

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032532.D
 Acq On : 15 Oct 2021 19:00
 Operator : CG/JU
 Sample : M4029-03DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R0DL

Manual Integrations
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Quant Time: Oct 18 04:07:27 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	7.556	152	5937	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	19138	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	10166	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	20701	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.128	240	15947	0.40	ng/ul	0.00
23) Perylene-d12	23.266	264	12611	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	3020	0.45	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	635	0.02	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	1390	0.03	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	1932	0.03	ng/ul#	90
7) 2-Methylnaphthalene	12.012	142	1342	0.04	ng/ul	97
8) 1-Methylnaphthalene	12.237	142	833	0.02	ng/ul	98
10) Acenaphthylene	13.933	152	1165	0.03	ng/ul#	90
15) Phenanthrene	16.991	178	13593	0.20	ng/ul	99
16) Anthracene	17.078	178	1961	0.03	ng/ul#	90
19) Fluoranthene	19.008	202	41892	0.53	ng/ul	99
20) Pyrene	19.370	202	38196	0.47	ng/ul	97
21) Benzo(a)anthracene	21.111	228	14400	0.23	ng/ul	98
22) Chrysene	21.164	228	20303	0.30	ng/ul	98
24) Benzo(b)fluoranthene	22.631	252	25097m	0.43	ng/ul	
25) Benzo(k)fluoranthene	22.668	252	9279m	0.16	ng/ul	
26) Benzo(a)pyrene	23.169	252	14067	0.29	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.367	276	9126	0.15	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.367	278	2112	0.04	ng/ul#	58
29) Benzo(g,h,i)perylene	26.011	276	8953	0.17	ng/ul	97

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

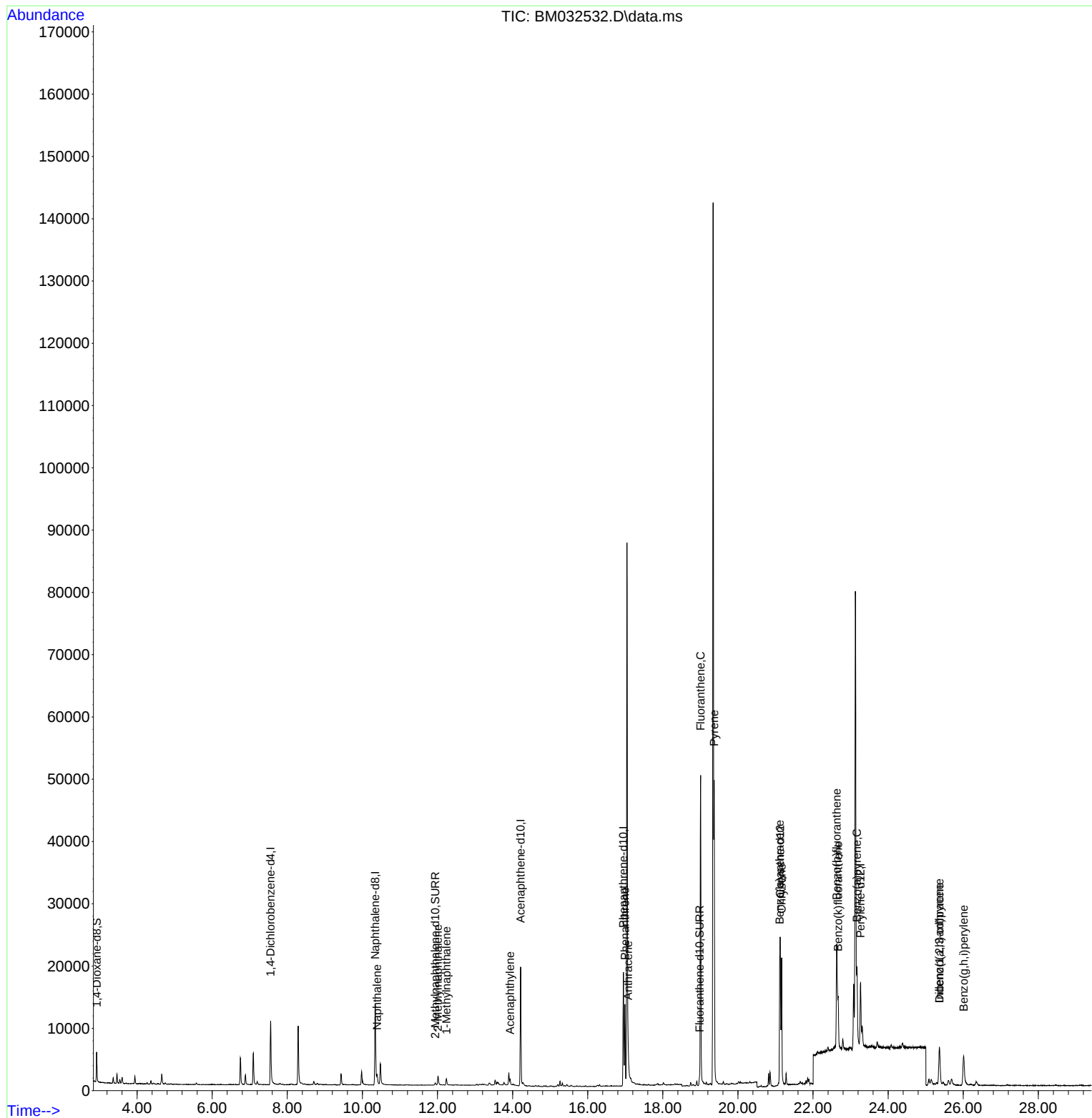
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
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ALS Vial : 17 Sample Multiplier: 1

