

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031328.D
 Acq On : 01 Aug 2021 00:58
 Operator : CG/JU
 Sample : M3091-06DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0044DL

Manual Integrations
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Quant Time: Aug 02 01:14:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	1557	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	6059	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3621	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	6899	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	5203	0.400	ng/ul	0.00
23) Perylene-d12	23.336	264	5083	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	902	0.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	358	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	686	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	1118	0.062	ng/ul#	86
7) 2-Methylnaphthalene	12.038	142	1012	0.082	ng/ul	98
8) 1-Methylnaphthalene	12.259	142	635	0.052	ng/ul	98
10) Acenaphthylene	13.959	152	356	0.023	ng/ul#	62
15) Phenanthrene	17.027	178	2864	0.131	ng/ul	97
16) Anthracene	17.117	178	518	0.025	ng/ul#	72
19) Fluoranthene	19.047	202	5256	0.237	ng/ul#	93
20) Pyrene	19.409	202	4752	0.211	ng/ul#	93
21) Benzo(a)anthracene	21.159	228	2329	0.111	ng/ul#	91
22) Chrysene	21.210	228	3039	0.140	ng/ul#	94
24) Benzo(b)fluoranthene	22.696	252	4098m	0.179	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	1200m	0.051	ng/ul	
26) Benzo(a)pyrene	23.241	252	2396	0.119	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	25.480	276	1839	0.071	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.490	278	463	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	26.132	276	1646	0.074	ng/ul#	79

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

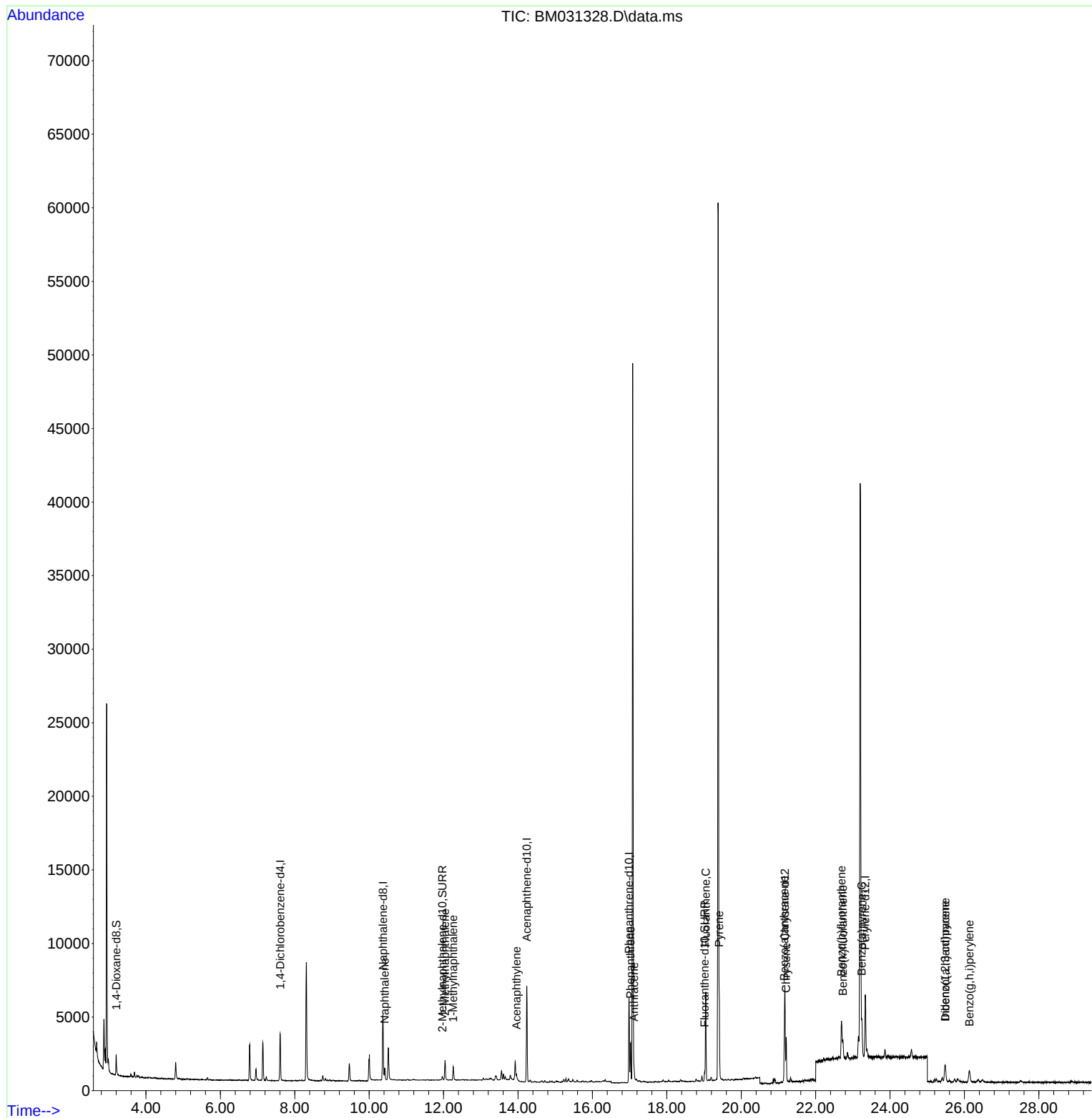
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031328.D
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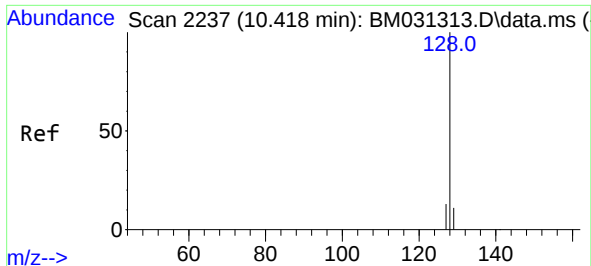
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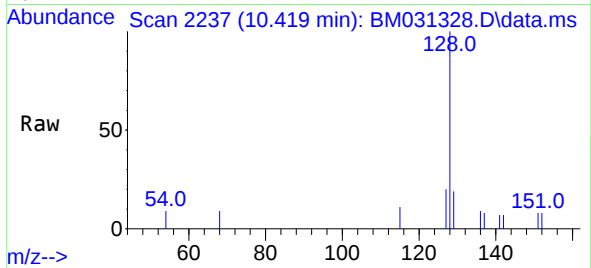
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Quant Time: Aug 02 01:14:23 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

