

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032366.D
 Acq On : 07 Oct 2021 20:57
 Operator : CG/JU
 Sample : M3879-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW410

Manual Integrations
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Quant Time: Oct 08 03:35:35 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	5977	0.40	ng/ul	0.00
4) Naphthalene-d8	10.411	136	20827	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	11518	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	23597	0.40	ng/ul	0.00
17) Chrysene-d12	21.157	240	19151	0.40	ng/ul	0.00
23) Perylene-d12	23.300	264	17790	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.968	96	10049	1.56	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	5534	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	12748	0.25	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.465	128	4328	0.07	ng/ul#	92
7) 2-Methylnaphthalene	12.080	142	3146	0.08	ng/ul	99
8) 1-Methylnaphthalene	12.300	142	2398	0.06	ng/ul	99
10) Acenaphthylene	13.991	152	1032	0.02	ng/ul#	73
15) Phenanthrene	17.036	178	11109	0.14	ng/ul	99
16) Anthracene	17.123	178	1893	0.03	ng/ul#	84
19) Fluoranthene	19.046	202	25599	0.32	ng/ul	97
20) Pyrene	19.404	202	24494	0.31	ng/ul	97
21) Benzo(a)anthracene	21.142	228	9302	0.14	ng/ul	96
22) Chrysene	21.193	228	14908	0.19	ng/ul	96
24) Benzo(b)fluoranthene	22.663	252	20828m	0.23	ng/ul	
25) Benzo(k)fluoranthene	22.699	252	7467m	0.08	ng/ul	
26) Benzo(a)pyrene	23.206	252	11803	0.17	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.415	276	9677	0.11	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.420	278	2650	0.04	ng/ul#	48
29) Benzo(g,h,i)perylene	26.069	276	8639	0.10	ng/ul#	91

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

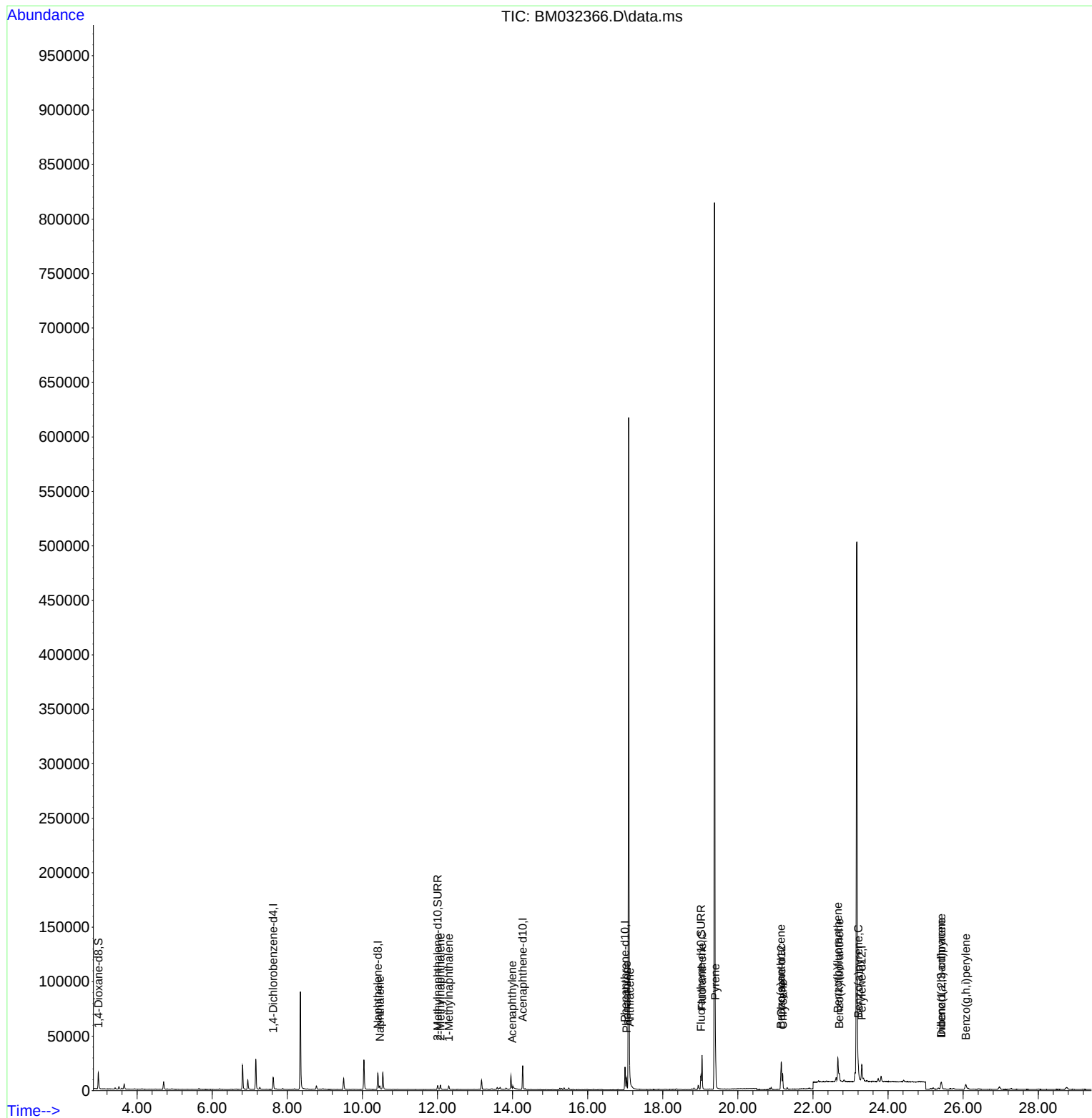
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032366.D
Acq On : 07 Oct 2021 20:57
Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

