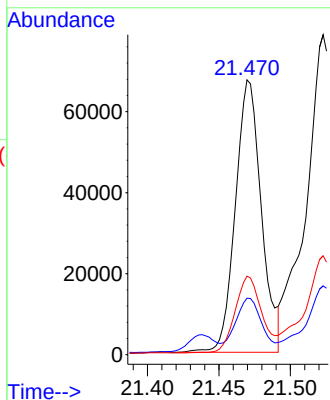
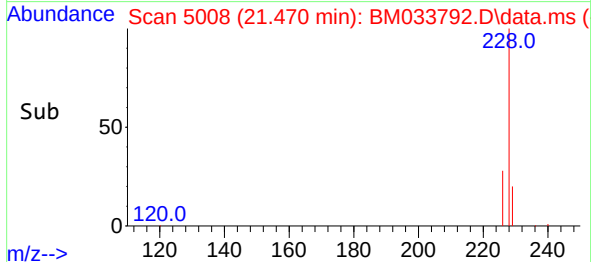
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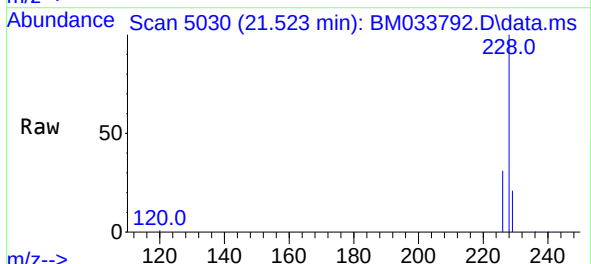
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Ion Ratio Lower Upper
228 100
229 20.5 17.3 25.9
226 28.6 23.2 34.8

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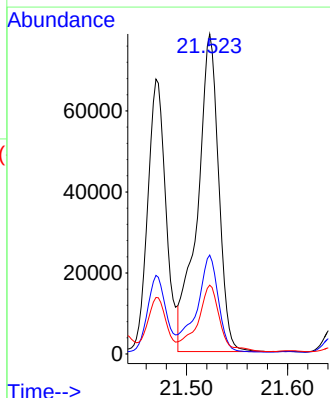
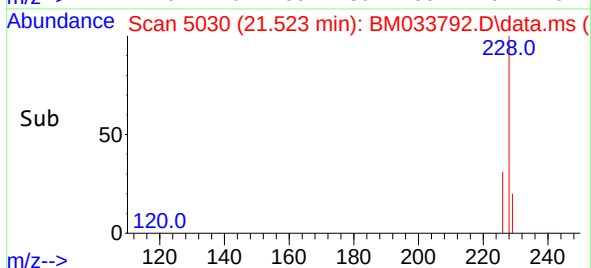
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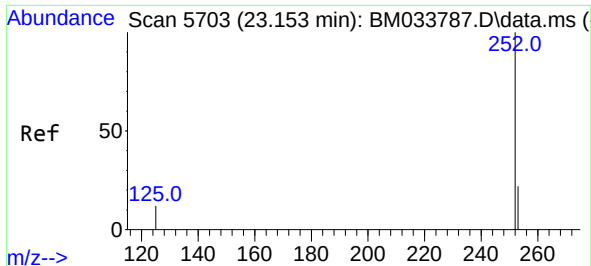


#22
Chrysene
Concen: 2.913 ng/u1
RT: 21.523 min Scan# 5030
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



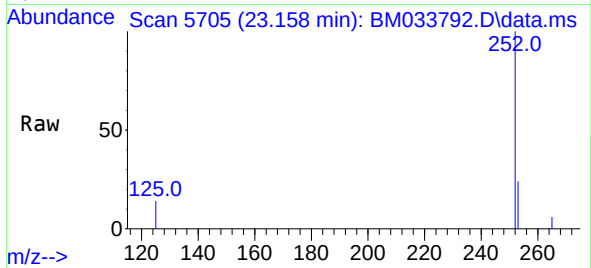
Tgt Ion:228 Resp: 114693
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 21.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 3.990 ng/ul m
RT: 23.158 min Scan# 5705
Delta R.T. 0.005 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

