

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032577.D
 Acq On : 18 Oct 2021 17:22
 Operator : CG/JU
 Sample : M4181-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B29

Manual Integrations
 APPROVED

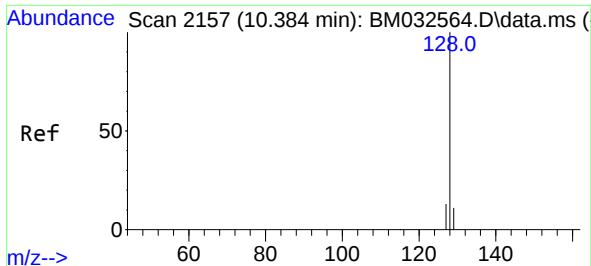
mohammad
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Quant Time: Oct 18 17:53:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	5560	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	16078	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	7426	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	13168	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	10215	0.40	ng/ul	0.00
23) Perylene-d12	23.256	264	11013	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	18672	3.00	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	3404	0.16	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	5496	0.17	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	74636	1.53	ng/ul	98
7) 2-Methylnaphthalene	12.003	142	59531	1.87	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	45508	1.44	ng/ul	99
10) Acenaphthylene	13.928	152	16505	0.52	ng/ul	100
11) Acenaphthene	14.270	153	1226	0.04	ng/ul#	88
12) Fluorene	15.256	166	1968	0.06	ng/ul#	45
14) Pentachlorophenol	16.613	266	72	0.02	ng/ul#	87
15) Phenanthrene	16.984	178	43304	0.98	ng/ul	100
16) Anthracene	17.074	178	14769	0.38	ng/ul	98
19) Fluoranthene	19.000	202	44137	0.87	ng/ul	100
20) Pyrene	19.362	202	43799	0.84	ng/ul	99
21) Benzo(a)anthracene	21.106	228	36755	0.92	ng/ul	94
22) Chrysene	21.157	228	54309	1.24	ng/ul	97
24) Benzo(b)fluoranthene	22.627	252	107246m	2.11	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	40492m	0.80	ng/ul	
26) Benzo(a)pyrene	23.164	252	22456	0.53	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.355	276	29481	0.57	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.357	278	12975	0.32	ng/ul#	91
29) Benzo(g,h,i)perylene	25.999	276	1640	0.04	ng/ul#	50

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



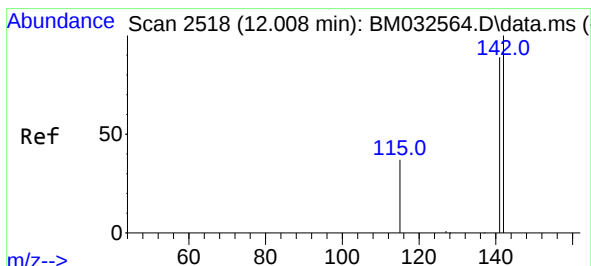
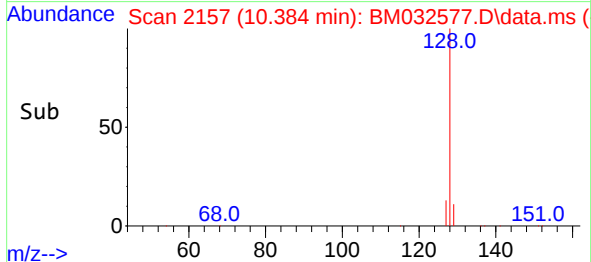
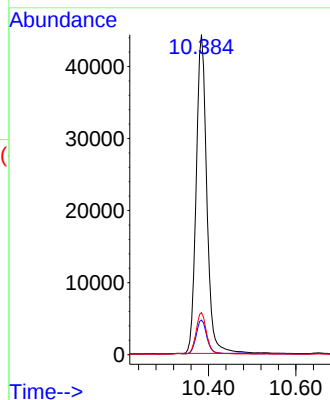
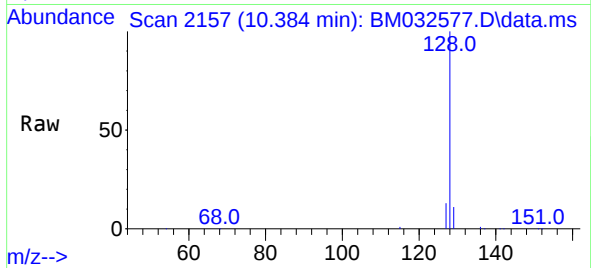
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Naphthalene
Concen: 1.53 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:128 Resp: 74636
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.1 11.1 16.7

