

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032522.D
 Acq On : 15 Oct 2021 12:52
 Operator : CG/JU
 Sample : M4030-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00U5

Manual Integrations
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Quant Time: Oct 15 13:23:31 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	4484	0.40	ng/ul	0.00
4) Naphthalene-d8	10.343	136	14479	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	7758	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	15550	0.40	ng/ul	0.00
17) Chrysene-d12	21.130	240	11475	0.40	ng/ul	0.00
23) Perylene-d12	23.271	264	9306	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	10474	2.08	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2543	0.13	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	5493	0.15	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.393	128	3698	0.08	ng/ul#	94
7) 2-Methylnaphthalene	12.017	142	2396	0.08	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	1264	0.04	ng/ul	99
10) Acenaphthylene	13.933	152	1123	0.03	ng/ul#	86
11) Acenaphthene	14.277	153	625	0.02	ng/ul	96
12) Fluorene	15.263	166	1065	0.03	ng/ul#	95
15) Phenanthrene	16.991	178	22465	0.43	ng/ul	100
16) Anthracene	17.078	178	2682	0.06	ng/ul#	93
19) Fluoranthene	19.007	202	47889	0.84	ng/ul	99
20) Pyrene	19.370	202	43185	0.74	ng/ul	100
21) Benzo(a)anthracene	21.116	228	15587	0.35	ng/ul	97
22) Chrysene	21.166	228	19690	0.40	ng/ul	98
24) Benzo(b)fluoranthene	22.636	252	20887m	0.49	ng/ul	
25) Benzo(k)fluoranthene	22.672	252	8827m	0.21	ng/ul	
26) Benzo(a)pyrene	23.174	252	13733	0.38	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.374	276	7985	0.18	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.376	278	1839	0.05	ng/ul#	49
29) Benzo(g,h,i)perylene	26.016	276	7457	0.19	ng/ul	96

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

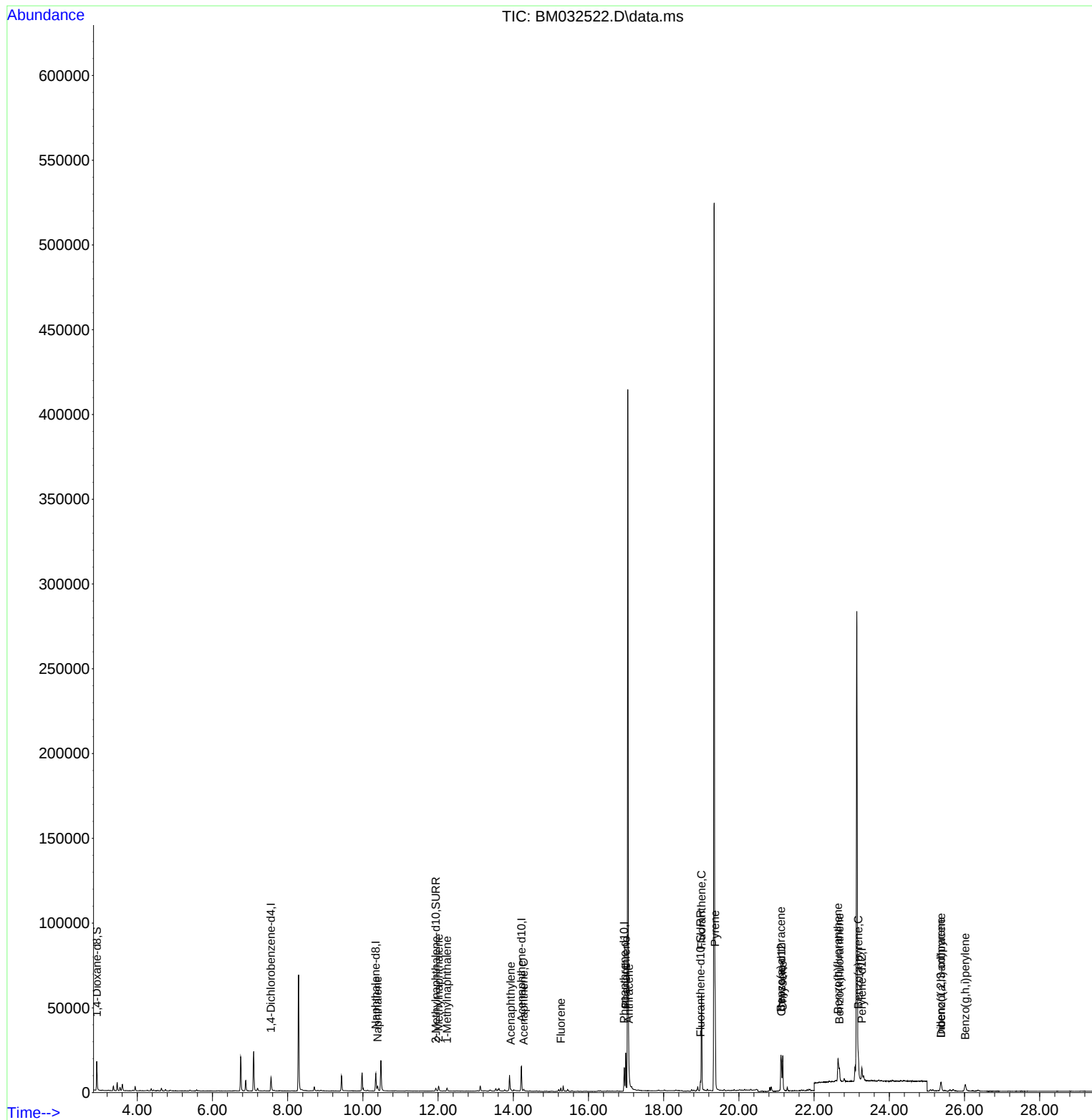
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
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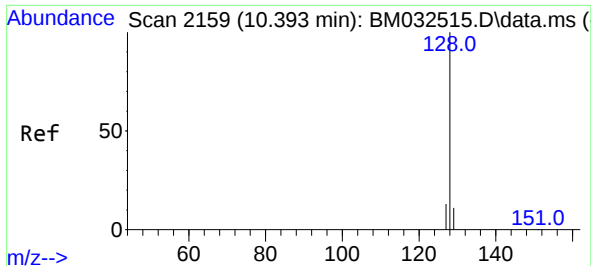
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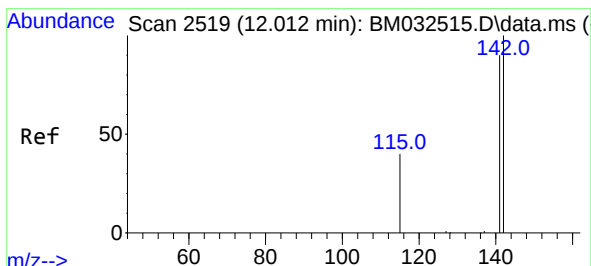
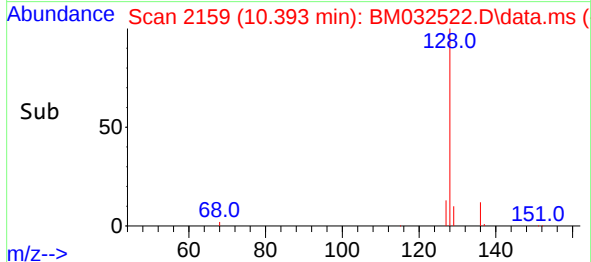
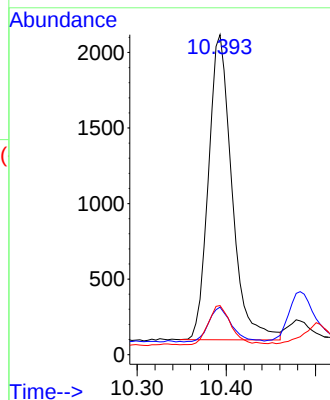
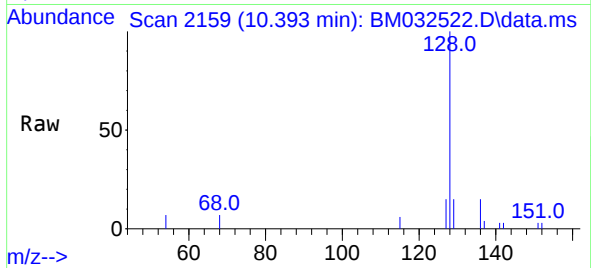
#5
Naphthalene
Concen: 0.08 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion:128 Resp: 3698
Ion Ratio Lower Upper
128 100
129 14.8 9.1 13.7#
127 15.3 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C00U5