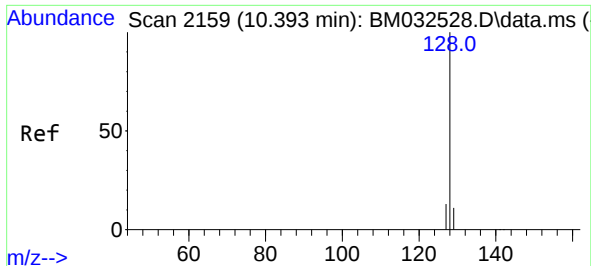
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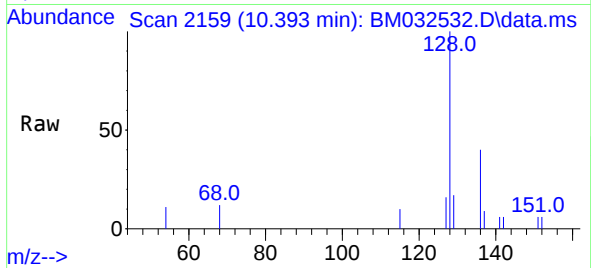
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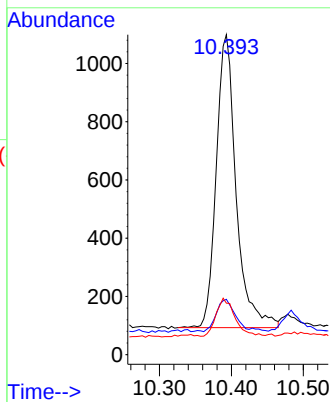
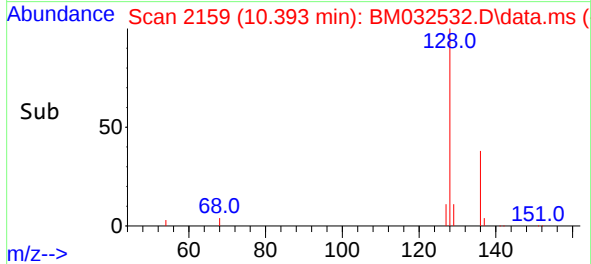




#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00



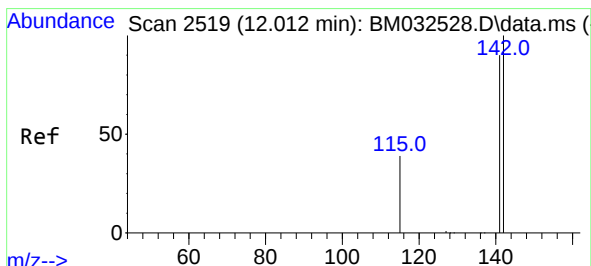
Tgt Ion:128 Resp: 1932
Ion Ratio Lower Upper
128 100
129 17.3 9.1 13.7#
127 16.1 11.1 16.7



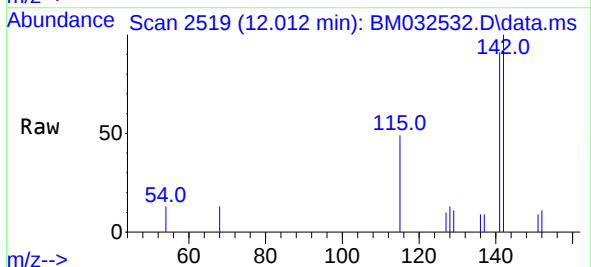
Instrument :
BNA_M
ClientSampleId :
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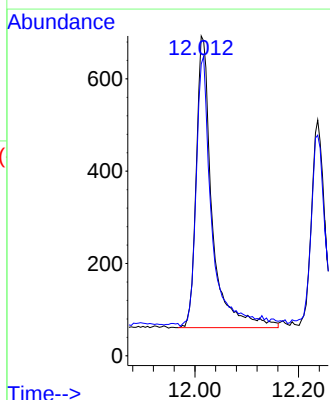
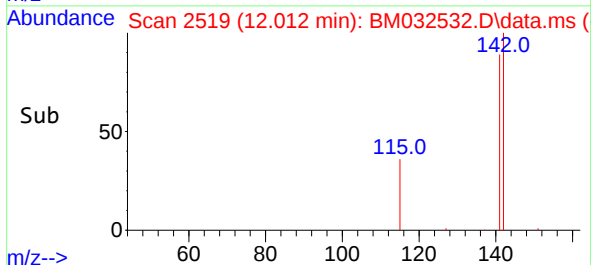
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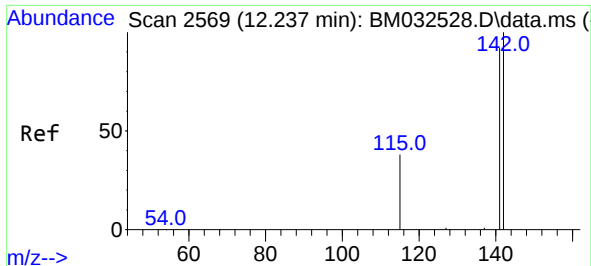


