

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031525.D
 Acq On : 06 Aug 2021 20:57
 Operator : CG/JU
 Sample : M3124-15
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0096

Manual Integrations
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Quant Time: Aug 07 03:24:41 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 : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1585	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5888	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.216	164	3629	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	6757	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	5415	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	5136	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	6159	3.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	2640	0.266	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	5333	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	19042	1.086	ng/ul	97
7) 2-Methylnaphthalene	12.016	142	13720	1.145	ng/ul	100
8) 1-Methylnaphthalene	12.236	142	7547	0.637	ng/ul	99
10) Acenaphthylene	13.936	152	18982	1.228	ng/ul	99
11) Acenaphthene	14.281	153	2027	0.156	ng/ul	98
12) Fluorene	15.270	166	4055	0.271	ng/ul#	93
14) Pentachlorophenol	16.621	266	227	0.105	ng/ul	100
15) Phenanthrene	17.006	178	100564	4.687	ng/ul	97
16) Anthracene	17.100	178	22737	1.132	ng/ul	99
19) Fluoranthene	19.028	202	253761	10.975	ng/ul	97
20) Pyrene	19.394	202	203245	8.666	ng/ul	98
21) Benzo(a)anthracene	21.142	228	115081	5.263	ng/ul	97
22) Chrysene	21.195	228	126302	5.583	ng/ul	97
24) Benzo(b)fluoranthene	22.675	252	175877m	7.600	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	59059m	2.470	ng/ul	
26) Benzo(a)pyrene	23.222	252	95142	4.695	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.446	276	75947	2.899	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.458	278	20165	0.955	ng/ul	97
29) Benzo(g,h,i)perylene	26.100	276	9023	0.404	ng/ul#	90

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

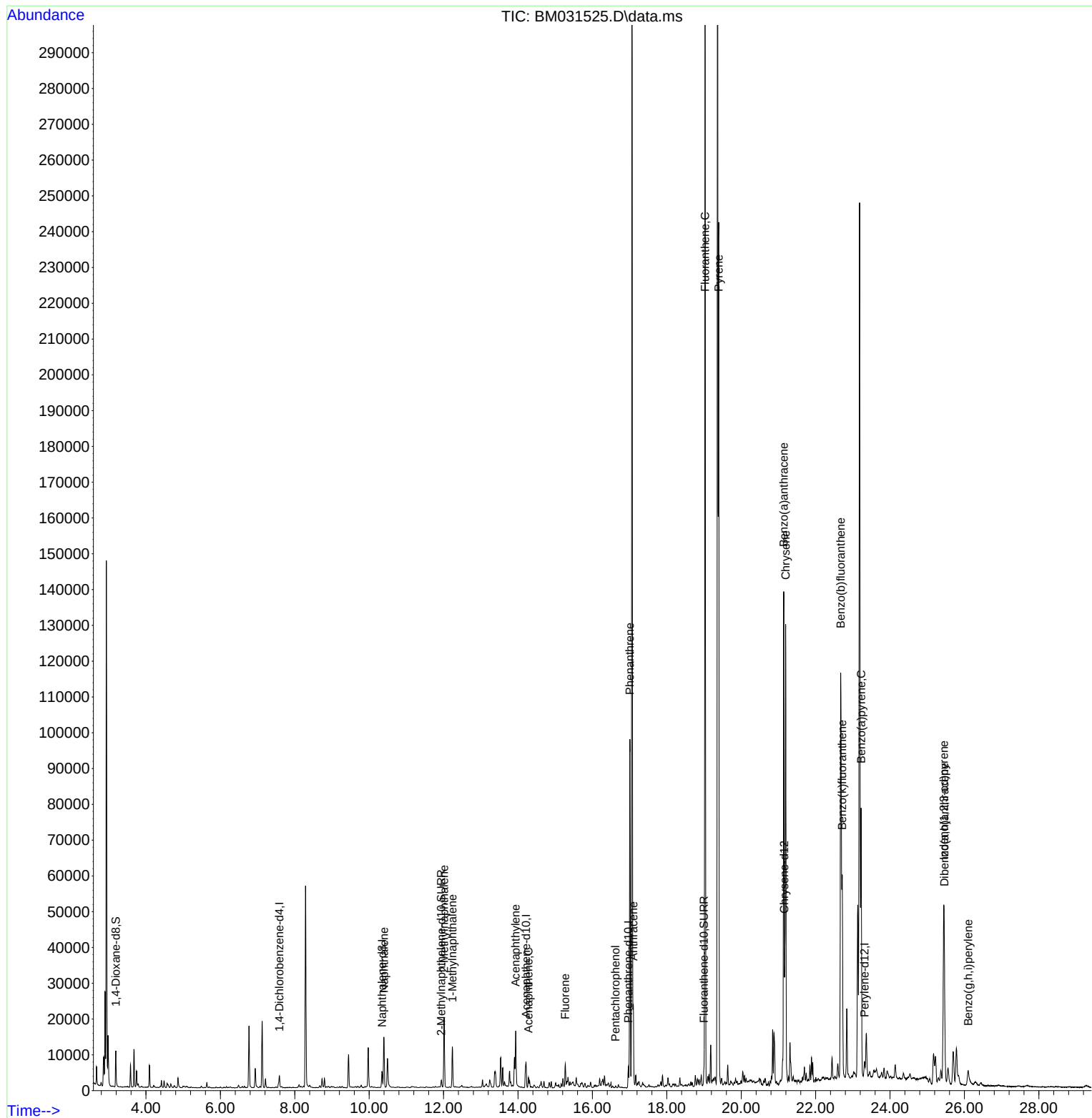
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031525.D
Acq On : 06 Aug 2021 20:57
Operator : CG/JU
Sample : M3124-15
Misc :
ALS Vial : 51 Sample Multiplier: 1

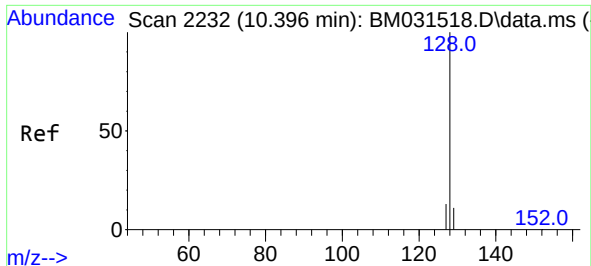
Instrument :
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ClientSampleId :
C0096