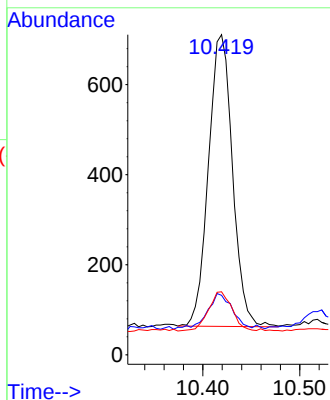
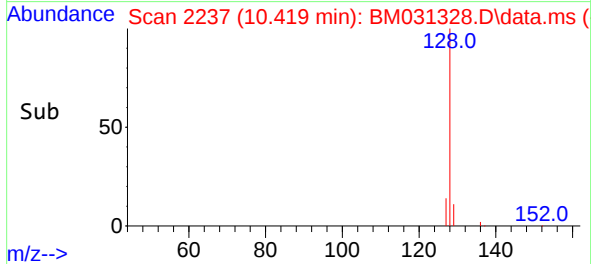




#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58



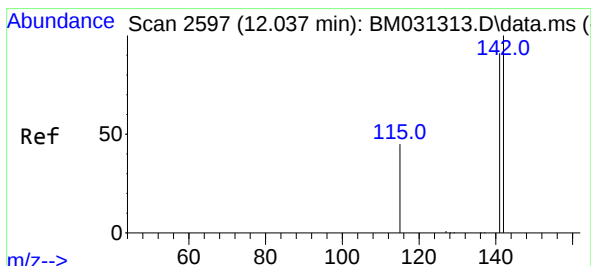
Tgt Ion:128 Resp: 1118
Ion Ratio Lower Upper
128 100
129 18.6 10.0 15.0#
127 19.7 11.6 17.4#



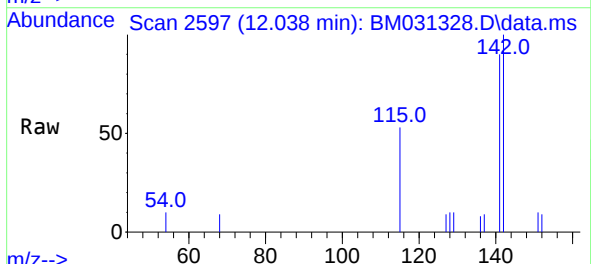
Instrument :
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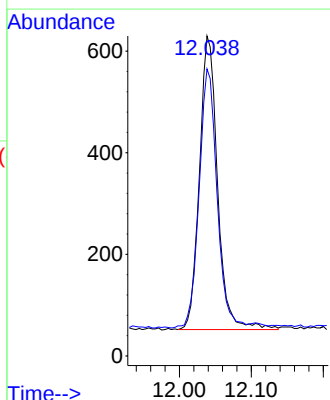
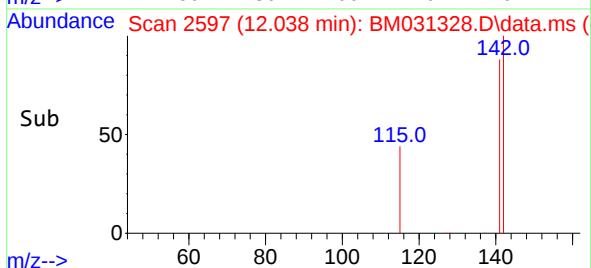
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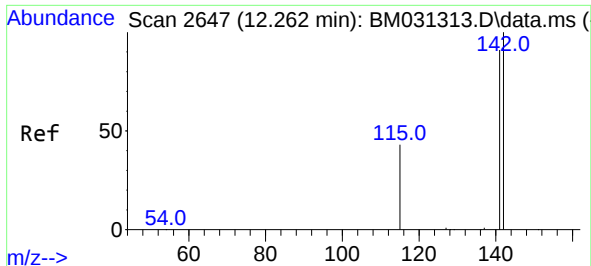


