

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031128.D
 Acq On : 24 Jul 2021 20:15
 Operator : CG/JU
 Sample : M2973-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEB2

Manual Integrations
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Quant Time: Jul 26 02:30:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 02:23:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1468	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	5743	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	3856	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	8312	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	8017	0.40	ng/ul	0.00
23) Perylene-d12	23.363	264	6962	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	3229	2.09	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1368	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	3619	0.15	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.446	128	1973	0.12	ng/ul	96
7) 2-Methylnaphthalene	12.065	142	389	0.03	ng/ul	99
8) 1-Methylnaphthalene	12.286	142	318	0.03	ng/ul	94
10) Acenaphthylene	13.981	152	1239	0.08	ng/ul	93
11) Acenaphthene	14.322	153	16869	1.21	ng/ul	98
12) Fluorene	15.316	166	1942	0.12	ng/ul	96
15) Phenanthrene	17.048	178	15293	0.58	ng/ul	99
16) Anthracene	17.138	178	9332	0.38	ng/ul	98
19) Fluoranthene	19.066	202	59751	1.85	ng/ul	98
20) Pyrene	19.428	202	26636	0.81	ng/ul	97
21) Benzo(a)anthracene	21.176	228	37176	1.16	ng/ul	96
22) Chrysene	21.229	228	29546	0.85	ng/ul	97
24) Benzo(b)fluoranthene	22.721	252	33686m	1.03	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	14519m	0.44	ng/ul	
26) Benzo(a)pyrene	23.271	252	7215	0.25	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.514	276	5521	0.15	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.524	278	3497	0.12	ng/ul#	84

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

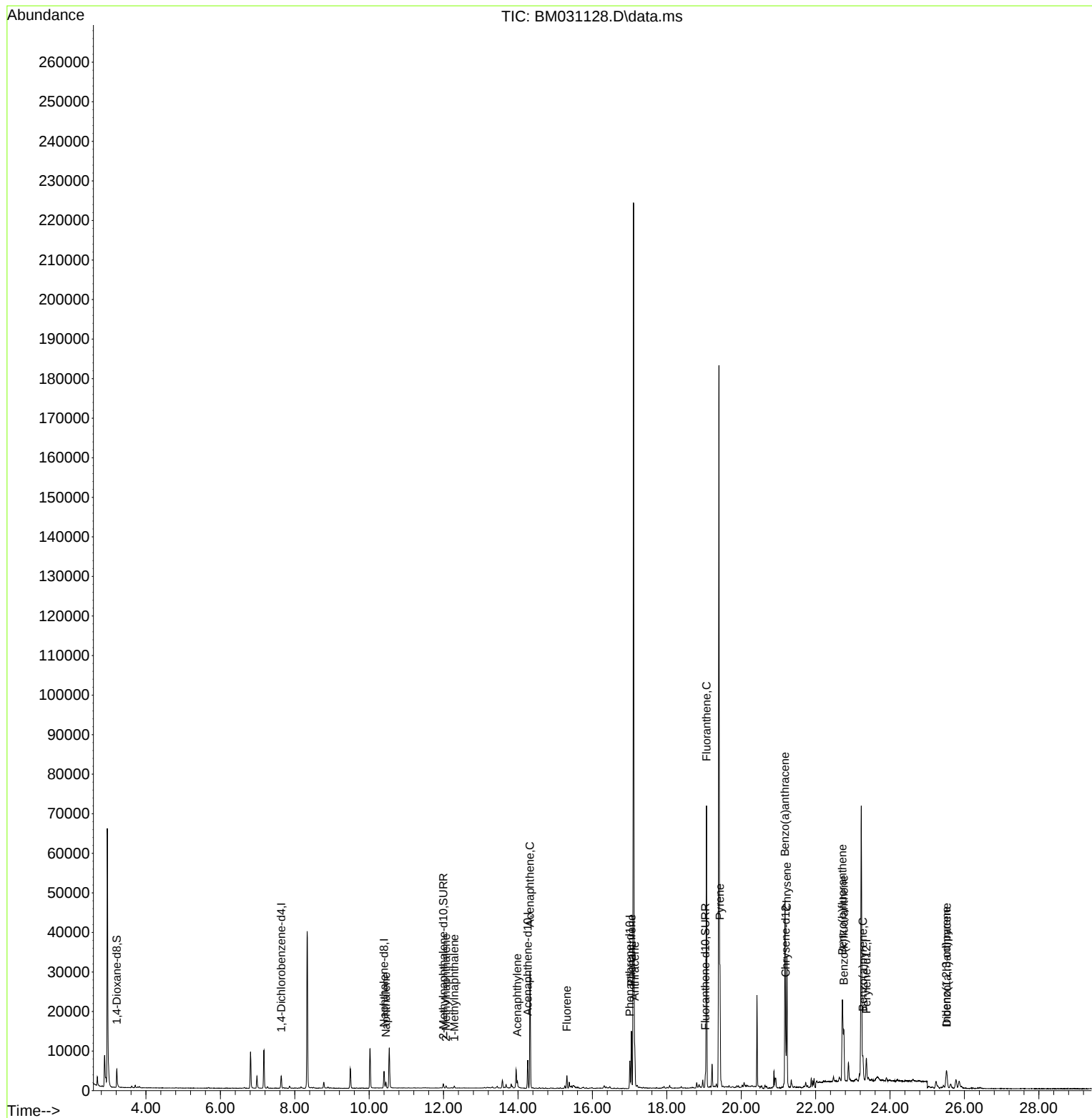
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031128.D
Acq On : 24 Jul 2021 20:15
Operator : CG/JU
Sample : M2973-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

