

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031694.D
 Acq On : 13 Aug 2021 01:36
 Operator : CG/JU
 Sample : M3182-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E0

Manual Integrations
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mohammad
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Quant Time: Aug 13 03:18:00 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	1075	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	3973	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.201	164	2446	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4553	0.400	ng/ul #	0.00
17) Chrysene-d12	21.149	240	3856	0.400	ng/ul #	0.00
23) Perylene-d12	23.305	264	3682	0.400	ng/ul #	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	2791	2.338	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1215	0.181	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	2581	0.201	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	9484	0.801	ng/ul	99
7) 2-Methylnaphthalene	11.998	142	8207	1.015	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	4641	0.581	ng/ul	100
10) Acenaphthylene	13.923	152	3810	0.366	ng/ul	97
11) Acenaphthene	14.269	153	642m	0.073	ng/ul	
12) Fluorene	15.263	166	1074	0.106	ng/ul#	88
15) Phenanthrene	16.996	178	33556	2.321	ng/ul	98
16) Anthracene	17.086	178	4914	0.363	ng/ul	97
19) Fluoranthene	19.020	202	59114	3.590	ng/ul	98
20) Pyrene	19.382	202	50725	3.037	ng/ul	98
21) Benzo(a)anthracene	21.135	228	26401	1.696	ng/ul	94
22) Chrysene	21.186	228	36758	2.282	ng/ul	97
24) Benzo(b)fluoranthene	22.667	252	44322m	2.672	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	13202m	0.770	ng/ul	
26) Benzo(a)pyrene	23.212	252	24683	1.699	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.434	276	19561	1.042	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.444	278	5727	0.378	ng/ul#	78
29) Benzo(g,h,i)perylene	26.086	276	4930	0.308	ng/ul#	85

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

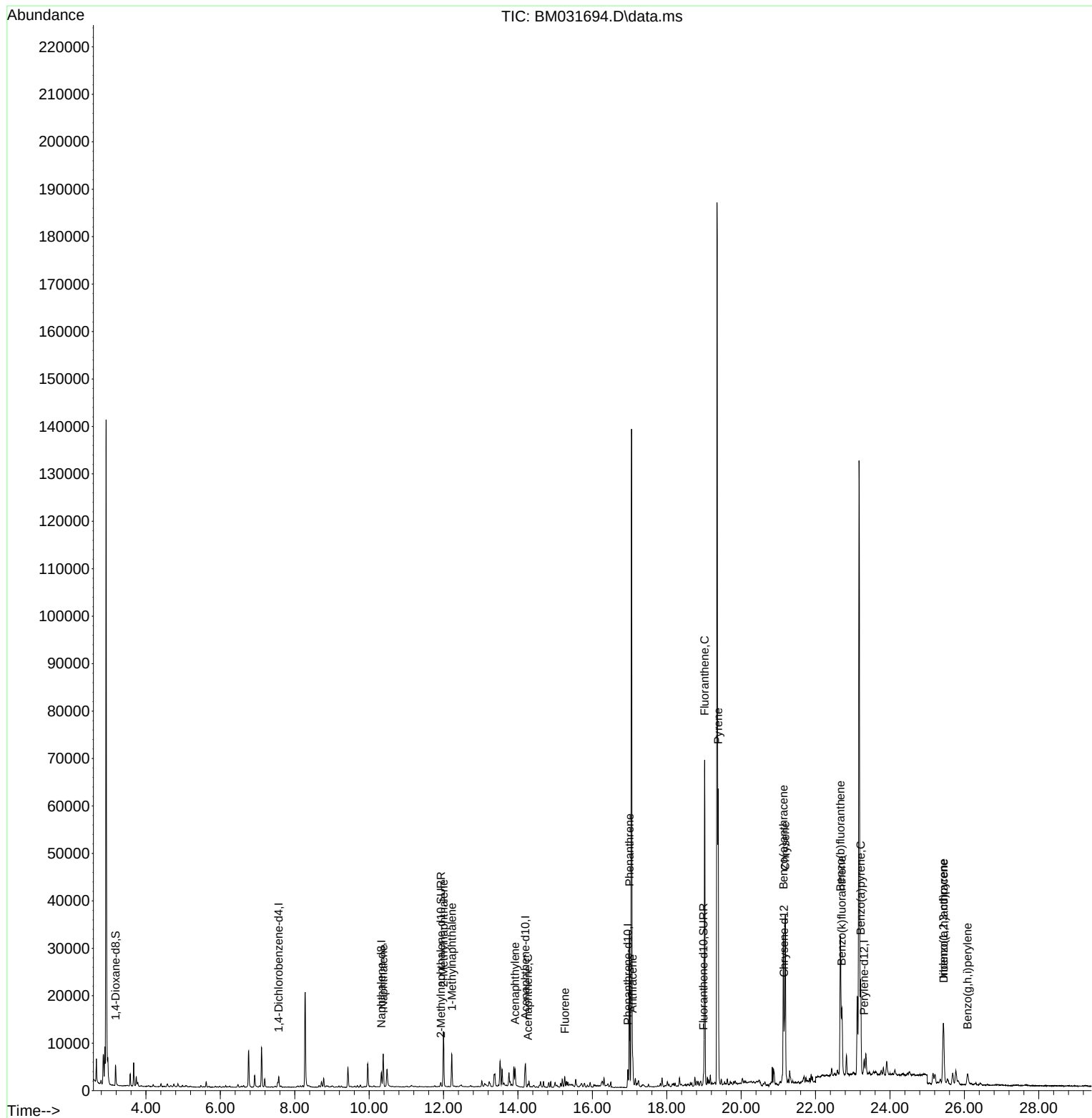
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031694.D
Acq On : 13 Aug 2021 01:36
Operator : CG/JU
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ALS Vial : 26 Sample Multiplier: 1