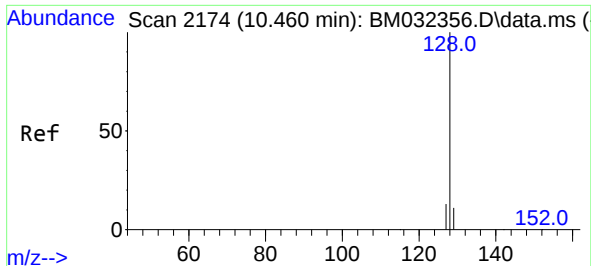
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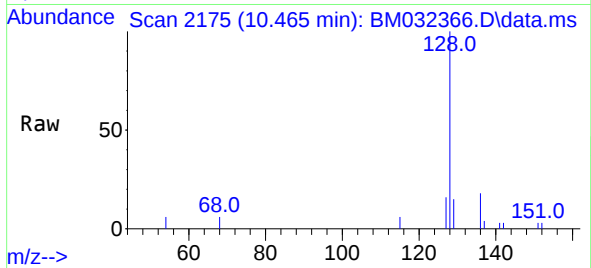
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Quant Time: Oct 08 03:35:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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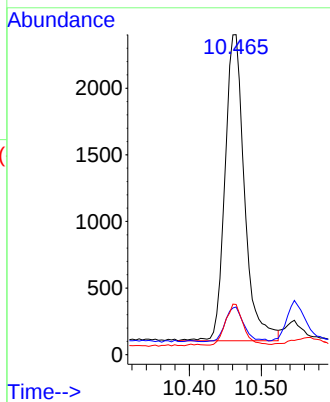
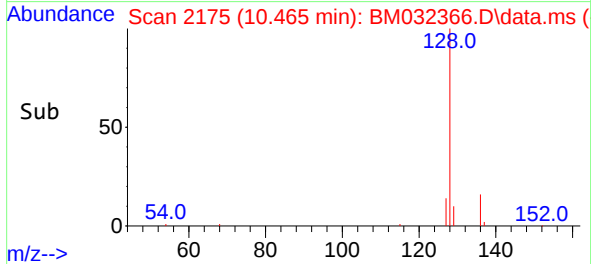




#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.465 min Scan# 2175
Delta R.T. 0.005 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57



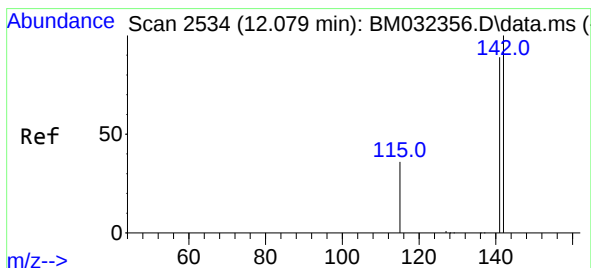
Tgt Ion:128 Resp: 4328
Ion Ratio Lower Upper
128 100
129 14.9 9.0 13.4#
127 15.7 10.5 15.7



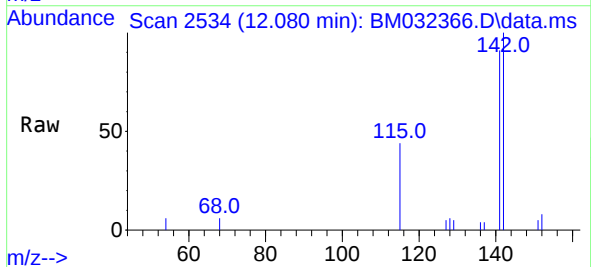
Instrument :
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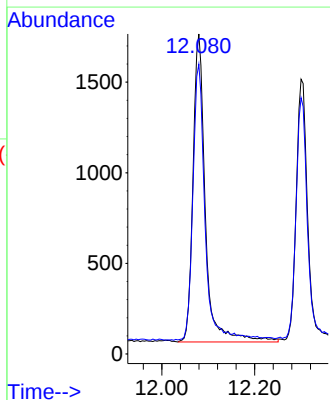
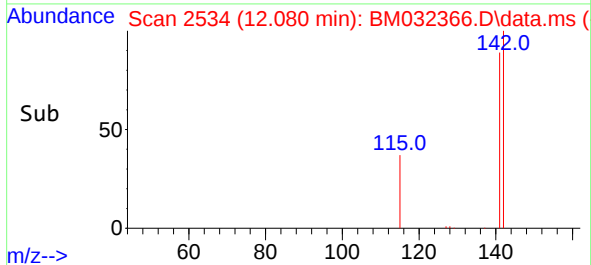
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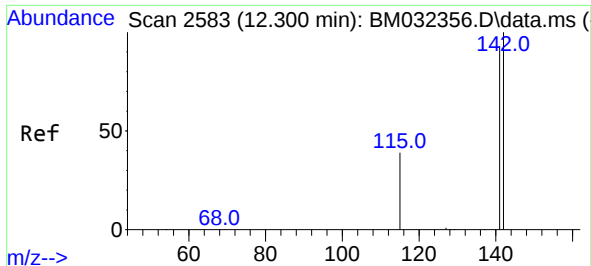