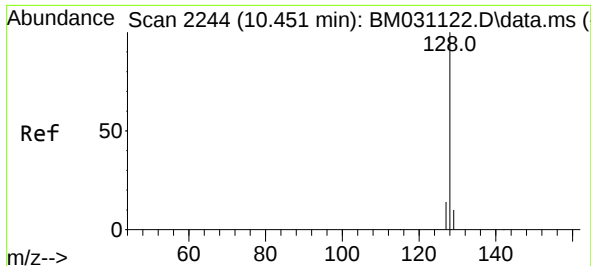
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BNA_M
ClientSampleId :
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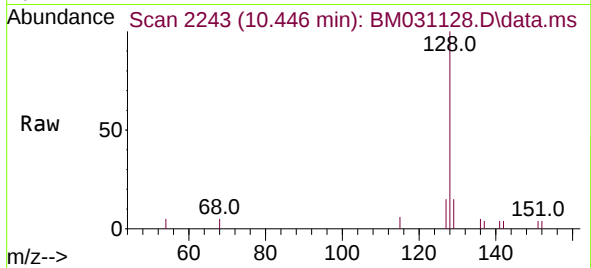
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Quant Time: Jul 26 02:30:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 02:23:23 2021
Response via : Initial Calibration

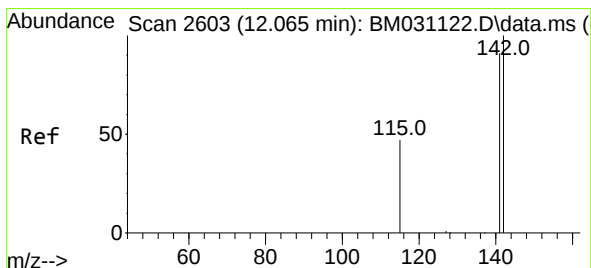
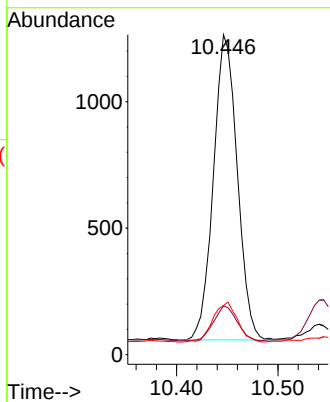
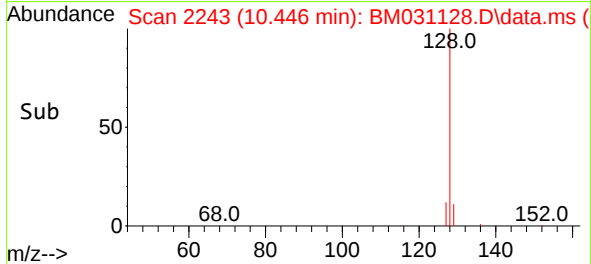




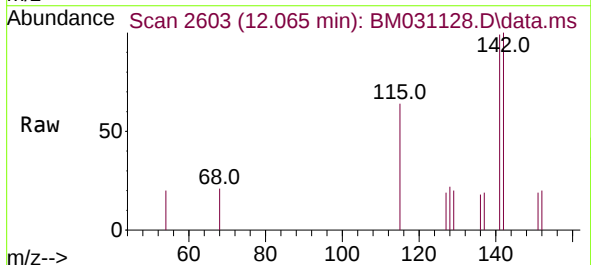
#5
Naphthalene
Concen: 0.12 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15



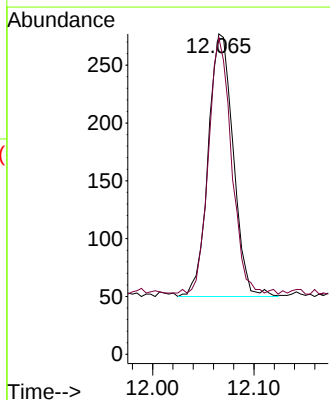
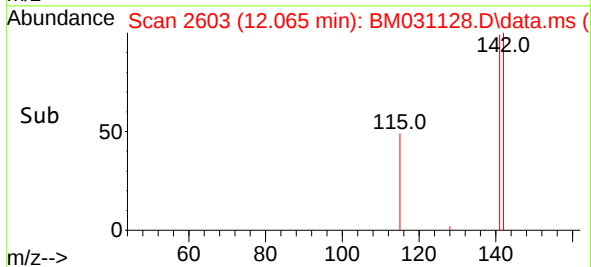
Tgt Ion:	128	Resp:	1973
Ion Ratio	Lower	Upper	
128	100		
129	15.3	10.2	15.4
127	15.3	11.8	17.8



#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.009 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15