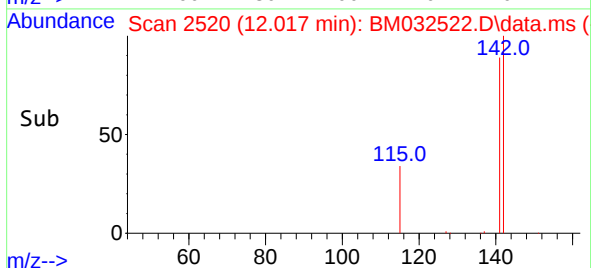
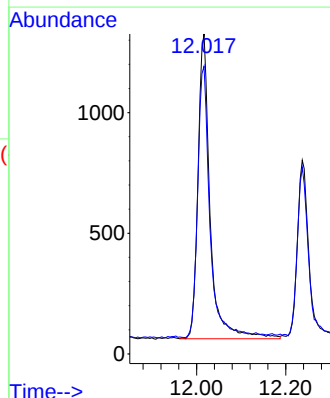
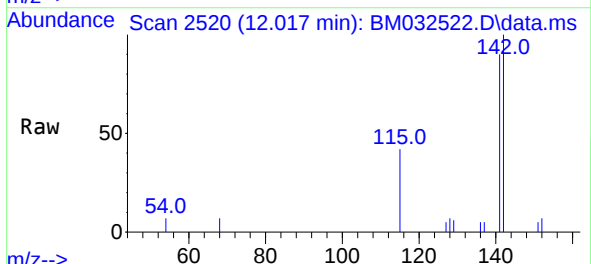
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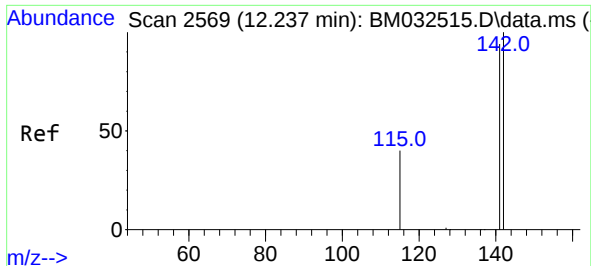
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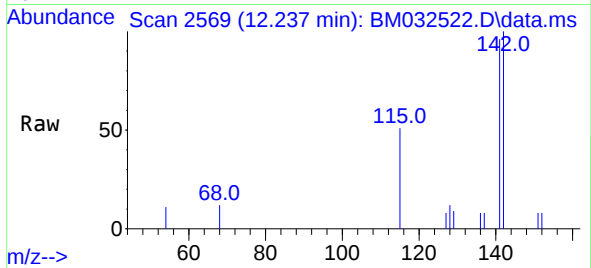
#7
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.004 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion:142 Resp: 2396
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2