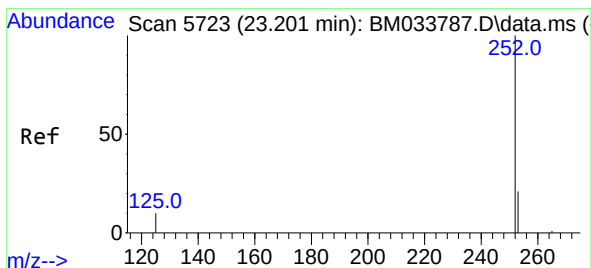
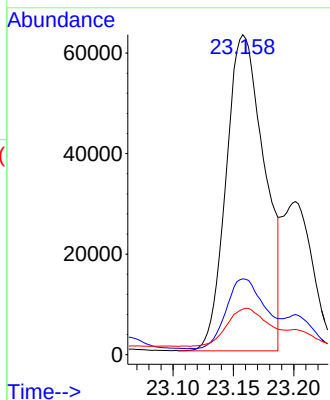
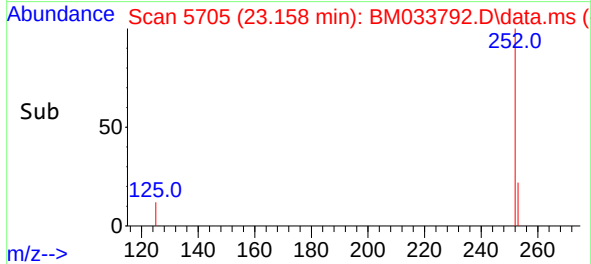
Instrument :
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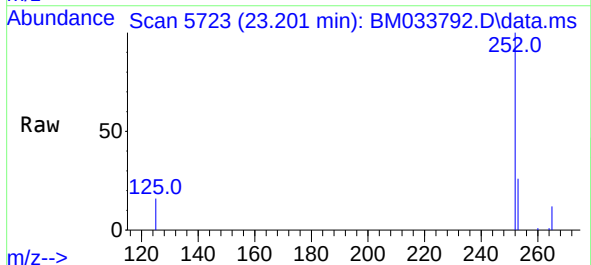
Tgt Ion:252 Resp: 138230
Ion Ratio Lower Upper
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253 23.7 0.0 64.2
125 14.2 0.0 28.8

Manual Integrations
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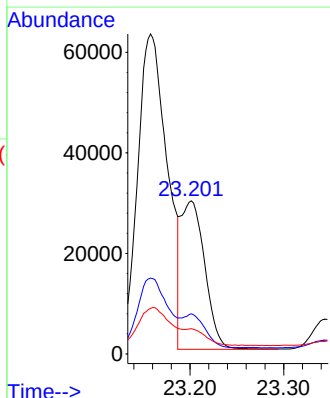
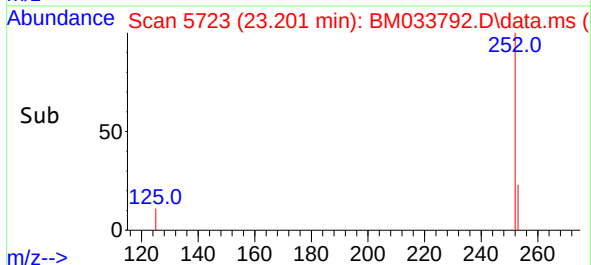
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

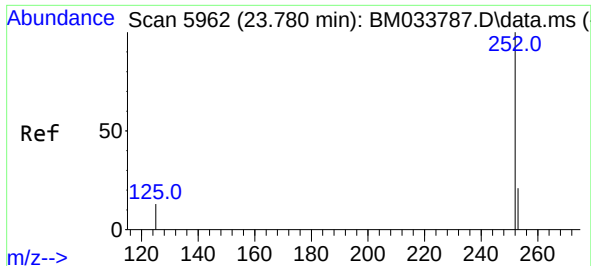


#25
Benzo(k)fluoranthene
Concen: 1.543 ng/ul m
RT: 23.201 min Scan# 5723
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