#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00



Tgt Ion:142 Resp: 1342
Ion Ratio Lower Upper
142 100
141 92.8 72.2 108.2





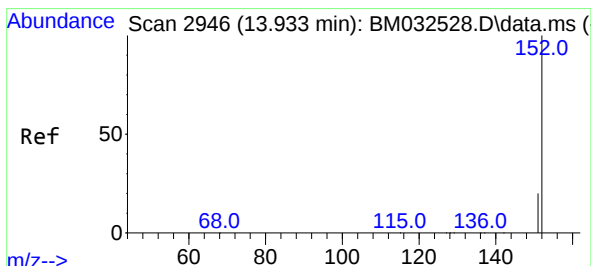
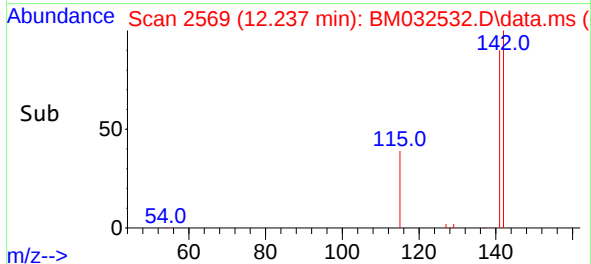
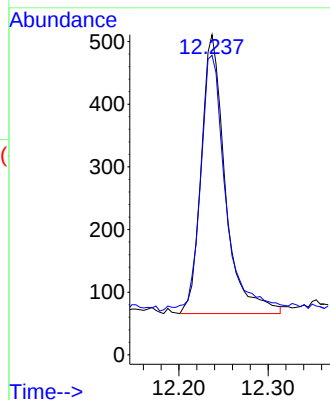
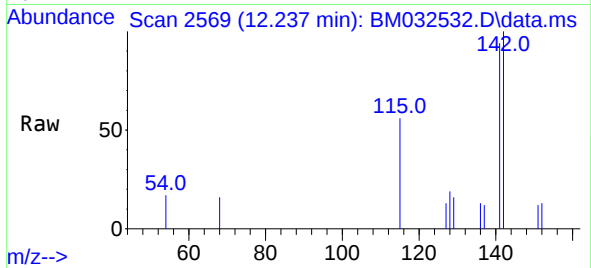
#8
1-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:142 Resp: 833
Ion Ratio Lower Upper
142 100
141 95.8 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C00R0DL

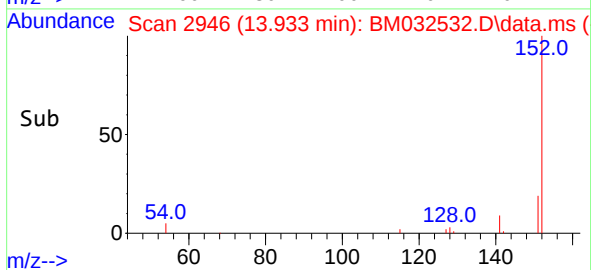
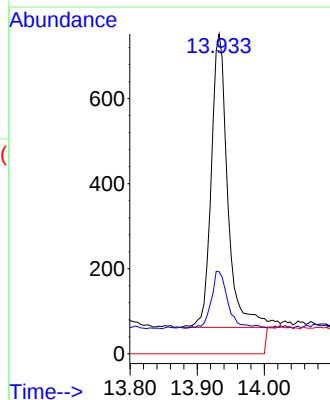
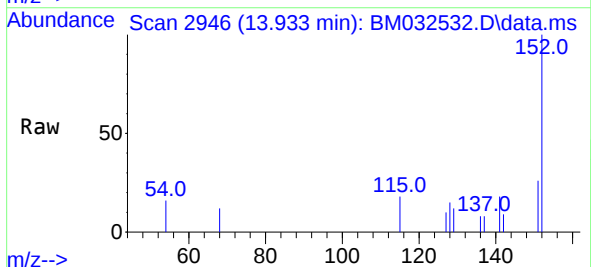
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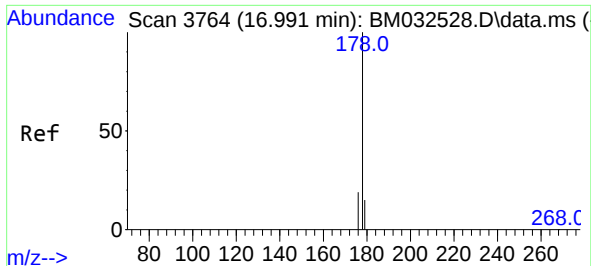
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#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

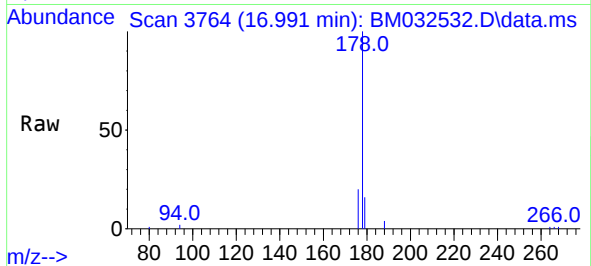
Tgt Ion:152 Resp: 1165
Ion Ratio Lower Upper
152 100
151 25.7 16.7 25.1#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.20 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