Instrument :
BNA_M
ClientSampled :
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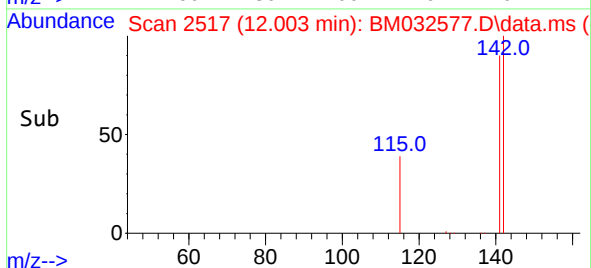
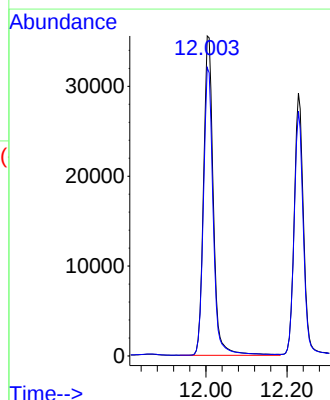
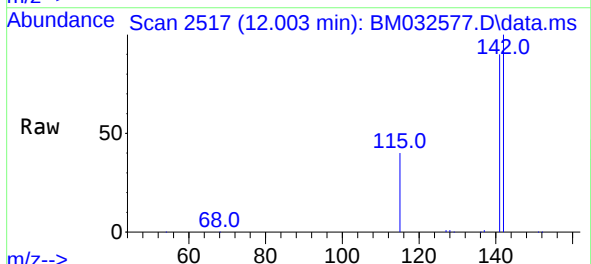
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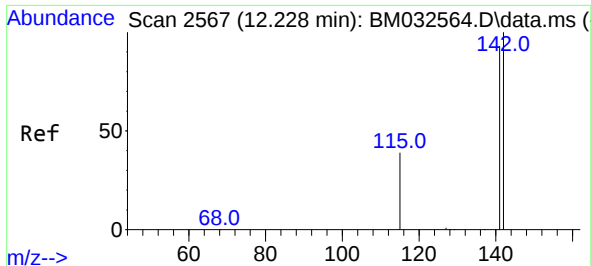
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#7
2-Methylnaphthalene
Concen: 1.87 ng/ul
RT: 12.003 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:142 Resp: 59531
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2





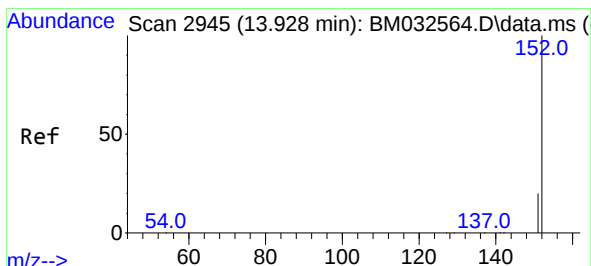
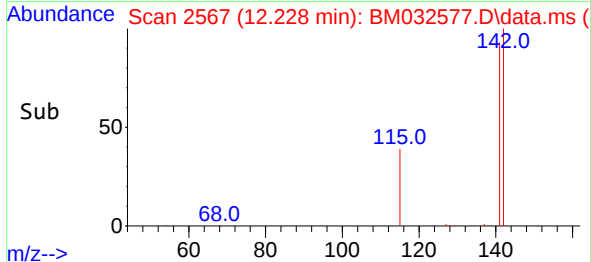
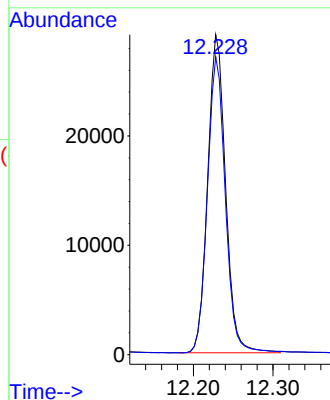
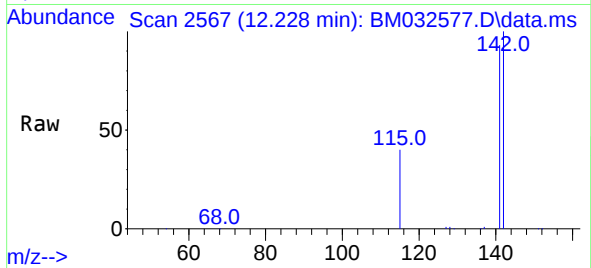
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1-Methylnaphthalene
Concen: 1.44 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.000 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:142 Resp: 45508
Ion Ratio Lower Upper
142 100
141 92.9 74.9 112.3

Instrument :
BNA_M
ClientSampled :
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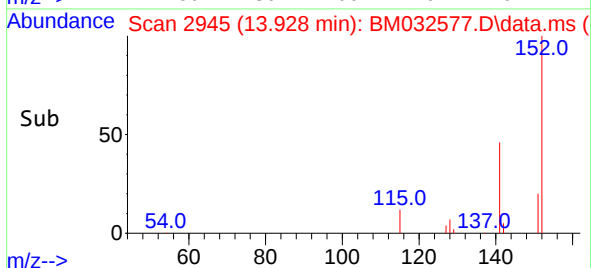
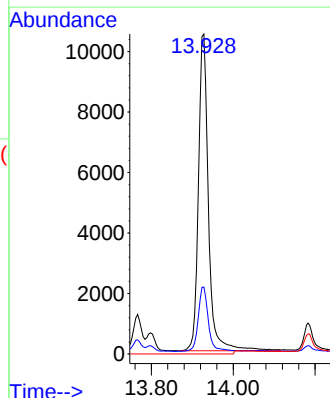
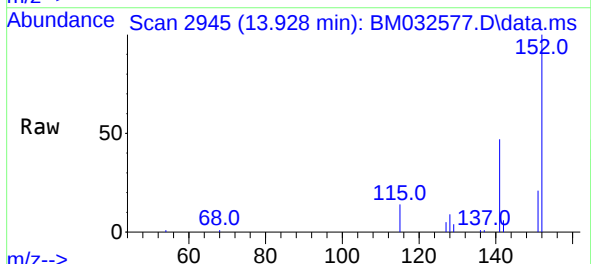
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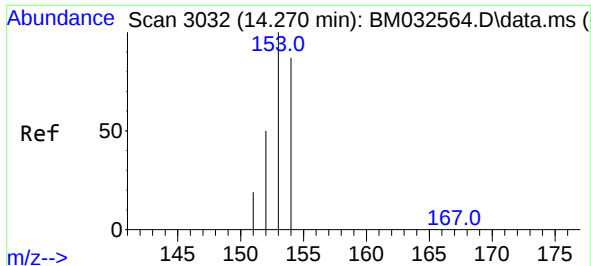
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#10
Acenaphthylene
Concen: 0.52 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:152 Resp: 16505
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 0.0 0.0 0.0





