

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032553.D
 Acq On : 16 Oct 2021 08:23
 Operator : CG/JU
 Sample : M4029-18DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00S9DL

Manual Integrations
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Quant Time: Oct 18 05:28:13 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 : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	8162	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	26096	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	13414	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	26384	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	16810	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	12799	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	2361	0.26	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	612	0.02	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	1165	0.02	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.388	128	3182	0.04	ng/ul#	92
7) 2-Methylnaphthalene	12.012	142	2120	0.04	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	1271	0.02	ng/ul	99
10) Acenaphthylene	13.928	152	2704	0.05	ng/ul	97
12) Fluorene	15.259	166	1225	0.02	ng/ul#	95
15) Phenanthrene	16.988	178	27023	0.30	ng/ul	99
16) Anthracene	17.074	178	4052	0.05	ng/ul	96
19) Fluoranthene	19.000	202	77704	0.93	ng/ul	100
20) Pyrene	19.362	202	66811	0.78	ng/ul	100
21) Benzo(a)anthracene	21.108	228	25049	0.38	ng/ul	98
22) Chrysene	21.159	228	32195	0.45	ng/ul	98
24) Benzo(b)fluoranthene	22.626	252	38158m	0.65	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	14033m	0.24	ng/ul	
26) Benzo(a)pyrene	23.164	252	21972	0.44	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.359	276	17678	0.29	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.362	278	3926	0.08	ng/ul#	76
29) Benzo(g,h,i)perylene	26.001	276	15147	0.29	ng/ul	98

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

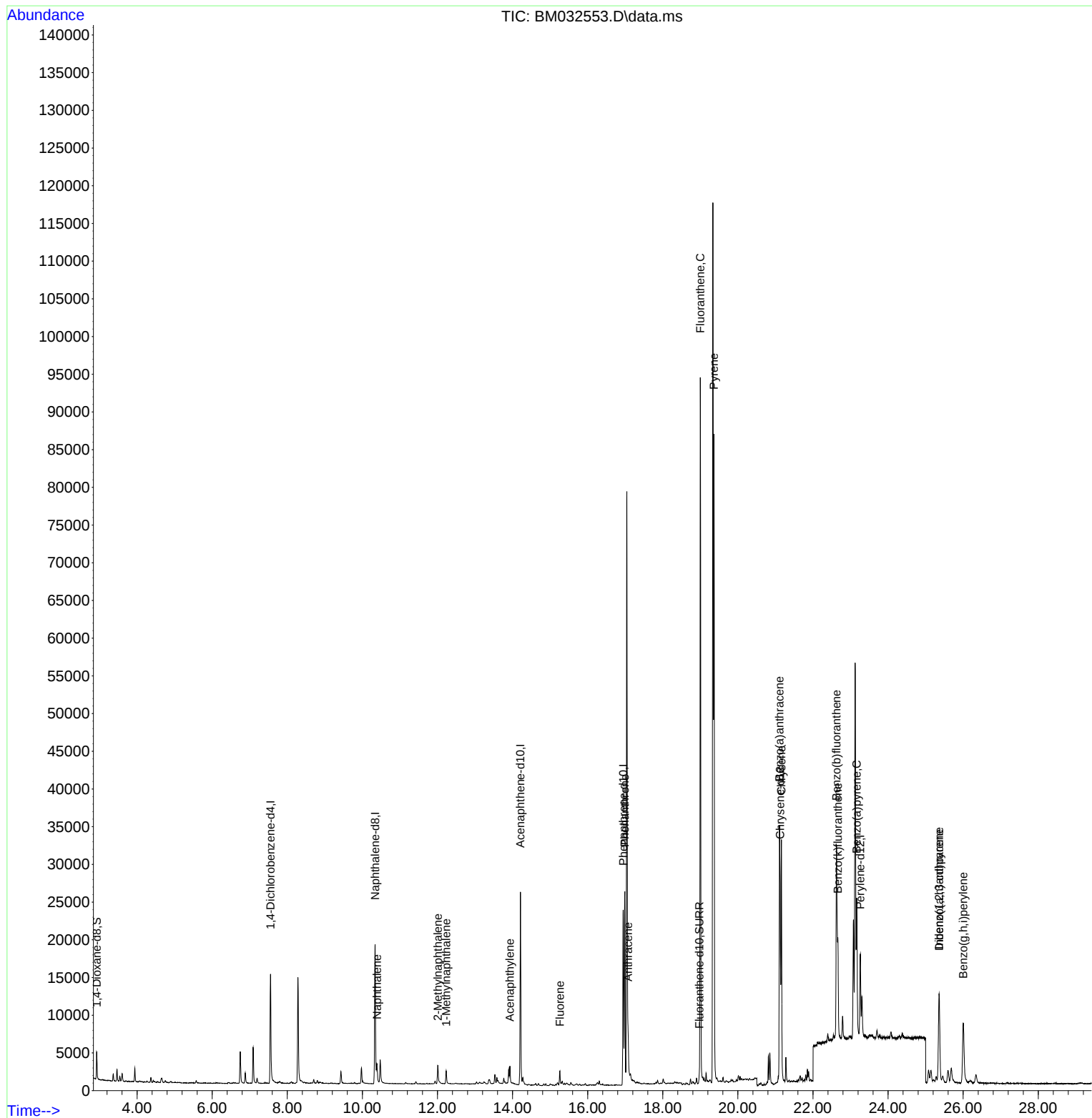
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Data File : BM032553.D
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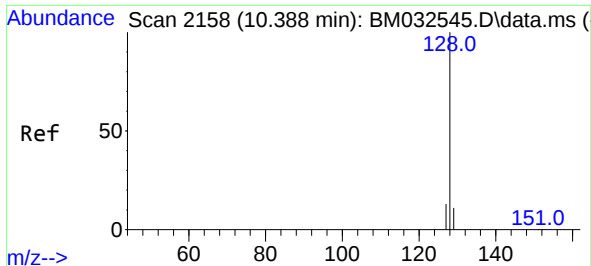
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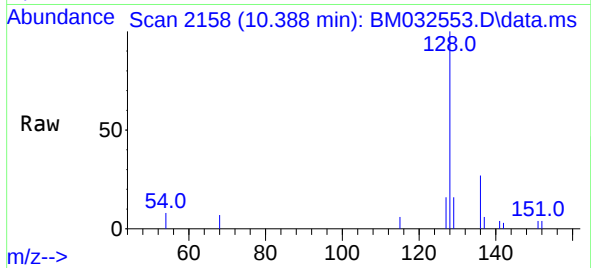
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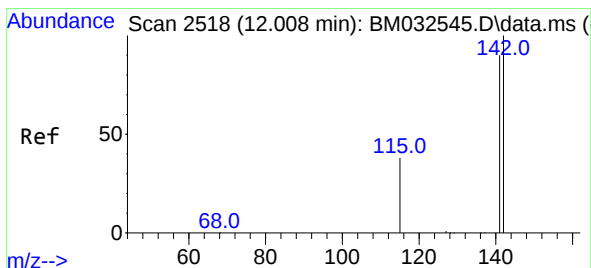
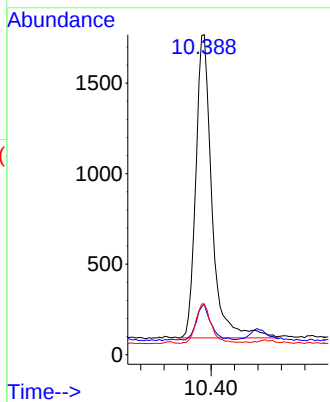
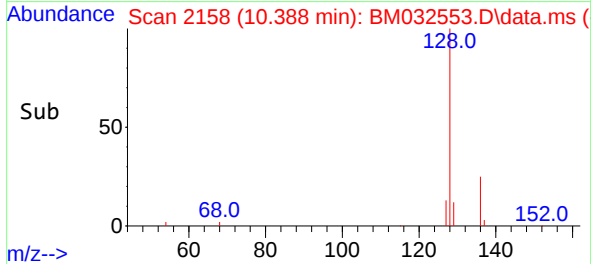