#7
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.080 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57



Tgt Ion:142 Resp: 3146
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8





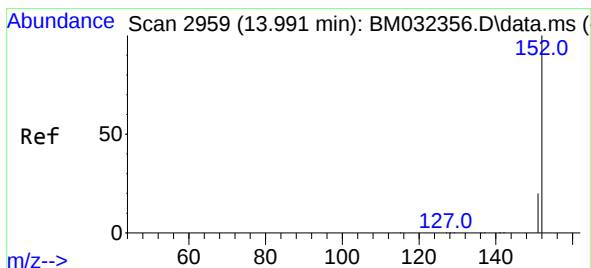
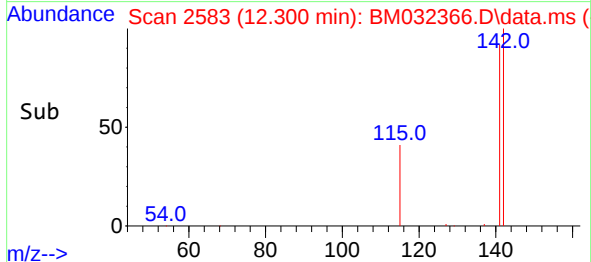
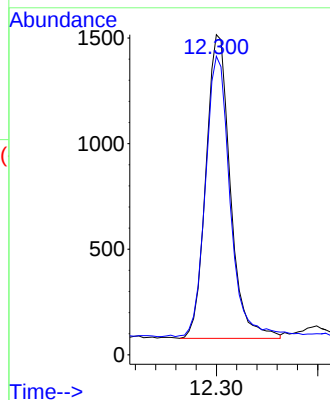
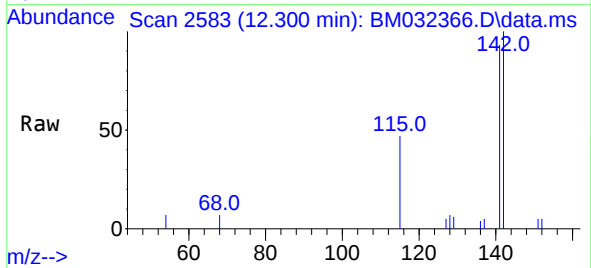
#8
1-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:142 Resp: 2398
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.6

Instrument :
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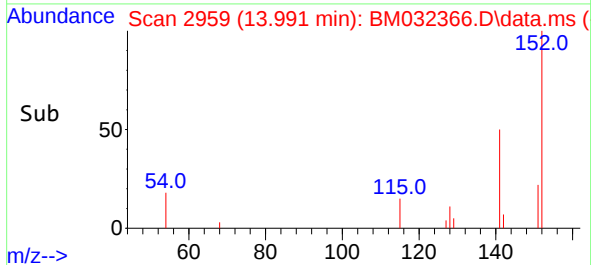
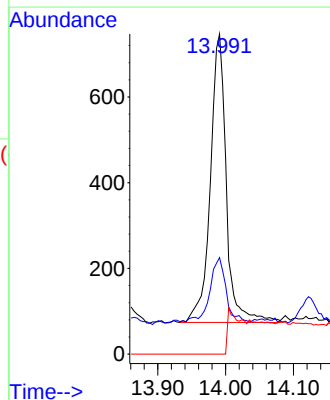
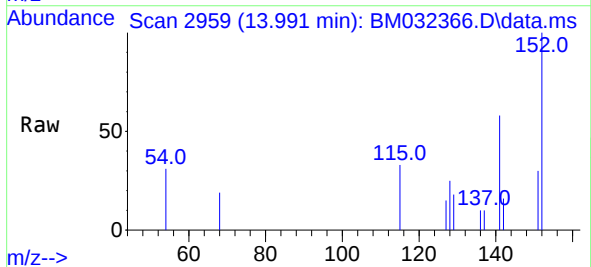
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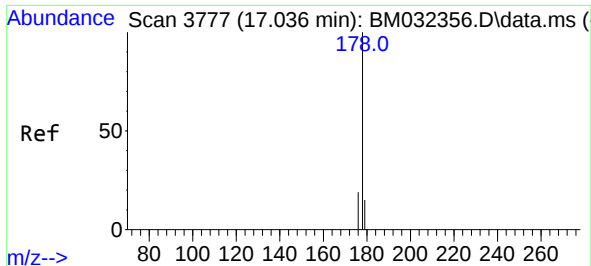
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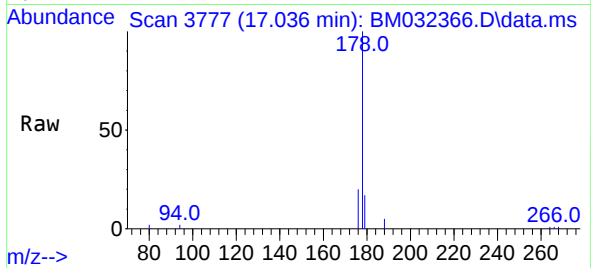
#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.991 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:152 Resp: 1032
Ion Ratio Lower Upper
152 100
151 30.1 16.0 24.0#
153 0.0 10.7 16.1#