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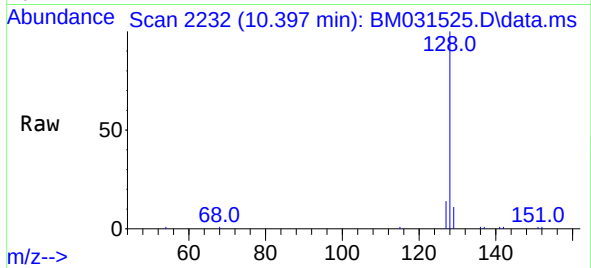
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Quant Time: Aug 07 03:24:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration



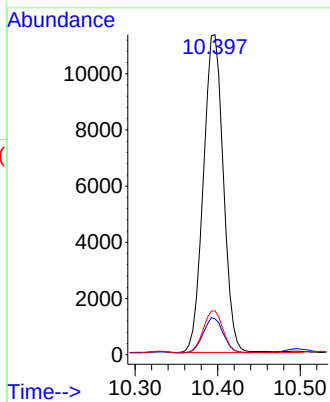
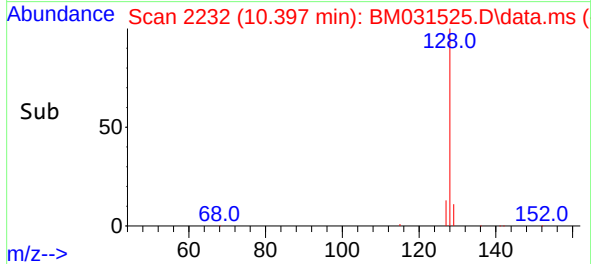


#5
Naphthalene
Concen: 1.086 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57



Tgt Ion:128 Resp: 19042

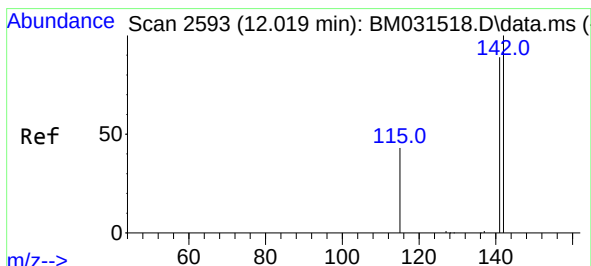
Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.0	15.0
127	13.7	11.6	17.4



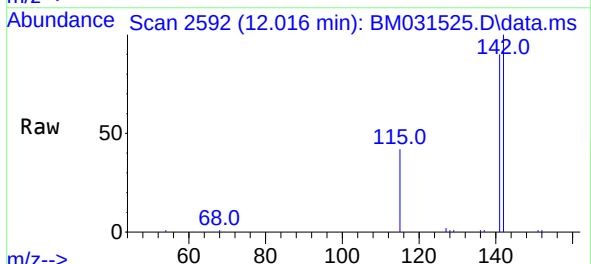
Instrument :
BNA_M
ClientSampleId :
C0096

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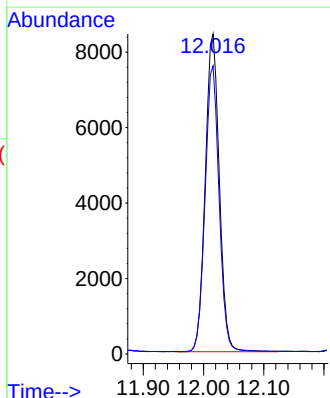
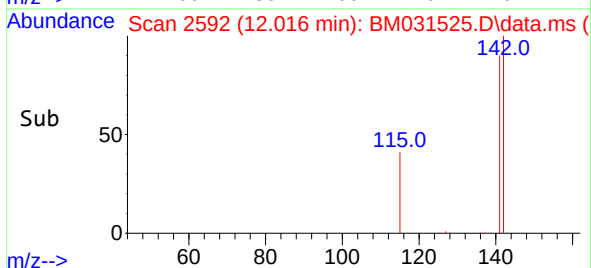


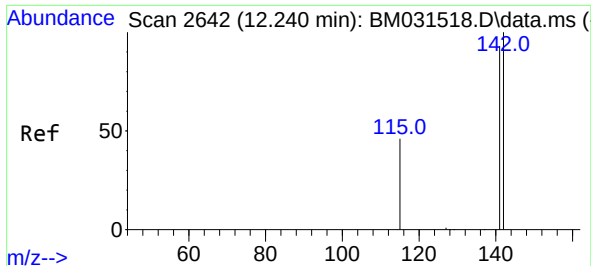
#7
2-Methylnaphthalene
Concen: 1.145 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57



Tgt Ion:142 Resp: 13720

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0





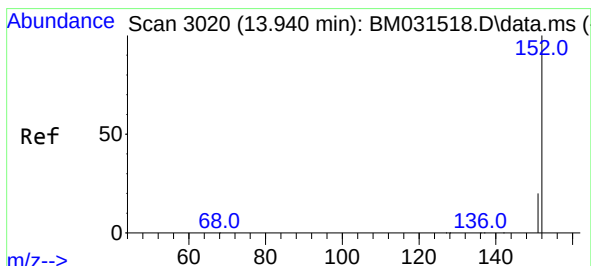
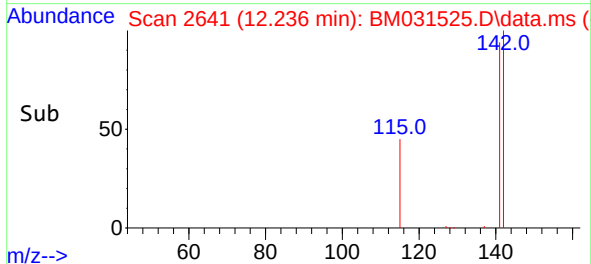
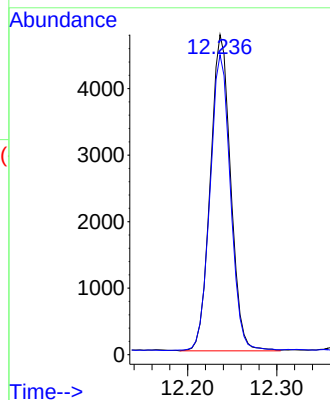
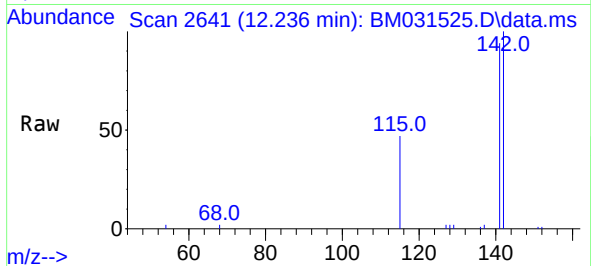
#8
1-Methylnaphthalene
Concen: 0.637 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.003 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