#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.003 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58



Tgt Ion:142 Resp: 1012
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.0





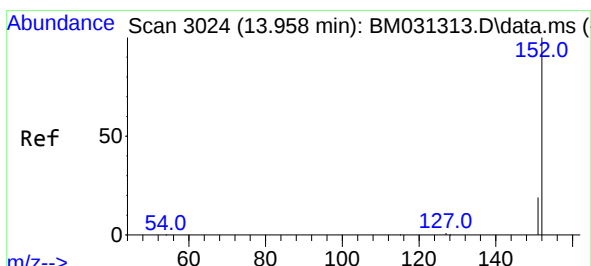
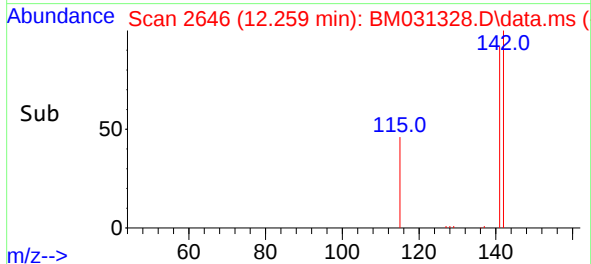
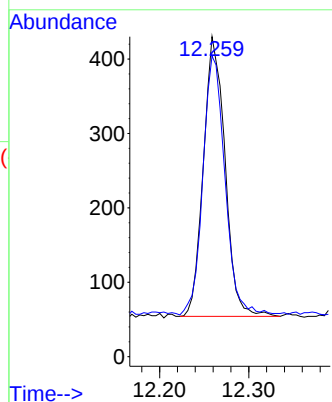
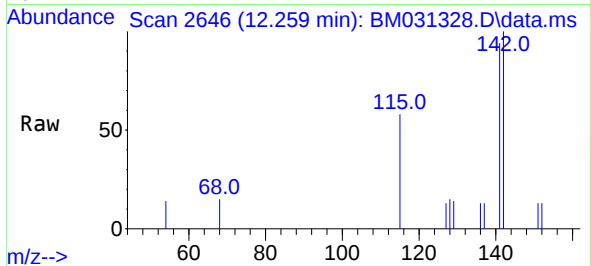
#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031328.D
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Tgt Ion:142 Resp: 635
Ion Ratio Lower Upper
142 100
141 94.6 74.1 111.1

Instrument :
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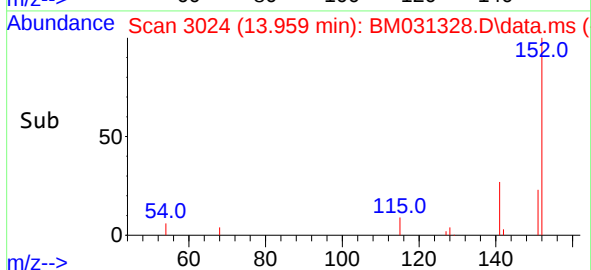
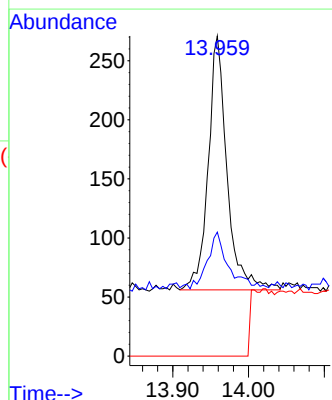
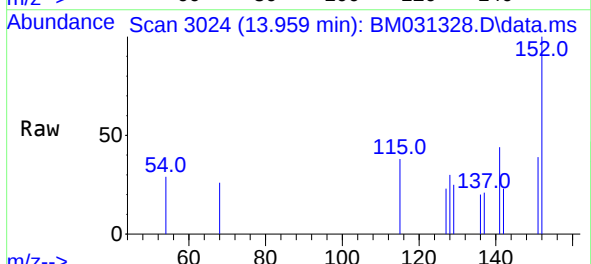
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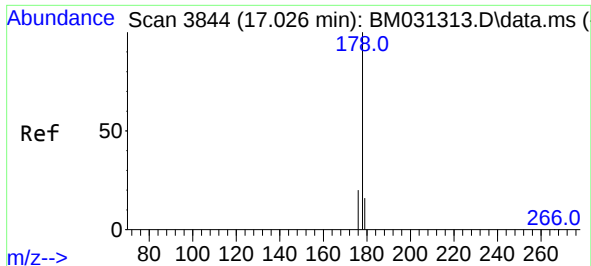
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#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

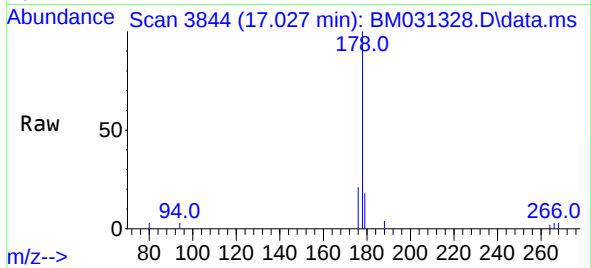
Tgt Ion:152 Resp: 356
Ion Ratio Lower Upper
152 100
151 38.7 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.131 ng/u1
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

