Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037230.D
Acq On : 25 Oct 2022 16:12
Operator : CG/JU
Sample : N5144-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 31 01:06:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BR2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	4572	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14525	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	8629	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	17731	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	12998	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	10147	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	19689	3.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5011	0.243	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	11301	0.287	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.749	128	999	0.023	ng/ul#	78
7) 2-Methylnaphthalene	12.360	142	640	0.025	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	542	0.021	ng/ul	95
10) Acenaphthylene	14.251	152	1053	0.028	ng/ul#	74
15) Phenanthrene	17.309	178	3549	0.059	ng/ul	94
16) Anthracene	17.402	178	1491	0.031	ng/ul#	82
19) Fluoranthene	19.326	202	9130	0.162	ng/ul	99
20) Pyrene	19.684	202	9611m	0.168	ng/ul	
21) Benzo(a)anthracene	21.429	228	4489	0.089	ng/ul	94
22) Chrysene	21.482	228	4674	0.081	ng/ul	95
24) Benzo(b)fluoranthene	23.095	252	5142	0.096	ng/ul#	57
25) Benzo(k)fluoranthene	23.139	252	2442m	0.047	ng/ul	
26) Benzo(a)pyrene	23.709	252	3254	0.075	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.275	276	2473	0.041	ng/ul#	89
29) Benzo(g,h,i)perylene	27.027	276	2043	0.039	ng/ul#	75