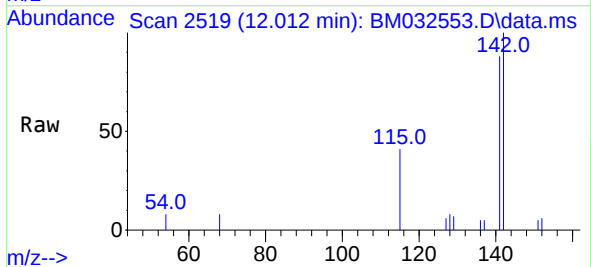
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.388 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23



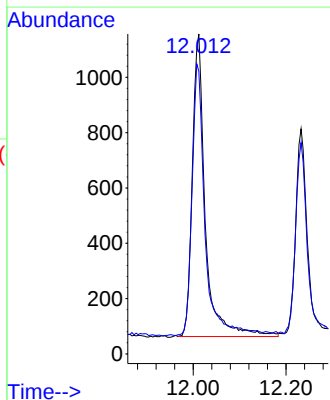
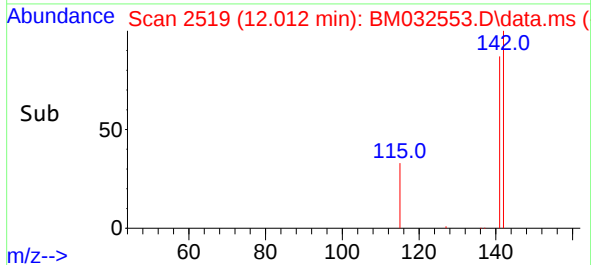
Tgt Ion:128 Resp: 3182
Ion Ratio Lower Upper
128 100
129 15.8 9.1 13.7#
127 15.8 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23



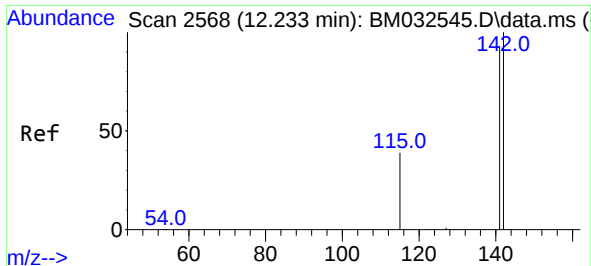
Tgt Ion:142 Resp: 2120
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2