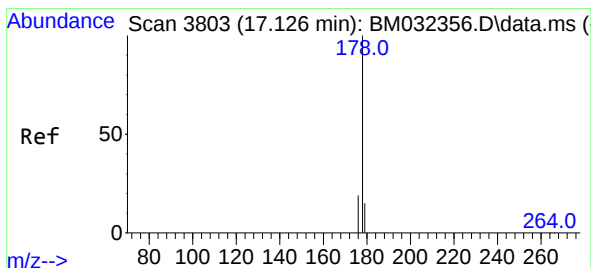
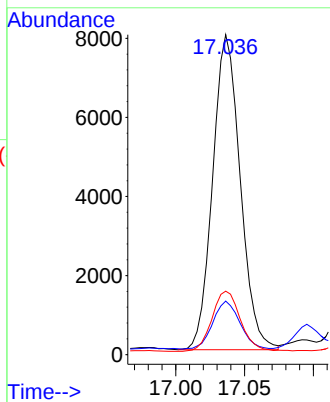
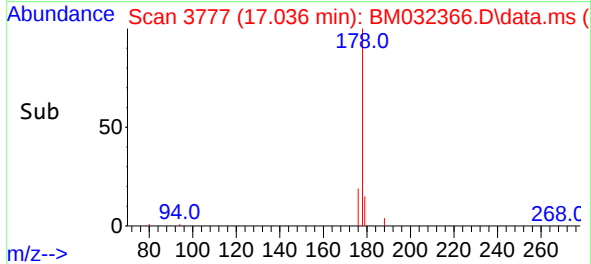




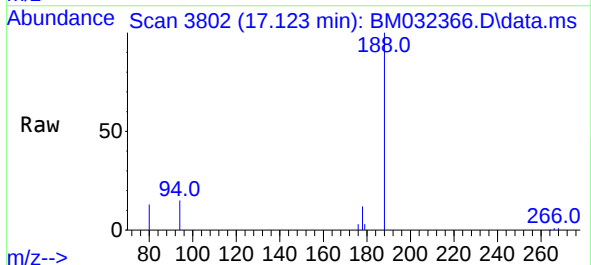
#15
Phenanthrene
Concen: 0.14 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57



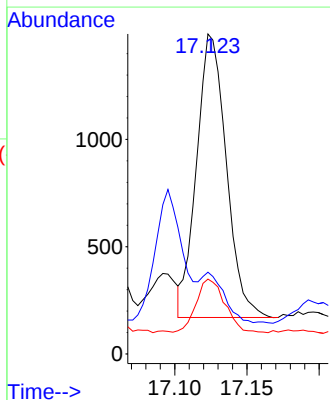
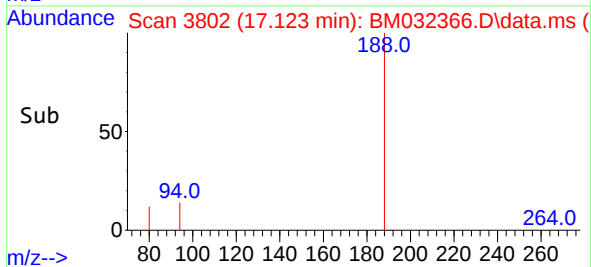
Tgt Ion:178 Resp: 11109
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.03 ng/ul
RT: 17.123 min Scan# 3802
Delta R.T. -0.003 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57



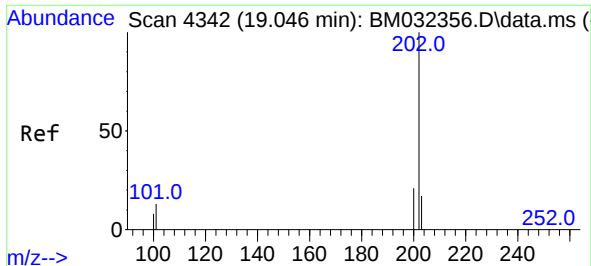
Tgt Ion:178 Resp: 1893
Ion Ratio Lower Upper
178 100
179 25.5 12.7 19.1#
176 23.4 15.3 22.9#