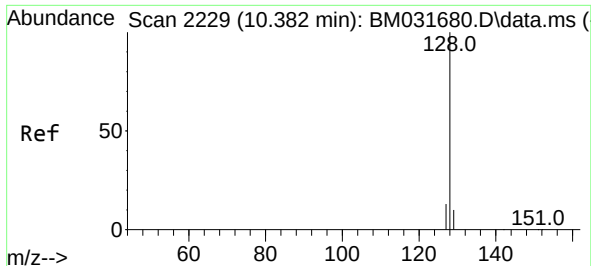
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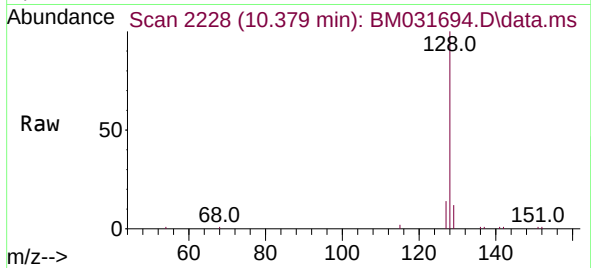
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Quant Time: Aug 13 03:18:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

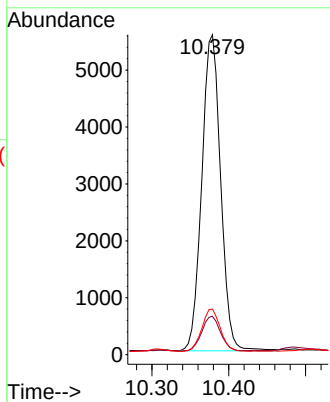
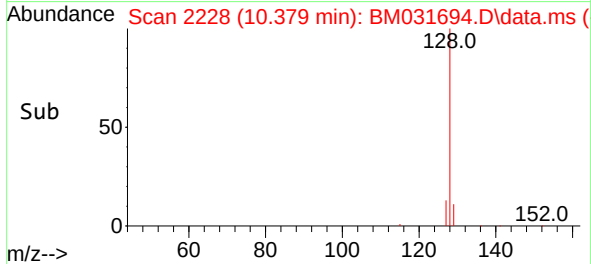




#5
Naphthalene
Concen: 0.801 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



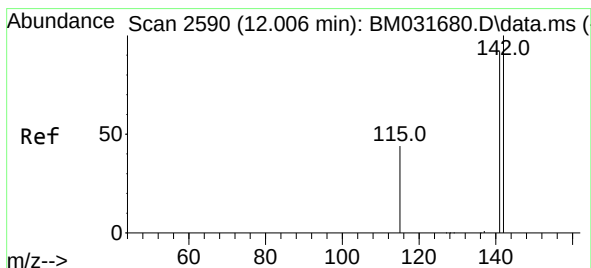
Tgt Ion:128 Resp: 9484
Ion Ratio Lower Upper
128 100
129 12.0 10.0 15.0
127 14.2 11.6 17.4



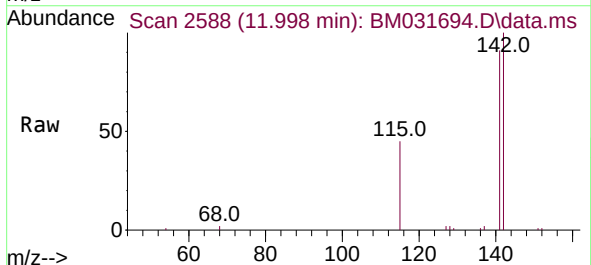
Instrument :
BNA_M
ClientSampleId :
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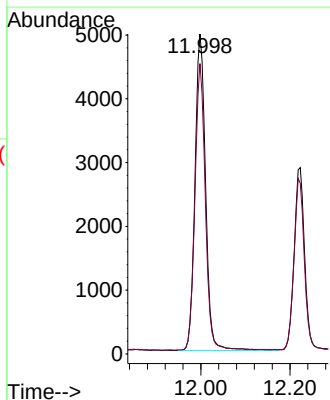
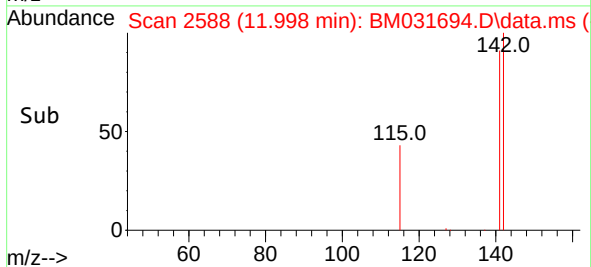
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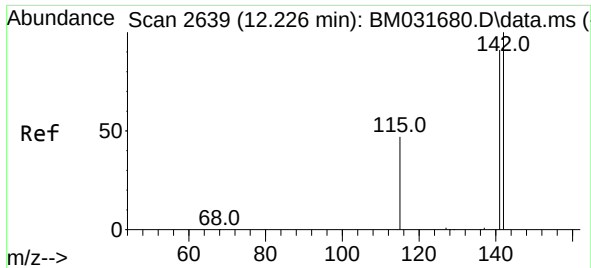


#7
2-Methylnaphthalene
Concen: 1.015 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