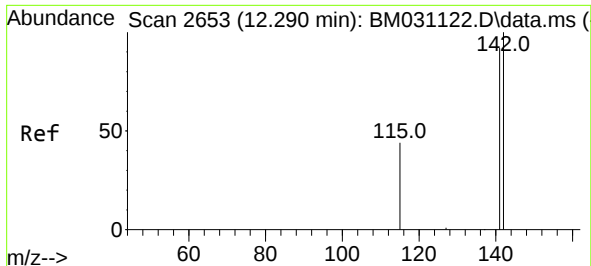
Tgt Ion:	142	Resp:	389
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
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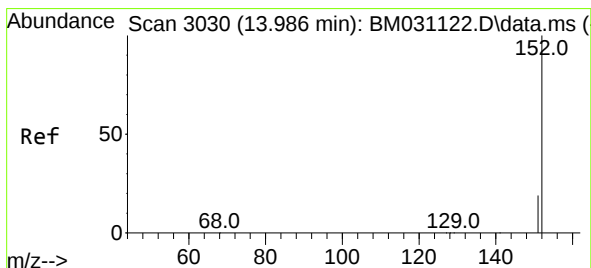
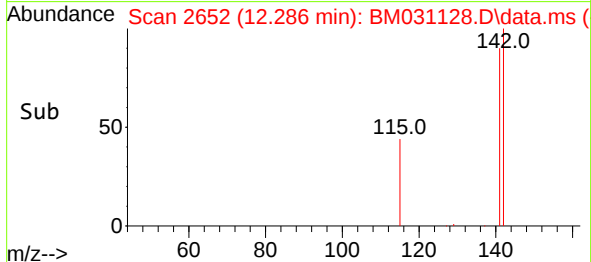
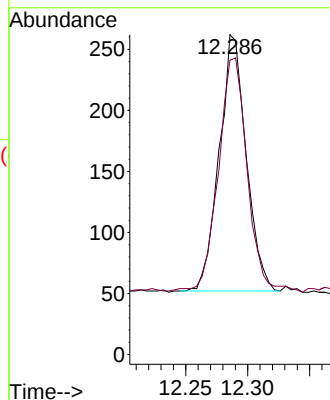
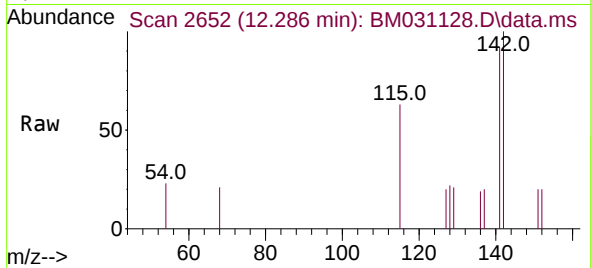
#8
1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.286 min Scan# 2652
Delta R.T. -0.009 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion:142 Resp: 318
Ion Ratio Lower Upper
142 100
141 98.1 74.2 111.4

Instrument :
BNA_M
ClientSampled :
BGE2

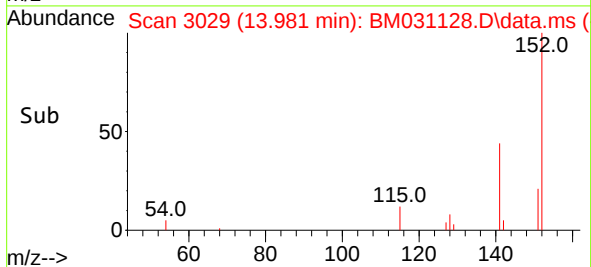
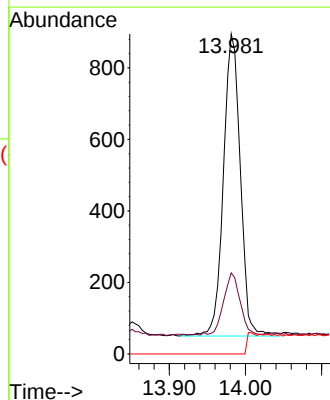
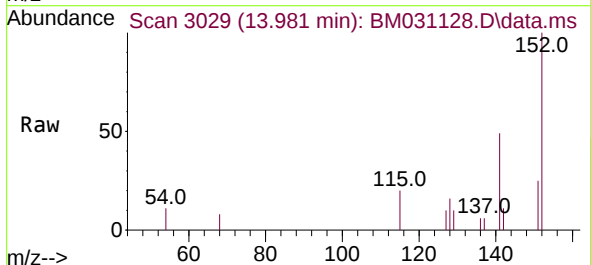
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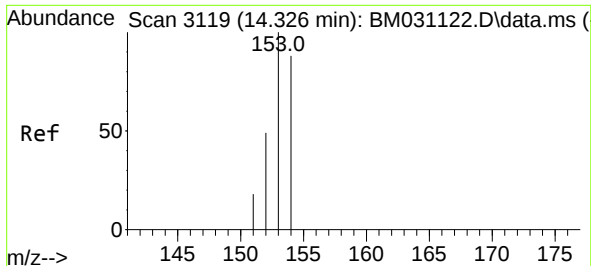
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#10
Acenaphthylene
Concen: 0.08 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

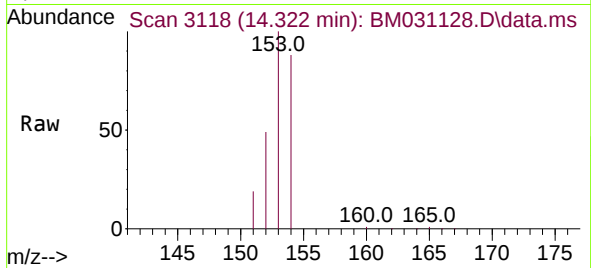
Tgt Ion:152 Resp: 1239
Ion Ratio Lower Upper
152 100
151 25.4 17.5 26.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 1.21 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.007 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

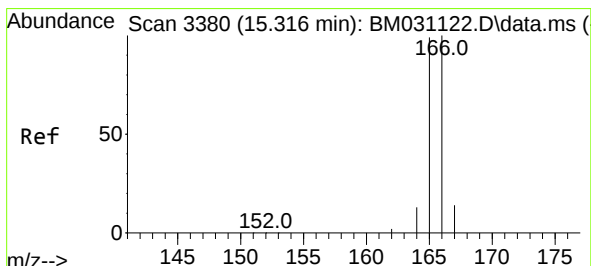
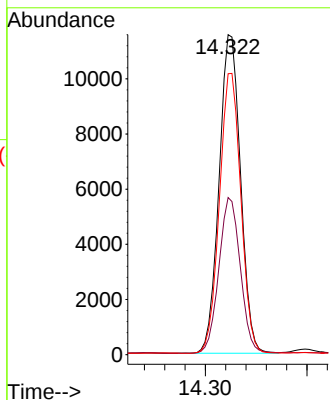
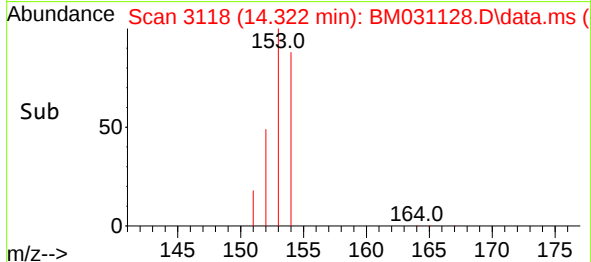
Instrument :
BNA_M
ClientSampled :
BGE2



