

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032362.D
 Acq On : 07 Oct 2021 18:31
 Operator : CG/JU
 Sample : M3879-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW407

Manual Integrations
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mohammad
 10/11/2021 2:08:38 PM

Quant Time: Oct 08 03:34:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	5873	0.40	ng/ul	0.00
4) Naphthalene-d8	10.415	136	20590	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	11438	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.998	188	23846	0.40	ng/ul	0.00
17) Chrysene-d12	21.159	240	19520	0.40	ng/ul	0.00
23) Perylene-d12	23.302	264	18528	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.965	96	16111	2.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	6615	0.24	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	14868	0.28	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.460	128	6296	0.10	ng/ul	96
7) 2-Methylnaphthalene	12.080	142	4650	0.12	ng/ul	99
8) 1-Methylnaphthalene	12.300	142	3589	0.09	ng/ul	99
10) Acenaphthylene	13.991	152	1785	0.04	ng/ul#	78
15) Phenanthrene	17.036	178	22019	0.28	ng/ul	100
16) Anthracene	17.126	178	2808	0.04	ng/ul#	89
19) Fluoranthene	19.046	202	61551	0.76	ng/ul	98
20) Pyrene	19.408	202	54281	0.66	ng/ul	100
21) Benzo(a)anthracene	21.142	228	19608	0.28	ng/ul	96
22) Chrysene	21.193	228	34457	0.43	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	49552m	0.52	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	15829m	0.17	ng/ul	
26) Benzo(a)pyrene	23.208	252	26958	0.37	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.420	276	23543	0.25	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.418	278	5039	0.07	ng/ul#	59
29) Benzo(g,h,i)perylene	26.074	276	21729	0.25	ng/ul#	92

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

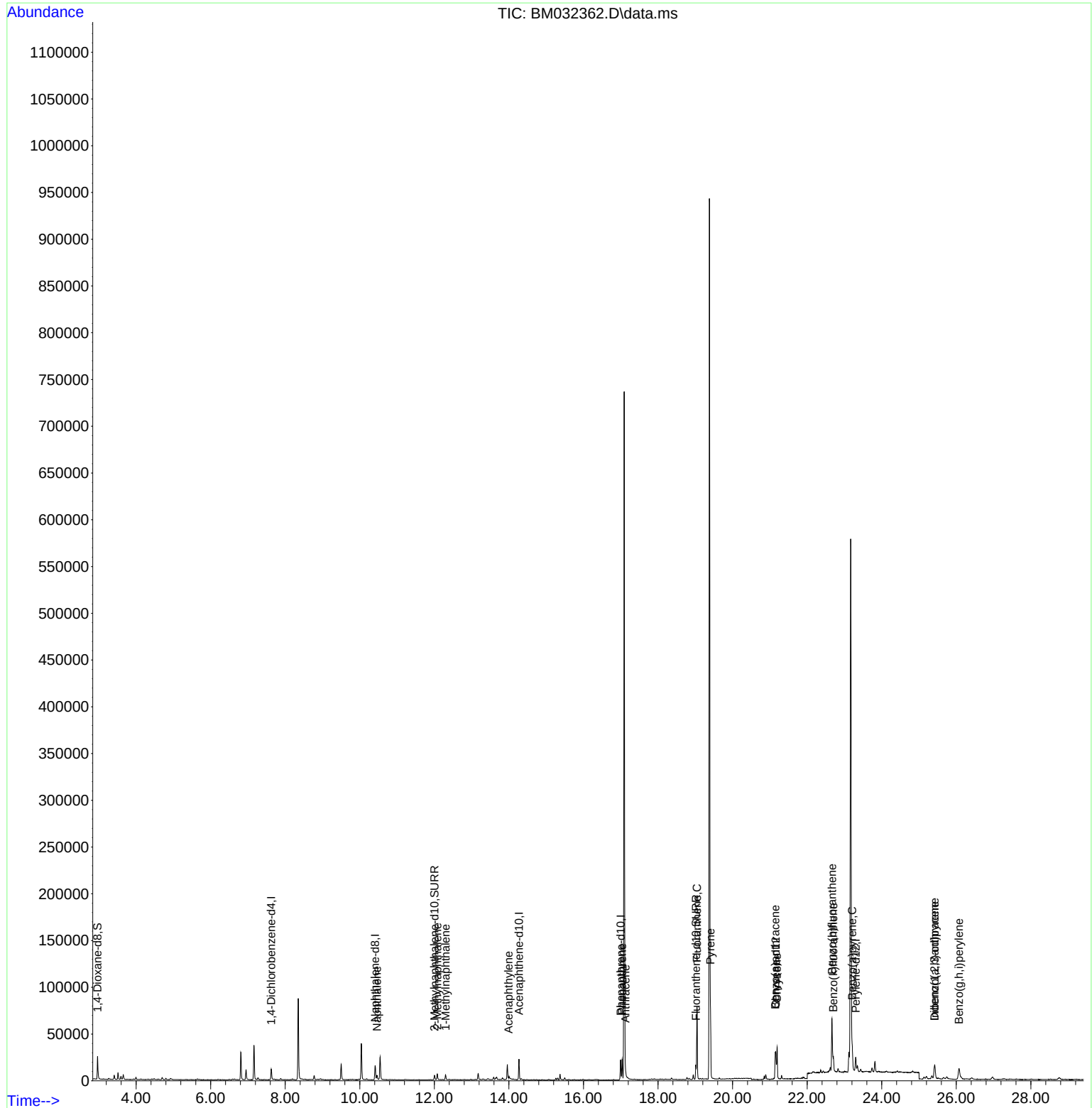
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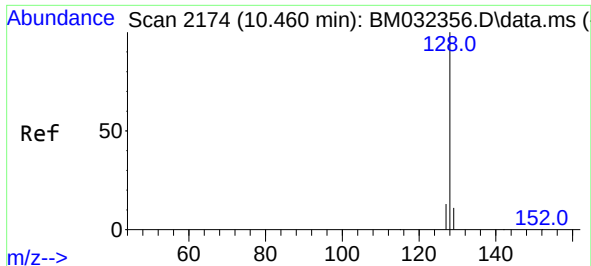
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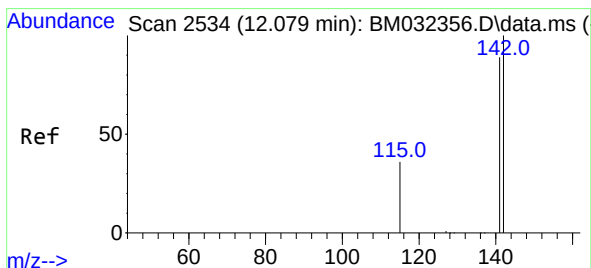
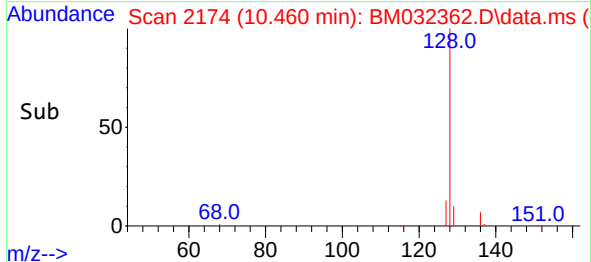
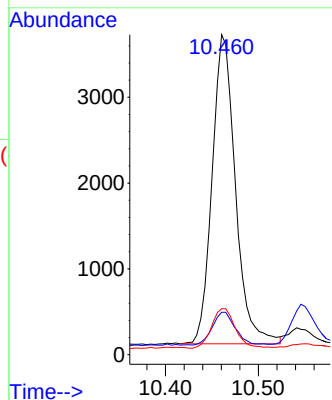
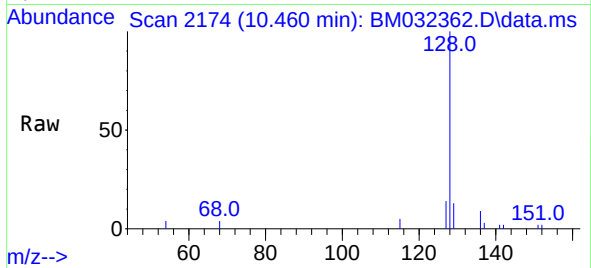
#5
Naphthalene
Concen: 0.10 ng/ul
RT: 10.460 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:	128	Resp:	6296
Ion Ratio	Lower	Upper	
128	100		
129	13.2	9.0	13.4
127	14.4	10.5	15.7