Tgt Ion:142 Resp: 8207
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0





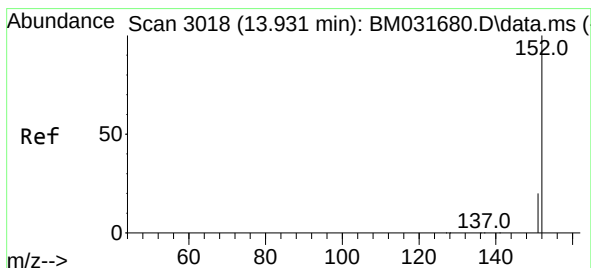
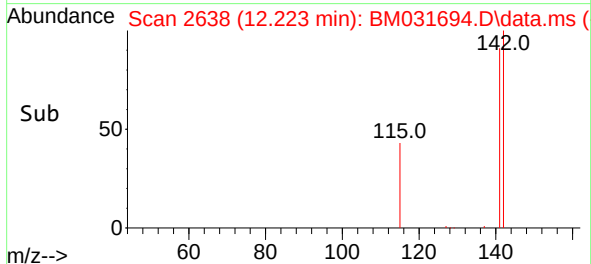
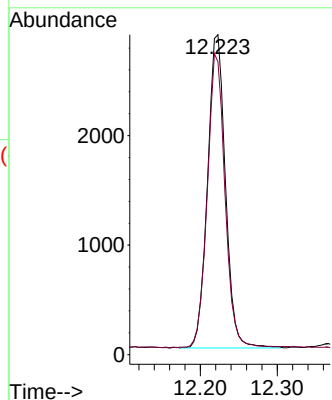
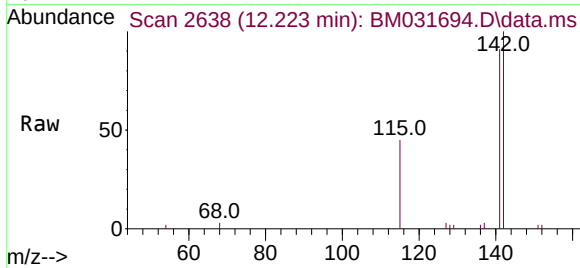
#8
1-Methylnaphthalene
Concen: 0.581 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36

Tgt Ion:142 Resp: 4641
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00E0

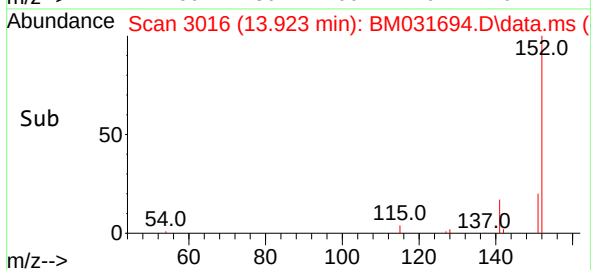
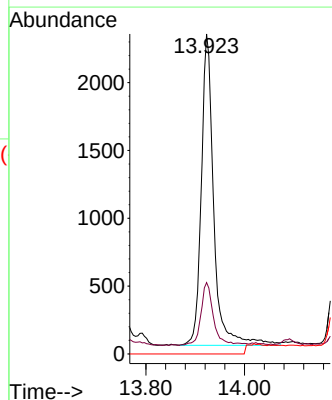
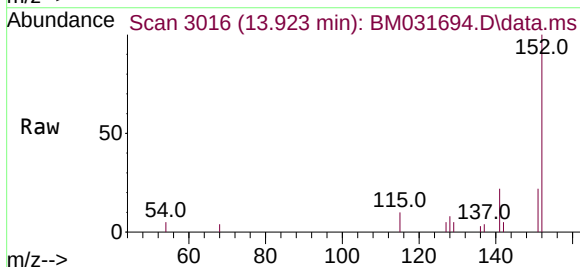
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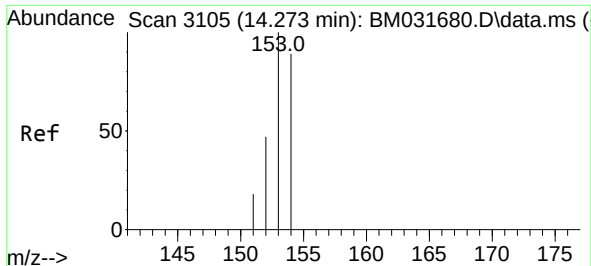
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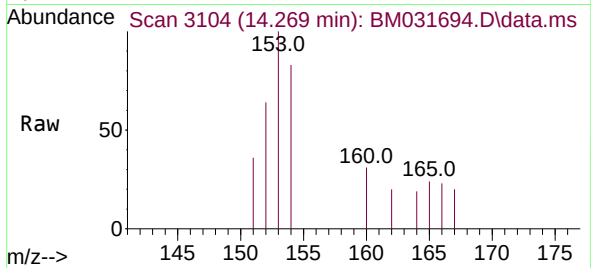
#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36

Tgt Ion:152 Resp: 3810
Ion Ratio Lower Upper
152 100
151 22.3 16.9 25.3
153 0.0 0.0 0.0

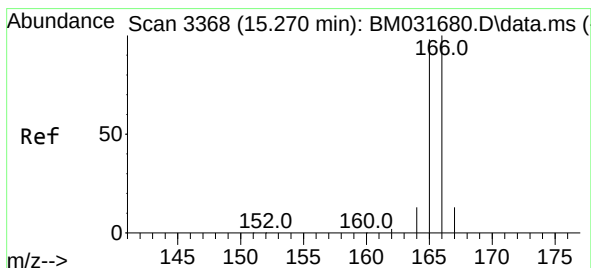
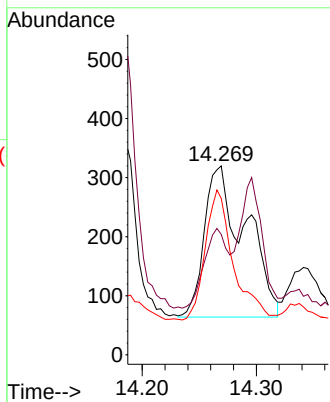
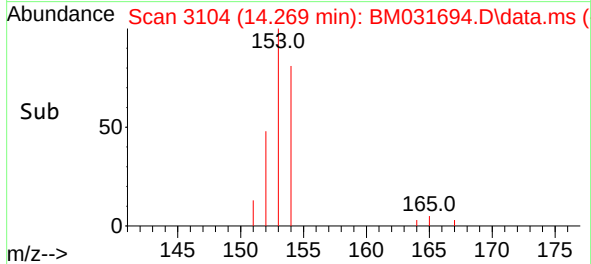