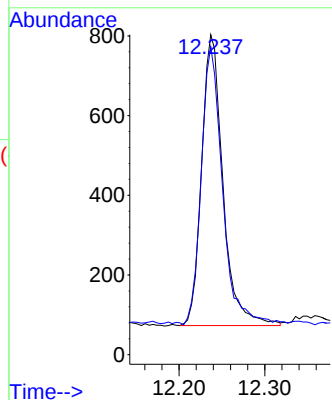




#8
1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52



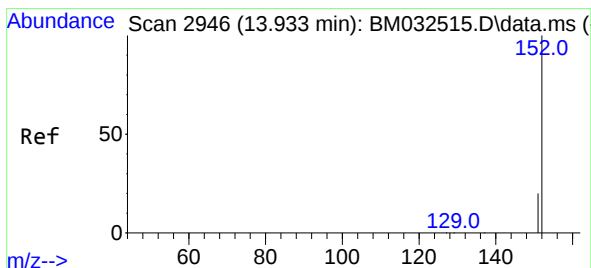
Tgt Ion:142 Resp: 1264
Ion Ratio Lower Upper
142 100
141 92.5 74.9 112.3



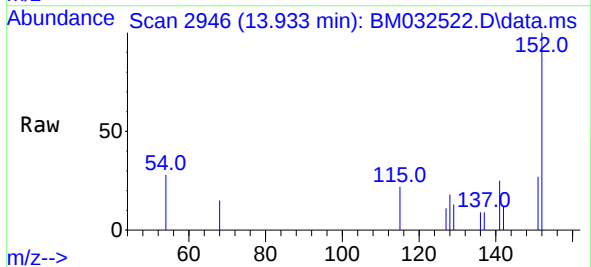
Instrument :
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ClientSampleId :
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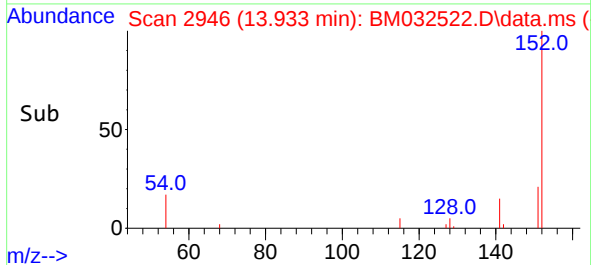
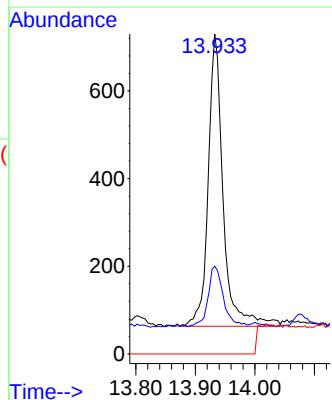
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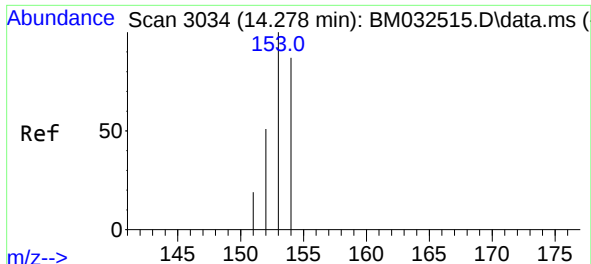


#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. -0.000 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

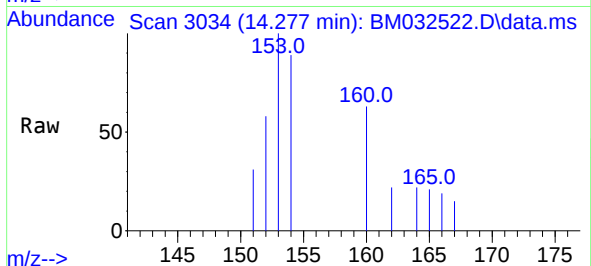


Tgt Ion:152 Resp: 1123
Ion Ratio Lower Upper
152 100
151 27.4 16.7 25.1#
153 0.0 0.0 0.0

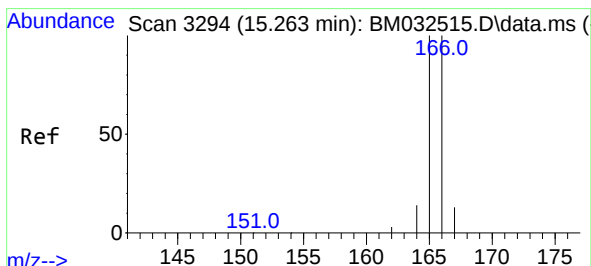
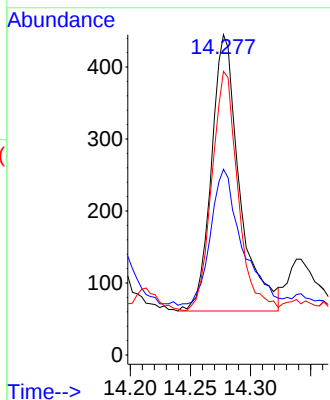
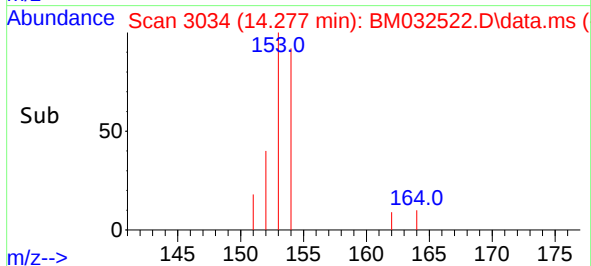