Instrument :
BNA_M
ClientSampleId :
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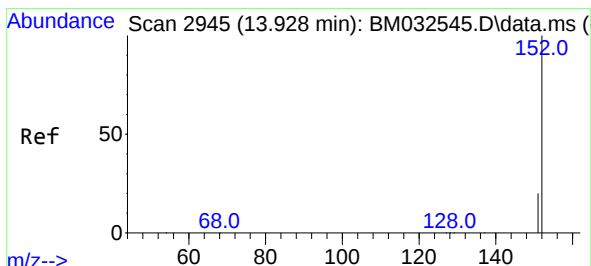
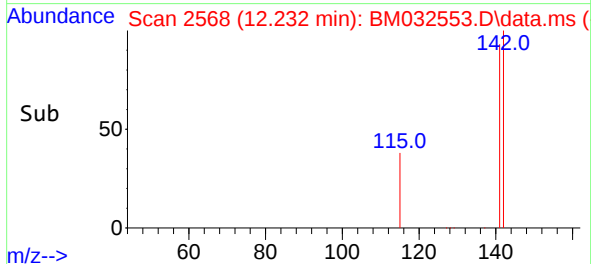
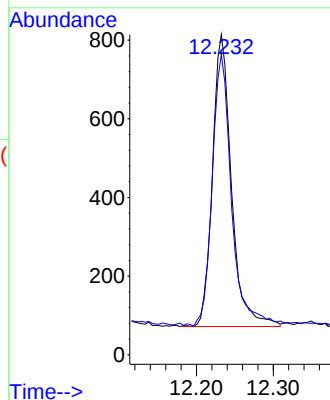
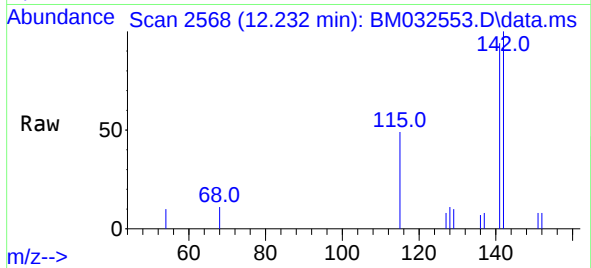
#8
1-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion:142 Resp: 1271
Ion Ratio Lower Upper
142 100
141 92.5 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C00S9DL

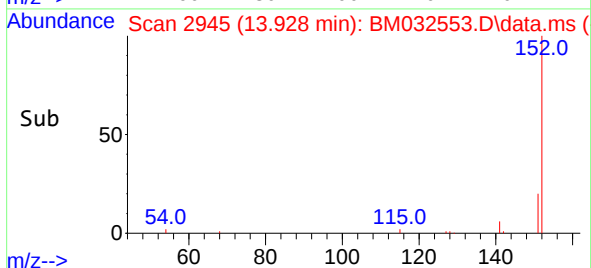
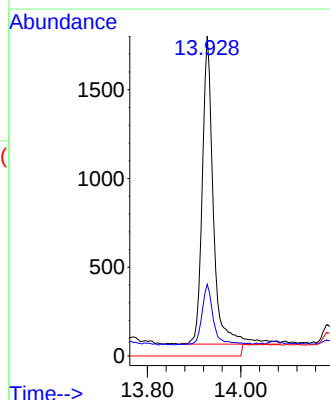
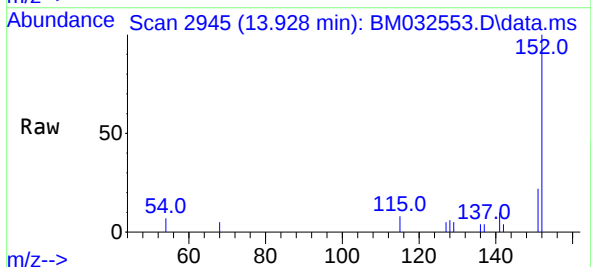
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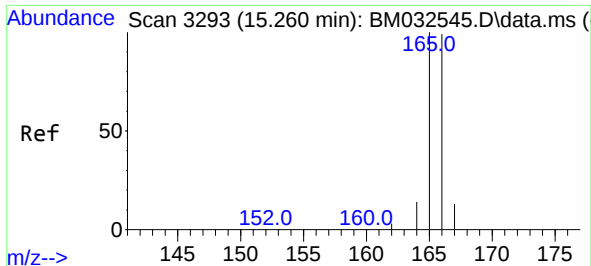
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#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.005 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion:152 Resp: 2704
Ion Ratio Lower Upper
152 100
151 22.4 16.7 25.1
153 0.0 0.0 0.0





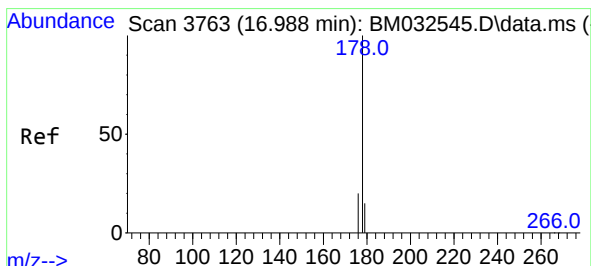
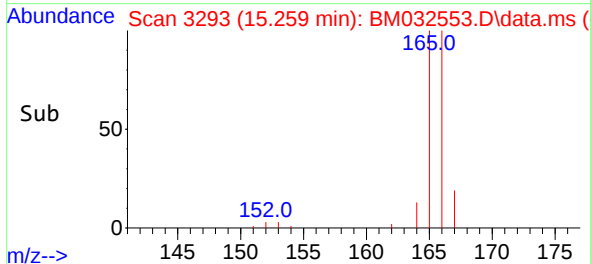
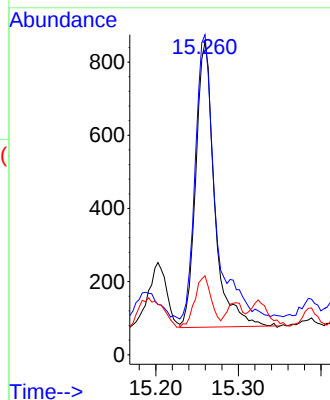
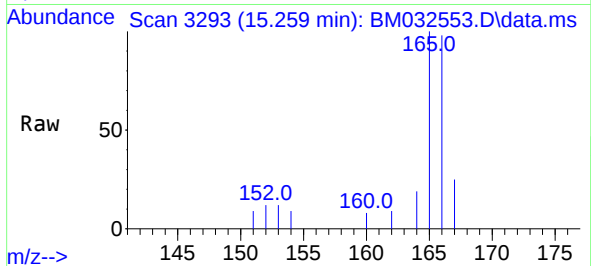
#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.259 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion:166 Resp: 1225
Ion Ratio Lower Upper
166 100
165 102.5 80.7 121.1
167 25.3 11.2 16.8#