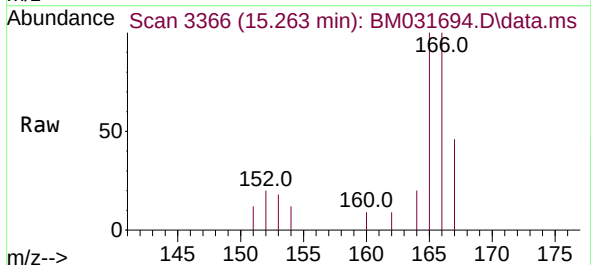
#11
Acenaphthene
Concen: 0.073 ng/ul m
RT: 14.269 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



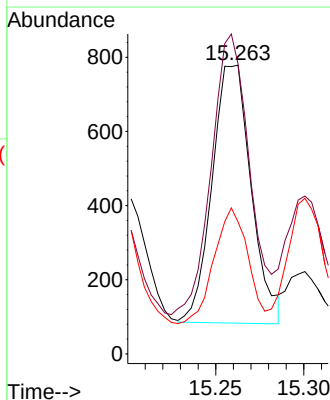
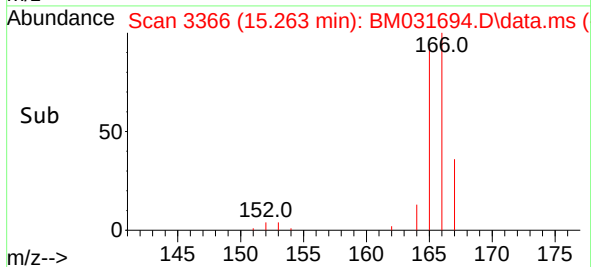
Tgt Ion:153 Resp: 642
Ion Ratio Lower Upper
153 100
152 63.7 40.7 61.1#
154 82.8 70.2 105.2



#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



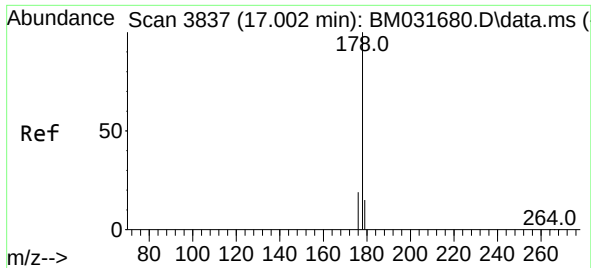
Tgt Ion:166 Resp: 1074
Ion Ratio Lower Upper
166 100
165 100.4 78.0 117.0
167 45.7 12.0 18.0#



Instrument :
BNA_M
ClientSampled :
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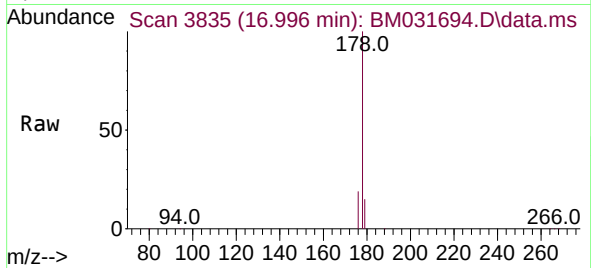
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#15
Phenanthrene
Concen: 2.321 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.006 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36

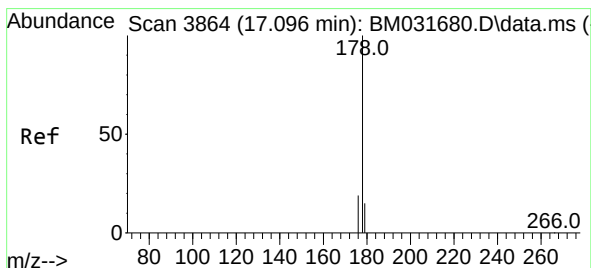
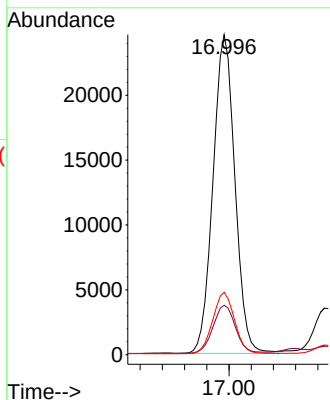
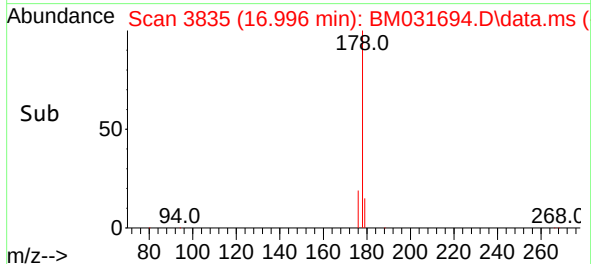
Instrument :
BNA_M
ClientSampled :
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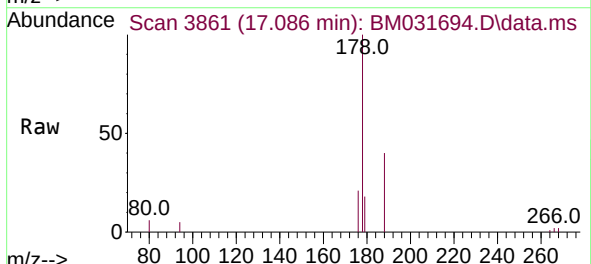
Tgt Ion:178 Resp: 33556
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.5 16.2 24.4