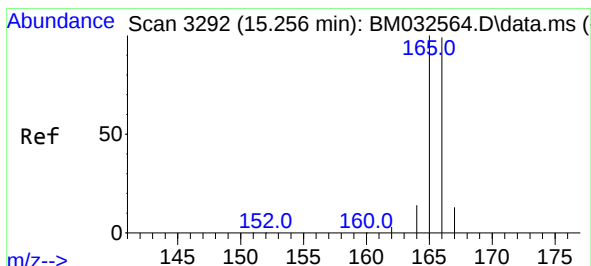
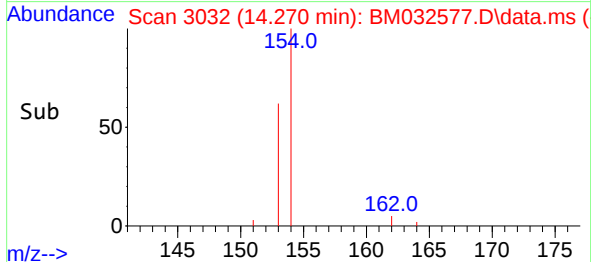
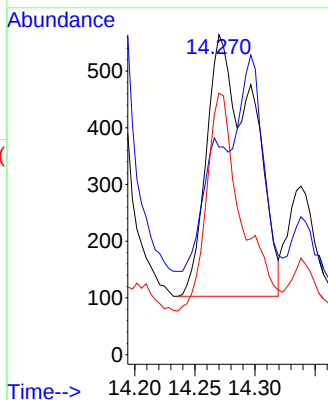
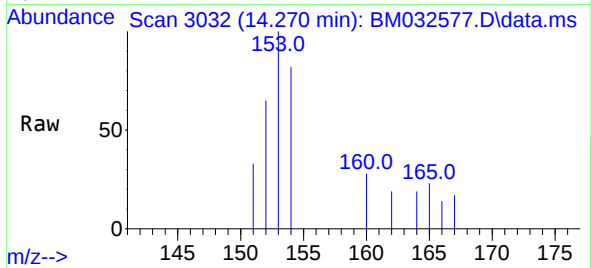
#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.000 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:153 Resp: 1226
Ion Ratio Lower Upper
153 100
152 64.9 40.4 60.6#
154 81.7 70.8 106.2

Instrument :
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ClientSampleId :
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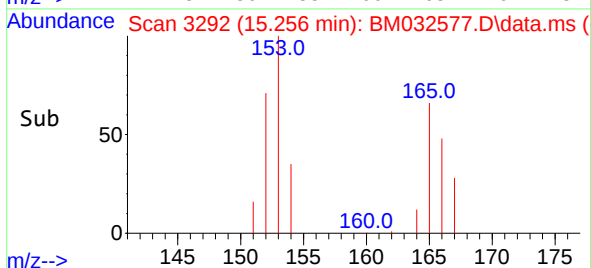
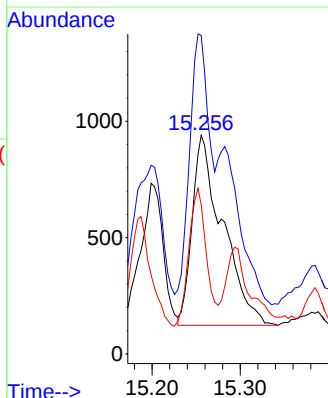
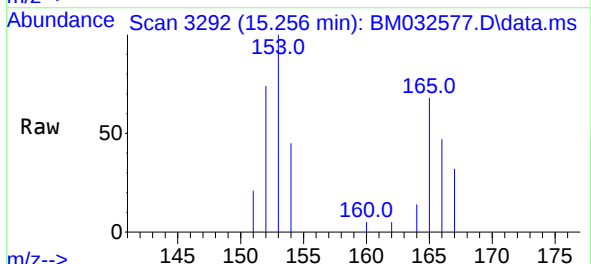
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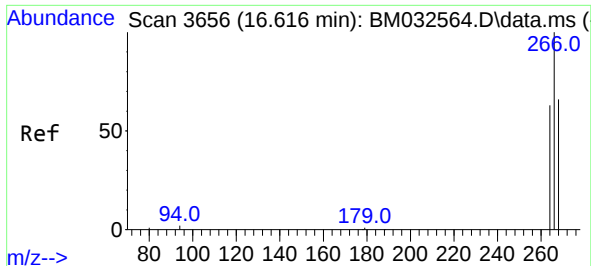
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#12
Fluorene
Concen: 0.06 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.000 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:166 Resp: 1968
Ion Ratio Lower Upper
166 100
165 145.5 80.7 121.1#
167 68.2 11.2 16.8#