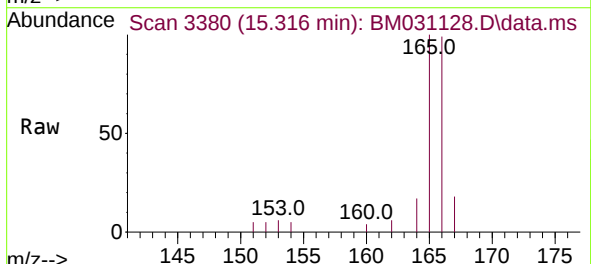
Tgt Ion:153 Resp: 16869
Ion Ratio Lower Upper
153 100
152 49.1 39.4 59.2
154 87.8 68.2 102.4

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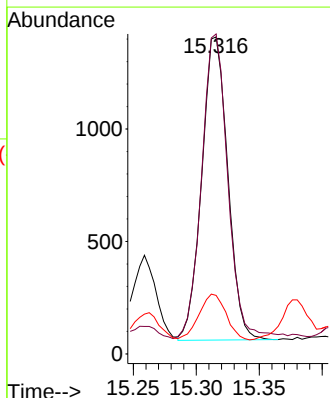
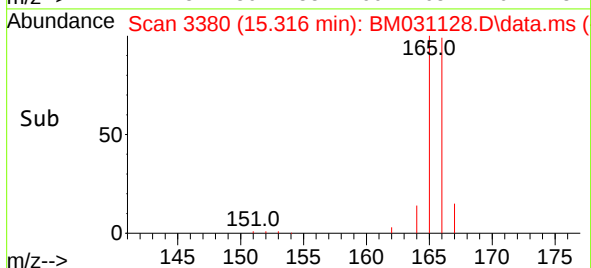
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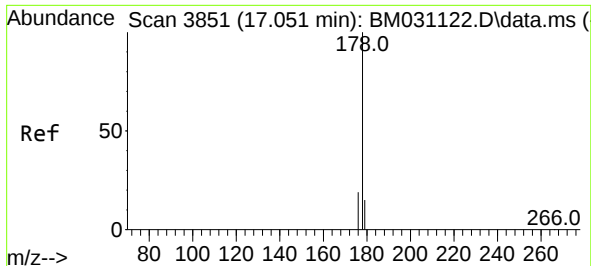


#12
Fluorene
Concen: 0.12 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15



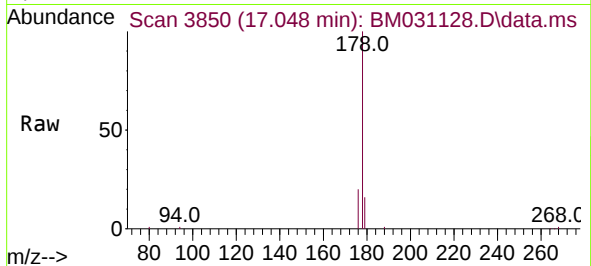
Tgt Ion:166 Resp: 1942
Ion Ratio Lower Upper
166 100
165 100.9 78.2 117.2
167 18.4 12.3 18.5





#15
Phenanthrene
Concen: 0.58 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

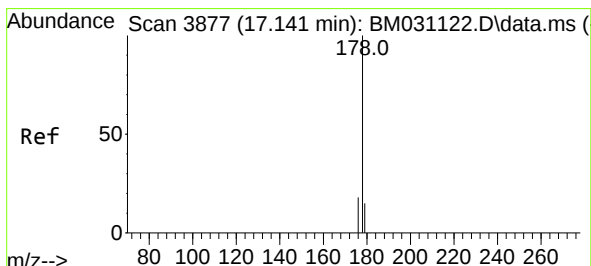
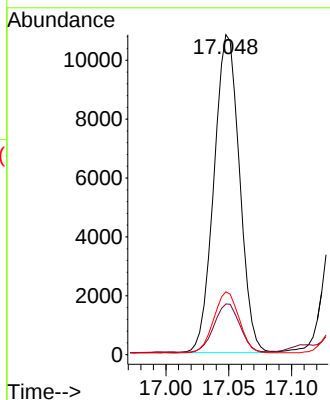
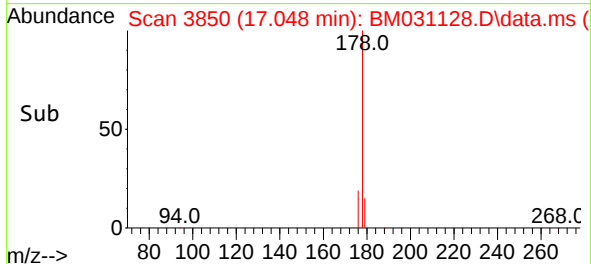
Instrument :
BNA_M
ClientSampled :
BGE2