Tgt Ion:142 Resp: 7547
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

Instrument :
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ClientSampled :
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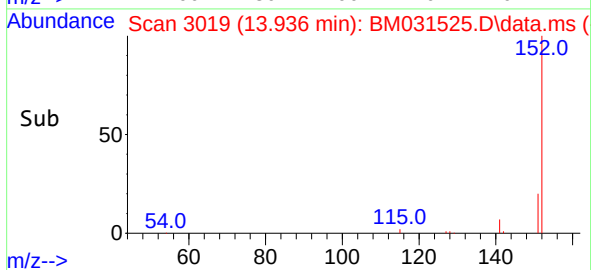
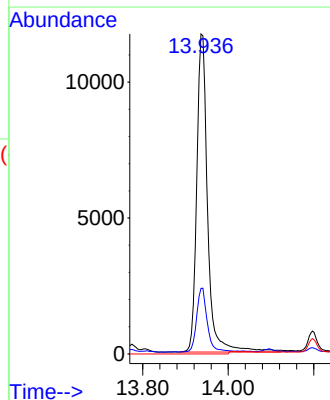
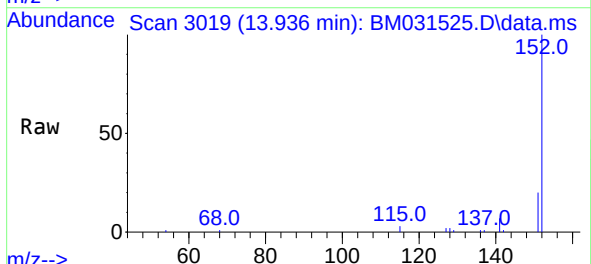
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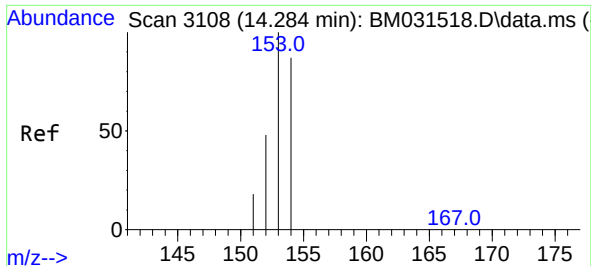
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#10
Acenaphthylene
Concen: 1.228 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

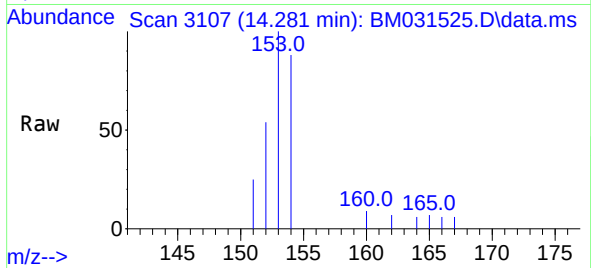
Tgt Ion:152 Resp: 18982
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.156 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

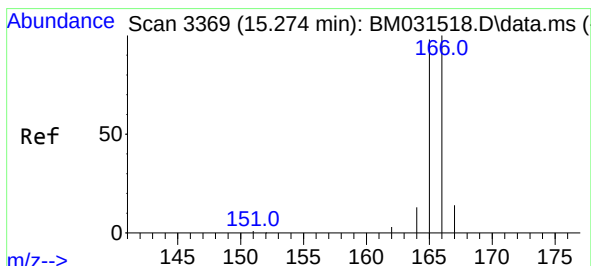
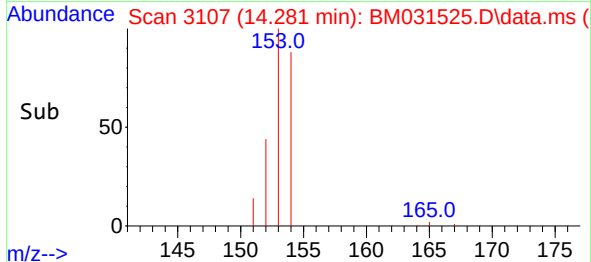
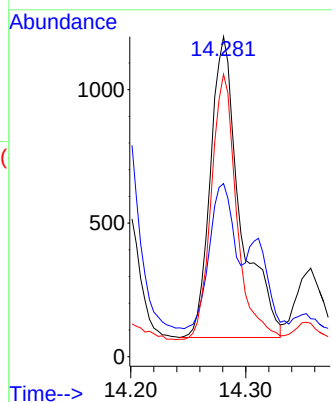
Instrument :
BNA_M
ClientSampled :
C0096



Tgt Ion:153 Resp: 2027
Ion Ratio Lower Upper
153 100
152 54.1 40.7 61.1
154 88.2 70.2 105.2