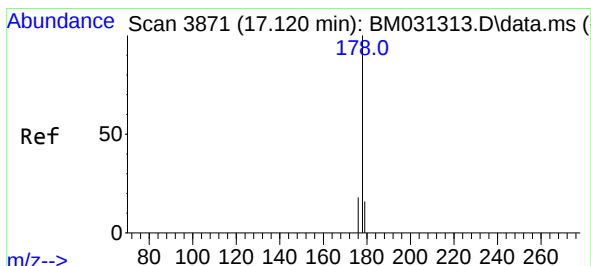
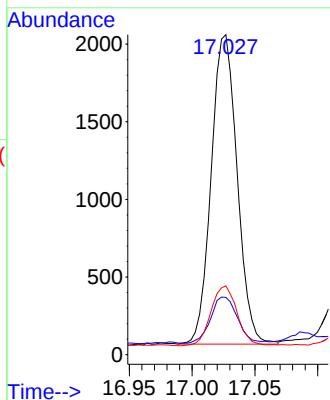
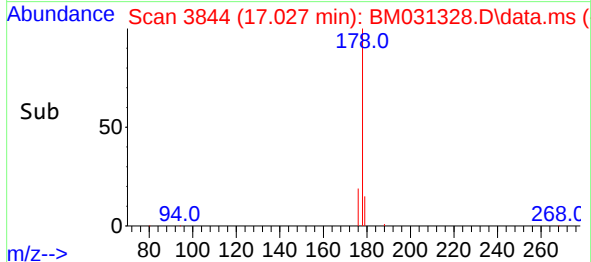
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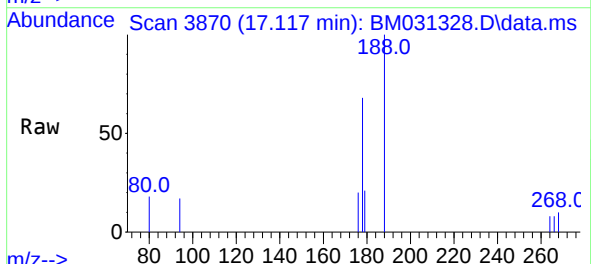
Tgt Ion:178 Resp: 2864
Ion Ratio Lower Upper
178 100
179 17.9 13.3 19.9
176 21.5 16.2 24.4

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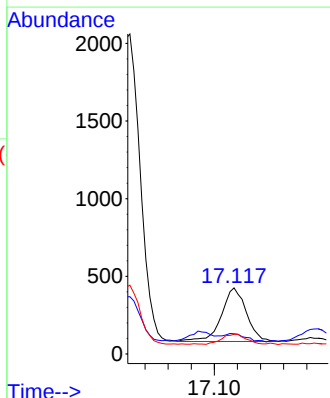
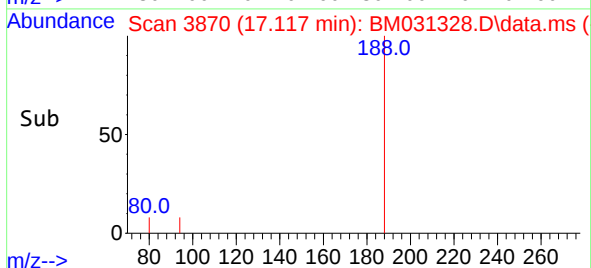
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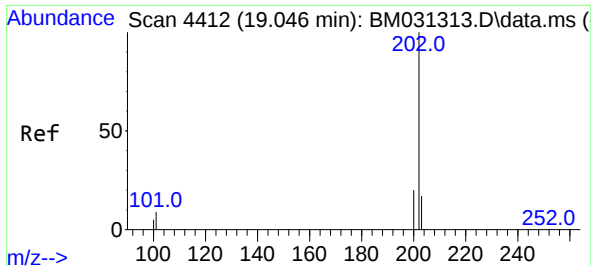


#16
Anthracene
Concen: 0.025 ng/u1
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58



Tgt Ion:178 Resp: 518
Ion Ratio Lower Upper
178 100
179 30.6 13.0 19.6#
176 29.9 15.6 23.4#