Manual Integrations
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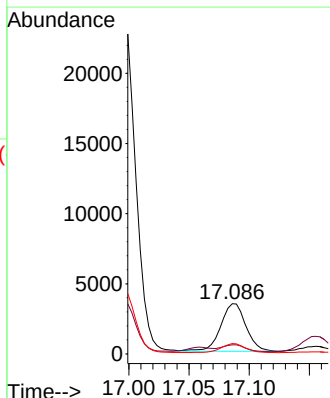
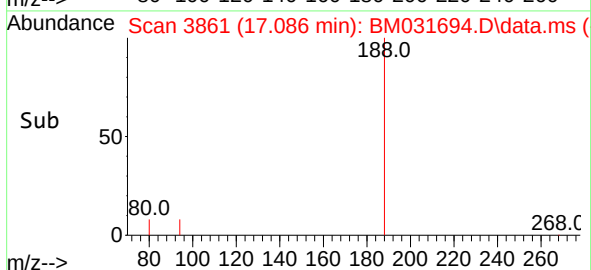
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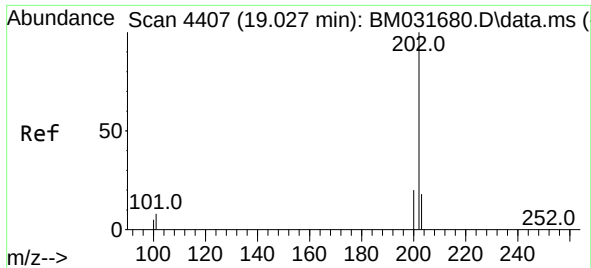


#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36

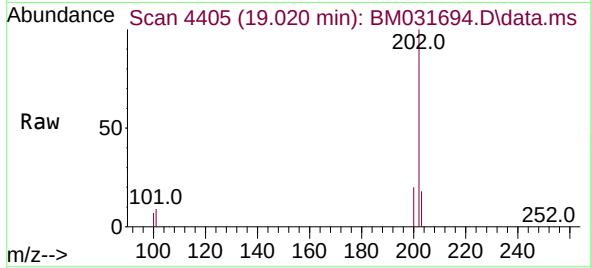


Tgt Ion:178 Resp: 4914
Ion Ratio Lower Upper
178 100
179 18.1 13.0 19.6
176 20.8 15.6 23.4

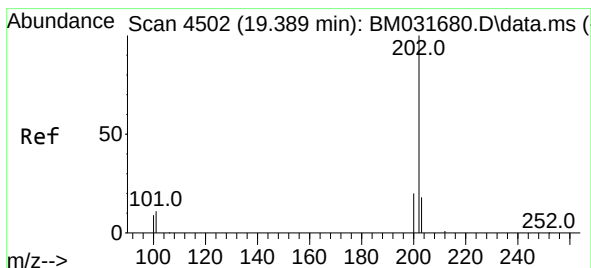
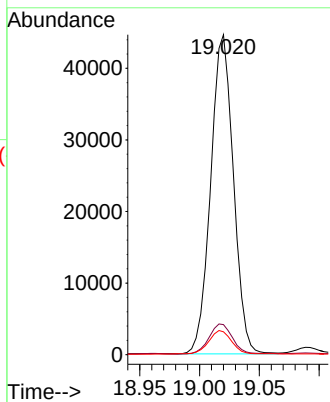
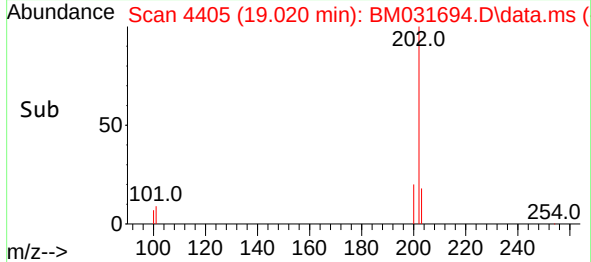




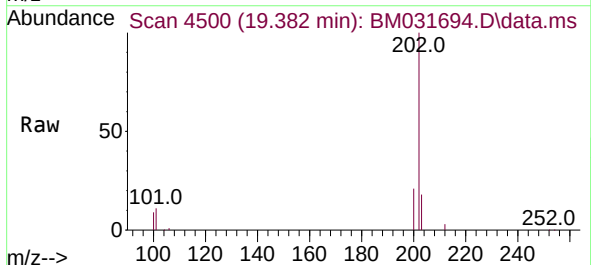
#19
Fluoranthene
Concen: 3.590 ng/u1
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



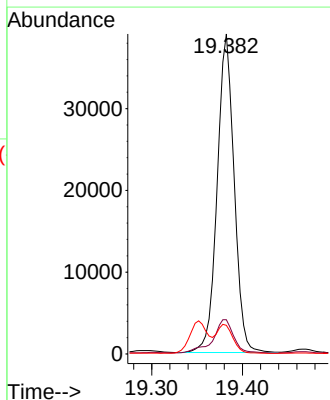
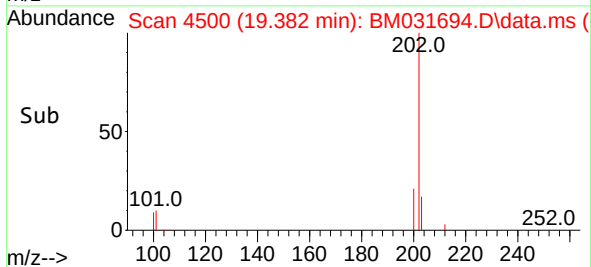
Tgt Ion:202 Resp: 59114
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.2 5.4 8.0



#20
Pyrene
Concen: 3.037 ng/u1
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