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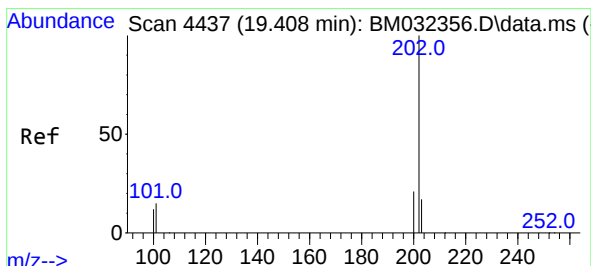
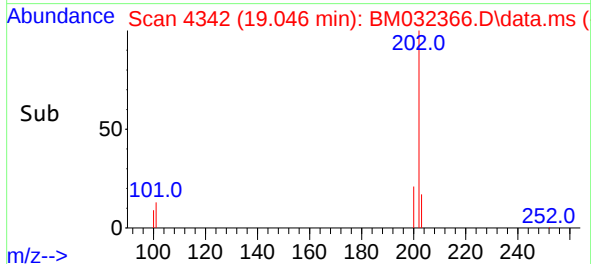
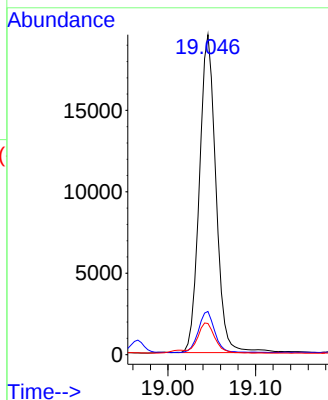
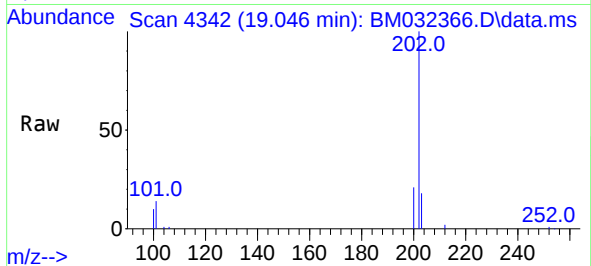
#19
Fluoranthene
Concen: 0.32 ng/ul
RT: 19.046 min Scan# 4342
Delta R.T. 0.000 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:	202	Resp:	25599
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.8	14.8
100	9.7	7.2	10.8

Instrument :
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ClientSampled :
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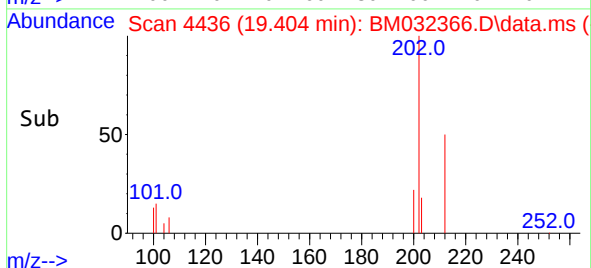
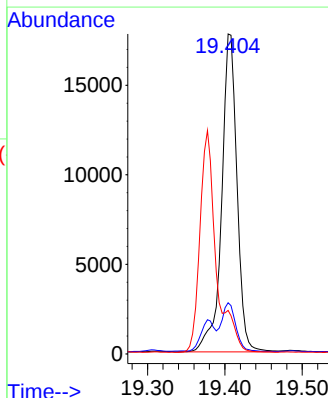
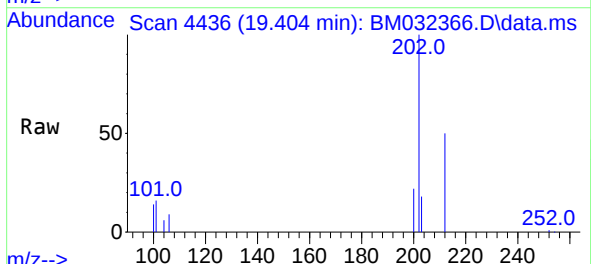
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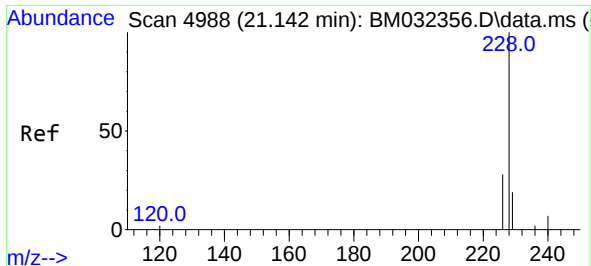
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#20
Pyrene
Concen: 0.31 ng/ul
RT: 19.404 min Scan# 4436
Delta R.T. -0.004 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:	202	Resp:	24494
Ion Ratio	Lower	Upper	
202	100		
101	16.0	12.1	18.1
100	13.6	9.8	14.6





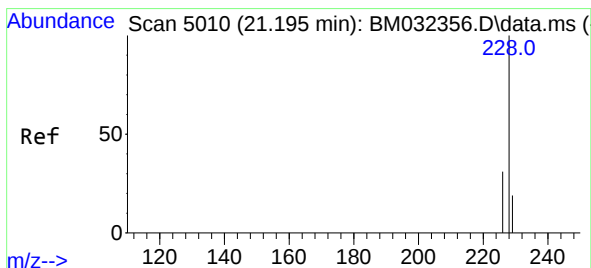
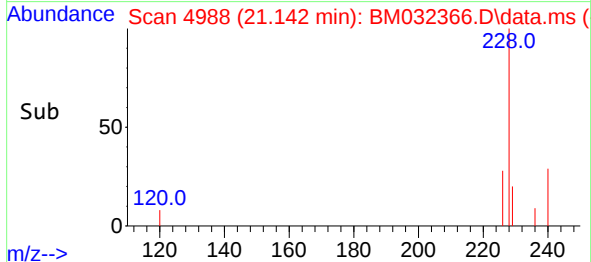
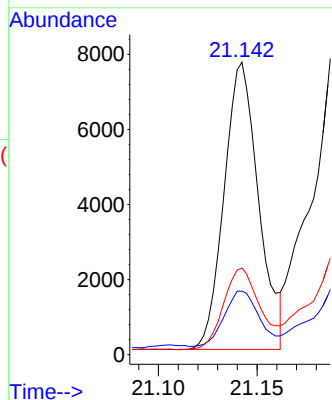
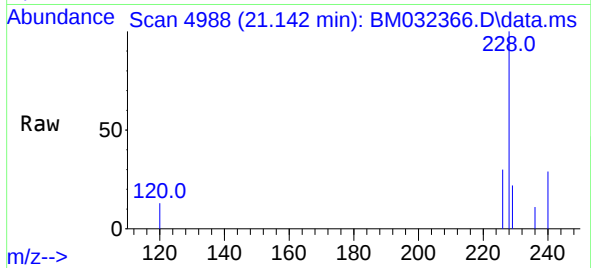
#21
Benzo(a)anthracene
Concen: 0.14 ng/ul
RT: 21.142 min Scan# 4988
Delta R.T. 0.000 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:	228	Resp:	9302
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.0	24.0
226	29.7	22.3	33.5