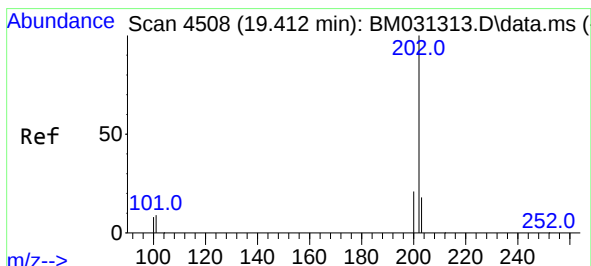
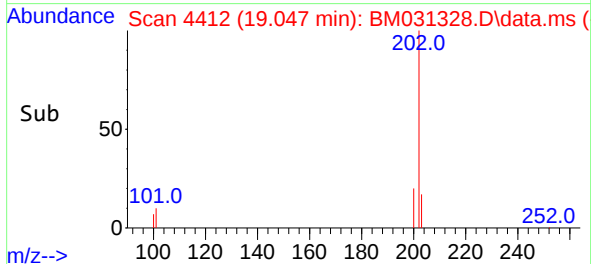
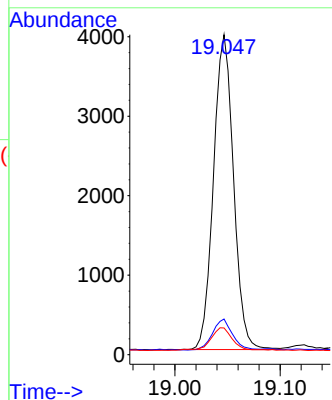
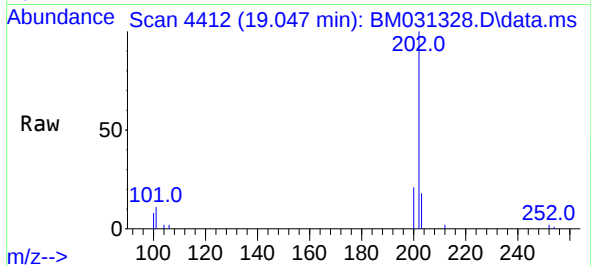
#19
Fluoranthene
Concen: 0.237 ng/ul
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion:202 Resp: 5256
Ion Ratio Lower Upper
202 100
101 11.2 6.6 10.0#
100 8.4 5.4 8.0#

Instrument :
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ClientSampleID :
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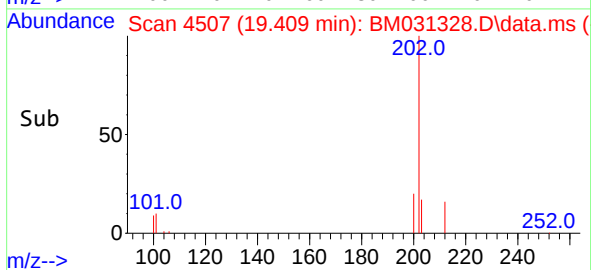
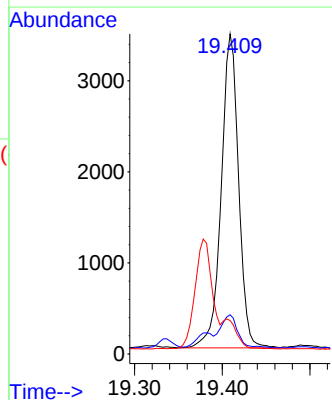
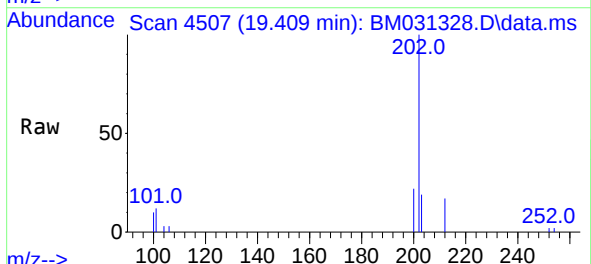
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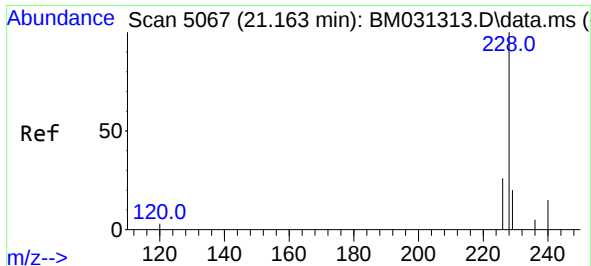
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#20
Pyrene
Concen: 0.211 ng/ul
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031328.D
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Tgt Ion:202 Resp: 4752
Ion Ratio Lower Upper
202 100
101 12.2 7.8 11.6#
100 10.5 6.6 10.0#





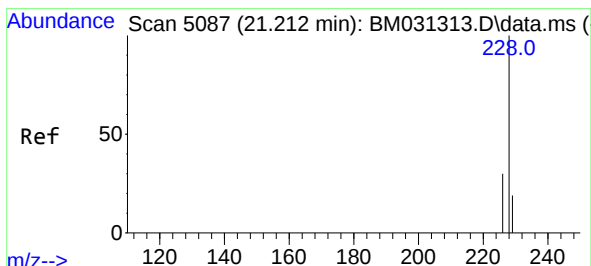
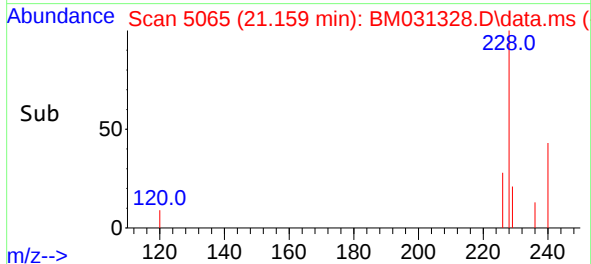
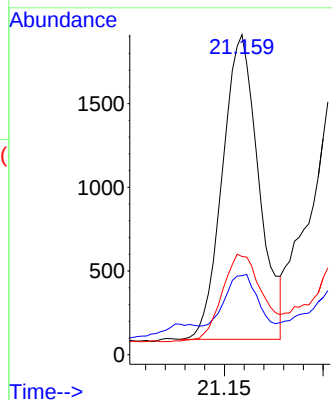
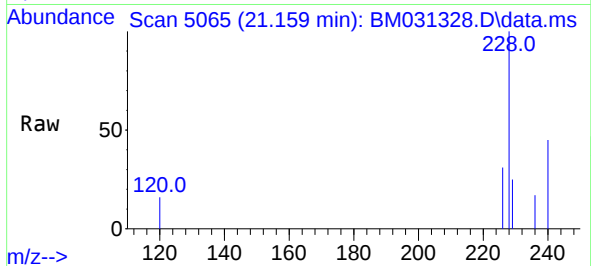
#21
Benzo(a)anthracene
Concen: 0.111 ng/u1
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion:	228	Resp:	2329
Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.6	23.4#
226	30.7	21.7	32.5