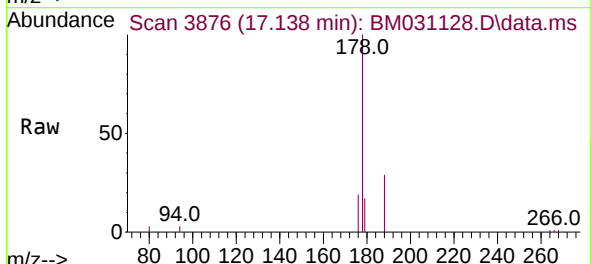
Tgt Ion:178 Resp: 15293
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.6 15.4 23.2

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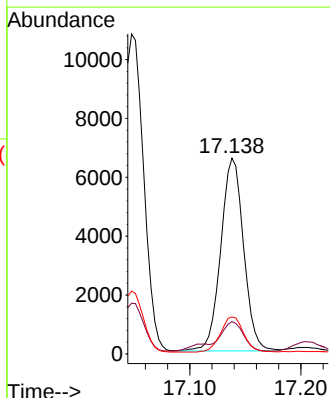
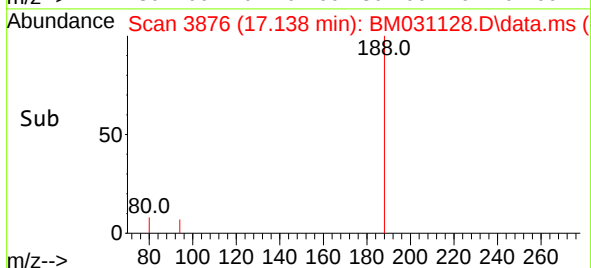
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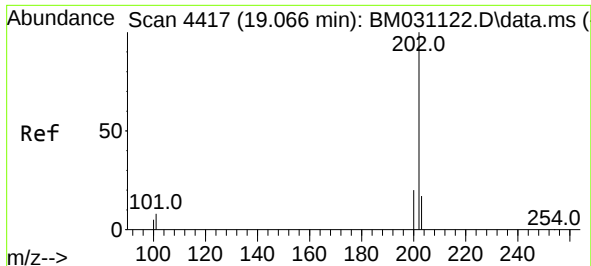


#16
Anthracene
Concen: 0.38 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15



Tgt Ion:178 Resp: 9332
Ion Ratio Lower Upper
178 100
179 16.5 13.8 20.8
176 18.9 15.7 23.5





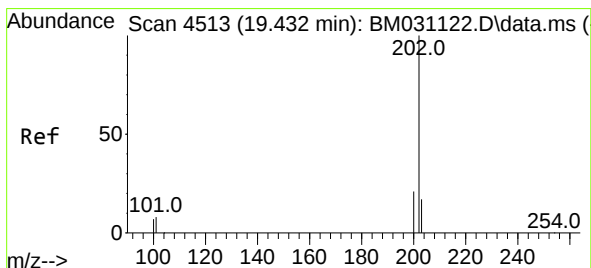
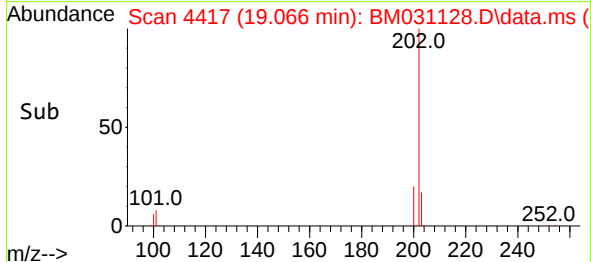
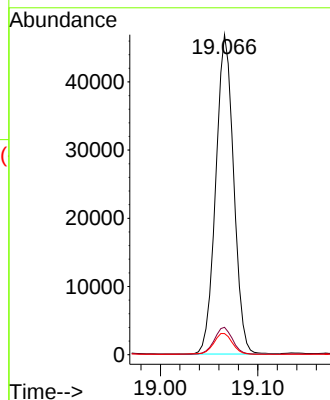
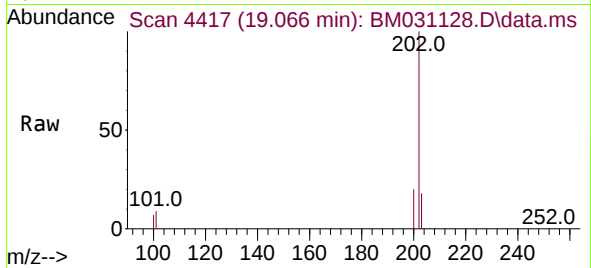
#19
Fluoranthene
Concen: 1.85 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion:	202	Resp:	59751
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.0	9.0
100	6.6	4.8	7.2