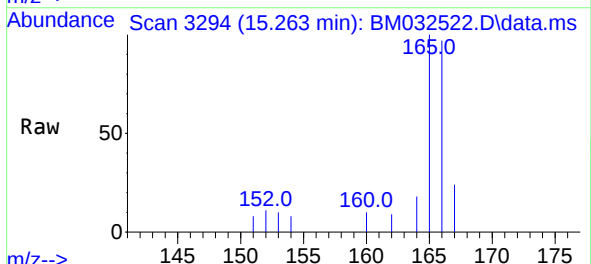
#11
Acenaphthene
Concen: 0.02 ng/u1
RT: 14.277 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52



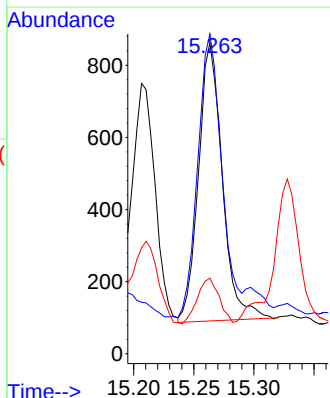
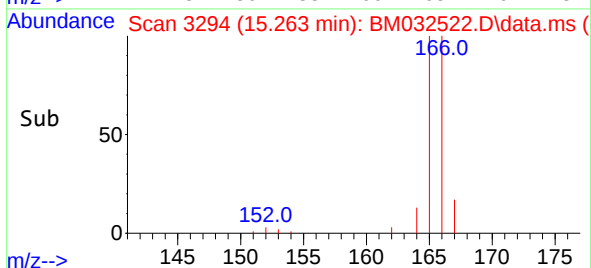
Tgt Ion:153 Resp: 625
Ion Ratio Lower Upper
153 100
152 58.0 40.4 60.6
154 88.5 70.8 106.2



#12
Fluorene
Concen: 0.03 ng/u1
RT: 15.263 min Scan# 3294
Delta R.T. -0.000 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52



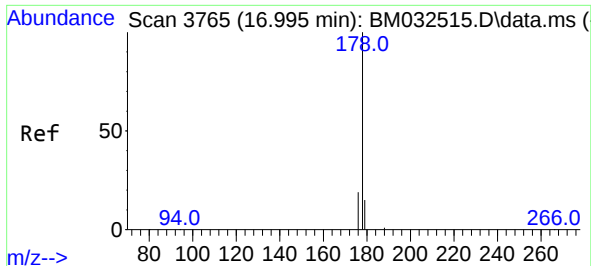
Tgt Ion:166 Resp: 1065
Ion Ratio Lower Upper
166 100
165 102.8 80.7 121.1
167 24.3 11.2 16.8#



Instrument :
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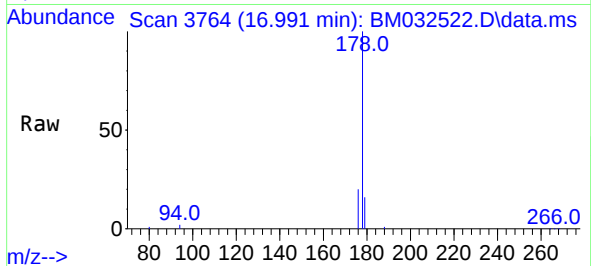
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#15
Phenanthrene
Concen: 0.43 ng/u1
RT: 16.991 min Scan# 3764
Delta R.T. -0.004 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

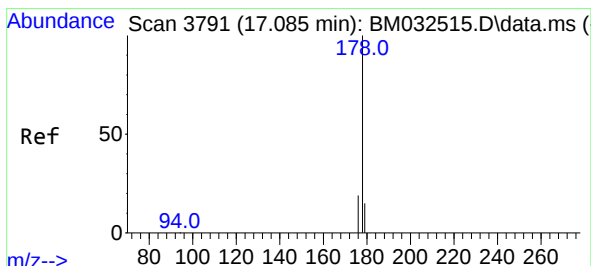
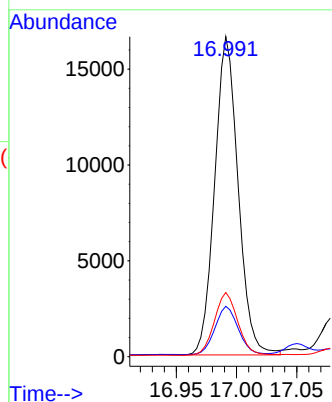
Instrument :
BNA_M
ClientSampled :
C00U5



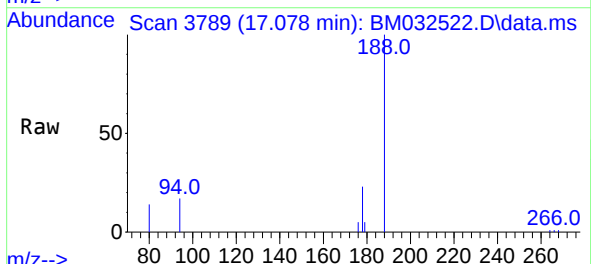
Tgt Ion:178 Resp: 22465
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.0 16.1 24.1

Manual Integrations
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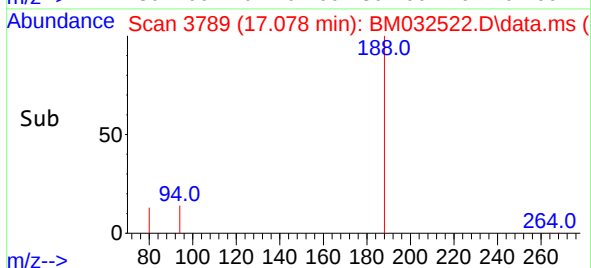
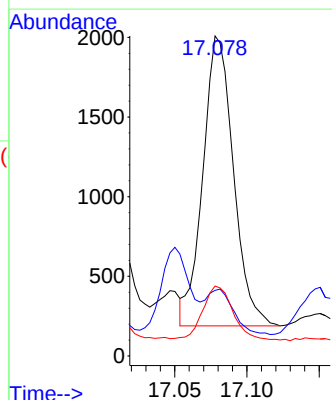
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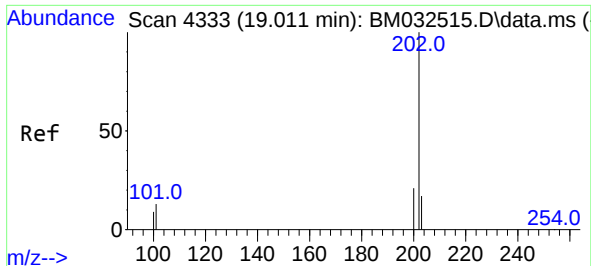