Instrument :
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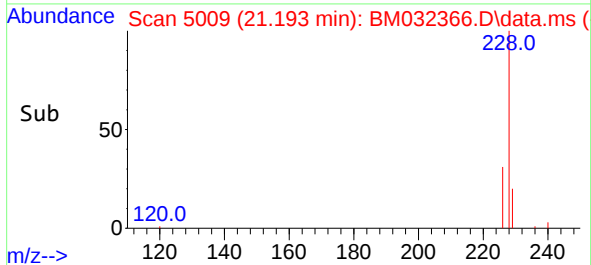
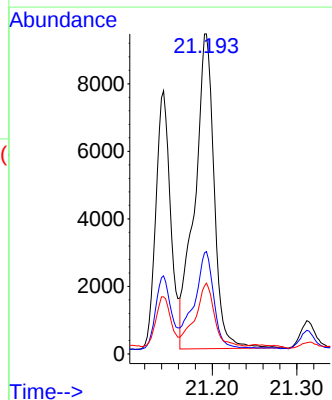
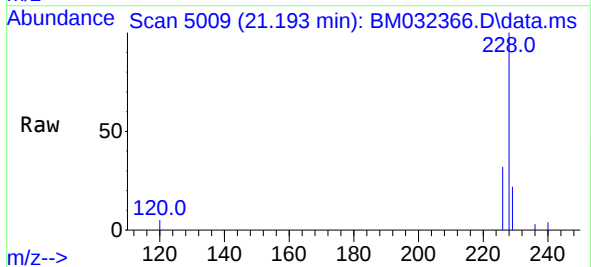
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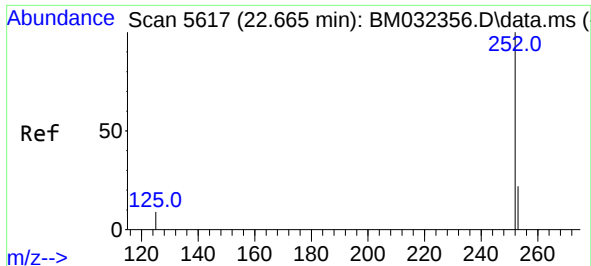
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#22
Chrysene
Concen: 0.19 ng/ul
RT: 21.193 min Scan# 5009
Delta R.T. -0.002 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:	228	Resp:	14908
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.6	37.0
229	22.2	15.6	23.4





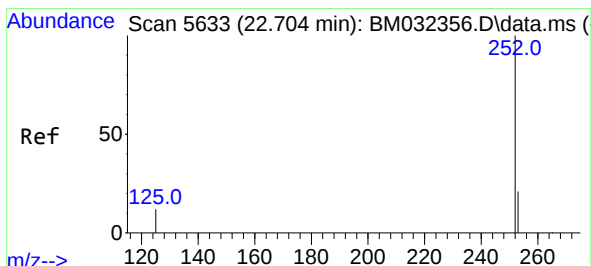
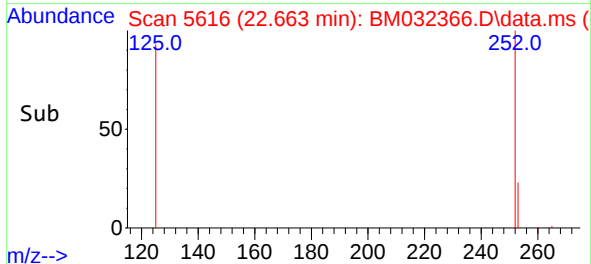
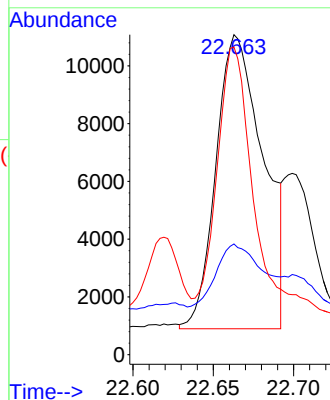
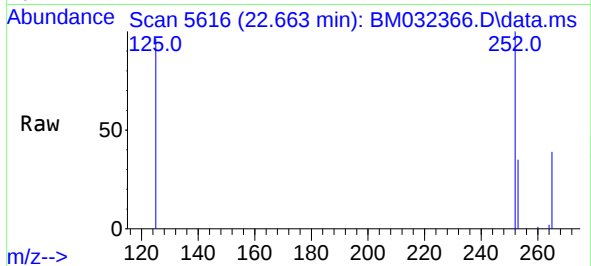
#24
Benzo(b)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.002 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:252 Resp: 20828
Ion Ratio Lower Upper
252 100
253 34.6 0.0 58.0
125 96.1 0.0 31.4#