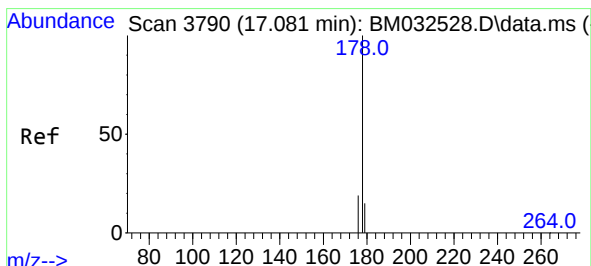
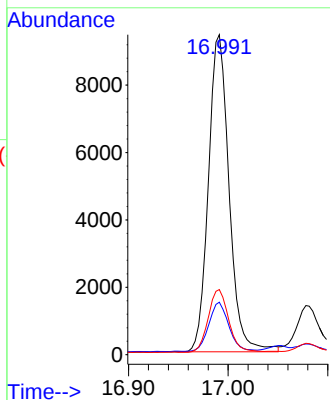
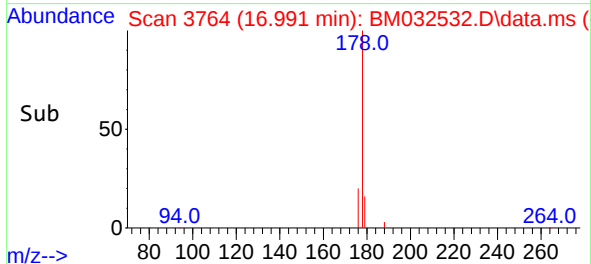
Instrument :
BNA_M
ClientSampled :
C00R0DL



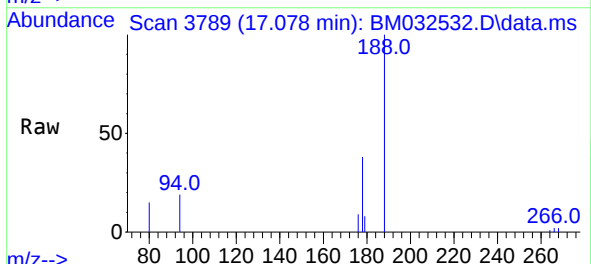
Tgt Ion:	178	Resp:	13593
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	20.3	16.1	24.1

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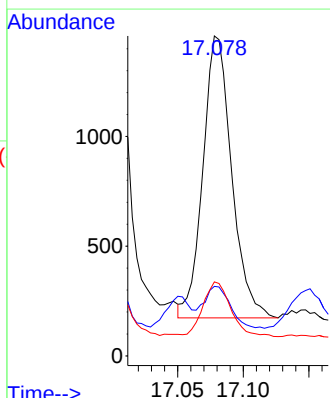
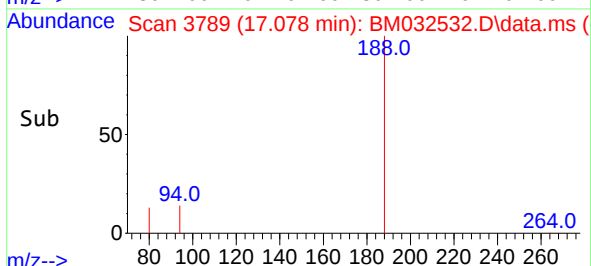
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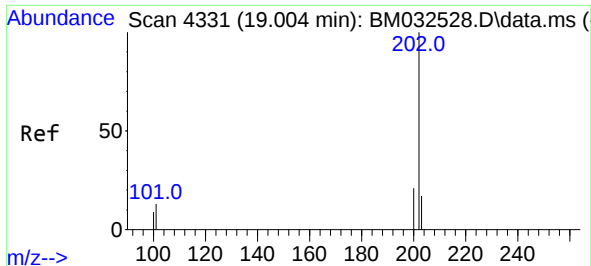


#16
Anthracene
Concen: 0.03 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.007 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00



Tgt Ion:	178	Resp:	1961
Ion Ratio	Lower	Upper	
178	100		
179	21.7	12.9	19.3#
176	23.1	15.8	23.6