#16
Anthracene
Concen: 0.06 ng/u1
RT: 17.078 min Scan# 3789
Delta R.T. -0.007 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52



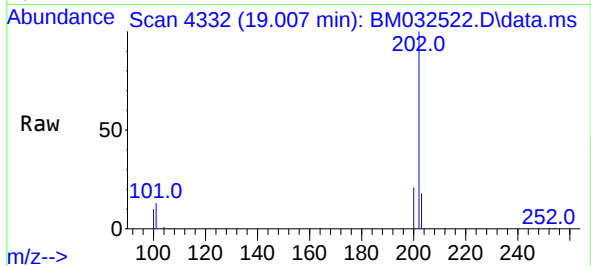
Tgt Ion:178 Resp: 2682
Ion Ratio Lower Upper
178 100
179 20.5 12.9 19.3#
176 21.9 15.8 23.6





#19
Fluoranthene
Concen: 0.84 ng/ul
RT: 19.007 min Scan# 4332
Delta R.T. -0.004 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

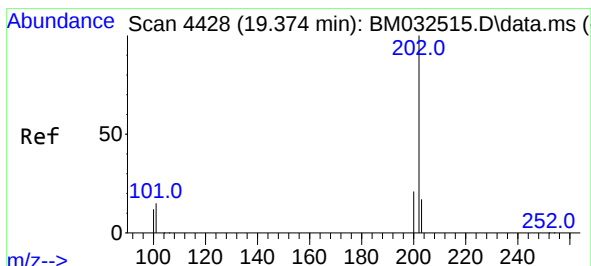
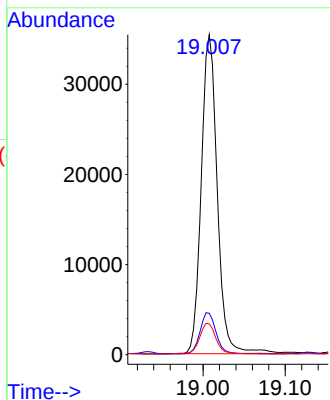
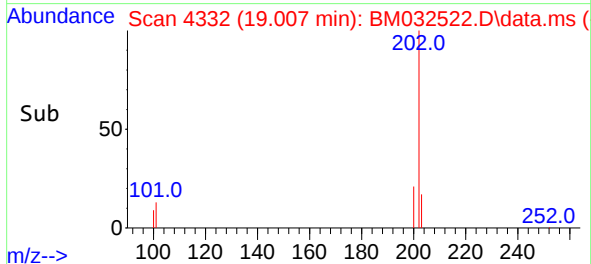
Instrument :
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ClientSampleId :
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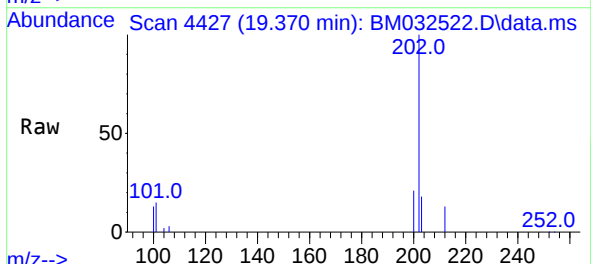
Tgt Ion:202 Resp: 47889
Ion Ratio Lower Upper
202 100
101 13.0 10.6 16.0
100 9.7 7.8 11.8

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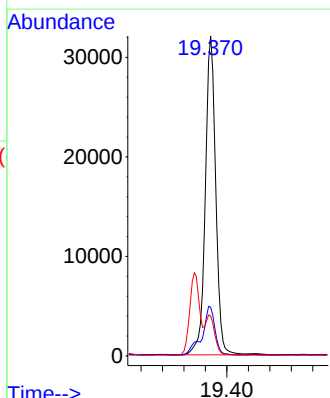
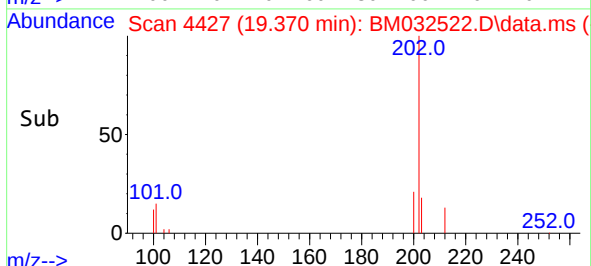
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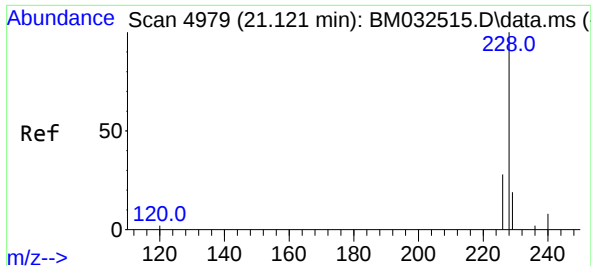


#20
Pyrene
Concen: 0.74 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52



Tgt Ion:202 Resp: 43185
Ion Ratio Lower Upper
202 100
101 15.2 12.3 18.5
100 12.5 10.1 15.1