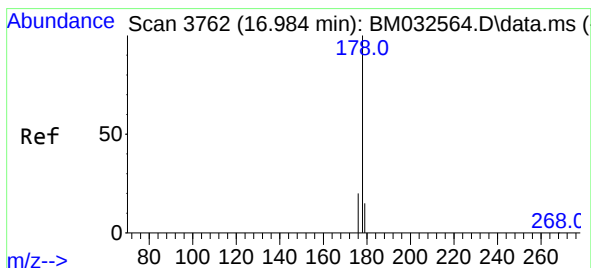
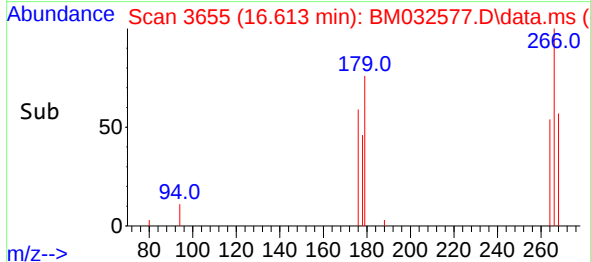
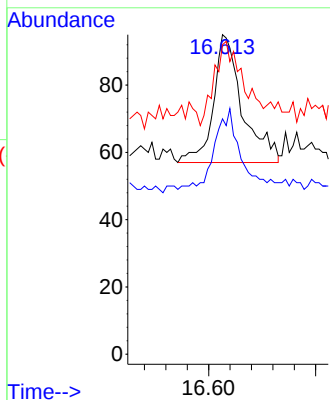
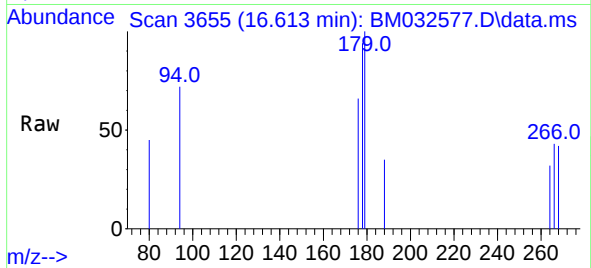
#14
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.613 min Scan# 3655
 Delta R.T. -0.004 min
 Lab File: BM032577.D
 Acq: 18 Oct 2021 17:22

Tgt Ion:266 Resp: 72
 Ion Ratio Lower Upper
 266 100
 264 58.3 50.8 76.2
 268 77.8 50.2 75.2#

Instrument :
 BNA_M
 ClientSampleId :
 C0B29

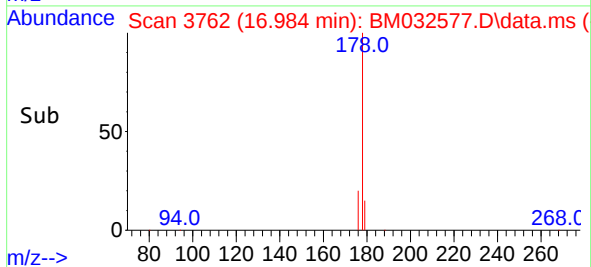
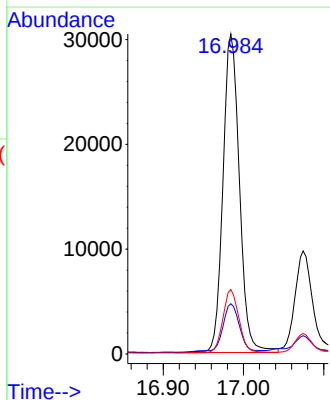
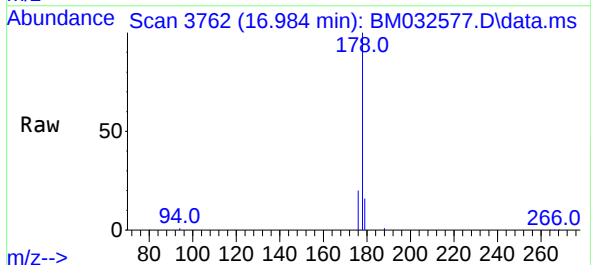
Manual Integrations
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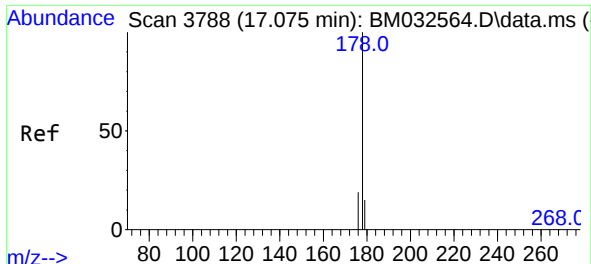
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#15
 Phenanthrene
 Concen: 0.98 ng/ul
 RT: 16.984 min Scan# 3762
 Delta R.T. -0.000 min
 Lab File: BM032577.D
 Acq: 18 Oct 2021 17:22

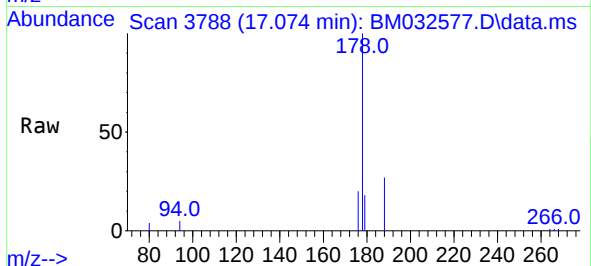
Tgt Ion:178 Resp: 43304
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.9 19.3
 176 20.1 16.1 24.1





#16
 Anthracene
 Concen: 0.38 ng/ul
 RT: 17.074 min Scan# 3788
 Delta R.T. -0.000 min
 Lab File: BM032577.D
 Acq: 18 Oct 2021 17:22