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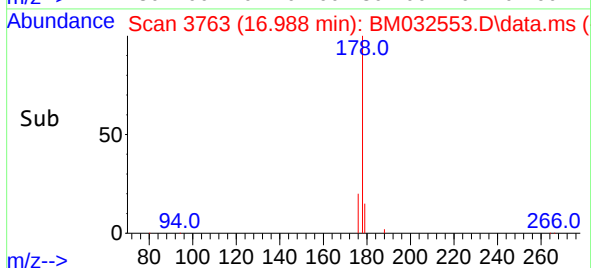
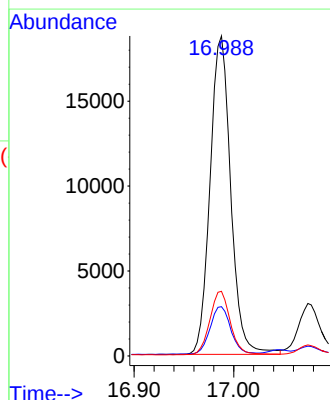
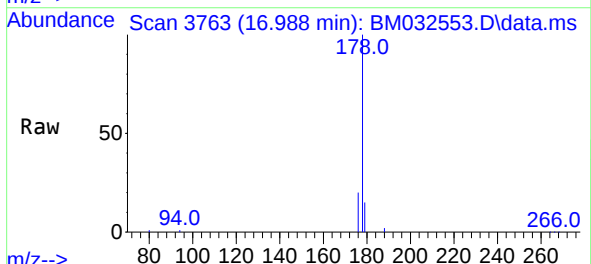
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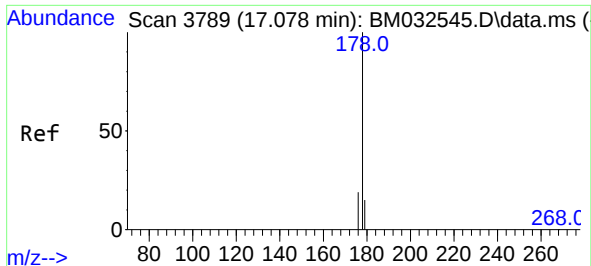
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#15
Phenanthrene
Concen: 0.30 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

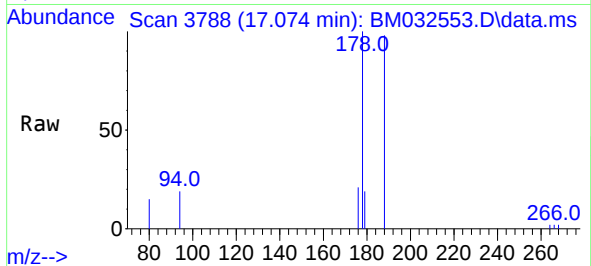
Tgt Ion:178 Resp: 27023
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 20.2 16.1 24.1





#16
 Anthracene
 Concen: 0.05 ng/ul
 RT: 17.074 min Scan# 3788
 Delta R.T. -0.010 min
 Lab File: BM032553.D
 Acq: 16 Oct 2021 08:23

Instrument :
 BNA_M
 ClientSampleId :
 C00S9DL

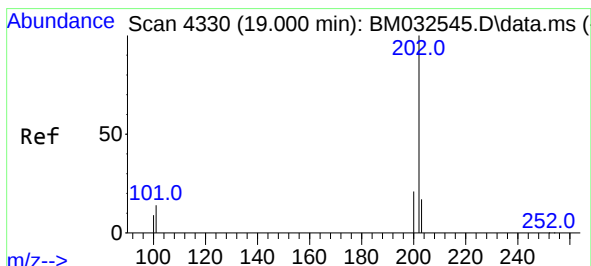
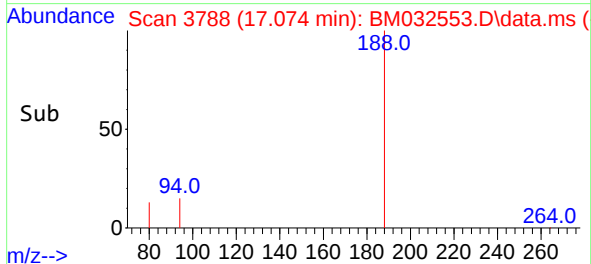
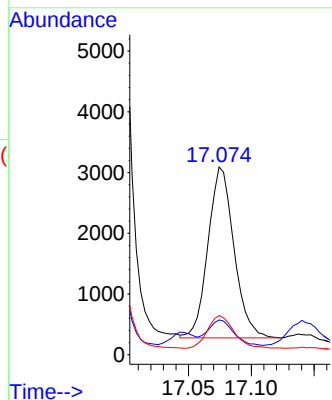