Instrument :
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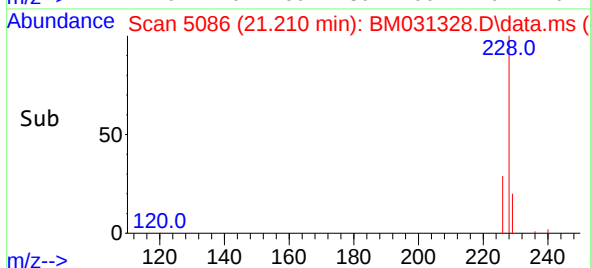
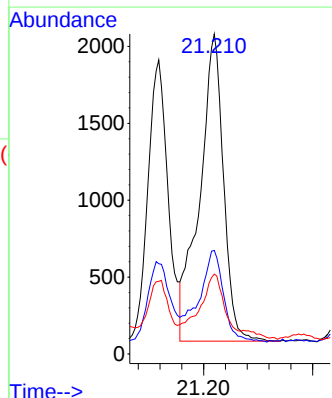
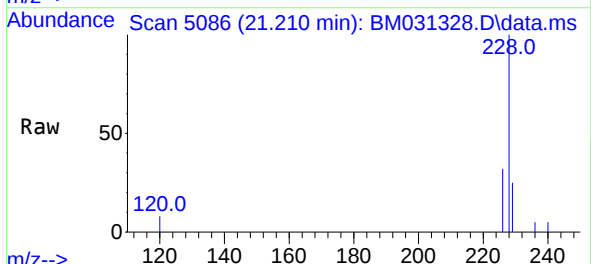
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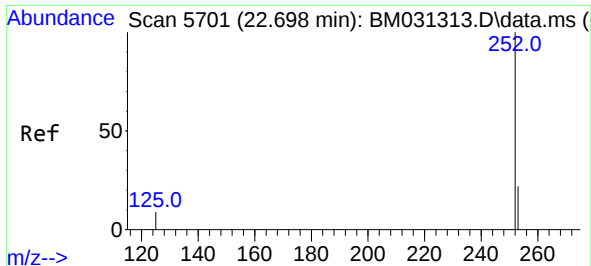
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#22
Chrysene
Concen: 0.140 ng/u1
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion:	228	Resp:	3039
Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.7	37.1
229	25.0	16.2	24.2#





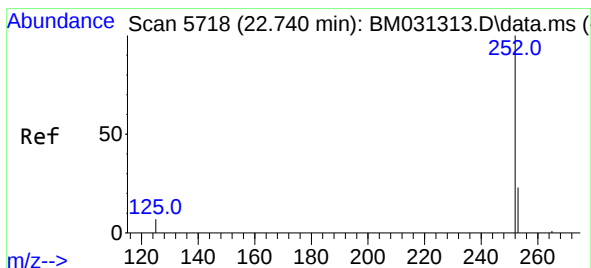
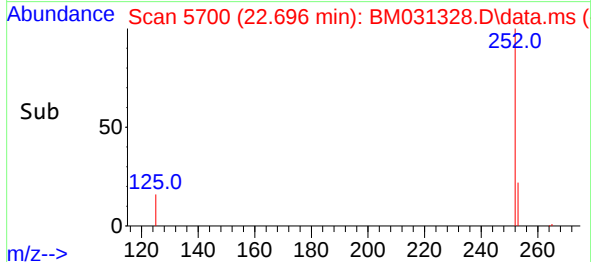
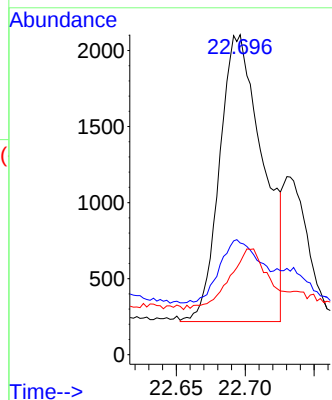
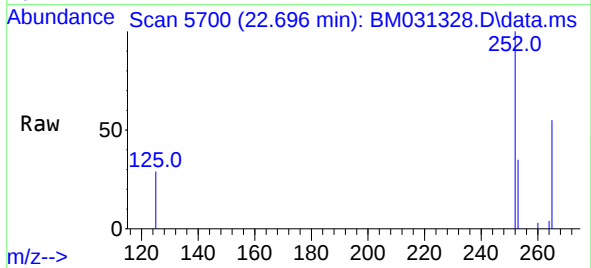
#24
Benzo(b)fluoranthene
Concen: 0.179 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion:	252	Resp:	4098
Ion Ratio	Lower	Upper	
252	100		
253	34.9	0.0	53.0
125	28.9	0.0	22.8#