Instrument :
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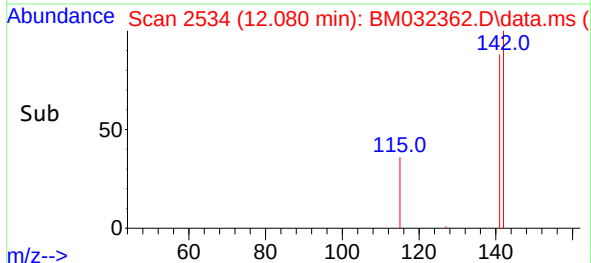
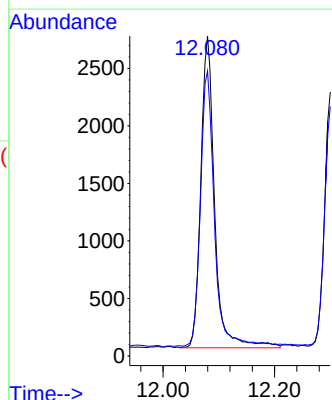
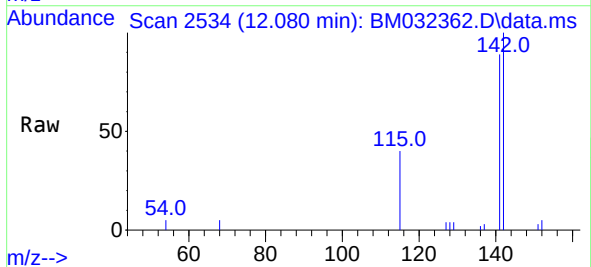
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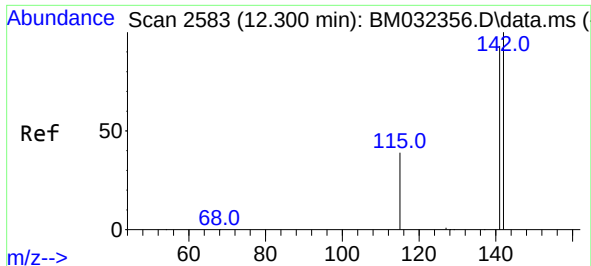
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#7
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.080 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:	142	Resp:	4650
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.2	106.8