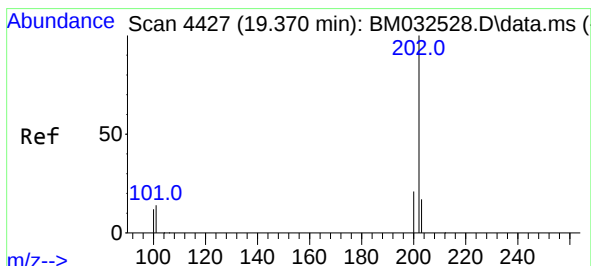
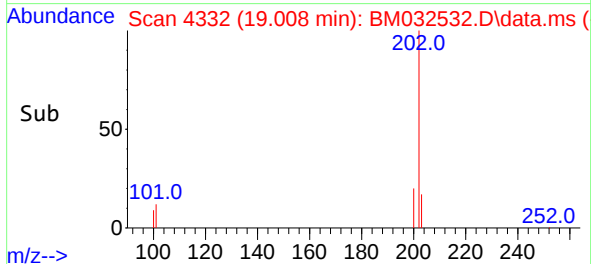
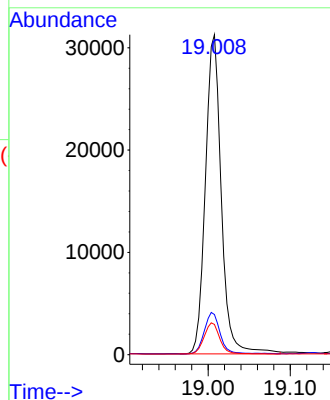
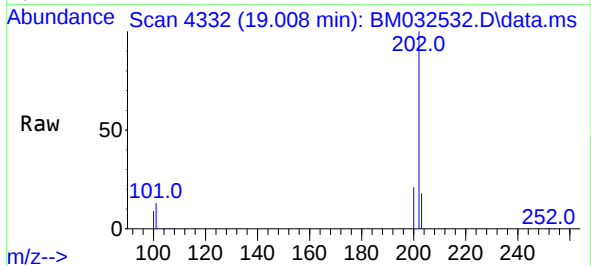
#19
Fluoranthene
Concen: 0.53 ng/ul
RT: 19.008 min Scan# 4332
Delta R.T. -0.004 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:	202	Resp:	41892
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.6	16.0
100	9.5	7.8	11.8

Instrument :
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ClientSampleId :
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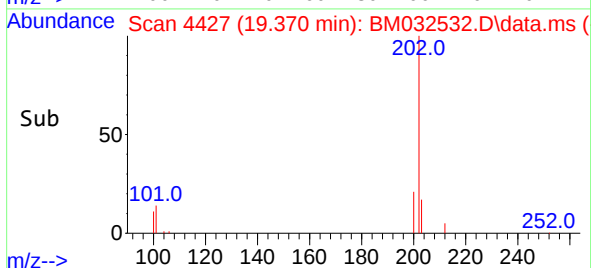
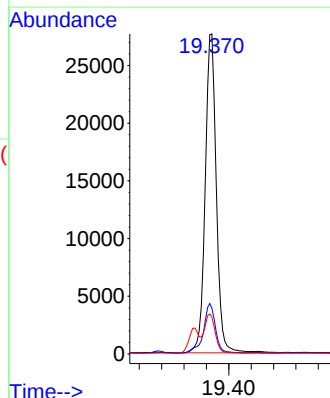
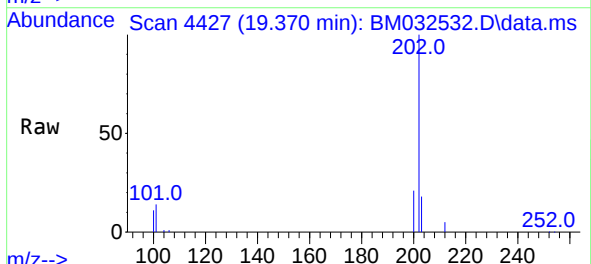
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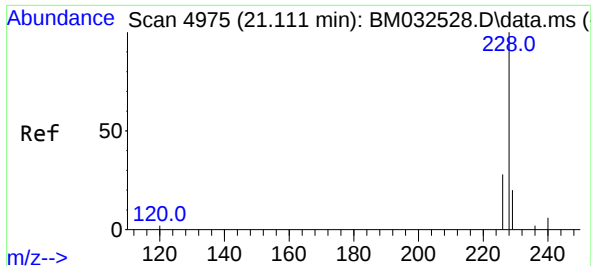
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#20
Pyrene
Concen: 0.47 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:	202	Resp:	38196
Ion Ratio	Lower	Upper	
202	100		
101	14.4	12.3	18.5
100	11.5	10.1	15.1





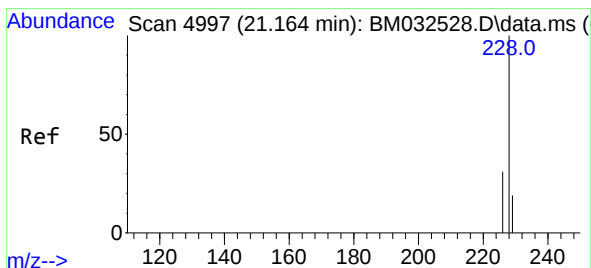
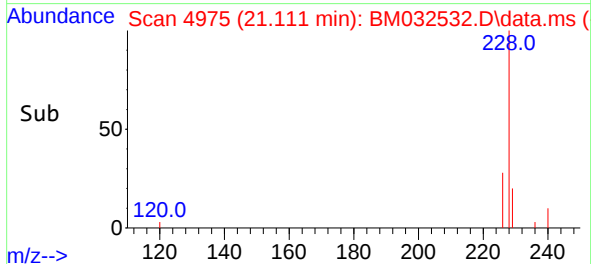
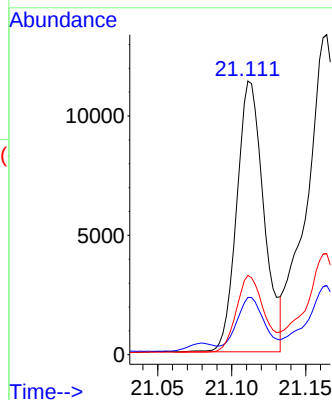
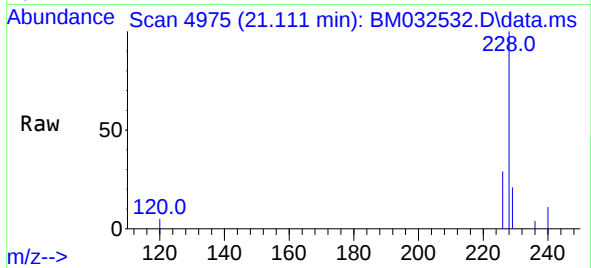
#21
Benzo(a)anthracene
Concen: 0.23 ng/u1
RT: 21.111 min Scan# 4975
Delta R.T. -0.010 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:	228	Resp:	14400
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.9	23.9
226	28.9	22.4	33.6