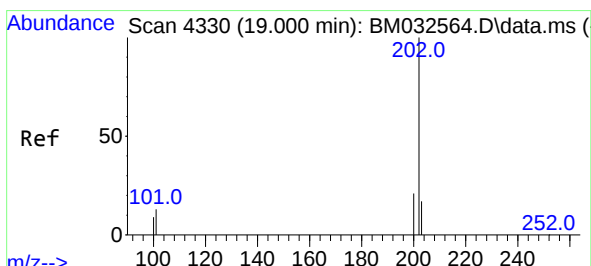
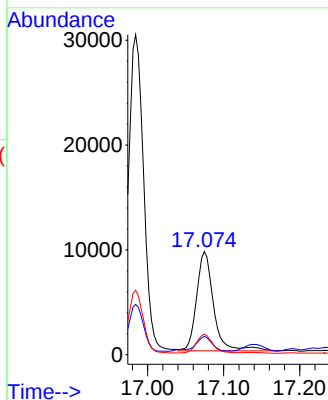
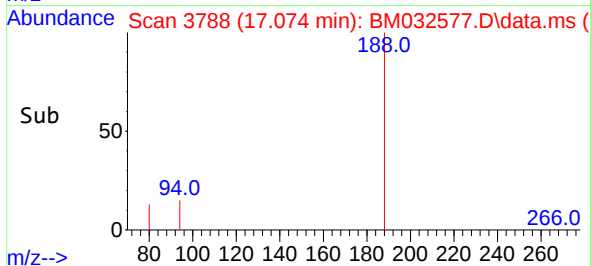
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 ClientSampleId :
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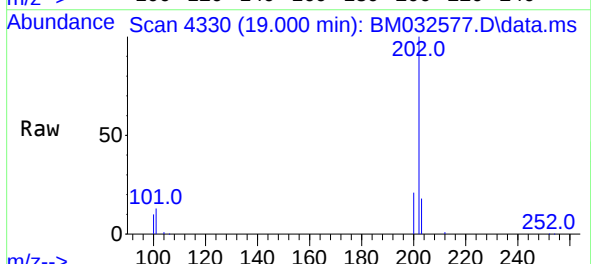
Tgt Ion:178 Resp: 14769
 Ion Ratio Lower Upper
 178 100
 179 17.7 12.9 19.3
 176 19.9 15.8 23.6

Manual Integrations
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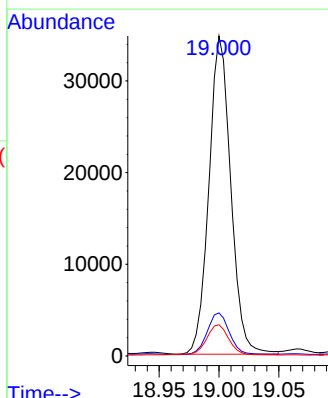
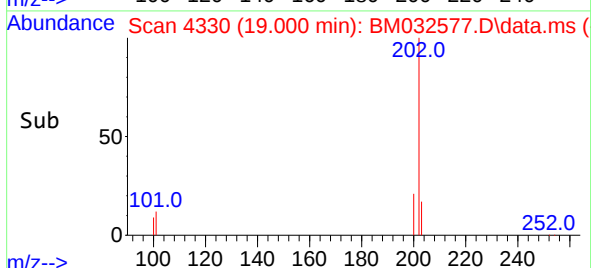
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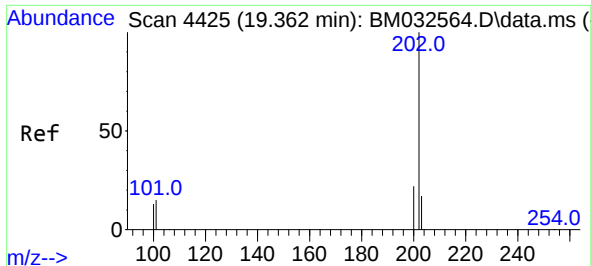


#19
 Fluoranthene
 Concen: 0.87 ng/ul
 RT: 19.000 min Scan# 4330
 Delta R.T. -0.000 min
 Lab File: BM032577.D
 Acq: 18 Oct 2021 17:22

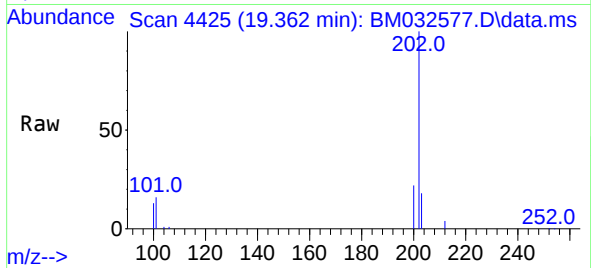


Tgt Ion:202 Resp: 44137
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.6 16.0
 100 9.7 7.8 11.8

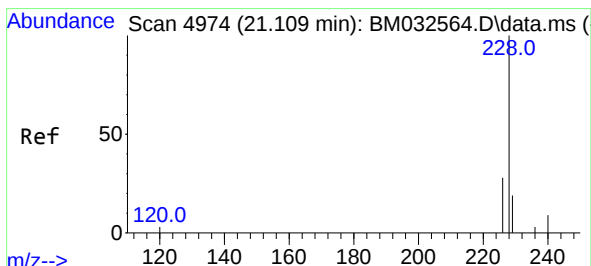
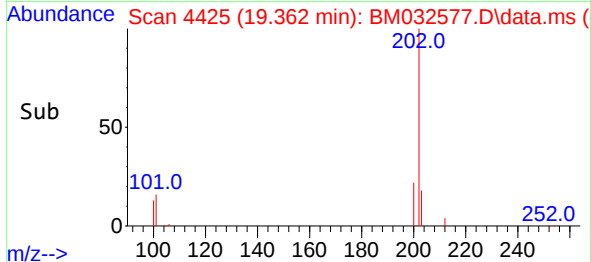
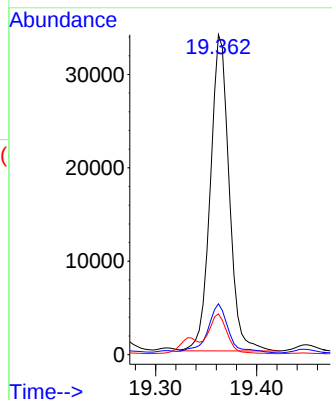