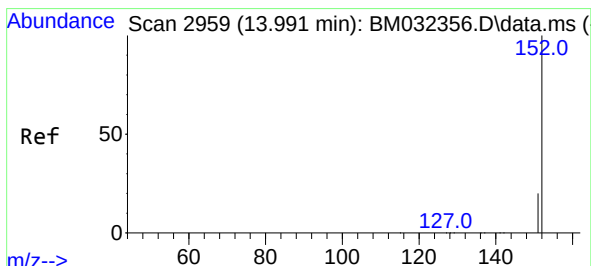
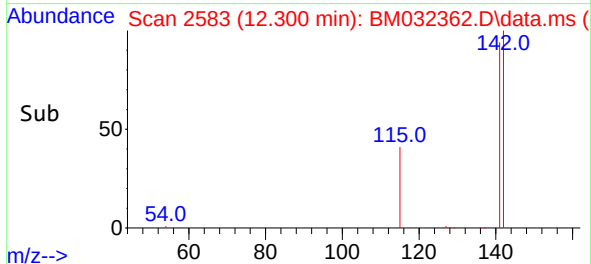
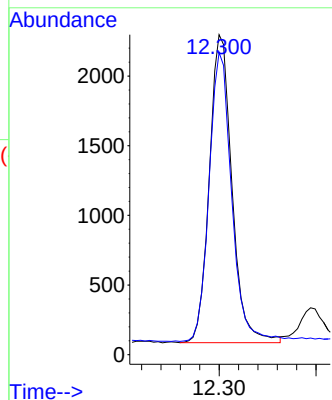
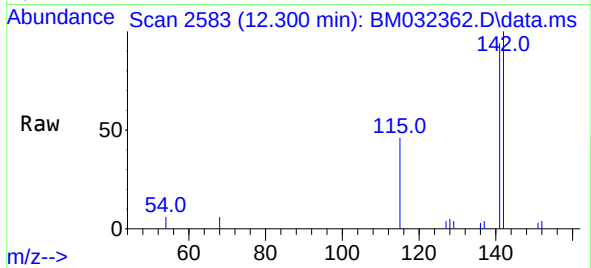
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1-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:142 Resp: 3589
Ion Ratio Lower Upper
142 100
141 93.5 73.8 110.6

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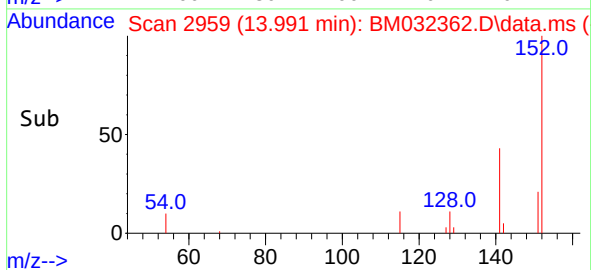
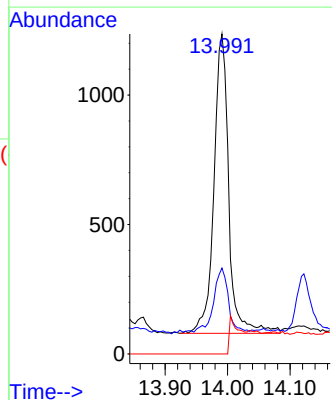
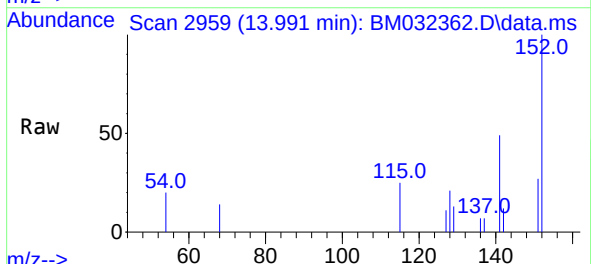
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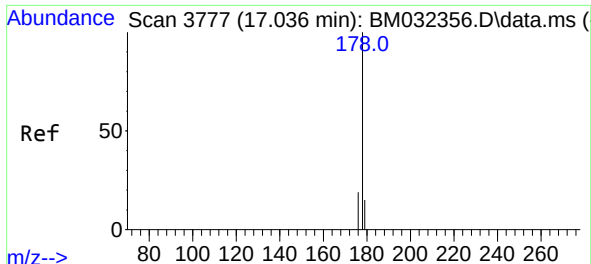
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#10
Acenaphthylene
Concen: 0.04 ng/ul
RT: 13.991 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:152 Resp: 1785
Ion Ratio Lower Upper
152 100
151 26.9 16.0 24.0#
153 0.0 10.7 16.1#