Instrument :
BNA_M
ClientSampled :
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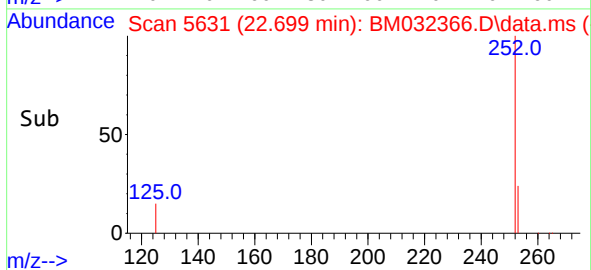
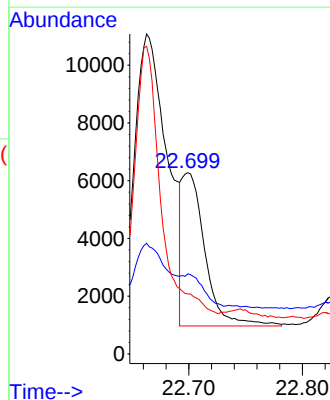
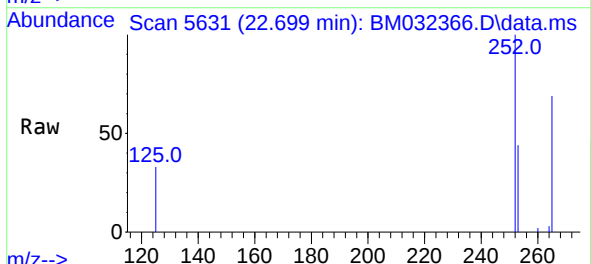
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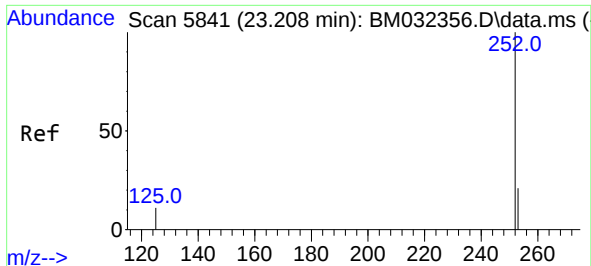
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#25
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.699 min Scan# 5631
Delta R.T. -0.005 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:252 Resp: 7467
Ion Ratio Lower Upper
252 100
253 44.2 22.9 34.3#
125 33.1 12.9 19.3#





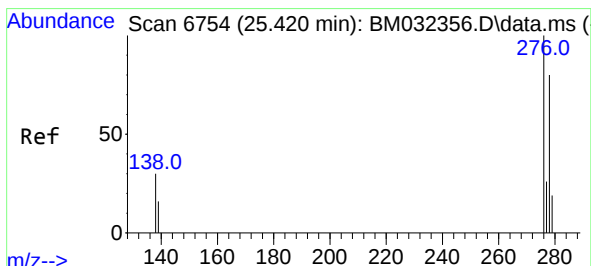
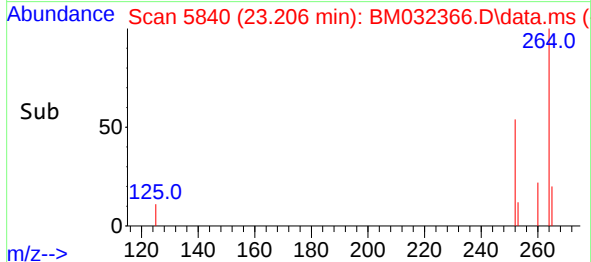
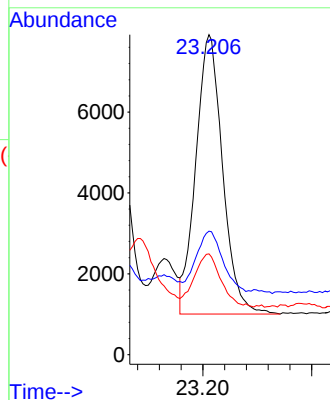
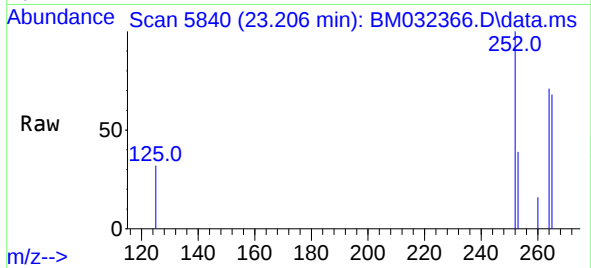
#26
Benzo(a)pyrene
Concen: 0.17 ng/ul
RT: 23.206 min Scan# 5840
Delta R.T. -0.002 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:	252	Resp:	11803
Ion Ratio	Lower	Upper	
252	100		
253	38.6	25.8	38.8
125	31.5	15.4	23.2#