Instrument :
BNA_M
ClientSampled :
BGE2

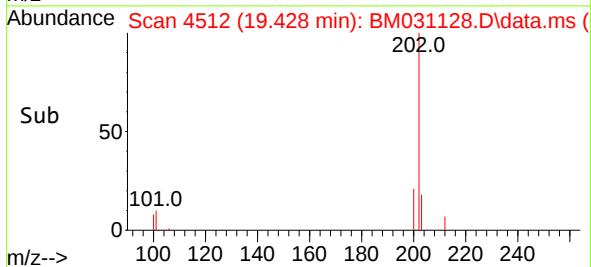
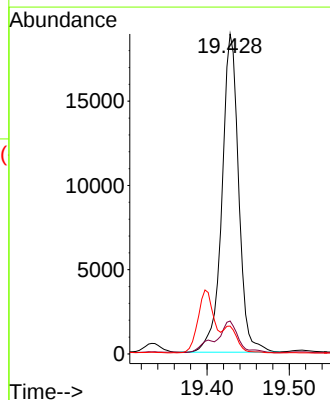
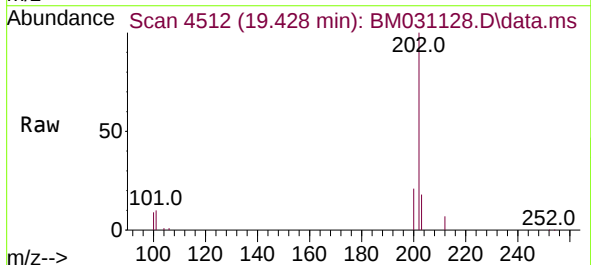
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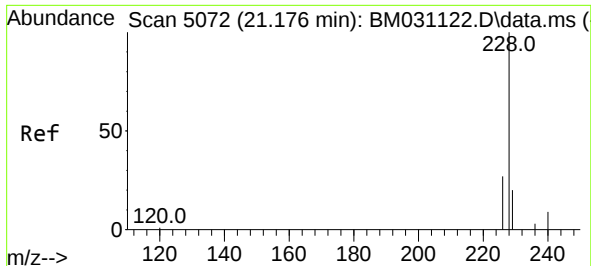
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#20
Pyrene
Concen: 0.81 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.007 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion:	202	Resp:	26636
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.4	11.0
100	8.7	6.0	9.0





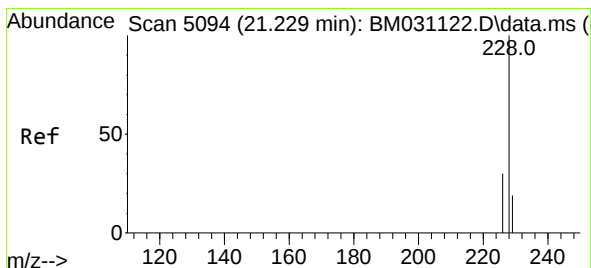
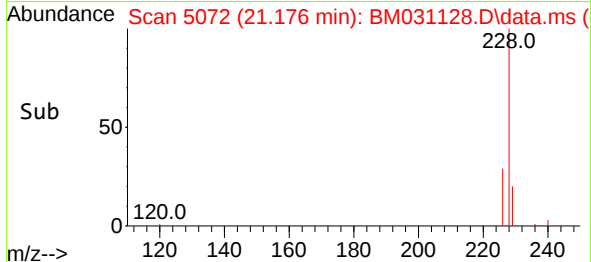
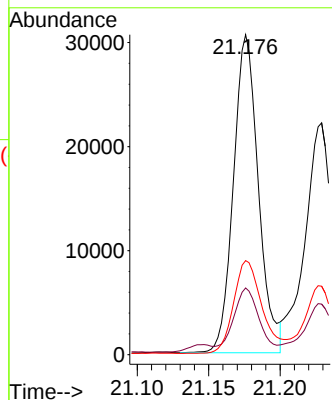
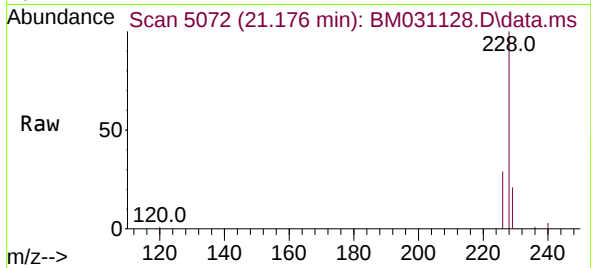
#21
Benzo(a)anthracene
Concen: 1.16 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion:228 Resp: 37176
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 29.4 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGE2

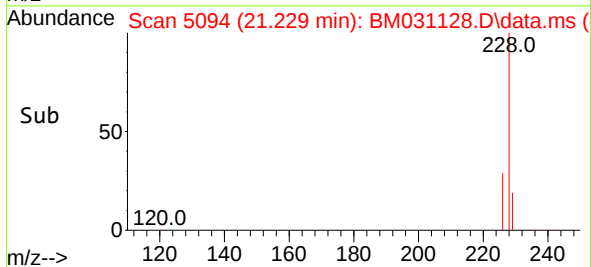
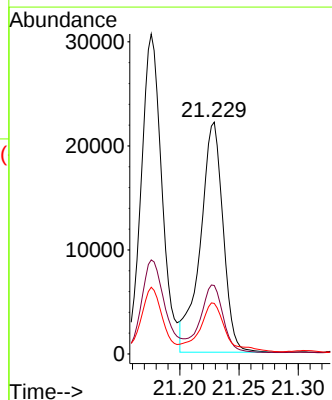
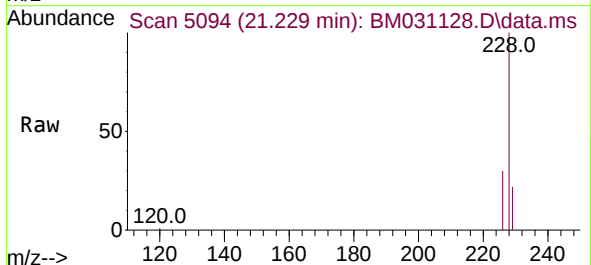
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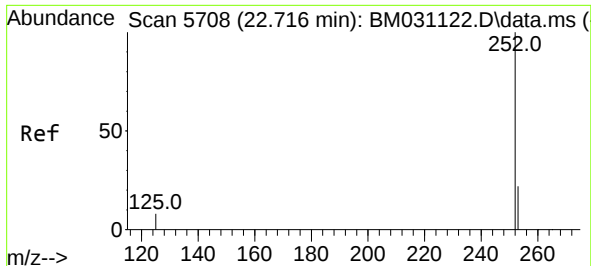
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#22
Chrysene
Concen: 0.85 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion:228 Resp: 29546
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 21.8 15.8 23.8