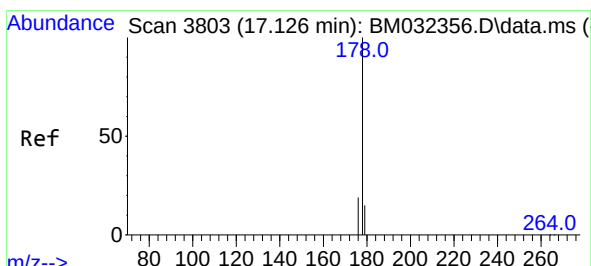
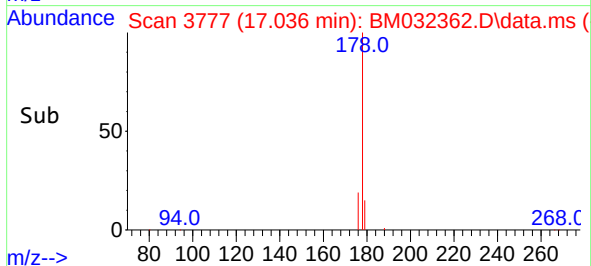
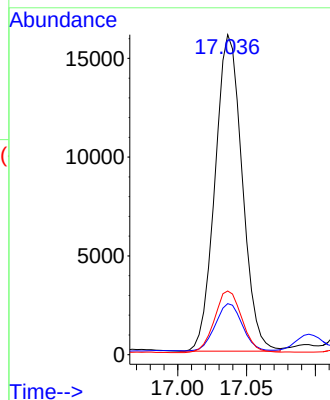
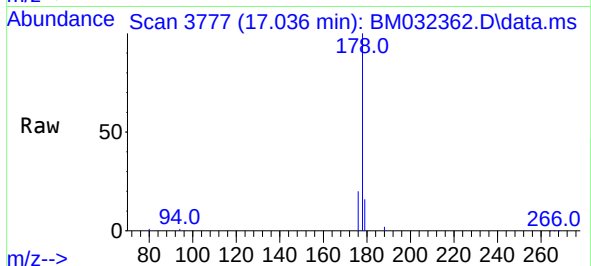
#15
Phenanthrene
Concen: 0.28 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:	178	Resp:	22019
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.9	15.8	23.6

Instrument :
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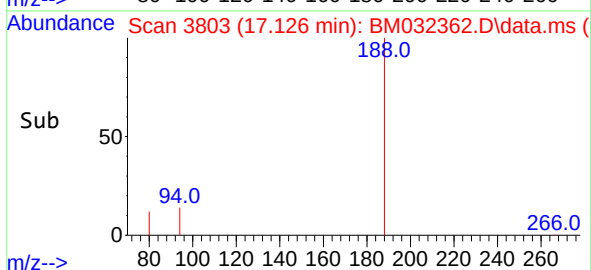
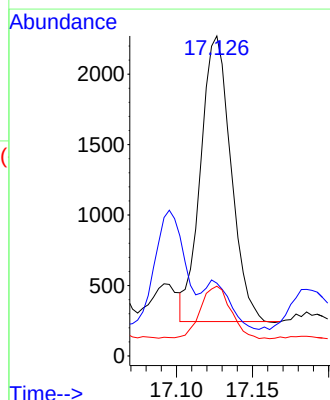
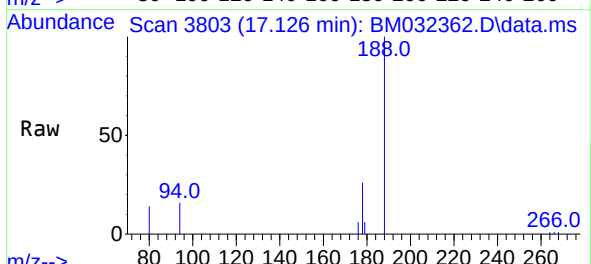
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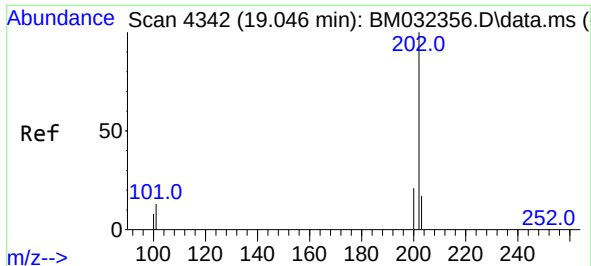
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#16
Anthracene
Concen: 0.04 ng/ul
RT: 17.126 min Scan# 3803
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:	178	Resp:	2808
Ion	Ratio	Lower	Upper
178	100		
179	22.8	12.7	19.1#
176	21.8	15.3	22.9