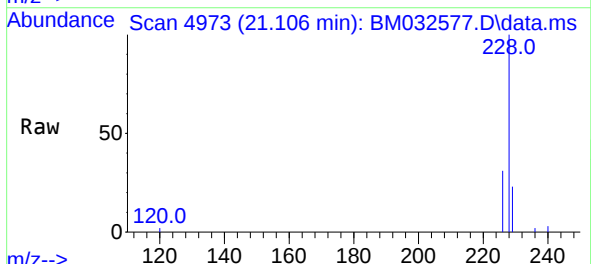
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Pyrene
Concen: 0.84 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.000 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22



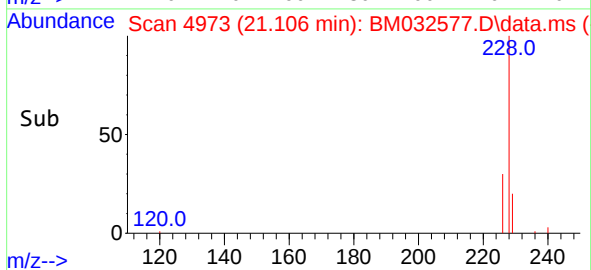
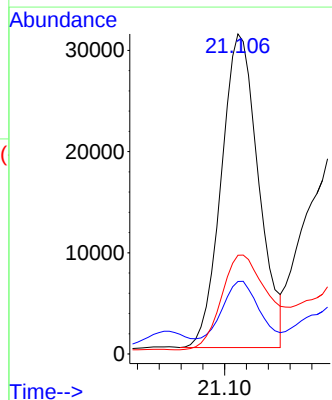
Tgt Ion:202 Resp: 43799
Ion Ratio Lower Upper
202 100
101 15.9 12.3 18.5
100 12.7 10.1 15.1



#21
Benzo(a)anthracene
Concen: 0.92 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.003 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22



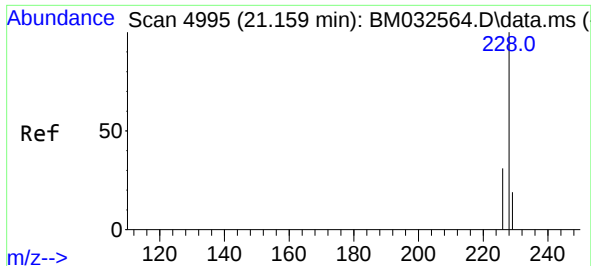
Tgt Ion:228 Resp: 36755
Ion Ratio Lower Upper
228 100
229 22.7 15.9 23.9
226 30.8 22.4 33.6



Instrument :
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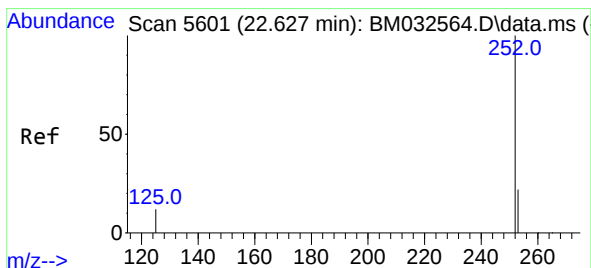
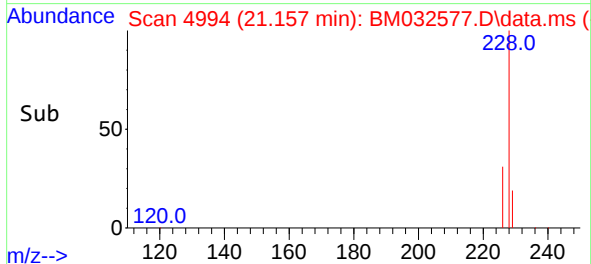
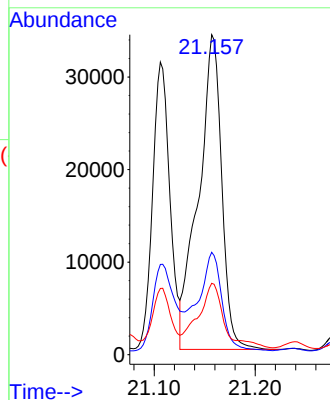
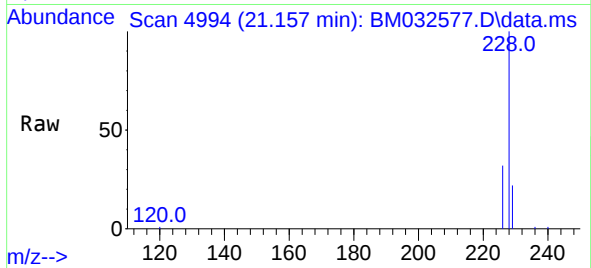
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Chrysene
Concen: 1.24 ng/u1
RT: 21.157 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:228	Resp:	54309
Ion Ratio	Lower	Upper
228	100	
226	32.0	25.1 37.7
229	22.3	15.7 23.5