Tgt Ion:178 Resp: 4052

Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.9	19.3
176	20.9	15.8	23.6

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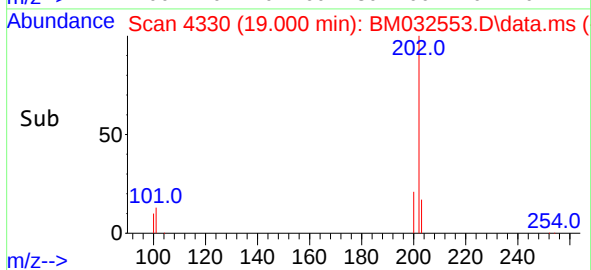
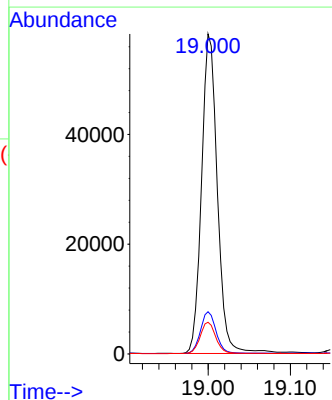
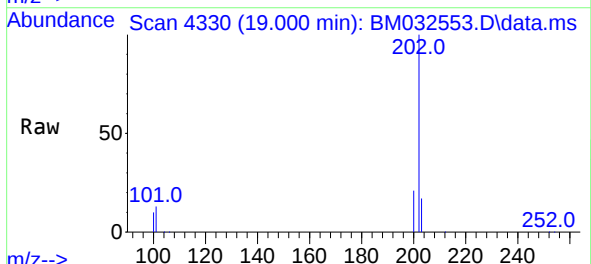
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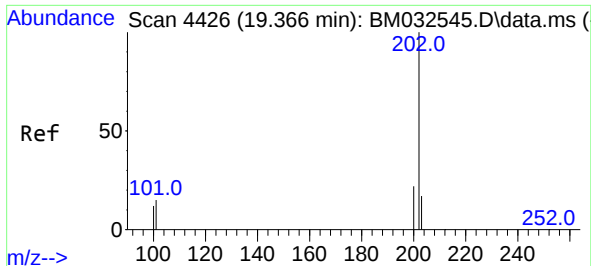


#19
 Fluoranthene
 Concen: 0.93 ng/ul
 RT: 19.000 min Scan# 4330
 Delta R.T. -0.012 min
 Lab File: BM032553.D
 Acq: 16 Oct 2021 08:23

Tgt Ion:202 Resp: 77704

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	16.0
100	9.9	7.8	11.8





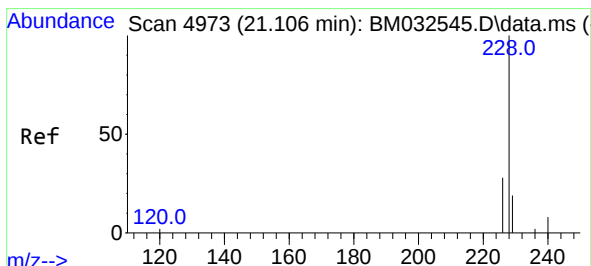
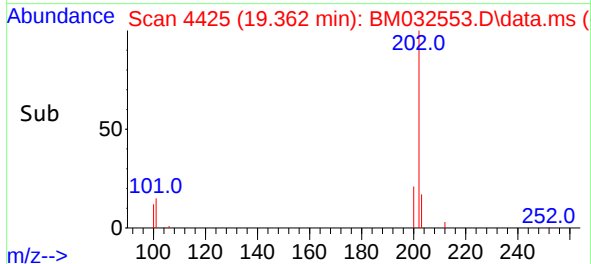
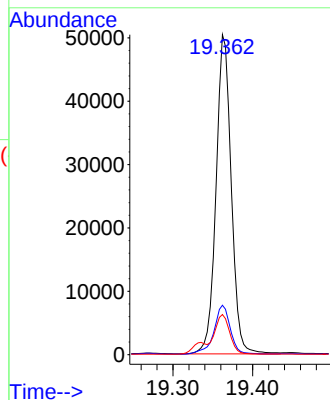
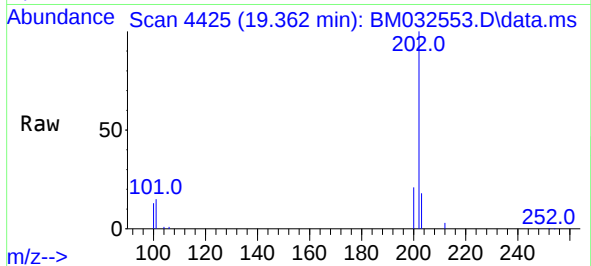
#20
Pyrene
Concen: 0.78 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.012 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion:	202	Resp:	66811
Ion Ratio	Lower	Upper	
202	100		
101	15.5	12.3	18.5
100	12.6	10.1	15.1