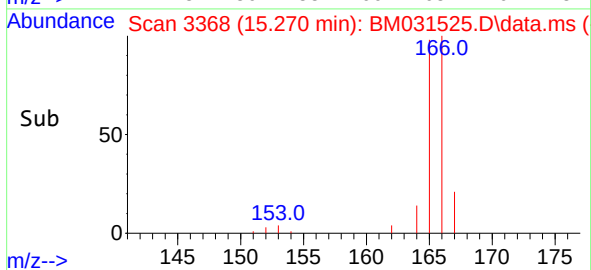
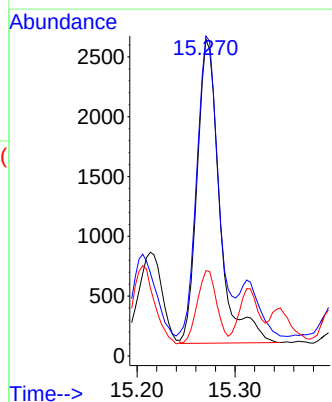
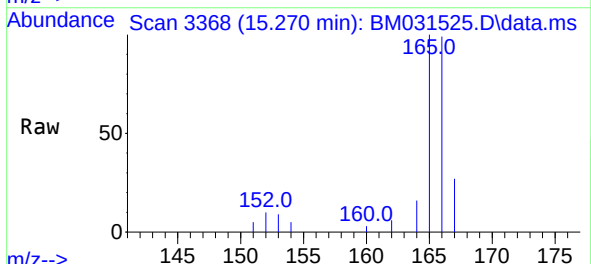
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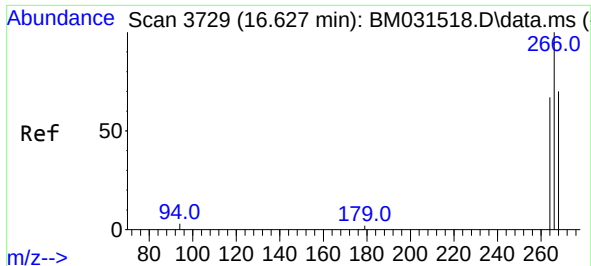
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#12
Fluorene
Concen: 0.271 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

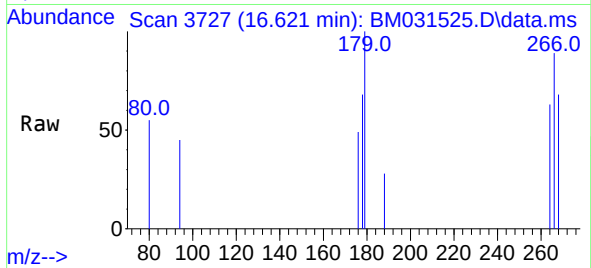
Tgt Ion:166 Resp: 4055
Ion Ratio Lower Upper
166 100
165 101.1 78.0 117.0
167 27.0 12.0 18.0#





#14
Pentachlorophenol
Concen: 0.105 ng/ul
RT: 16.621 min Scan# 3727
Delta R.T. -0.007 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

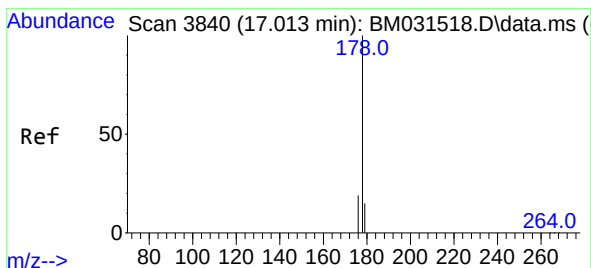
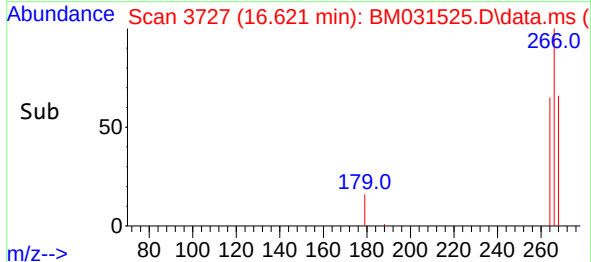
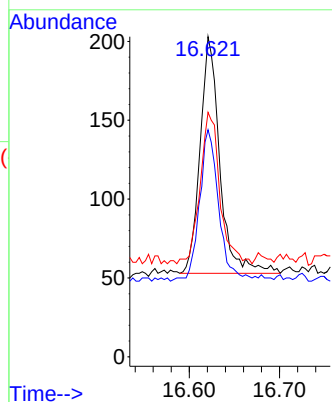
Instrument :
BNA_M
ClientSampled :
C0096



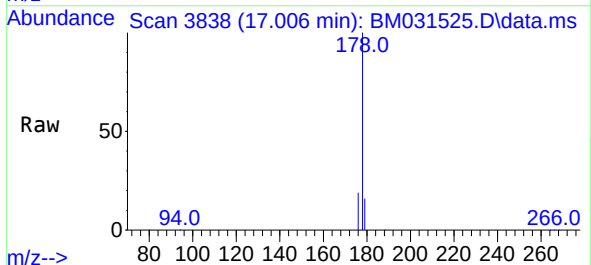
Tgt Ion:	266	Resp:	227
Ion Ratio	Lower	Upper	
266	100		
264	62.6	50.1	75.1
268	64.3	51.3	76.9

Manual Integrations
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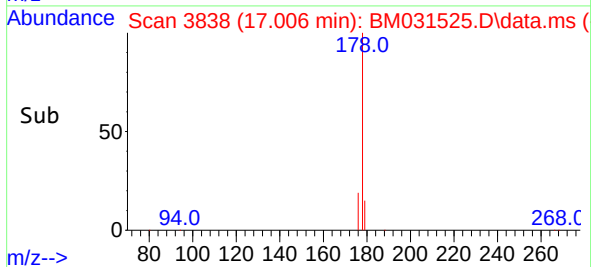
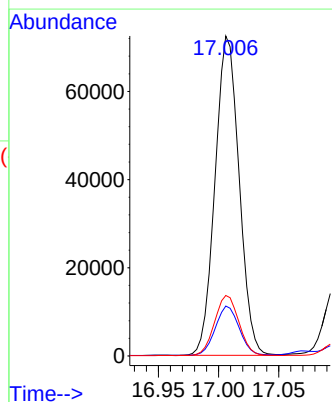
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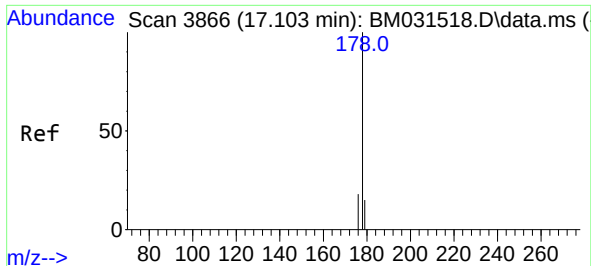