Instrument :
BNA_M
ClientSampled :
C0B29

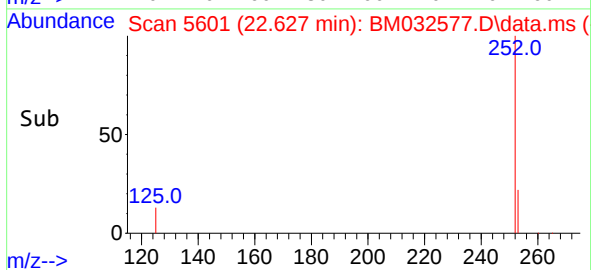
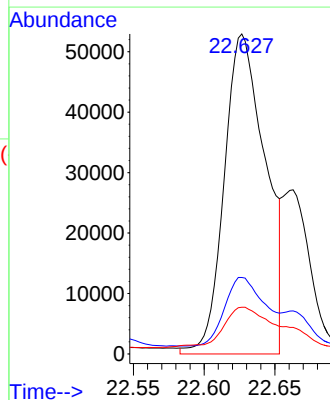
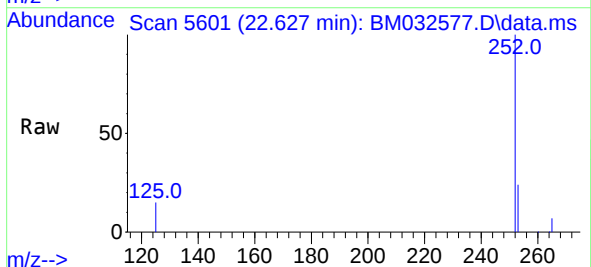
Manual Integrations
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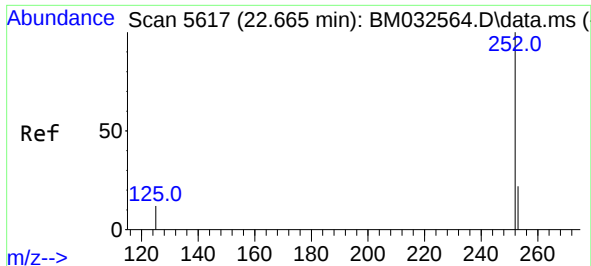
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#24
Benzo(b)fluoranthene
Concen: 2.11 ng/u1 m
RT: 22.627 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:252	Resp:	107246
Ion Ratio	Lower	Upper
252	100	
253	23.9	0.0 53.8
125	14.6	0.0 35.6





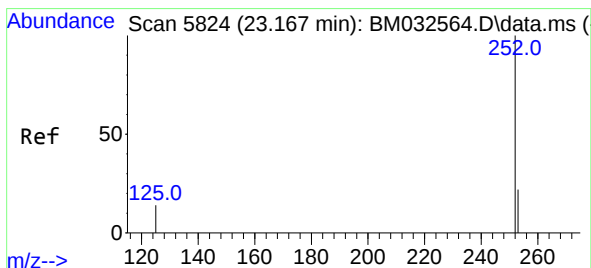
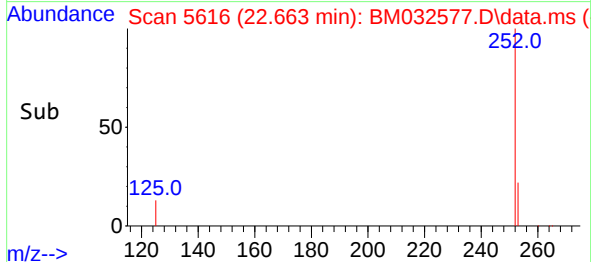
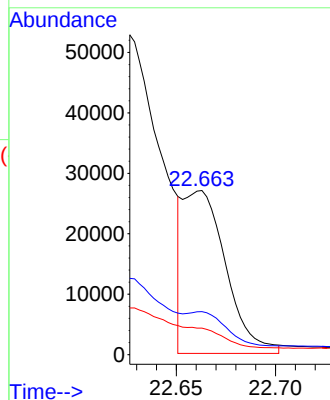
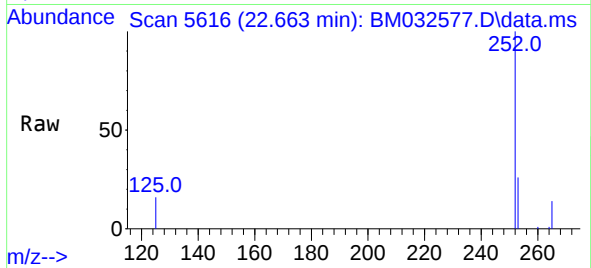
#25
Benzo(k)fluoranthene
Concen: 0.80 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.003 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:252	Resp:	40492
Ion Ratio	Lower	Upper
252	100	
253	26.3	21.8 32.6
125	16.1	14.4 21.6

Instrument :
BNA_M
ClientSampled :
C0B29

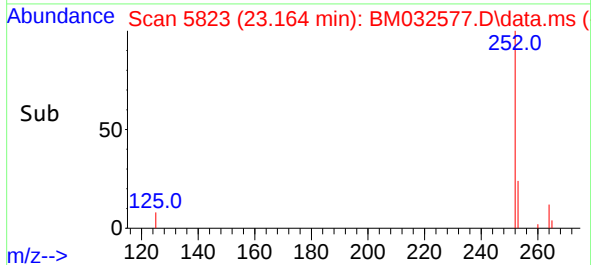
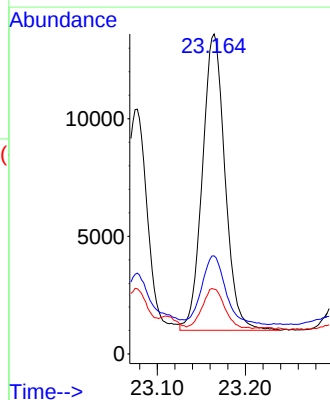
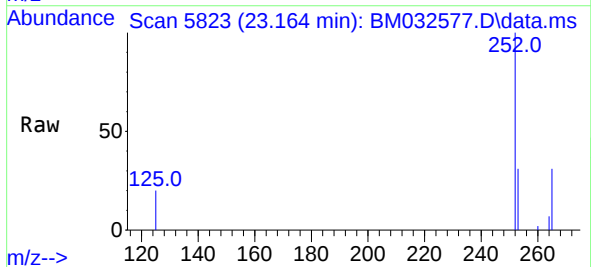
Manual Integrations
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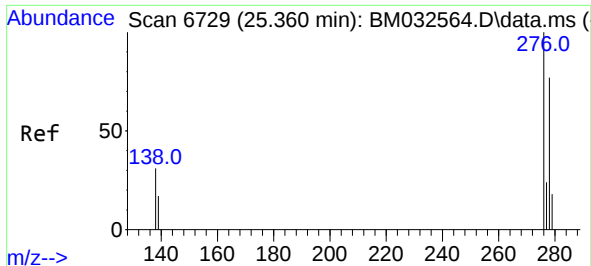
mohammad
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#26
Benzo(a)pyrene
Concen: 0.53 ng/ul
RT: 23.164 min Scan# 5823
Delta R.T. -0.003 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion:252	Resp:	22456
Ion Ratio	Lower	Upper
252	100	
253	30.6	23.6 35.4
125	20.2	17.1 25.7