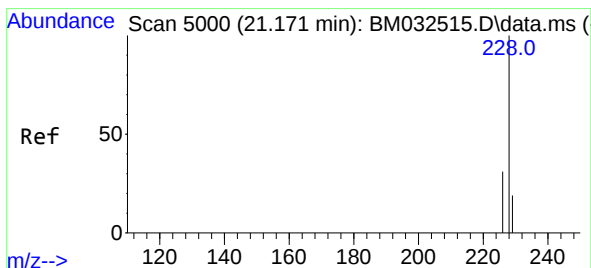
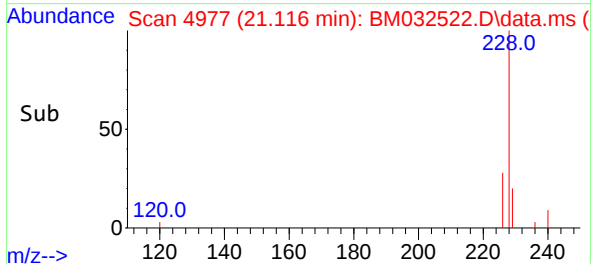
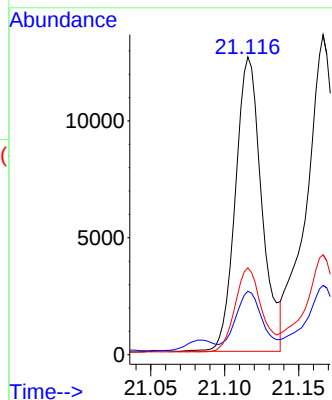
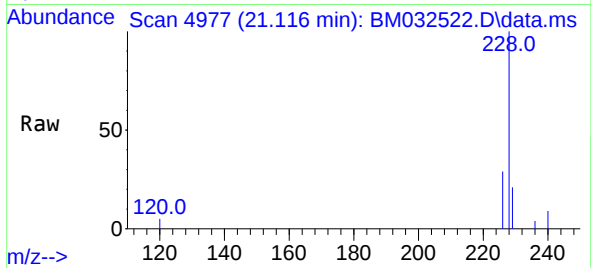
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Benzo(a)anthracene
Concen: 0.35 ng/u1
RT: 21.116 min Scan# 4977
Delta R.T. -0.005 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion:228	Resp:	15587
Ion Ratio	Lower	Upper
228	100	
229	21.3	15.9 23.9
226	29.2	22.4 33.6

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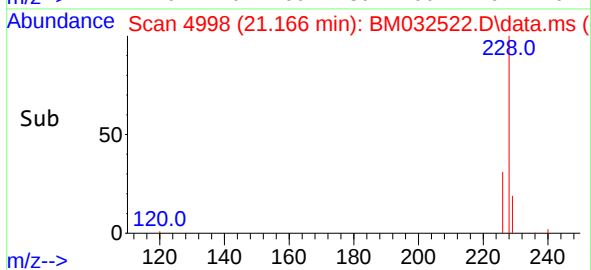
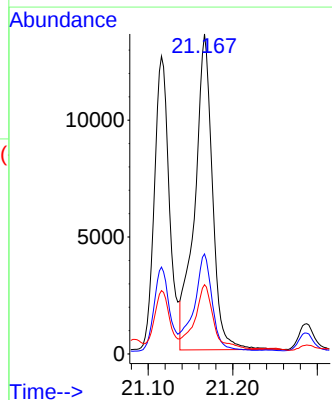
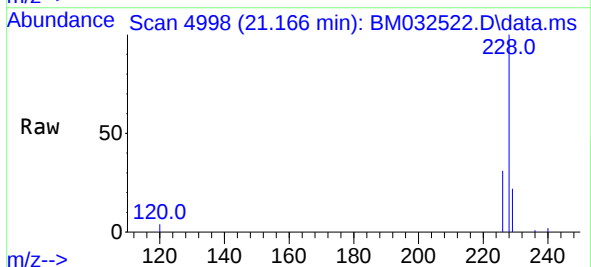
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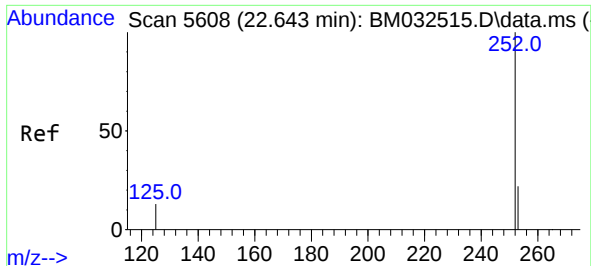
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#22
Chrysene
Concen: 0.40 ng/u1
RT: 21.166 min Scan# 4998
Delta R.T. -0.005 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion:228	Resp:	19690
Ion Ratio	Lower	Upper
228	100	
226	31.3	25.1 37.7
229	21.7	15.7 23.5