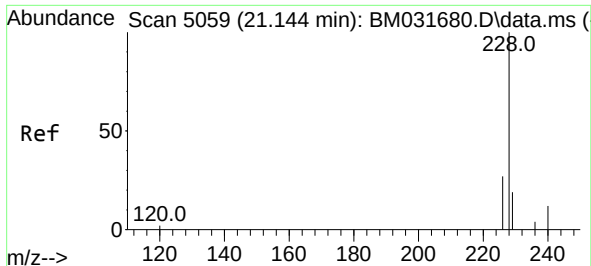
Tgt Ion:202 Resp: 50725
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.0 6.6 10.0



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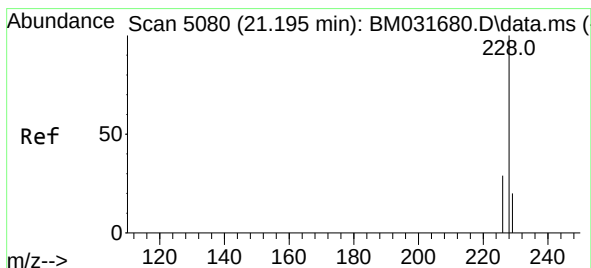
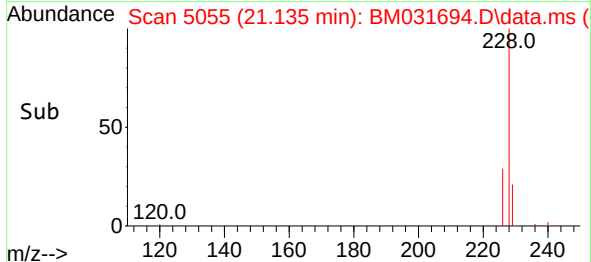
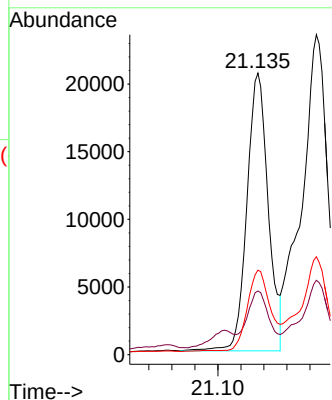
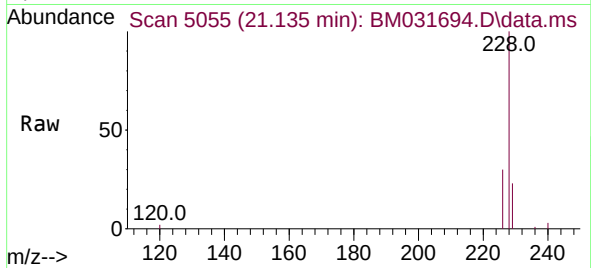
#21
Benzo(a)anthracene
Concen: 1.696 ng/u1
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36

Tgt Ion:	228	Resp:	26401
Ion Ratio	Lower	Upper	
228	100		
229	22.6	15.6	23.4
226	30.0	21.7	32.5

Instrument :
BNA_M
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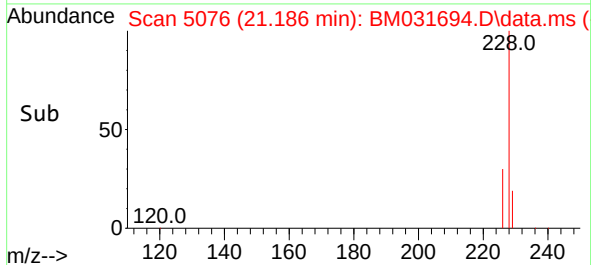
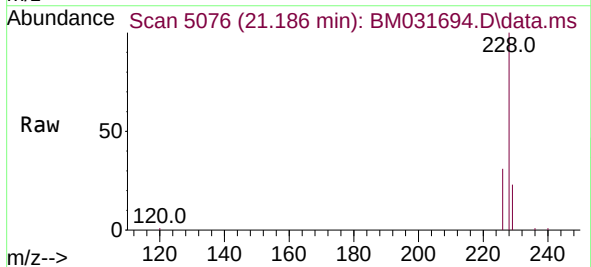
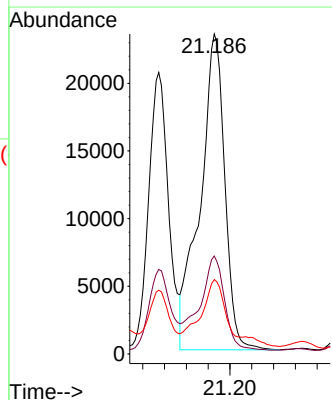
Manual Integrations
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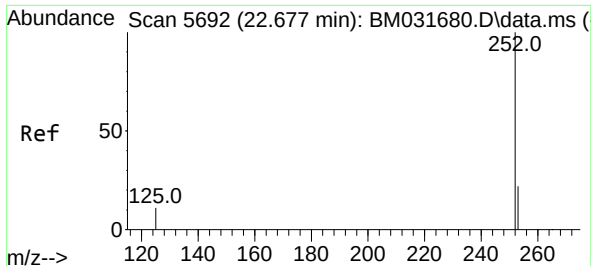
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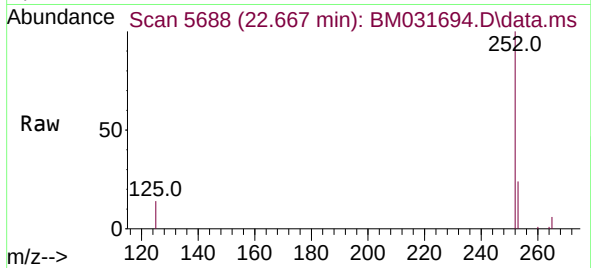
#22
Chrysene
Concen: 2.282 ng/u1
RT: 21.186 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36

Tgt Ion:	228	Resp:	36758
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.7	37.1
229	23.2	16.2	24.2