Instrument :
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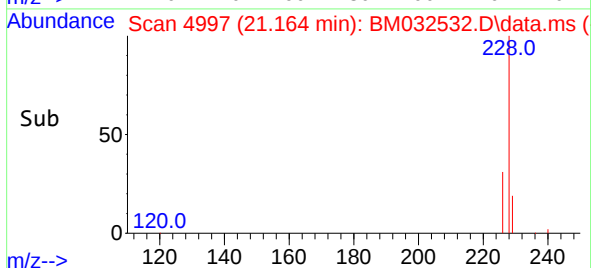
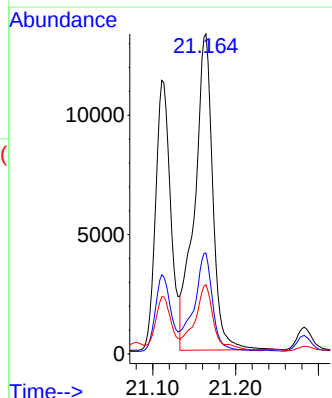
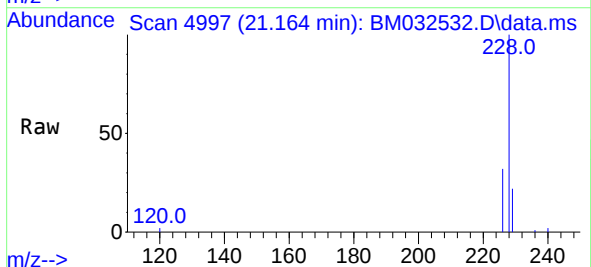
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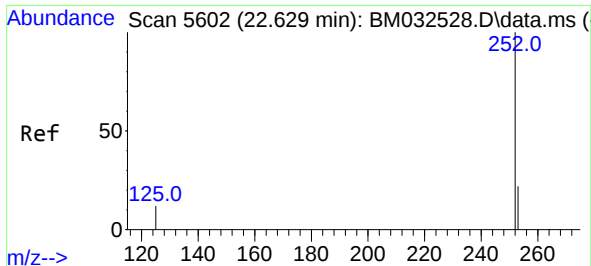
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#22
Chrysene
Concen: 0.30 ng/u1
RT: 21.164 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:	228	Resp:	20303
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.1	37.7
229	21.6	15.7	23.5





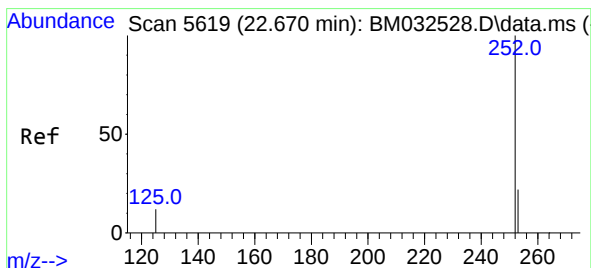
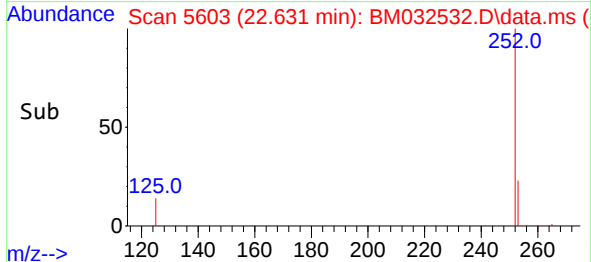
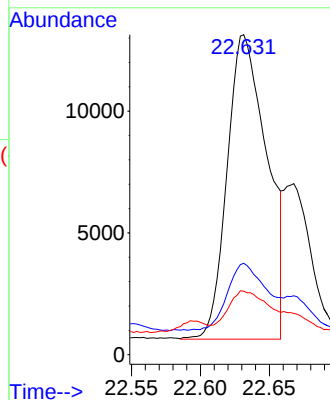
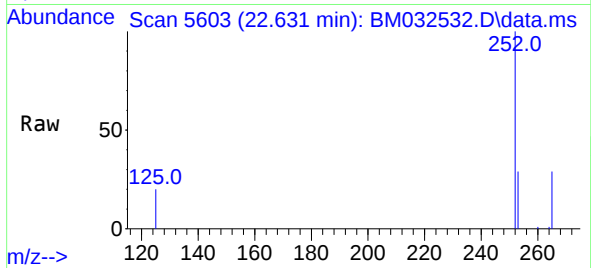
#24
Benzo(b)fluoranthene
Concen: 0.43 ng/ul m
RT: 22.631 min Scan# 5603
Delta R.T. -0.012 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:252	Resp:	25097
Ion Ratio	Lower	Upper
252	100	
253	28.5	0.0 53.8
125	19.9	0.0 35.6