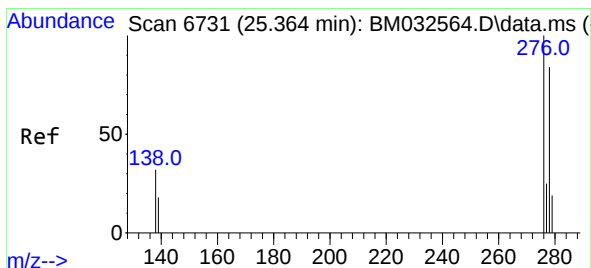
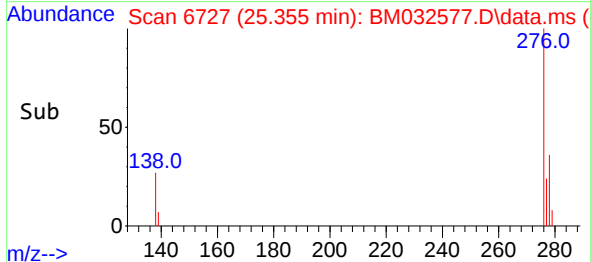
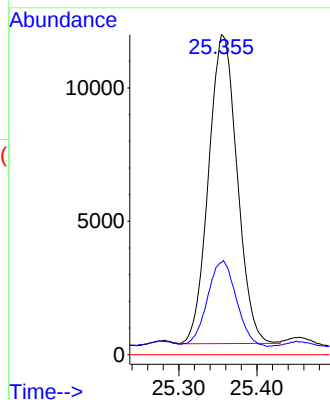
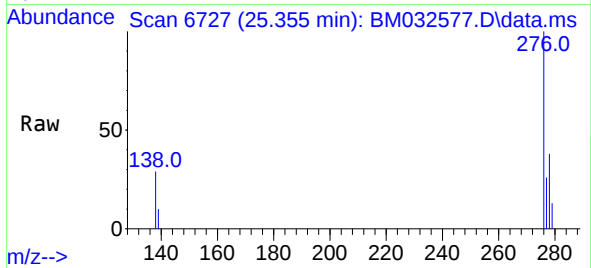
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.57 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.005 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion: 276 Resp: 29481
Ion Ratio Lower Upper
276 100
138 28.3 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C0B29

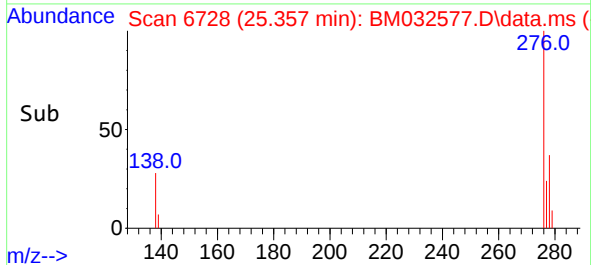
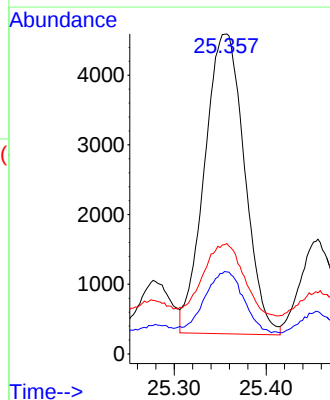
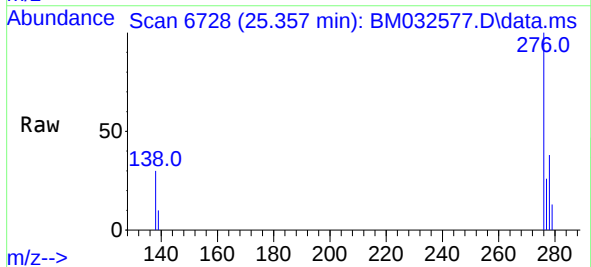
Manual Integrations
APPROVED

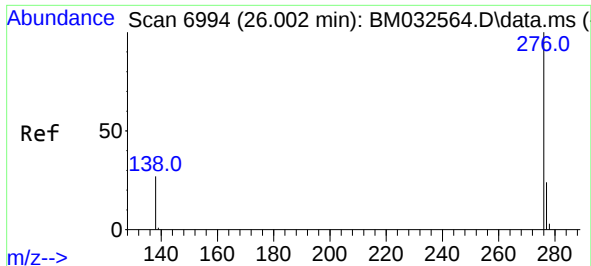
mohammad
10/19/2021 12:10:56 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.32 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.007 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion: 278 Resp: 12975
Ion Ratio Lower Upper
278 100
139 25.6 18.6 28.0
279 34.5 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 25.999 min Scan# 6993
Delta R.T. -0.003 min
Lab File: BM032577.D
Acq: 18 Oct 2021 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	53.4	22.6	33.8#
277	51.4	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
C0B29

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:56 PM