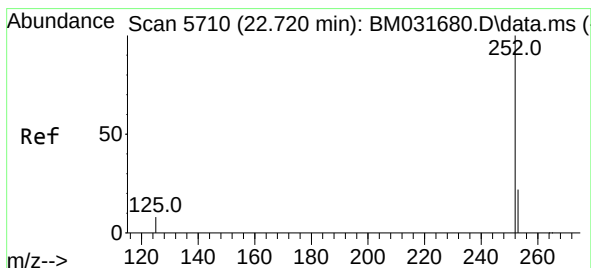
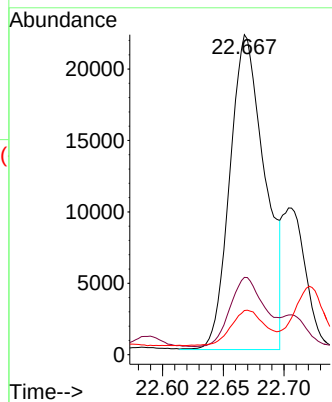
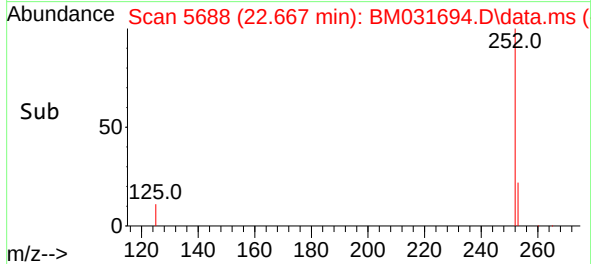




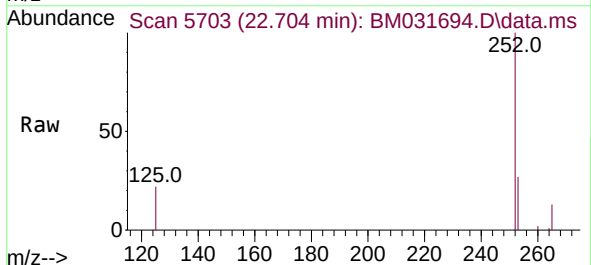
#24
Benzo(b)fluoranthene
Concen: 2.672 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



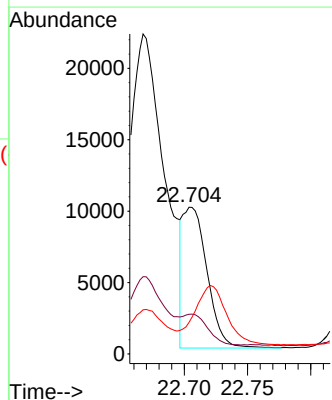
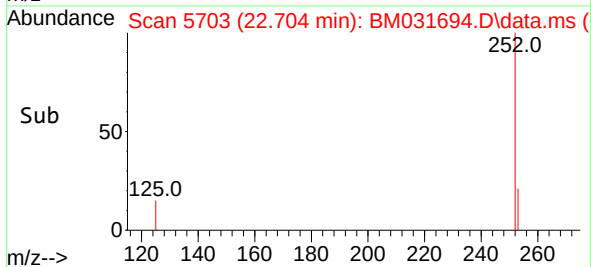
Tgt Ion:252 Resp: 44322
Ion Ratio Lower Upper
252 100
253 24.1 0.0 53.0
125 13.8 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.770 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



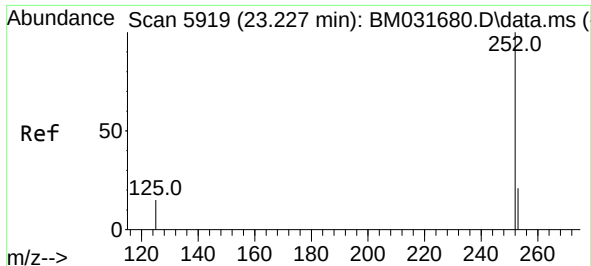
Tgt Ion:252 Resp: 13202
Ion Ratio Lower Upper
252 100
253 27.1 21.3 31.9
125 21.5 8.8 13.2#



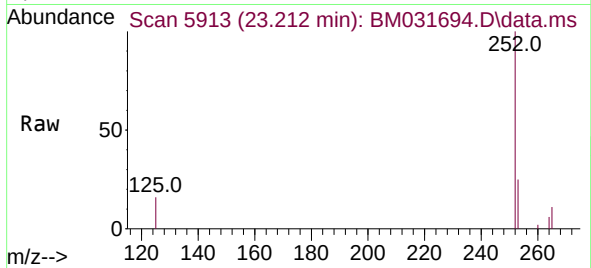
Instrument :
BNA_M
ClientSampled :
C00E0

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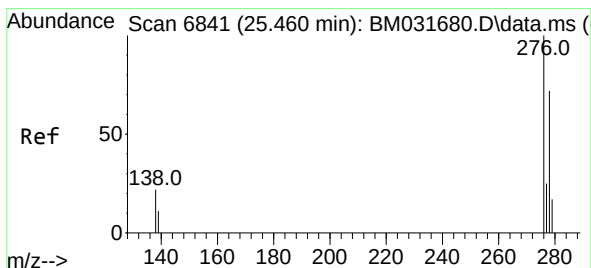
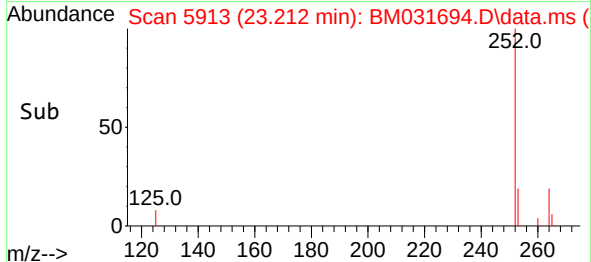
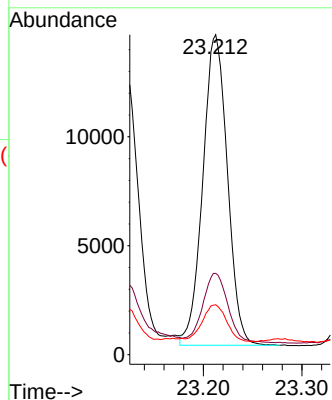
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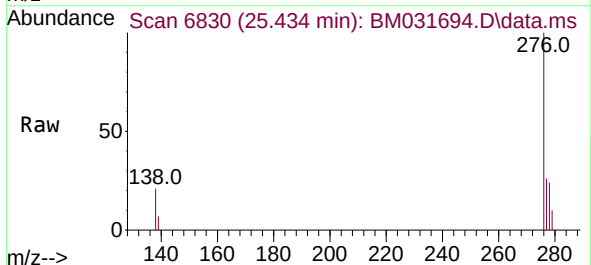
#26
Benzo(a)pyrene
Concen: 1.699 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