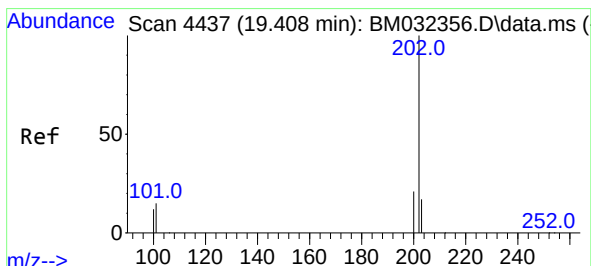
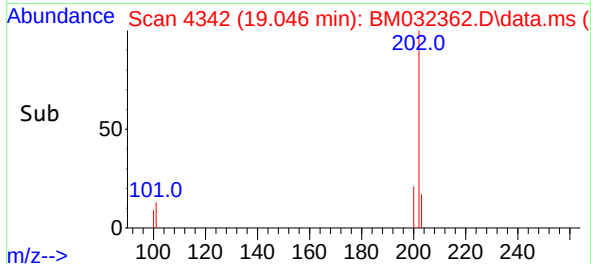
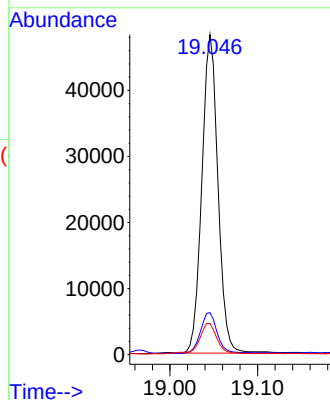
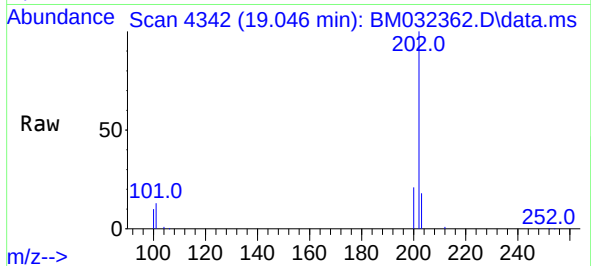
#19
Fluoranthene
Concen: 0.76 ng/ul
RT: 19.046 min Scan# 4342
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:	202	Resp:	61551
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.8	14.8
100	9.8	7.2	10.8

Instrument :
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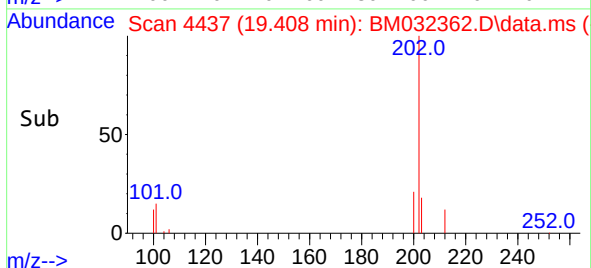
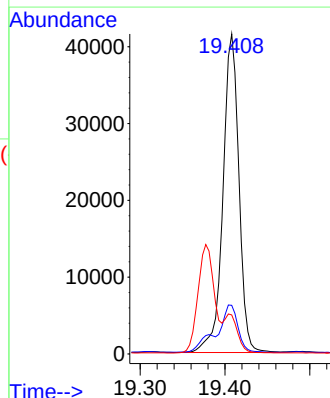
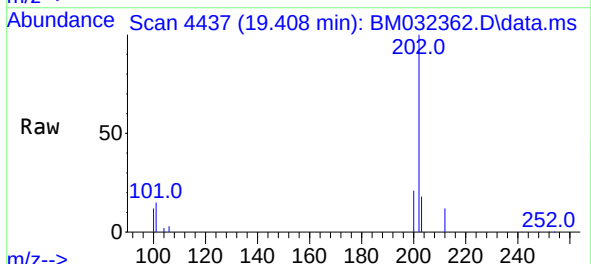
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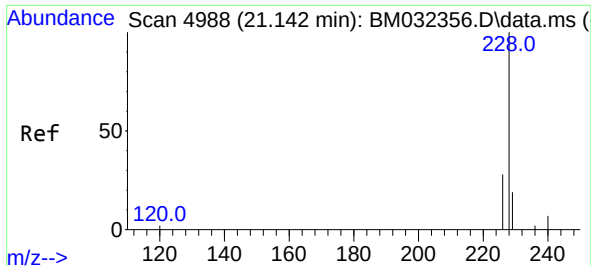
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#20
Pyrene
Concen: 0.66 ng/ul
RT: 19.408 min Scan# 4437
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:	202	Resp:	54281
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.1	18.1
100	12.2	9.8	14.6