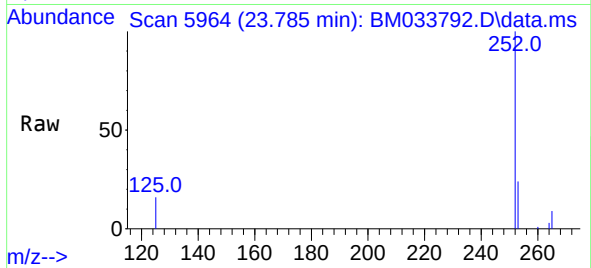
Tgt Ion:252 Resp: 52454
Ion Ratio Lower Upper
252 100
253 26.2 26.8 40.2#
125 16.5 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.650 ng/u1
RT: 23.785 min Scan# 5964
Delta R.T. 0.005 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

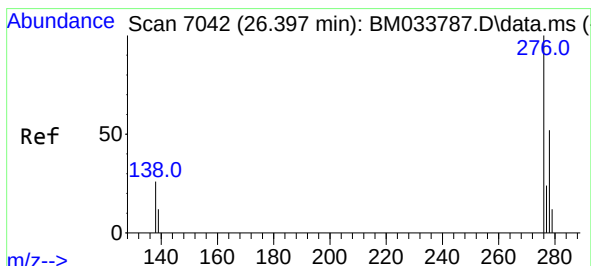
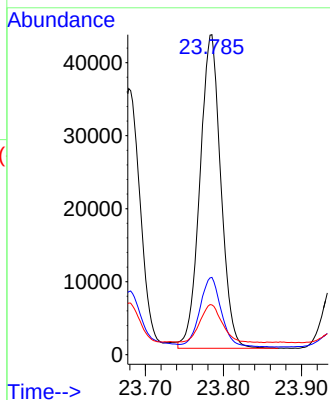
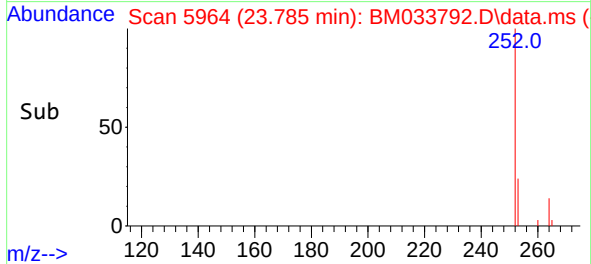
Instrument :
BNA_M
ClientSampleId :
DBM06



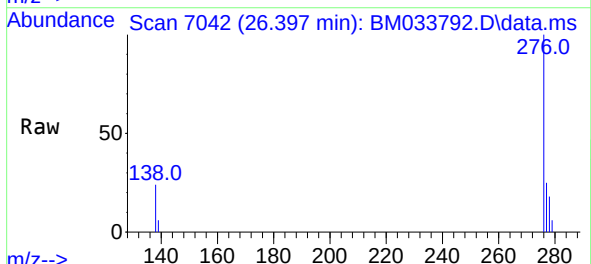
Tgt Ion:252 Resp: 7982
Ion Ratio Lower Upper
252 100
253 24.2 32.0 48.0
125 15.5 14.5 21.7

Manual Integrations
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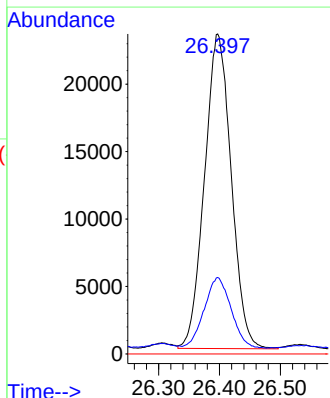
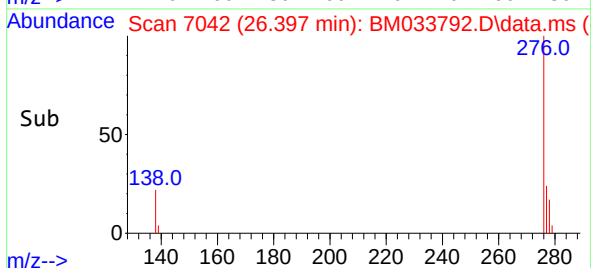
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