#15
Phenanthrene
Concen: 4.687 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

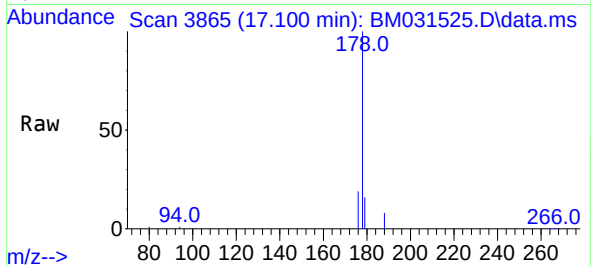


Tgt Ion:	178	Resp:	100564
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.3	19.9
176	18.9	16.2	24.4

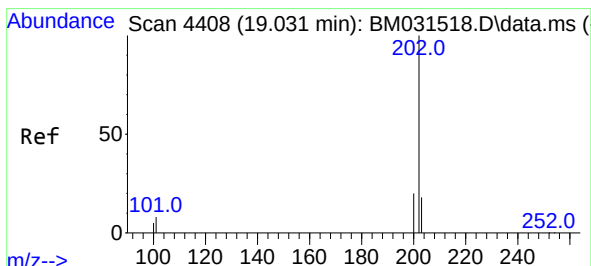
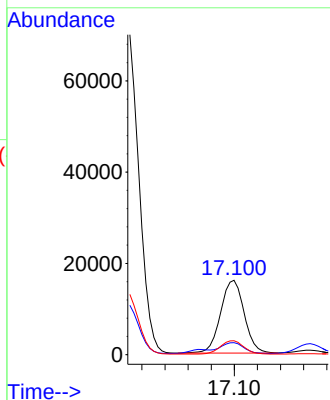
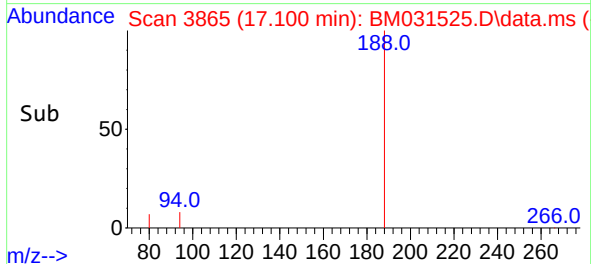




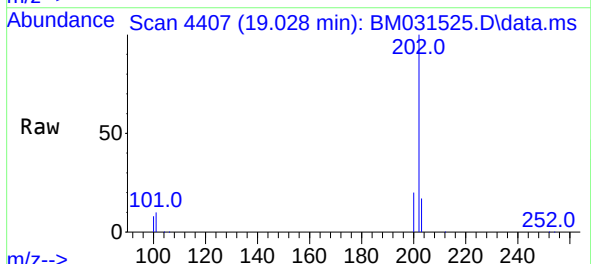
#16
 Anthracene
 Concen: 1.132 ng/ul
 RT: 17.100 min Scan# 3865
 Delta R.T. -0.003 min
 Lab File: BM031525.D
 Acq: 06 Aug 2021 20:57



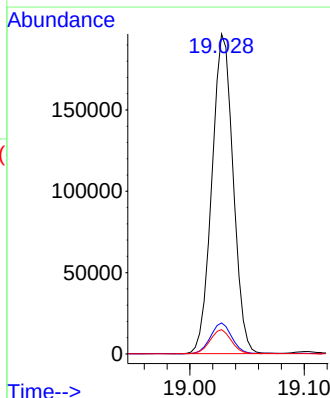
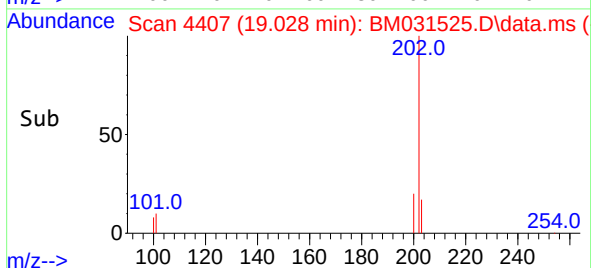
Tgt Ion:178 Resp: 22737
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.0 19.6
 176 18.8 15.6 23.4



#19
 Fluoranthene
 Concen: 10.975 ng/ul
 RT: 19.028 min Scan# 4407
 Delta R.T. -0.004 min
 Lab File: BM031525.D
 Acq: 06 Aug 2021 20:57



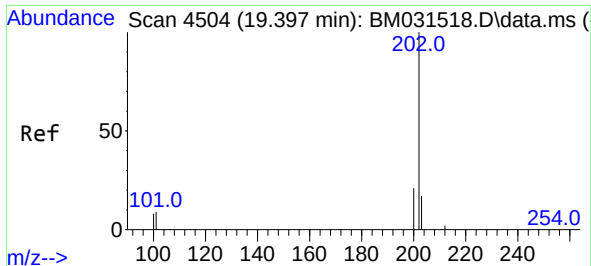
Tgt Ion:202 Resp: 253761
 Ion Ratio Lower Upper
 202 100
 101 9.7 6.6 10.0
 100 7.6 5.4 8.0



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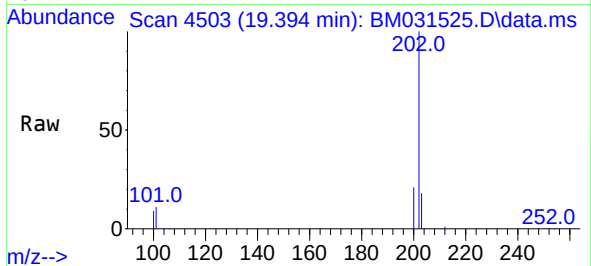
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#20
Pyrene
Concen: 8.666 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