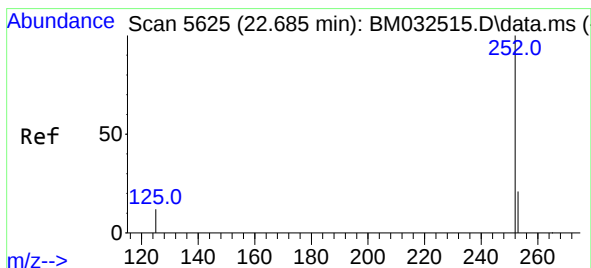
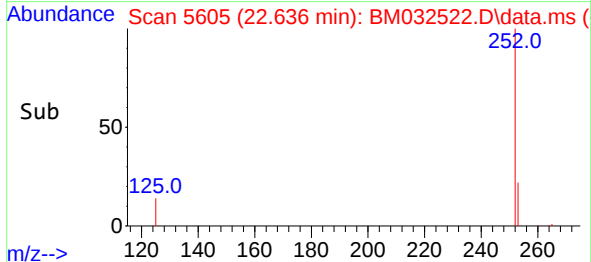
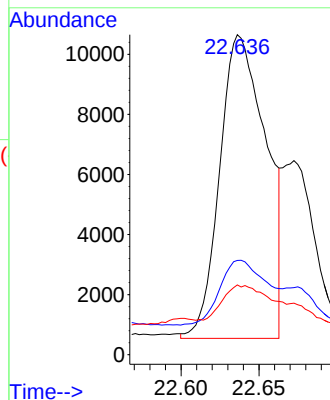
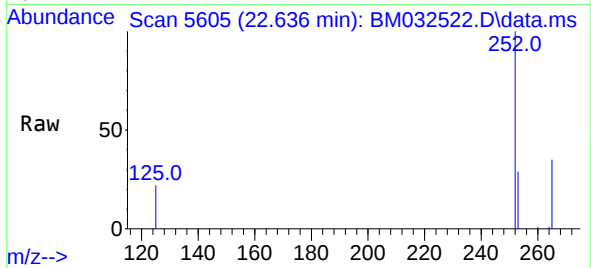
#24
Benzo(b)fluoranthene
Concen: 0.49 ng/ul m
RT: 22.636 min Scan# 5605
Delta R.T. -0.007 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion:252	Resp:	20887
Ion Ratio	Lower	Upper
252	100	
253	29.4	0.0 53.8
125	21.8	0.0 35.6

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ClientSampled :
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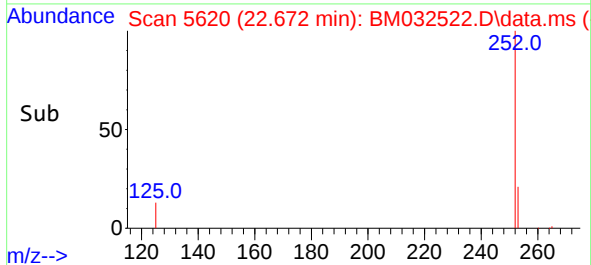
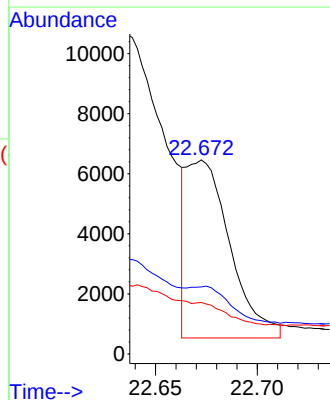
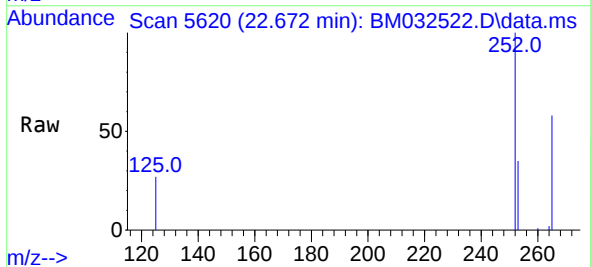
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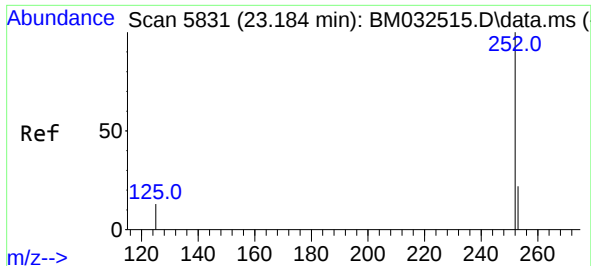
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#25
Benzo(k)fluoranthene
Concen: 0.21 ng/ul m
RT: 22.672 min Scan# 5620
Delta R.T. -0.012 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion:252	Resp:	8827
Ion Ratio	Lower	Upper
252	100	
253	34.6	21.8 32.6#
125	26.6	14.4 21.6#





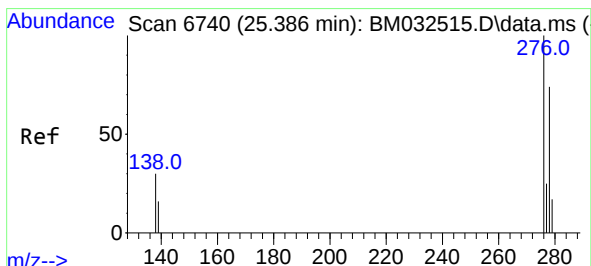
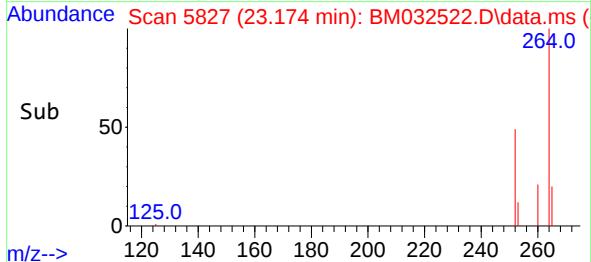
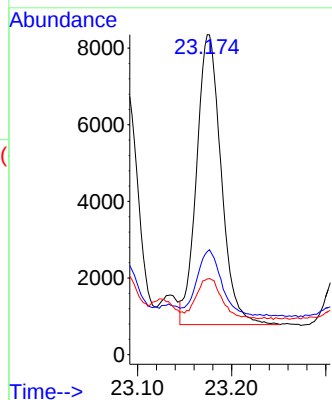
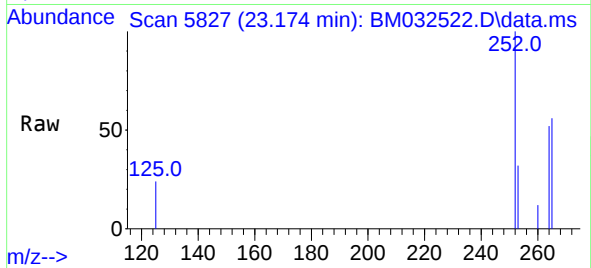
#26
Benzo(a)pyrene
Concen: 0.38 ng/u1
RT: 23.174 min Scan# 5827
Delta R.T. -0.010 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion:	252	Resp:	13733
Ion Ratio	Lower	Upper	
252	100		
253	32.2	23.6	35.4
125	23.6	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
C00U5