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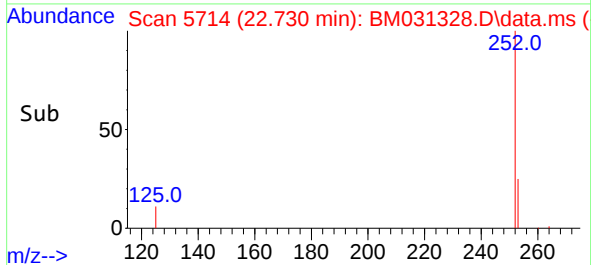
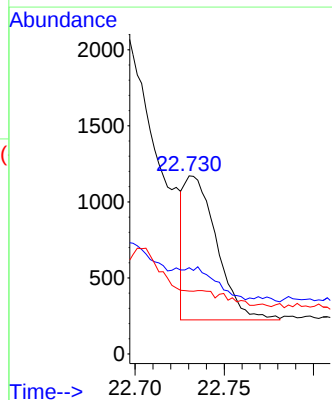
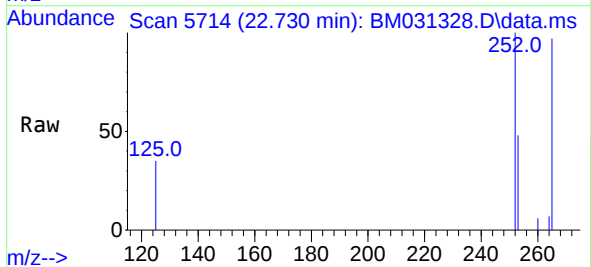
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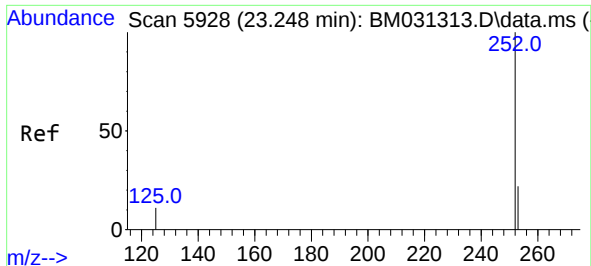
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#25
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion:	252	Resp:	1200
Ion Ratio	Lower	Upper	
252	100		
253	48.4	21.3	31.9#
125	35.4	8.8	13.2#





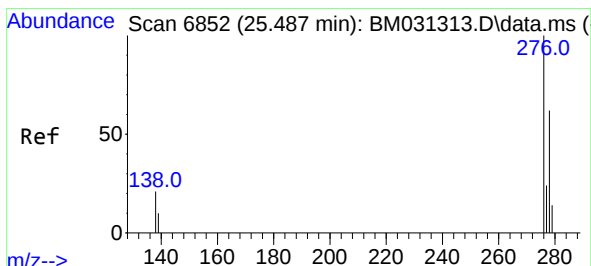
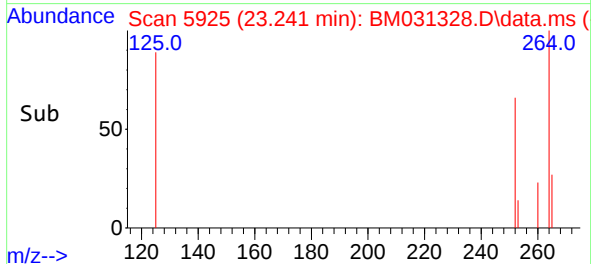
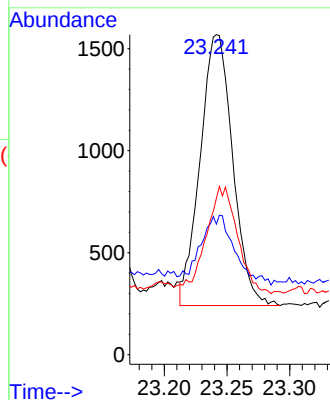
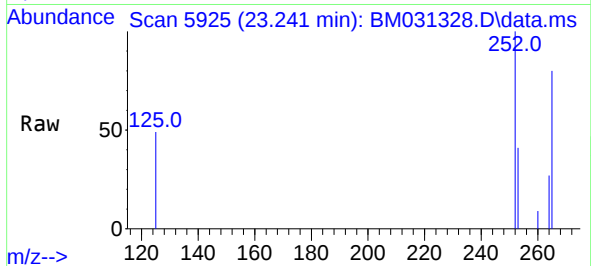
#26
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.007 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion:	252	Resp:	2396
Ion Ratio	Lower	Upper	
252	100		
253	40.8	22.4	33.6#
125	48.8	13.0	19.4#