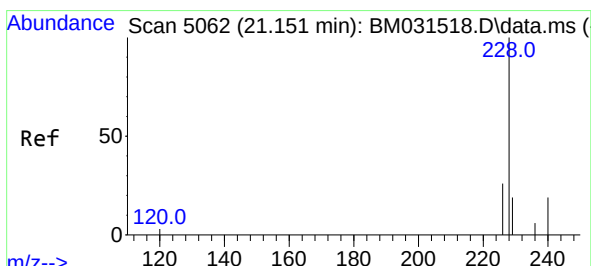
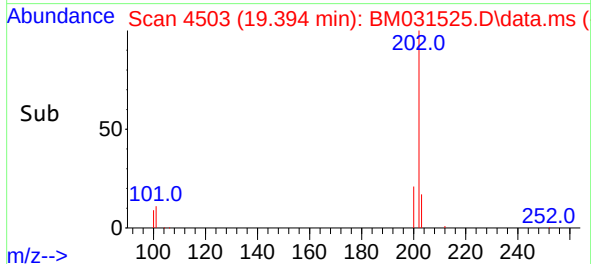
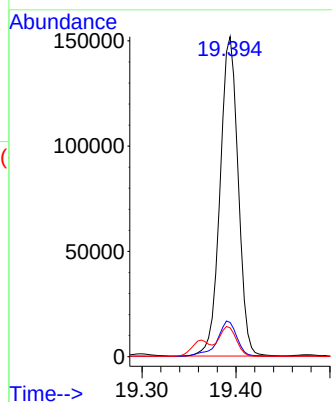
Instrument :
BNA_M
ClientSampled :
C0096



Tgt Ion:202 Resp: 203245
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.0 6.6 10.0

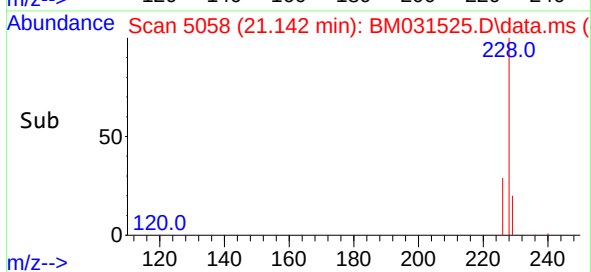
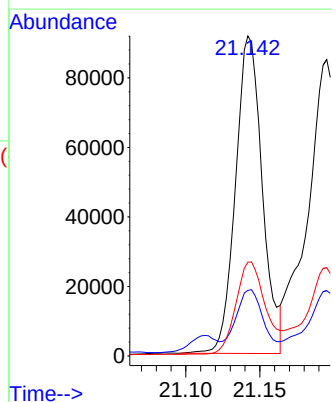
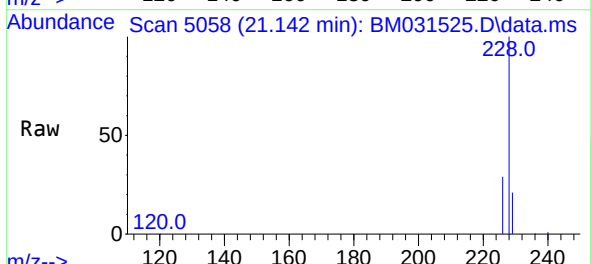
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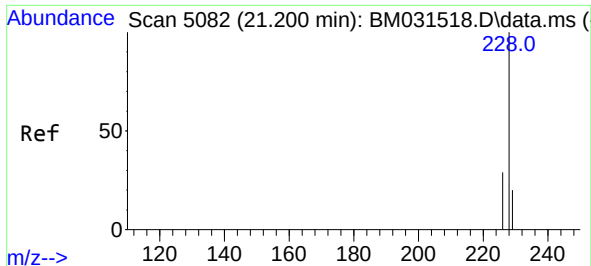
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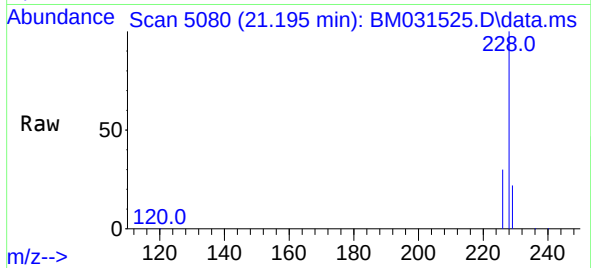
#21
Benzo(a)anthracene
Concen: 5.263 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

Tgt Ion:228 Resp: 115081
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 29.3 21.7 32.5

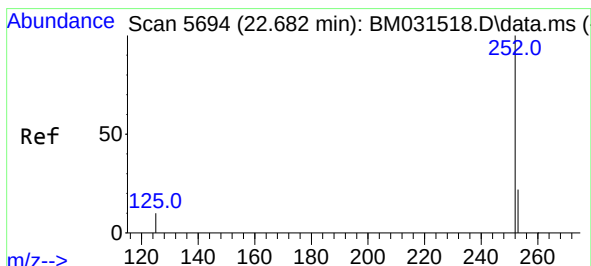
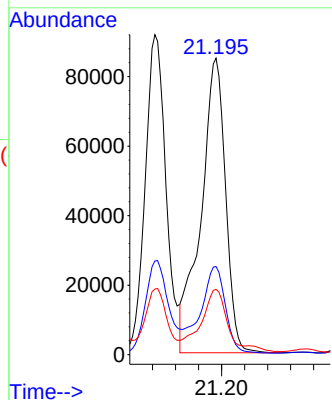
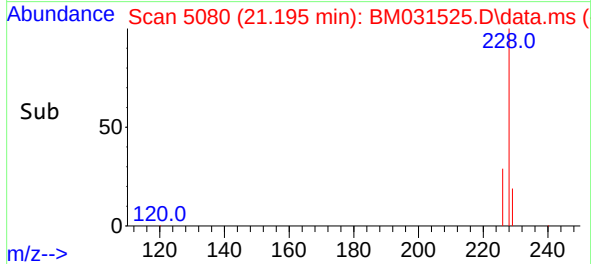