Instrument :
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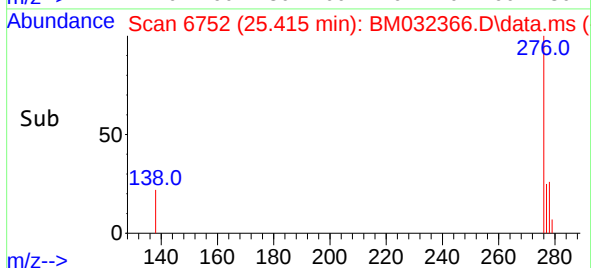
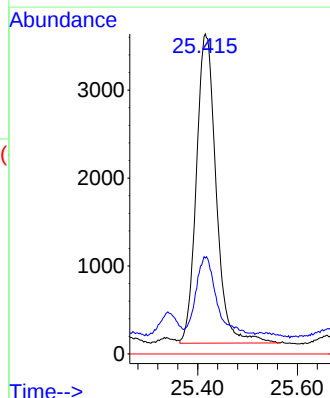
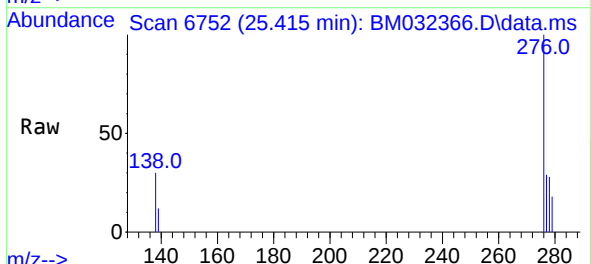
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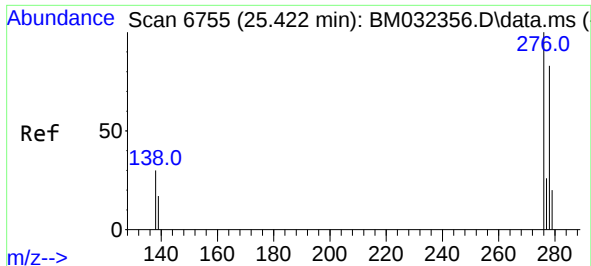
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul
RT: 25.415 min Scan# 6752
Delta R.T. -0.005 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:	276	Resp:	9677
Ion Ratio	Lower	Upper	
276	100		
138	25.5	24.3	36.5
227	0.0	0.0	0.0





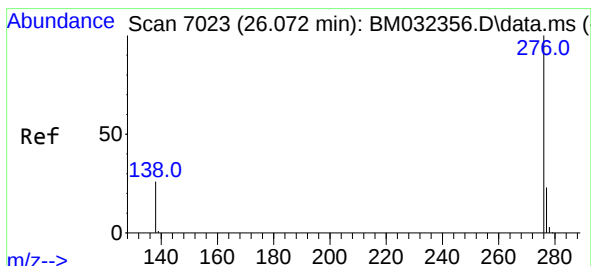
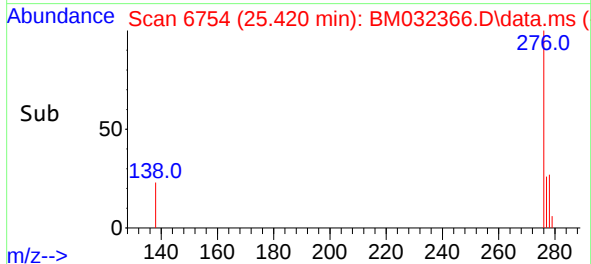
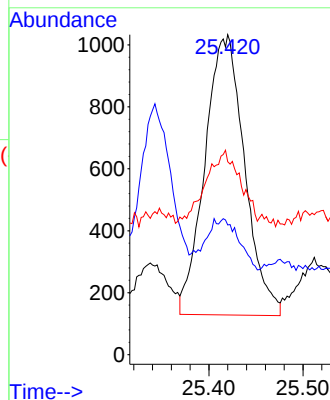
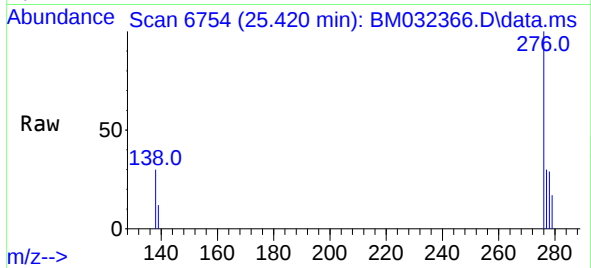
#28
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.420 min Scan# 6754
Delta R.T. -0.002 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:278 Resp: 2650
Ion Ratio Lower Upper
278 100
139 40.6 16.6 24.8#
279 60.3 23.0 34.6#

Instrument :
BNA_M
ClientSampled :
EW410

Manual Integrations
APPROVED

mohammad
10/11/2021 2:08:51 PM



#29
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 26.069 min Scan# 7022
Delta R.T. -0.002 min
Lab File: BM032366.D
Acq: 07 Oct 2021 20:57

Tgt Ion:276 Resp: 8639
Ion Ratio Lower Upper
276 100
138 31.8 21.0 31.4#
277 28.5 19.8 29.8