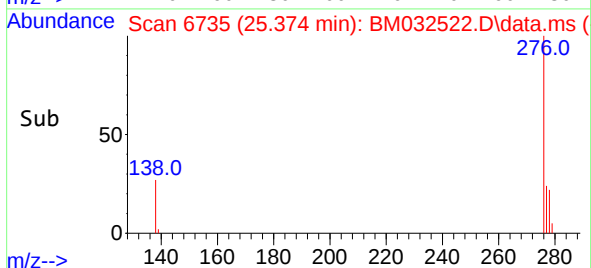
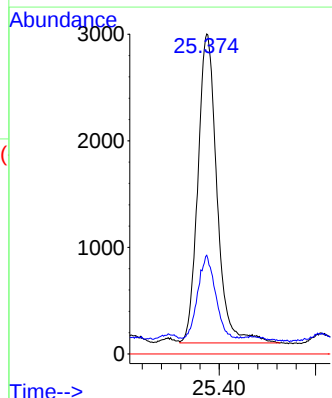
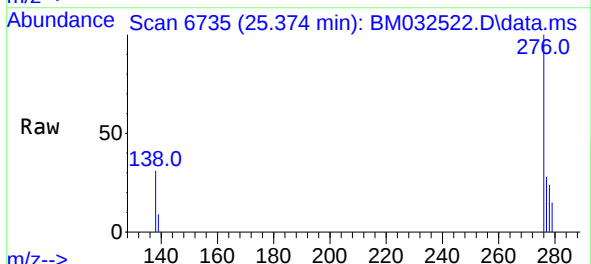
Manual Integrations
APPROVED

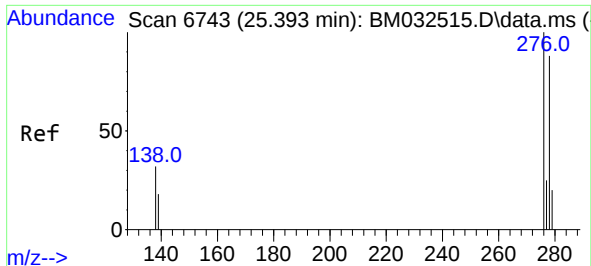
mohammad
10/18/2021 12:41:14 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng/u1
RT: 25.374 min Scan# 6735
Delta R.T. -0.012 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion:	276	Resp:	7985
Ion Ratio	Lower	Upper	
276	100		
138	24.8	24.9	37.3#
227	0.0	0.0	0.0





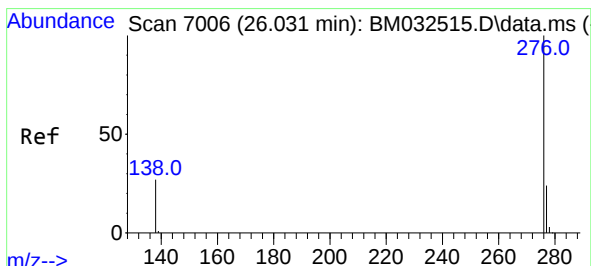
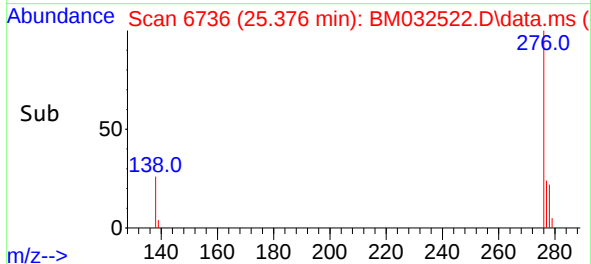
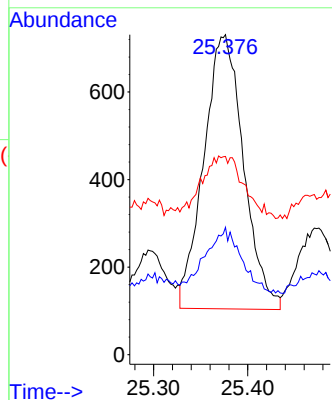
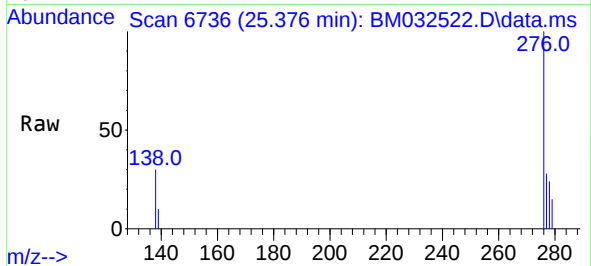
#28
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 25.376 min Scan# 6736
Delta R.T. -0.017 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion: 278 Resp: 1839
Ion Ratio Lower Upper
278 100
139 39.8 18.6 28.0#
279 62.0 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C00U5

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:14 PM



#29
Benzo(g,h,i)perylene
Concen: 0.19 ng/ul
RT: 26.016 min Scan# 7000
Delta R.T. -0.015 min
Lab File: BM032522.D
Acq: 15 Oct 2021 12:52

Tgt Ion: 276 Resp: 7457
Ion Ratio Lower Upper
276 100
138 30.8 22.6 33.8
277 26.6 19.9 29.9