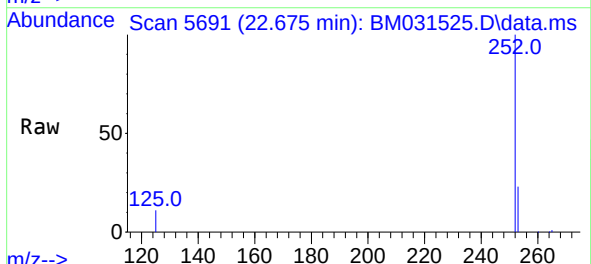
#22
Chrysene
Concen: 5.583 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57



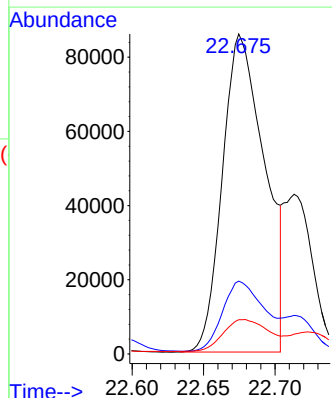
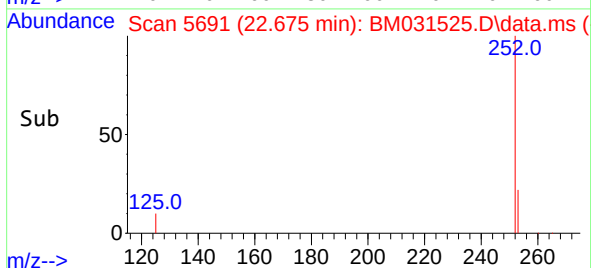
Tgt Ion:228 Resp: 126302
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 22.0 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 7.600 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57



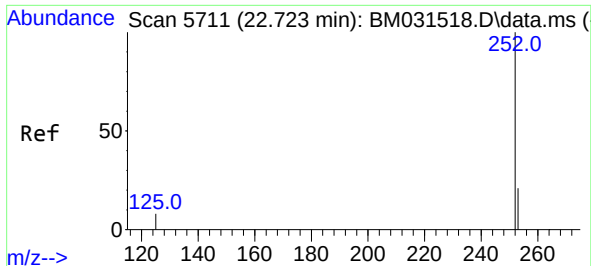
Tgt Ion:252 Resp: 175877
Ion Ratio Lower Upper
252 100
253 22.8 0.0 53.0
125 10.7 0.0 22.8



Instrument :
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ClientSampled :
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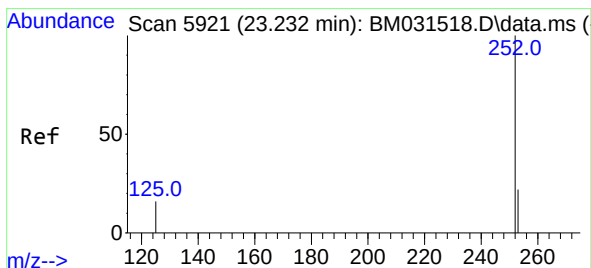
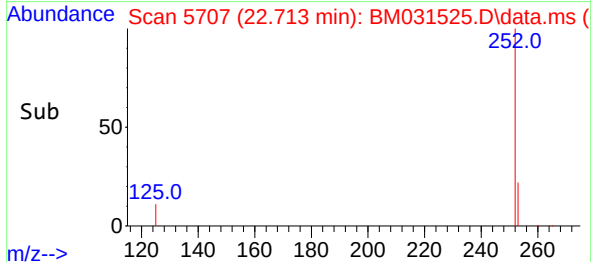
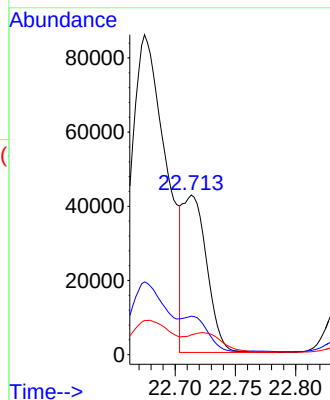
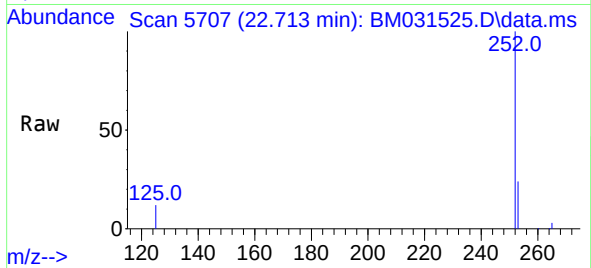
#25
Benzo(k)fluoranthene
Concen: 2.470 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.009 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

Tgt Ion:252	Resp:	59059
Ion Ratio	Lower	Upper
252	100	
253	24.1	21.3 31.9
125	12.4	8.8 13.2