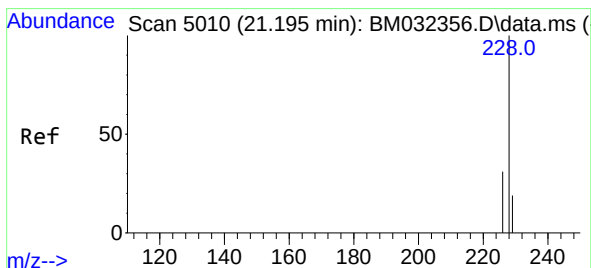
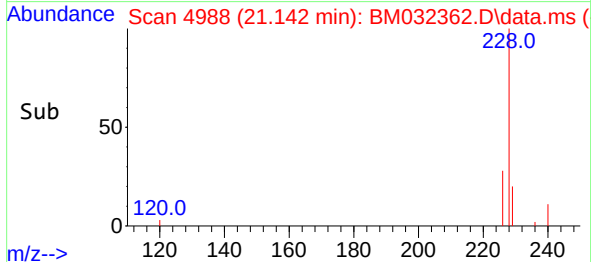
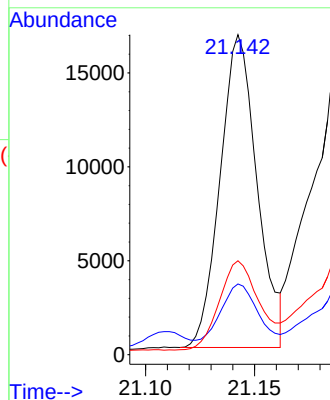
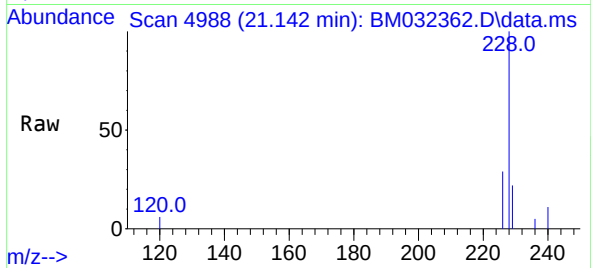
#21
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.142 min Scan# 4988
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:	228	Resp:	19608
Ion Ratio	Lower	Upper	
228	100		
229	22.1	16.0	24.0
226	29.4	22.3	33.5

Instrument :
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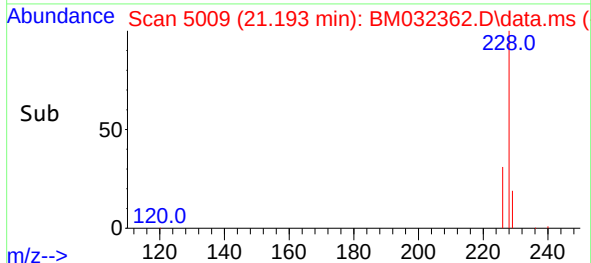
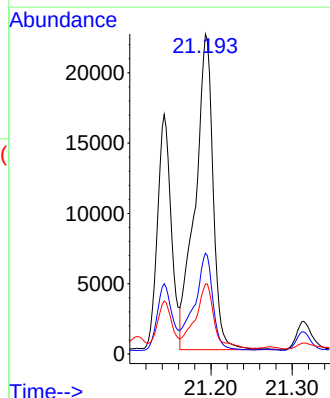
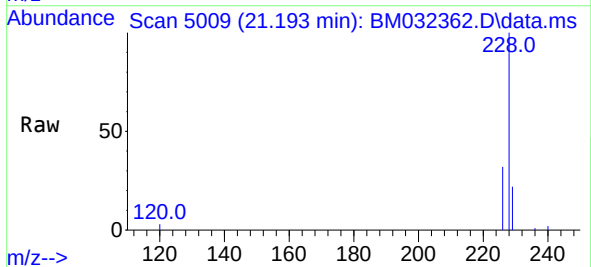
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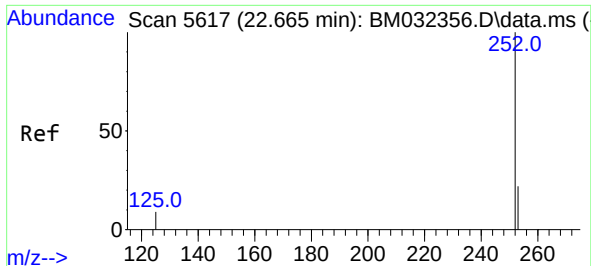
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#22
Chrysene
Concen: 0.43 ng/ul
RT: 21.193 min Scan# 5009
Delta R.T. -0.002 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:	228	Resp:	34457
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.6	37.0
229	21.9	15.6	23.4





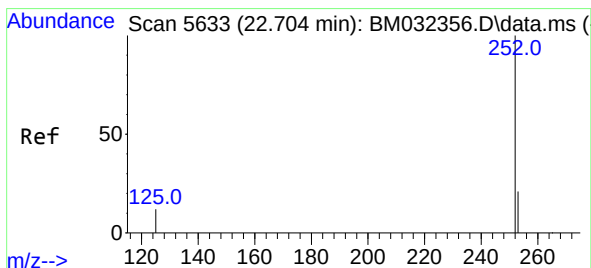
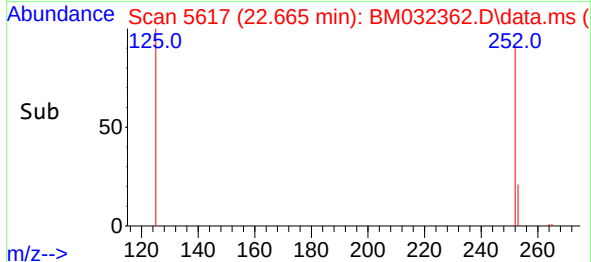
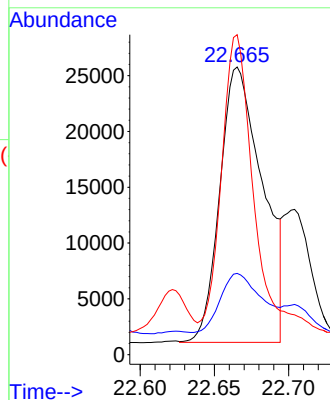
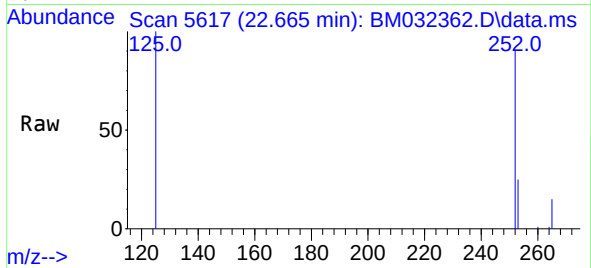
#24
Benzo(b)fluoranthene
Concen: 0.52 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:252 Resp: 49552
Ion Ratio Lower Upper
252 100
253 28.3 0.0 58.0
125 111.2 0.0 31.4#