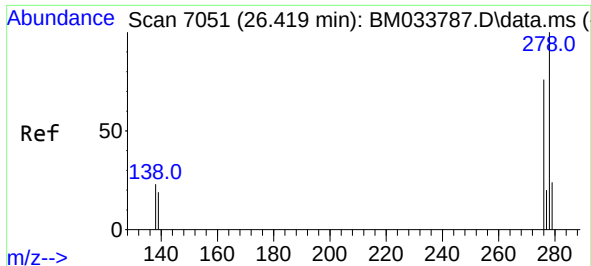


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.814 ng/u1
RT: 26.397 min Scan# 7042
Delta R.T. 0.000 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



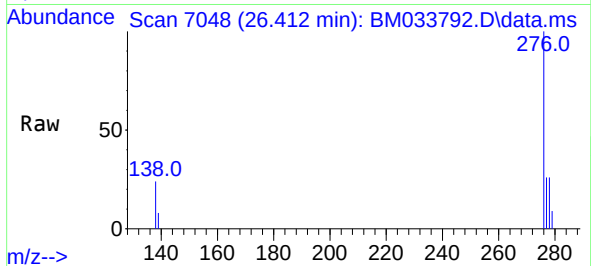
Tgt Ion:276 Resp: 71113
Ion Ratio Lower Upper
276 100
138 22.7 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.510 ng/ul
RT: 26.412 min Scan# 7051
Delta R.T. -0.007 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12

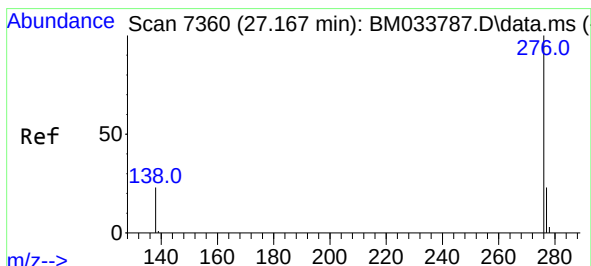
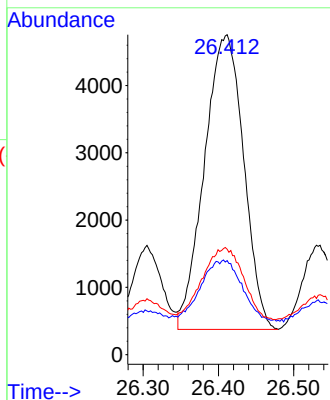
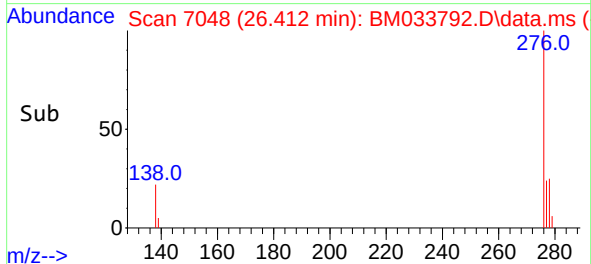
Instrument :
BNA_M
ClientSampleId :
DBM06



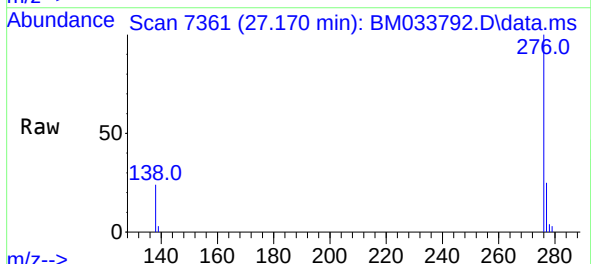
Tgt Ion:278 Resp: 1588
Ion Ratio Lower Upper
278 100
139 29.4 18.0 27.0
279 32.9 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#29
Benzo(g,h,i)perylene
Concen: 1.880 ng/ul
RT: 27.170 min Scan# 7361
Delta R.T. 0.002 min
Lab File: BM033792.D
Acq: 20 Jan 2022 17:12



Tgt Ion:276 Resp: 63350
Ion Ratio Lower Upper
276 100
138 23.6 17.4 26.0
277 25.1 22.6 33.8