Instrument :
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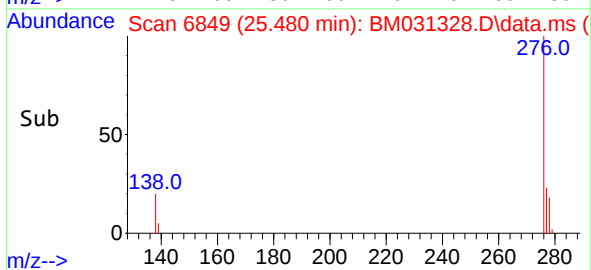
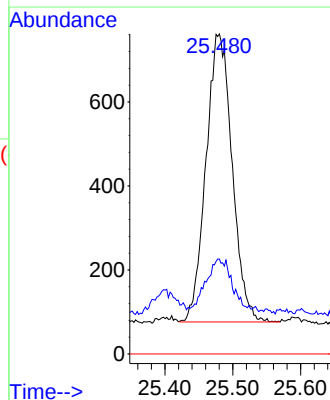
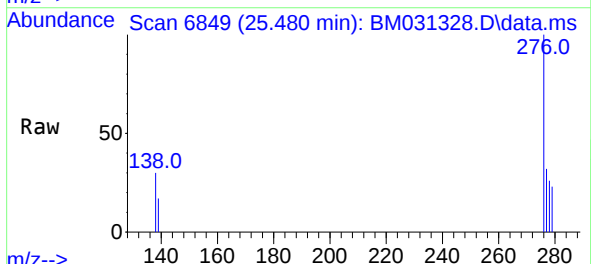
Manual Integrations
APPROVED

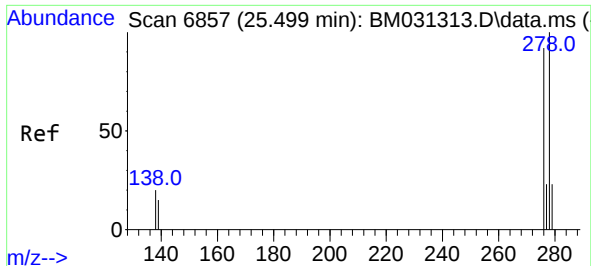
mohammad
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.009 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion:	276	Resp:	1839
Ion Ratio	Lower	Upper	
276	100		
138	17.3	15.8	23.8
227	0.0	0.0	0.0





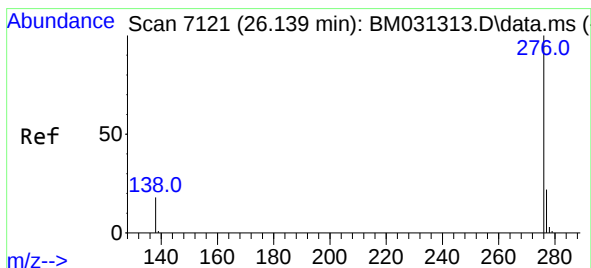
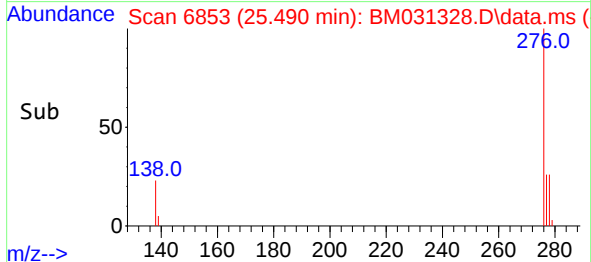
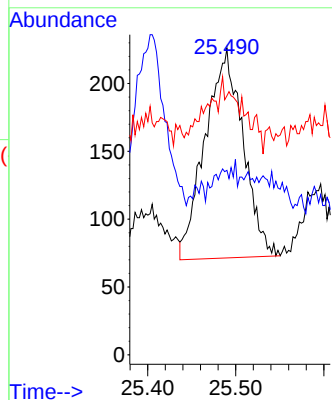
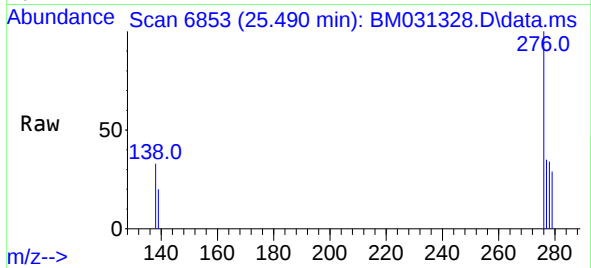
#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.014 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion: 278 Resp: 463
Ion Ratio Lower Upper
278 100
139 60.2 13.3 19.9#
279 84.5 22.8 34.2#

Instrument :
BNA_M
ClientSampleId :
C0044DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.132 min Scan# 7118
Delta R.T. -0.012 min
Lab File: BM031328.D
Acq: 01 Aug 2021 00:58

Tgt Ion: 276 Resp: 1646
Ion Ratio Lower Upper
276 100
138 32.3 15.4 23.2#
277 32.1 19.9 29.9#