Instrument :
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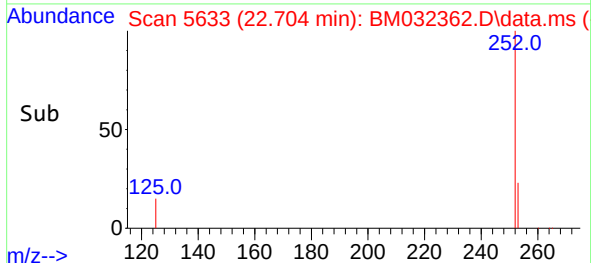
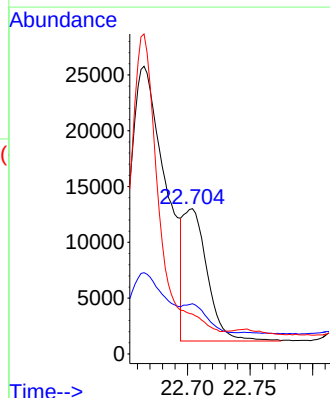
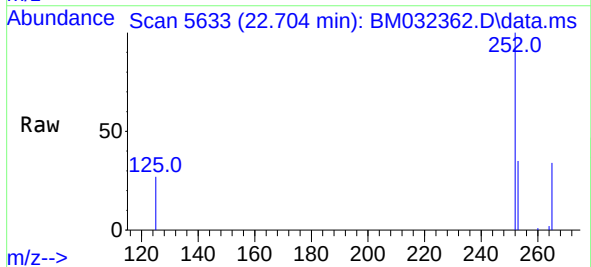
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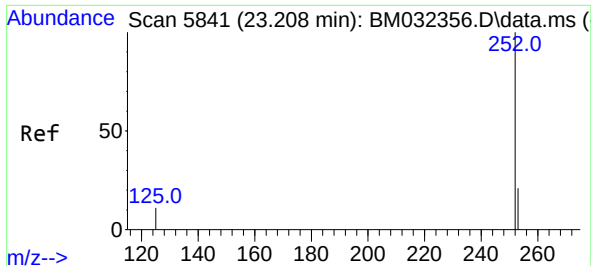
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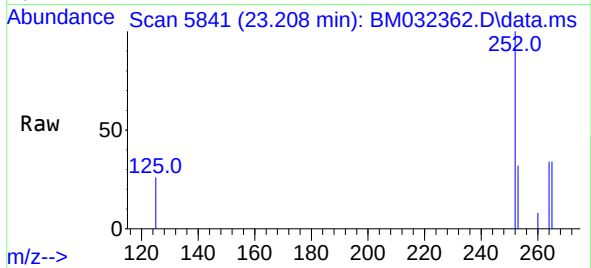
#25
Benzo(k)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.704 min Scan# 5633
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion:252 Resp: 15829
Ion Ratio Lower Upper
252 100
253 34.5 22.9 34.3#
125 27.4 12.9 19.3#

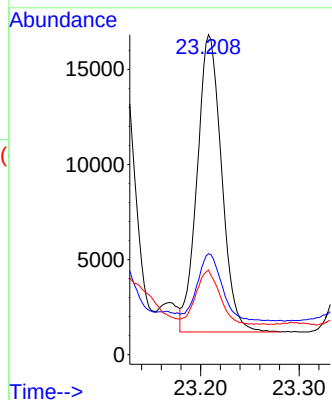




#26
Benzo(a)pyrene
Concen: 0.37 ng/u1
RT: 23.208 min Scan# 5841
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31



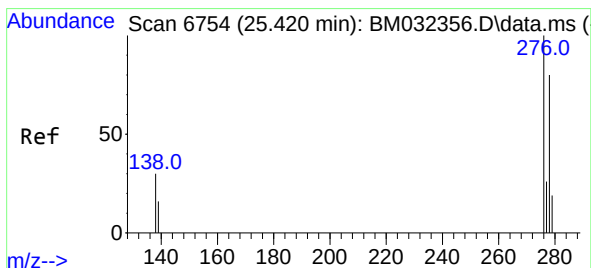
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Ion Ratio Lower Upper
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125 26.4 15.4 23.2#