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ClientSampleId :
C00S9DL

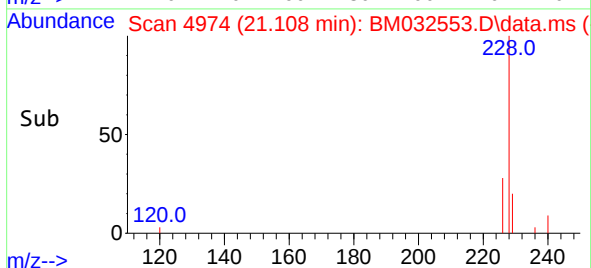
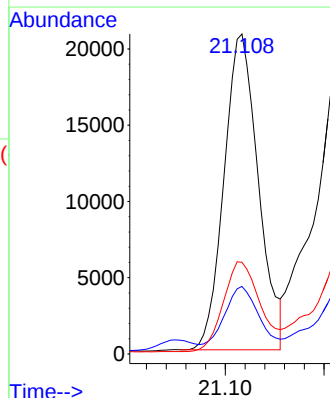
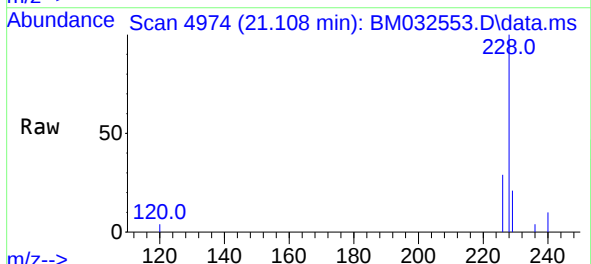
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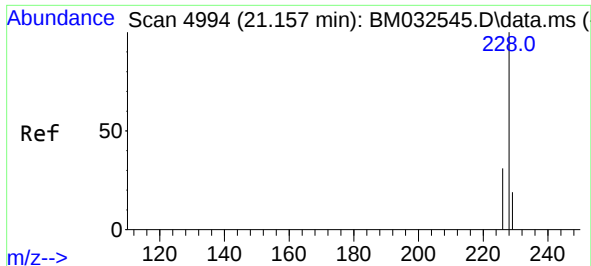
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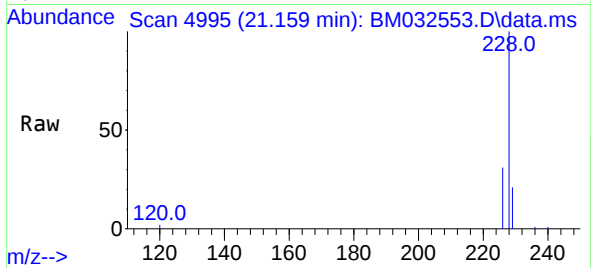
#21
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion:	228	Resp:	25049
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.9	23.9
226	28.7	22.4	33.6

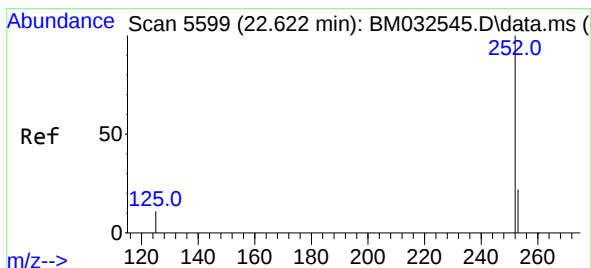
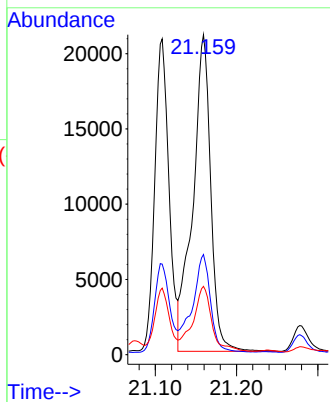
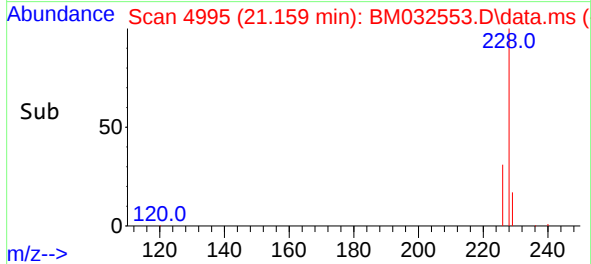




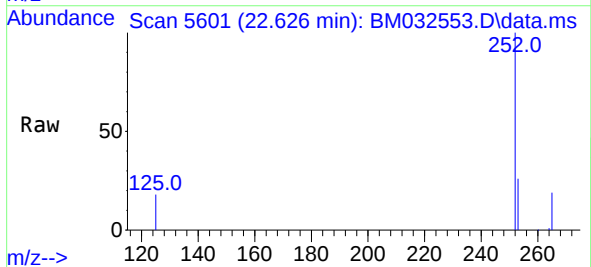
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Chrysene
Concen: 0.45 ng/u1
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23



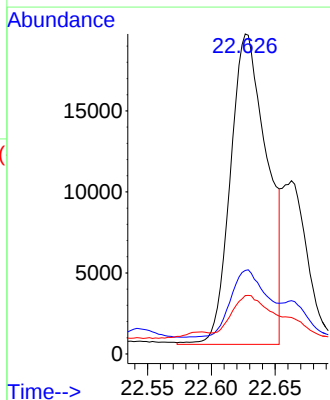
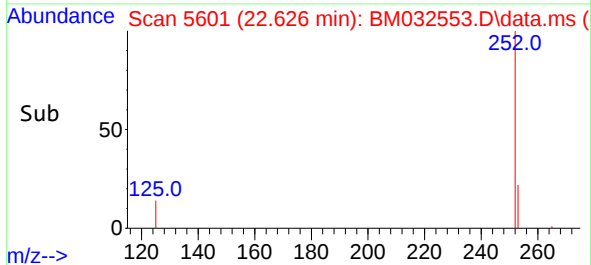
Tgt Ion:228 Resp: 32195
Ion Ratio Lower Upper
228 100
226 31.3 25.1 37.7
229 21.3 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.65 ng/u1 m
RT: 22.626 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23



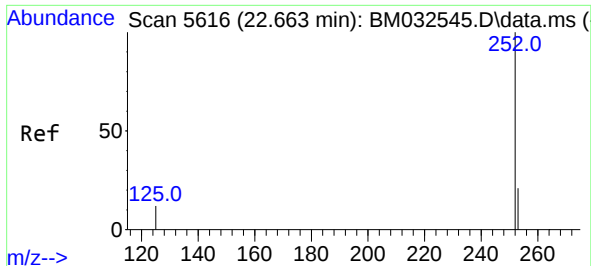
Tgt Ion:252 Resp: 38158
Ion Ratio Lower Upper
252 100
253 26.1 0.0 53.8
125 18.2 0.0 35.6