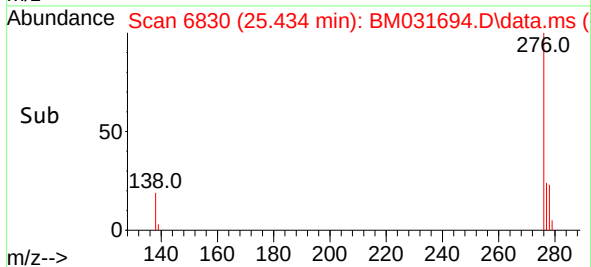
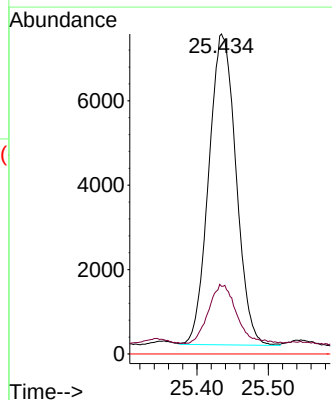
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	22.4	33.6
125	15.6	13.0	19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.042 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



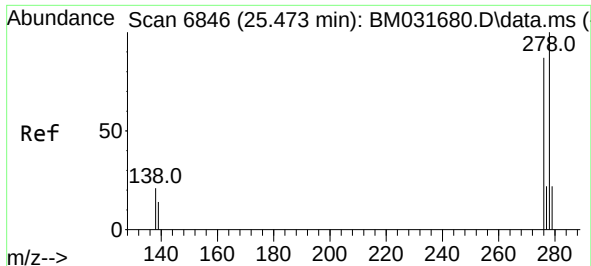
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.8	23.8
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C00E0

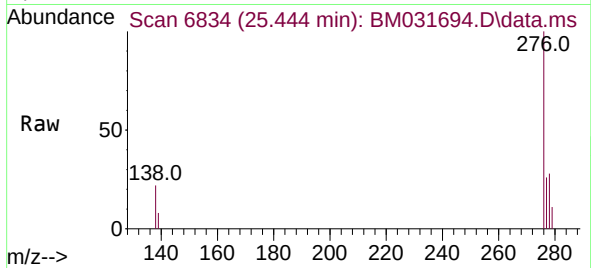
Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.029 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36

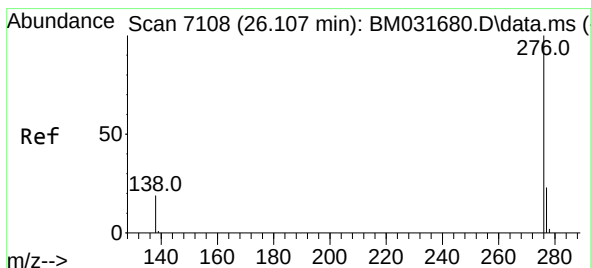
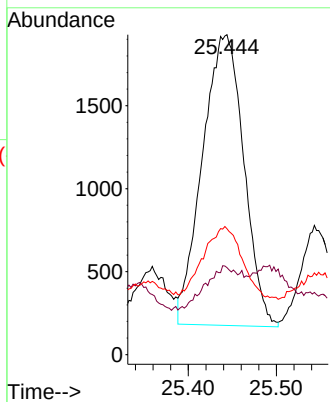
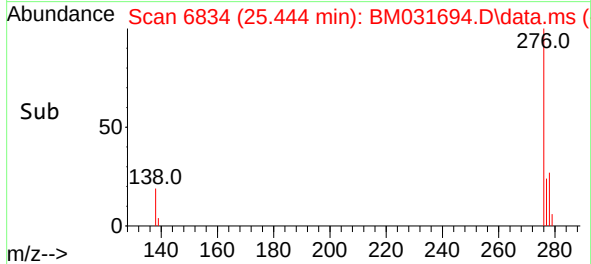
Instrument :
BNA_M
ClientSampleId :
C00E0



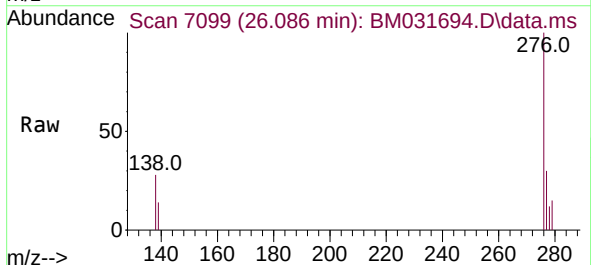
Tgt Ion:278 Resp: 5727
Ion Ratio Lower Upper
278 100
139 27.2 13.3 19.9#
279 39.4 22.8 34.2#

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 26.086 min Scan# 7099
Delta R.T. -0.021 min
Lab File: BM031694.D
Acq: 13 Aug 2021 01:36



Tgt Ion:276 Resp: 4930
Ion Ratio Lower Upper
276 100
138 28.3 15.4 23.2#
277 30.4 19.9 29.9#