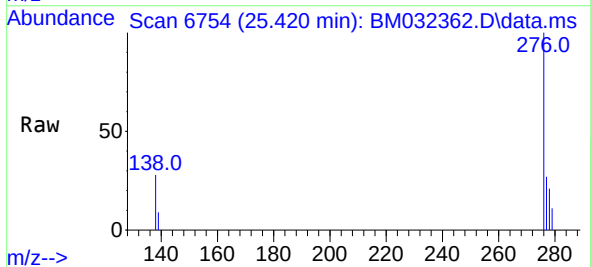
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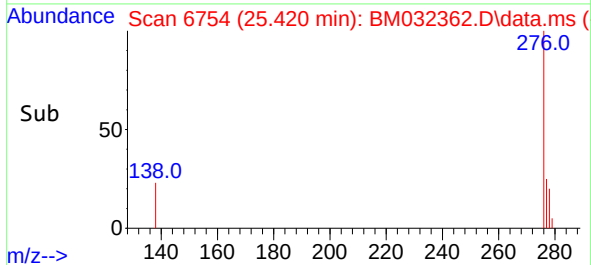
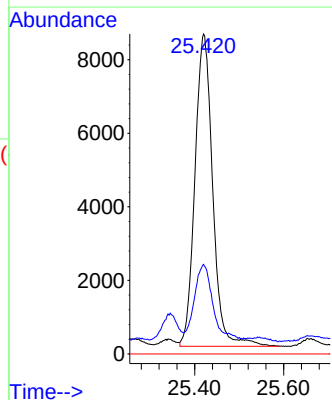
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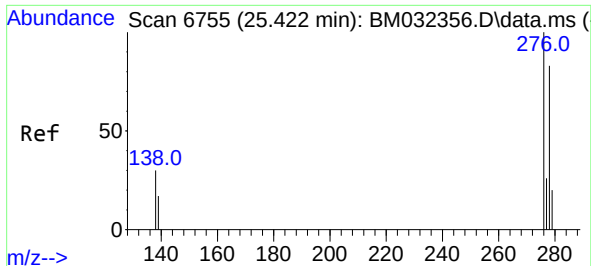


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/u1
RT: 25.420 min Scan# 6754
Delta R.T. 0.000 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31



Tgt Ion:276 Resp: 23543
Ion Ratio Lower Upper
276 100
138 24.3 24.3 36.5#
227 0.0 0.0 0.0





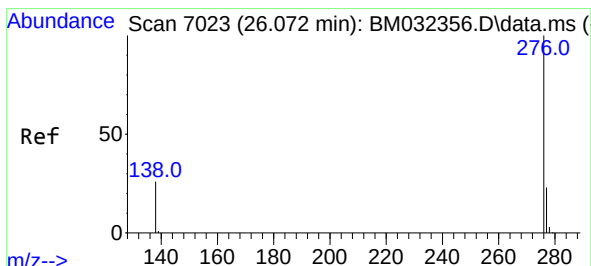
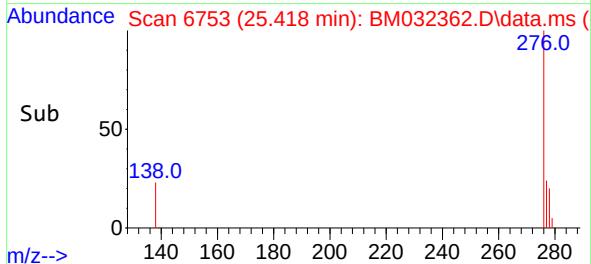
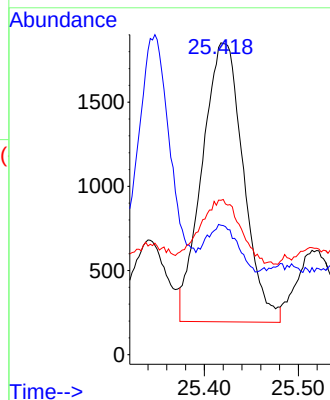
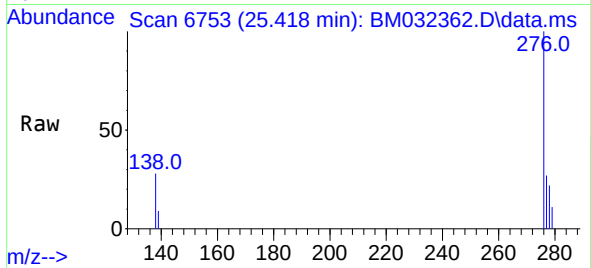
#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.418 min Scan# 6753
Delta R.T. -0.005 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion: 278 Resp: 5039
Ion Ratio Lower Upper
278 100
139 41.5 16.6 24.8#
279 49.5 23.0 34.6#

Instrument :
BNA_M
ClientSampled :
EW407

Manual Integrations
APPROVED

mohammad
10/11/2021 2:08:38 PM



#29
Benzo(g,h,i)perylene
Concen: 0.25 ng/ul
RT: 26.074 min Scan# 7024
Delta R.T. 0.003 min
Lab File: BM032362.D
Acq: 07 Oct 2021 18:31

Tgt Ion: 276 Resp: 21729
Ion Ratio Lower Upper
276 100
138 32.1 21.0 31.4#
277 26.7 19.8 29.8