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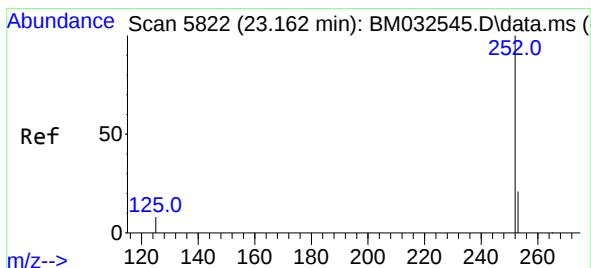
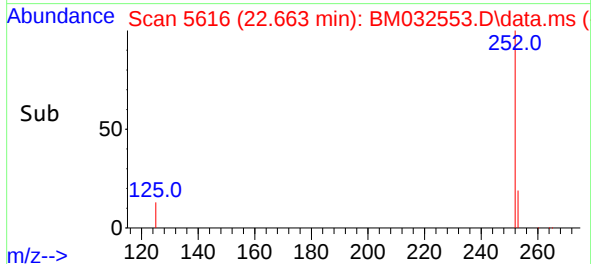
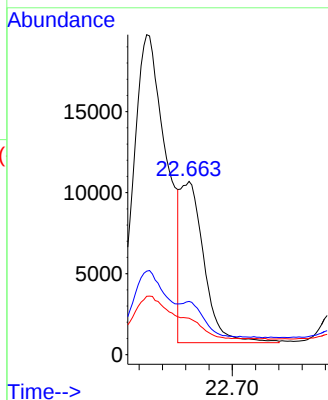
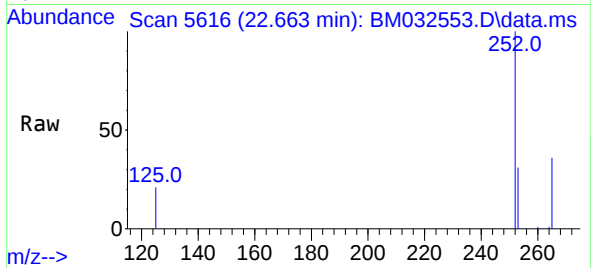
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Benzo(k)fluoranthene
Concen: 0.24 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion:252	Resp:	14033
Ion Ratio	Lower	Upper
252	100	
253	30.7	21.8 32.6
125	21.1	14.4 21.6

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C00S9DL

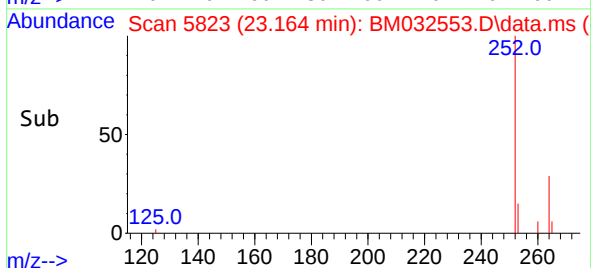
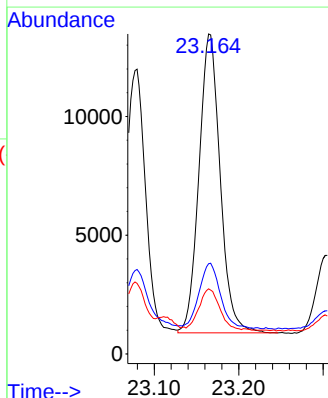
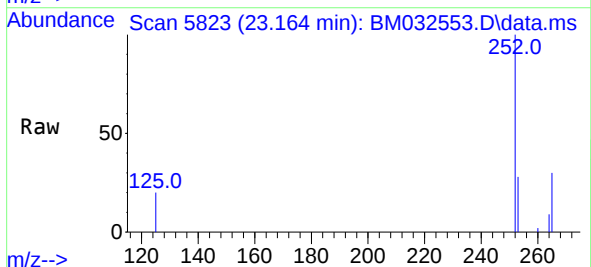
Manual Integrations
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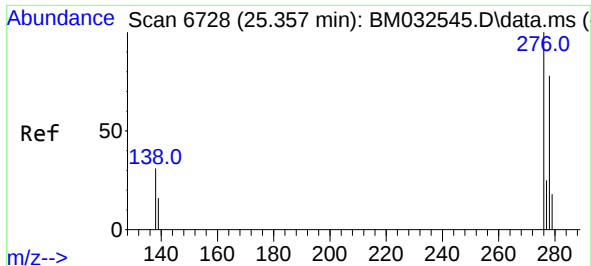
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#26
Benzo(a)pyrene
Concen: 0.44 ng/ul
RT: 23.164 min Scan# 5823
Delta R.T. -0.019 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion:252	Resp:	21972
Ion Ratio	Lower	Upper
252	100	
253	28.2	23.6 35.4
125	20.4	17.1 25.7