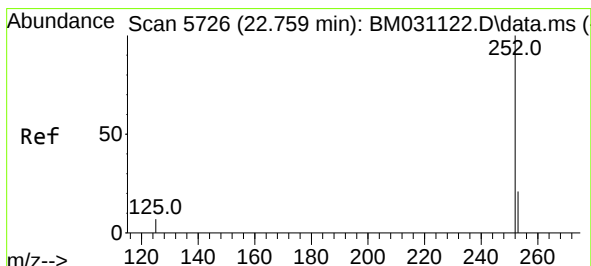
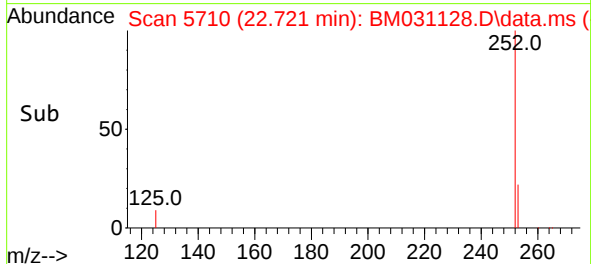
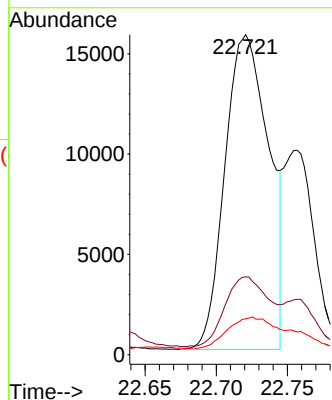
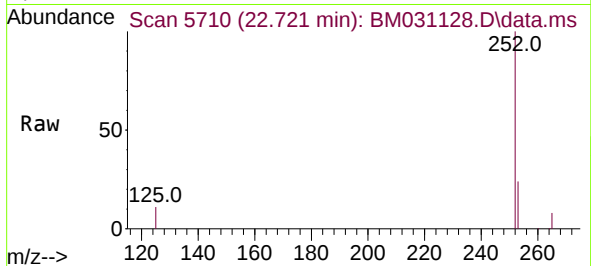
#24
Benzo(b)fluoranthene
Concen: 1.03 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion:252 Resp: 33686
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.8
125 11.2 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGE2

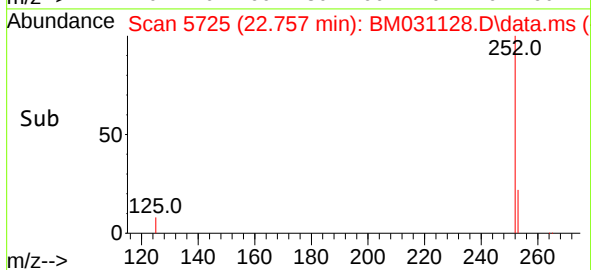
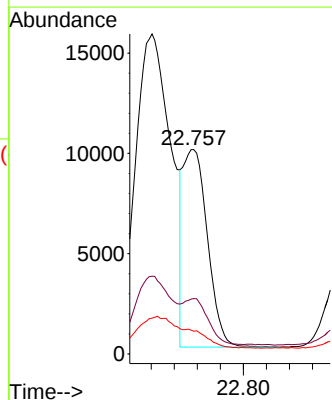
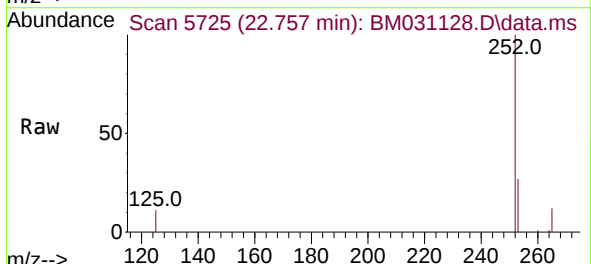
Manual Integrations
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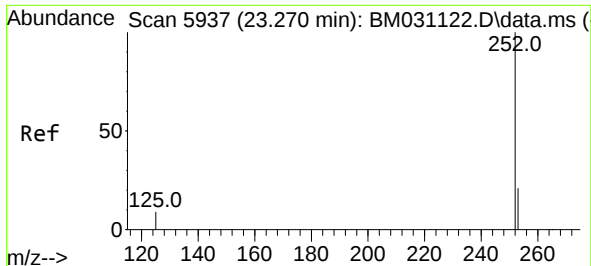
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#25
Benzo(k)fluoranthene
Concen: 0.44 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion:252 Resp: 14519
Ion Ratio Lower Upper
252 100
253 27.1 21.6 32.4
125 11.1 8.6 13.0