Instrument :
BNA_M
ClientSampled :
C0096

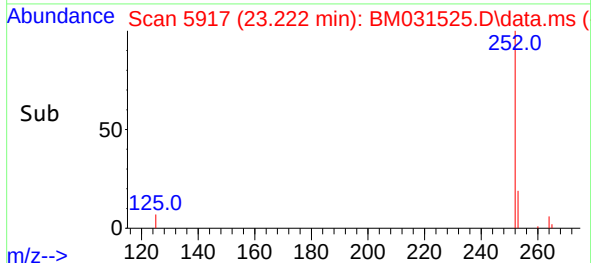
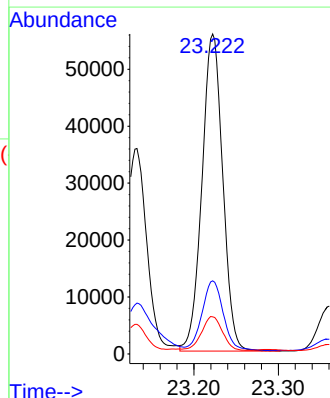
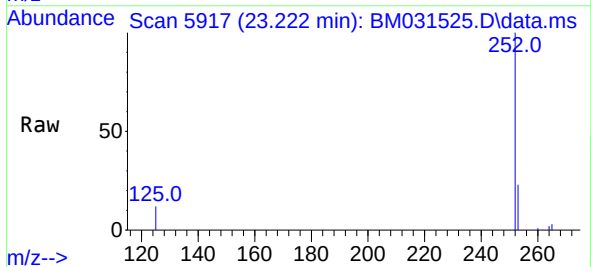
Manual Integrations
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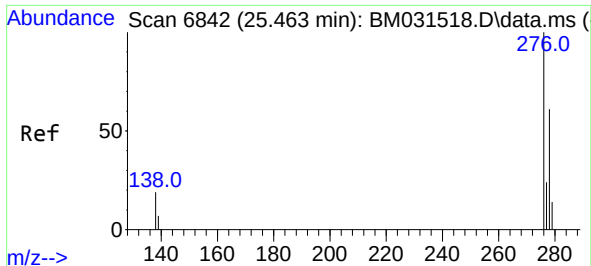
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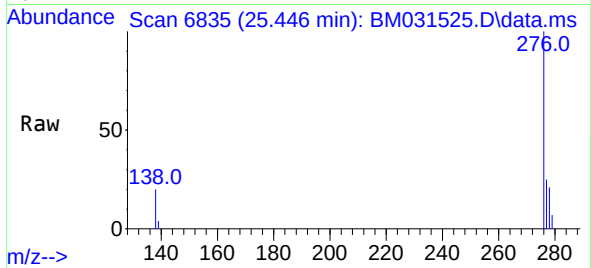
#26
Benzo(a)pyrene
Concen: 4.695 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

Tgt Ion:252	Resp:	95142
Ion Ratio	Lower	Upper
252	100	
253	22.9	22.4 33.6
125	11.6	13.0 19.4#

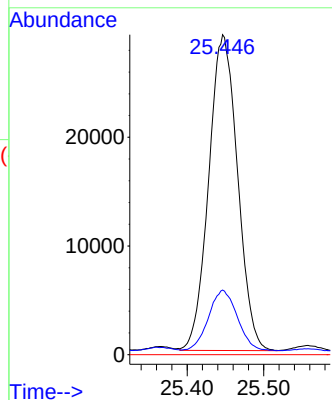




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.899 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.017 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57



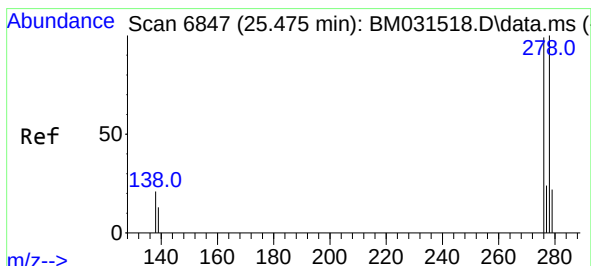
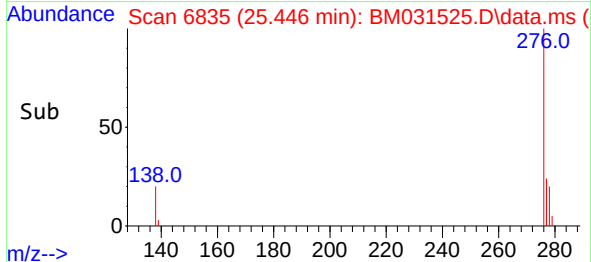
Tgt Ion: 276 Resp: 75947
Ion Ratio Lower Upper
276 100
138 19.8 15.8 23.8
227 0.0 0.0 0.0



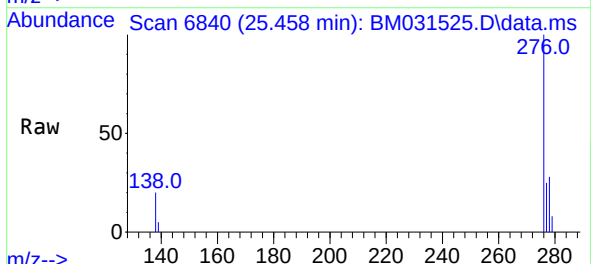
Instrument :
BNA_M
ClientSampled :
C0096

Manual Integrations
APPROVED

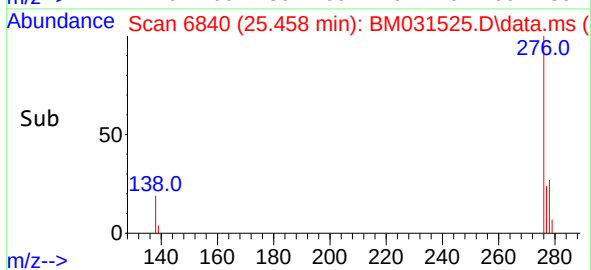
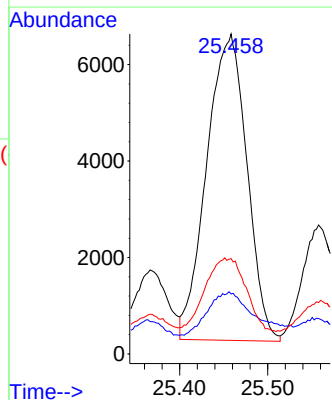
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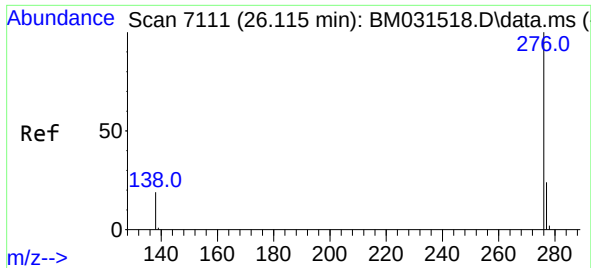


#28
Dibenzo(a,h)anthracene
Concen: 0.955 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.017 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57



Tgt Ion: 278 Resp: 20165
Ion Ratio Lower Upper
278 100
139 18.7 13.3 19.9
279 29.8 22.8 34.2





#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. -0.014 min
Lab File: BM031525.D
Acq: 06 Aug 2021 20:57

Tgt Ion:	276	Resp:	9023
Ion Ratio	Lower	Upper	
276	100		
138	25.6	15.4	23.2#
277	28.8	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C0096

Manual Integrations
APPROVED

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