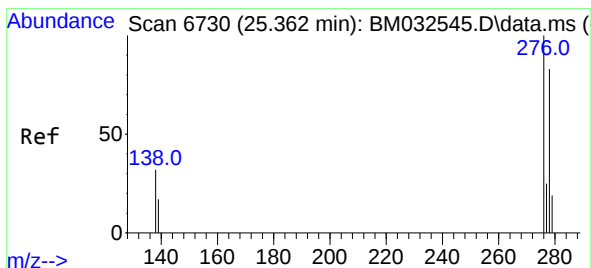
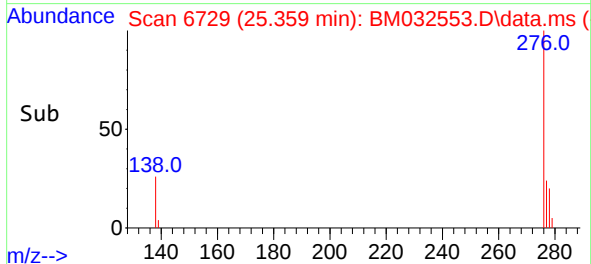
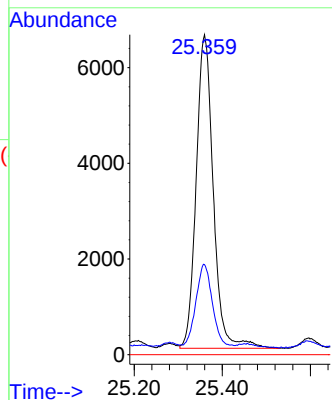
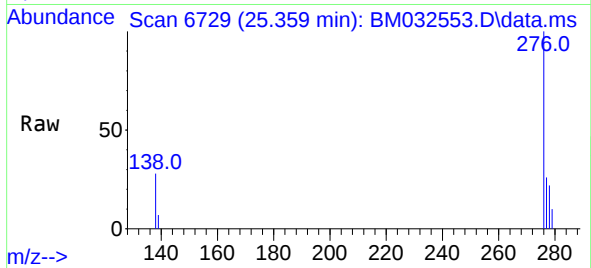
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.29 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.027 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion: 276 Resp: 17678
Ion Ratio Lower Upper
276 100
138 25.4 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C00S9DL

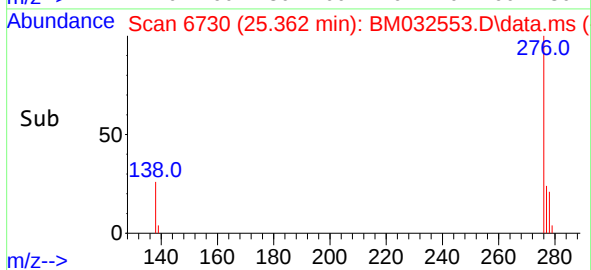
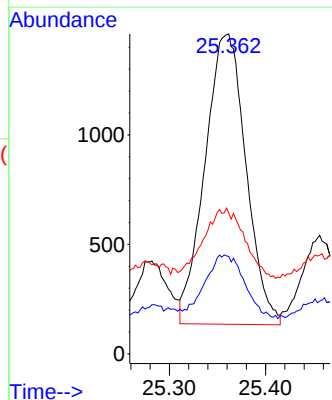
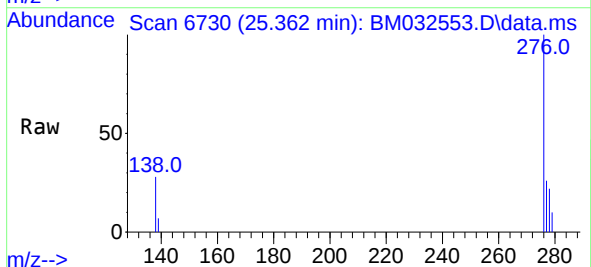
Manual Integrations
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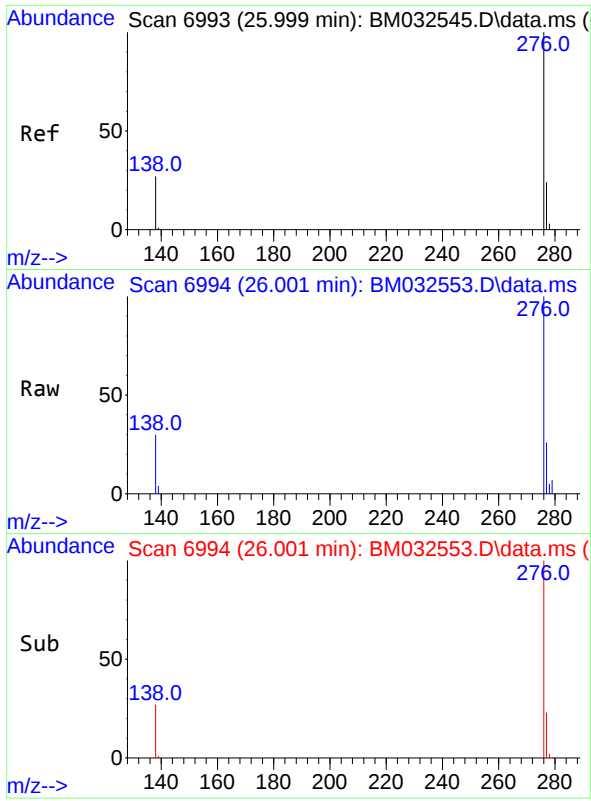
mohammad
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#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.032 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

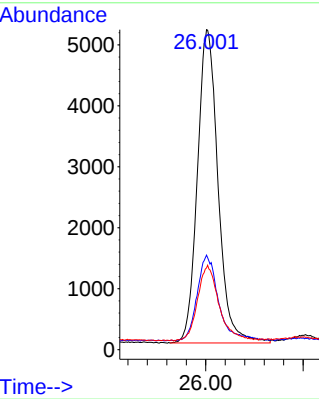
Tgt Ion: 278 Resp: 3926
Ion Ratio Lower Upper
278 100
139 30.5 18.6 28.0#
279 43.9 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.29 ng/ul
RT: 26.001 min Scan# 6994
Delta R.T. -0.029 min
Lab File: BM032553.D
Acq: 16 Oct 2021 08:23

Tgt Ion:	276	Resp:	15147
Ion	Ratio	Lower	Upper
276	100		
138	29.5	22.6	33.8
277	25.6	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00S9DL

Manual Integrations
APPROVED

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