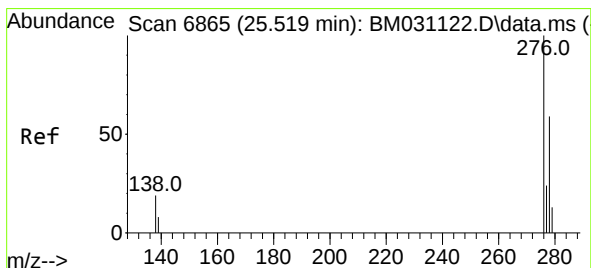
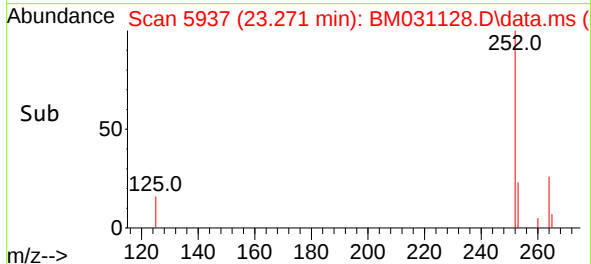
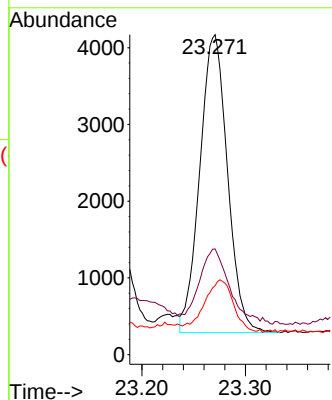
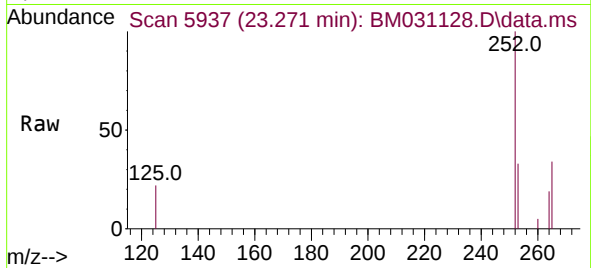
#26
Benzo(a)pyrene
Concen: 0.25 ng/ul
RT: 23.271 min Scan# 5937
Delta R.T. -0.010 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.1	23.1	34.7
125	21.6	10.7	16.1#

Instrument :
BNA_M
ClientSampled :
BGE2

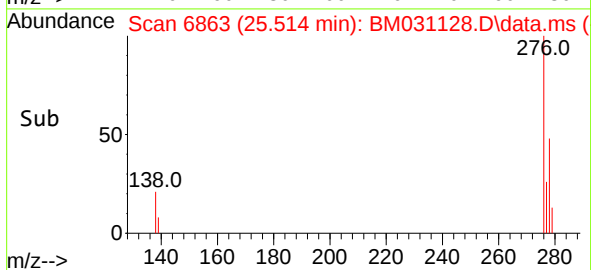
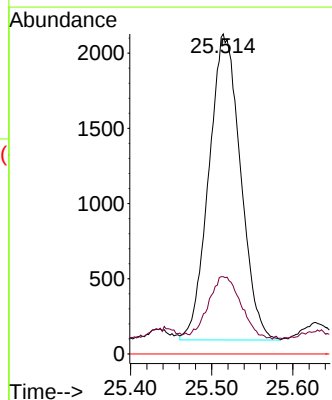
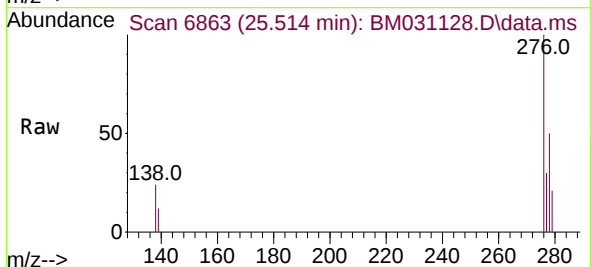
Manual Integrations
APPROVED

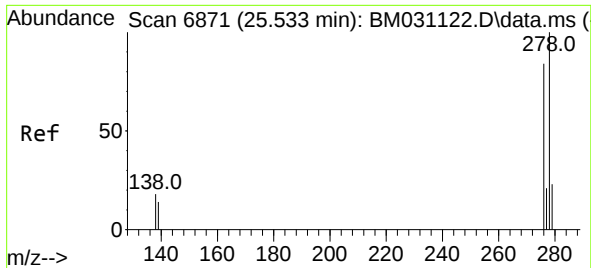
mohammad
7/26/2021 1:26:55 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. -0.019 min
Lab File: BM031128.D
Acq: 24 Jul 2021 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.4	23.0
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

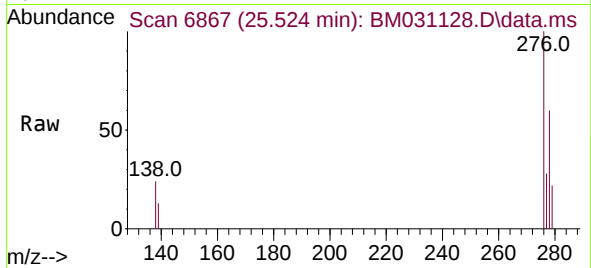
Concen: 0.12 ng/ul

RT: 25.524 min Scan# 6867

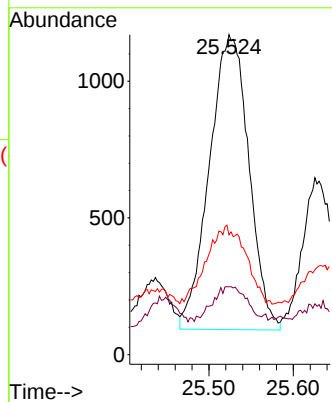
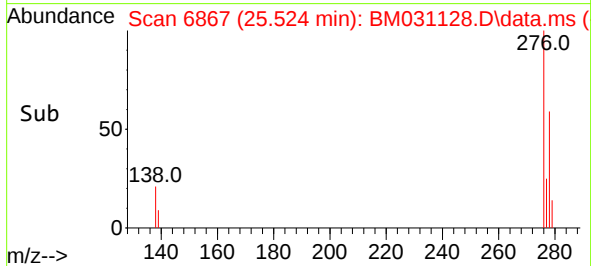
Delta R.T. -0.022 min

Lab File: BM031128.D

Acq: 24 Jul 2021 20:15



Tgt Ion:	278	Resp:	3497
Ion Ratio	Lower	Upper	
278	100		
139	21.2	12.6	18.8#
279	37.4	22.6	34.0#



Instrument :

BNA_M

ClientSampleId :

BGEB2

Manual Integrations
APPROVED

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