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ClientSampleId :
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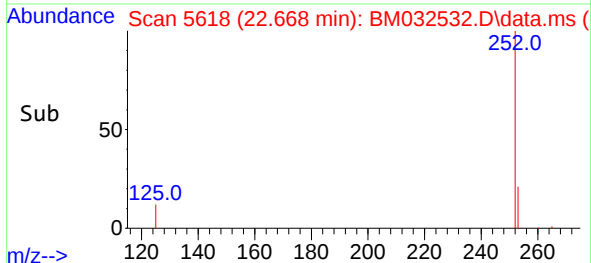
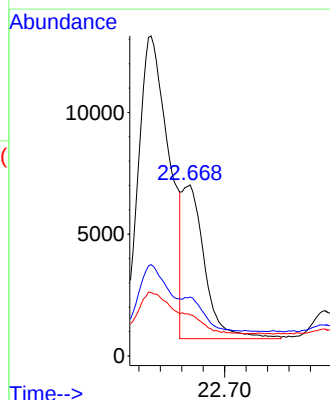
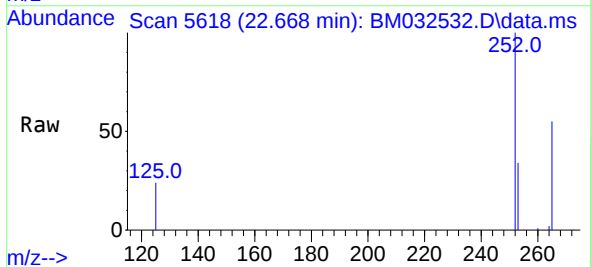
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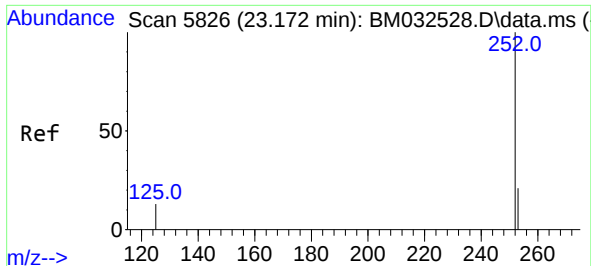
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#25
Benzo(k)fluoranthene
Concen: 0.16 ng/ul m
RT: 22.668 min Scan# 5618
Delta R.T. -0.017 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:252	Resp:	9279
Ion Ratio	Lower	Upper
252	100	
253	34.4	21.8 32.6#
125	24.1	14.4 21.6#





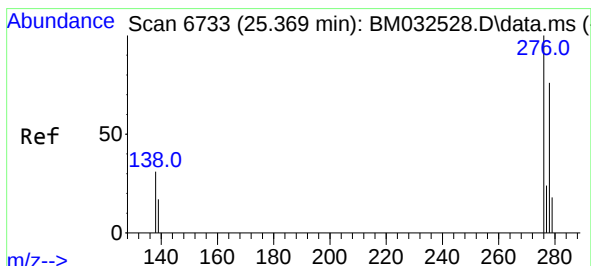
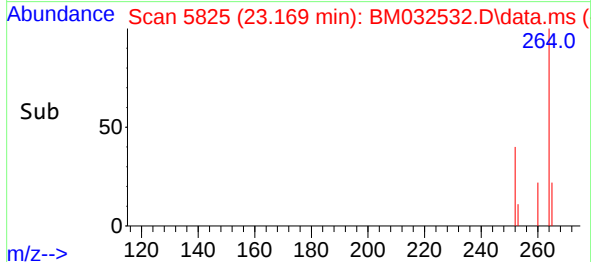
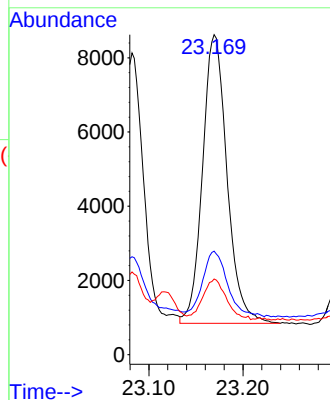
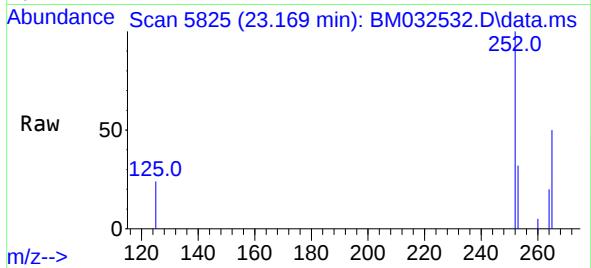
#26
Benzo(a)pyrene
Concen: 0.29 ng/u1
RT: 23.169 min Scan# 5825
Delta R.T. -0.014 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:	252	Resp:	14067
Ion Ratio	Lower	Upper	
252	100		
253	32.4	23.6	35.4
125	23.6	17.1	25.7

Instrument :
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C00R0DL

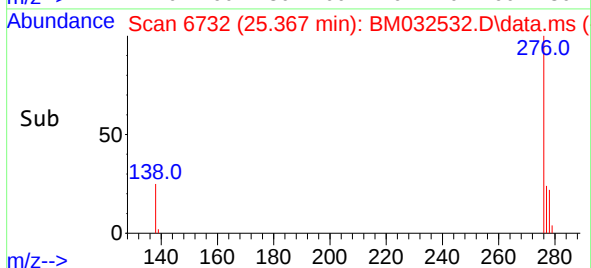
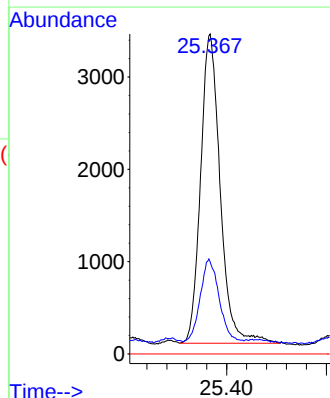
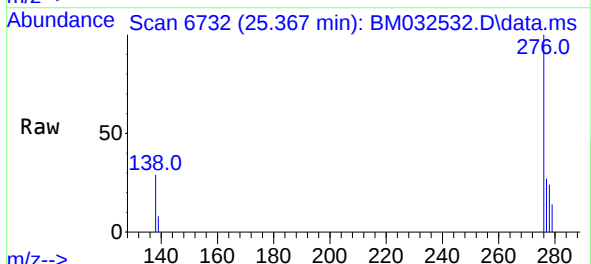
Manual Integrations
APPROVED

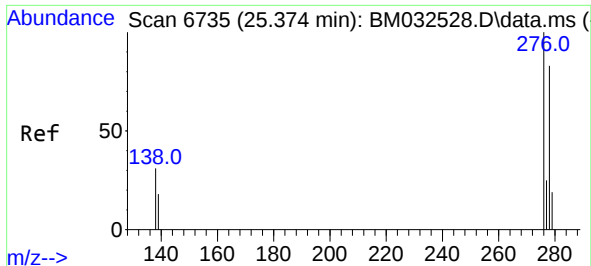
mohammad
10/18/2021 12:41:39 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng/u1
RT: 25.367 min Scan# 6732
Delta R.T. -0.019 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion:	276	Resp:	9126
Ion Ratio	Lower	Upper	
276	100		
138	26.5	24.9	37.3
227	0.0	0.0	0.0





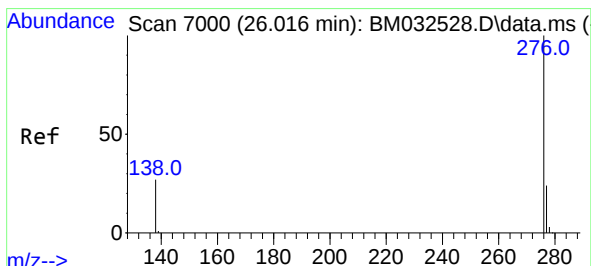
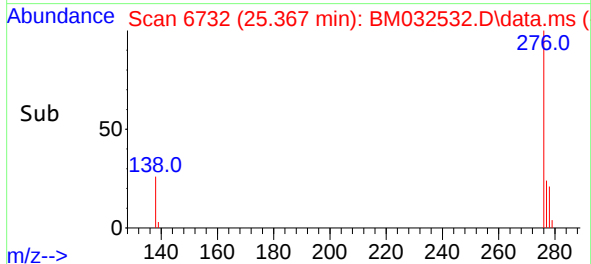
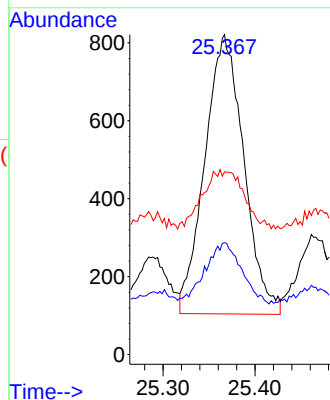
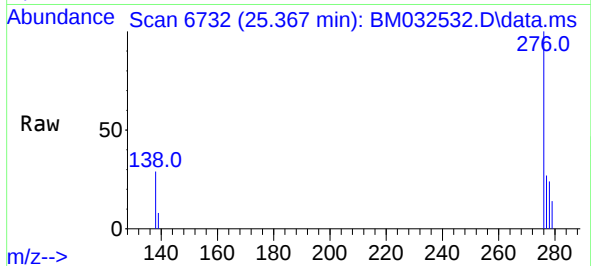
#28
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.367 min Scan# 6732
Delta R.T. -0.027 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion: 278 Resp: 2112
Ion Ratio Lower Upper
278 100
139 35.0 18.6 28.0#
279 57.1 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C00R0DL

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul
RT: 26.011 min Scan# 6998
Delta R.T. -0.019 min
Lab File: BM032532.D
Acq: 15 Oct 2021 19:00

Tgt Ion: 276 Resp: 8953
Ion Ratio Lower Upper
276 100
138 29.7 22.6 33.8
277 26.9 19.9 29.9