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037230.D
Acq On : 25 Oct 2022 16:12
Operator : CG/JU
Sample : N5144-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 31 01:06:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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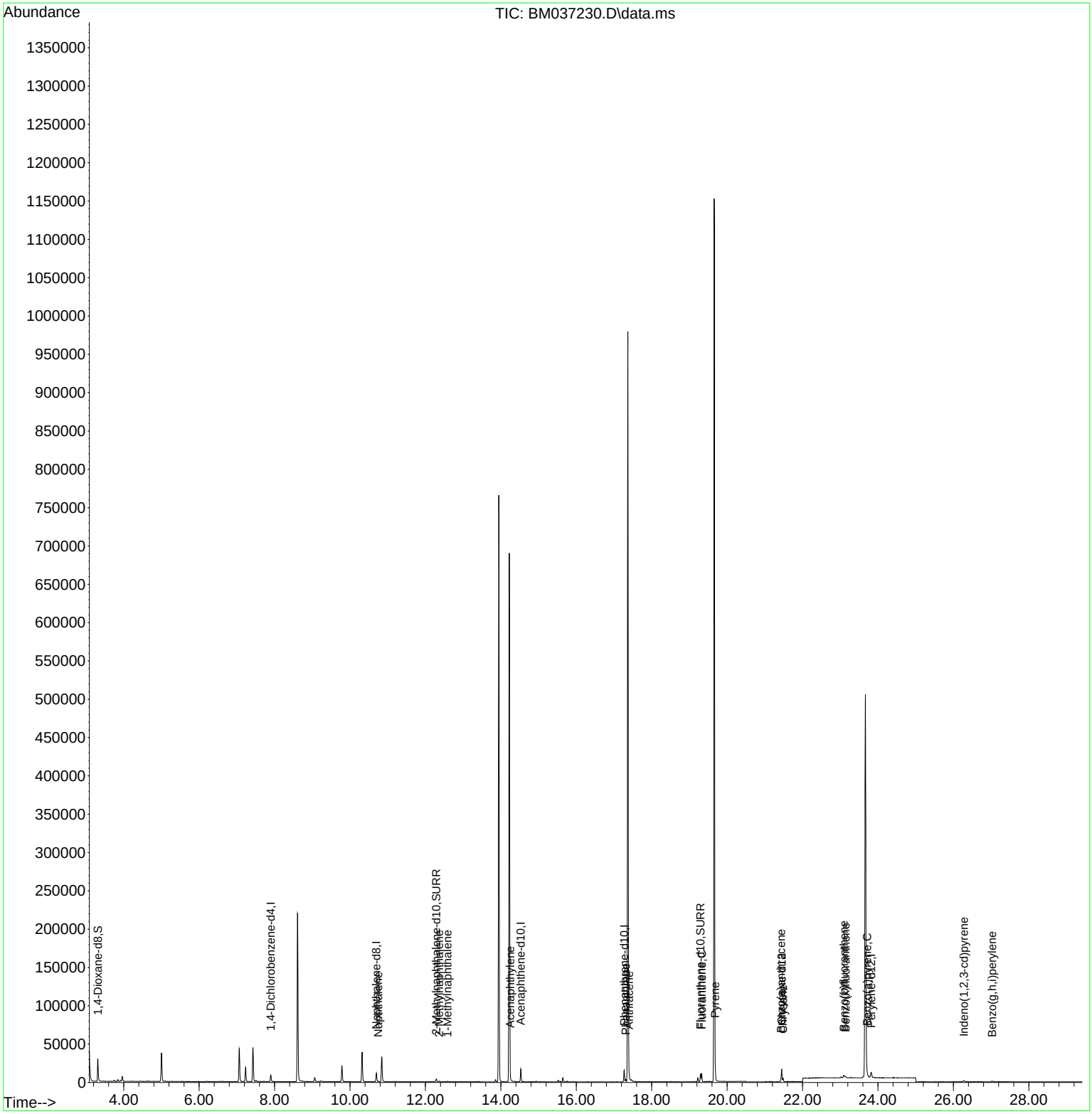
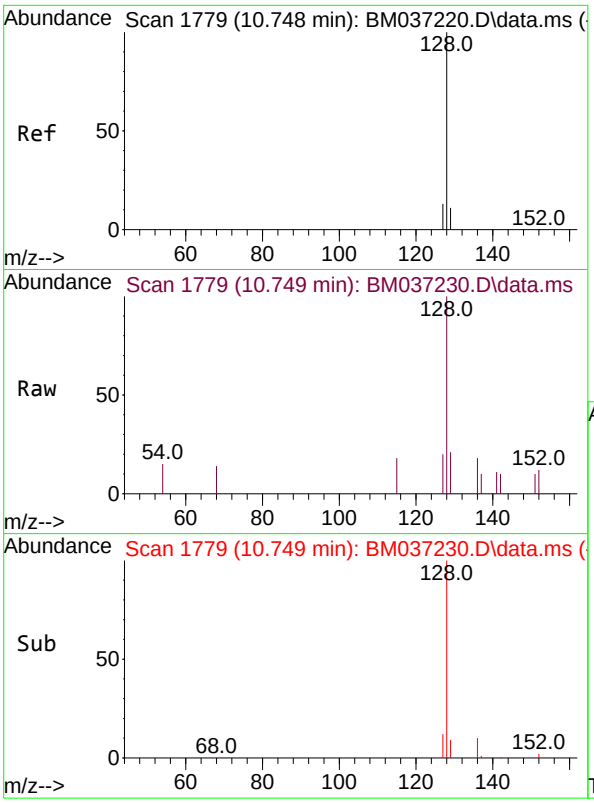
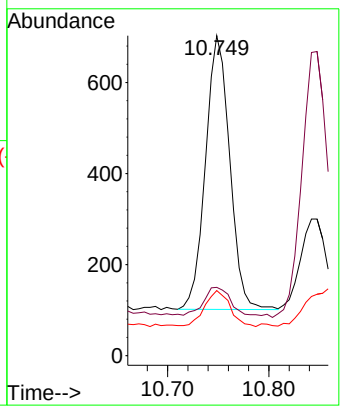




#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.749 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:128 Resp: 999

Ion	Ratio	Lower	Upper
128	100		
129	21.3	9.3	13.9#
127	20.3	10.5	15.7#



Instrument :
BNA_M
ClientSampleId :
C0BR2

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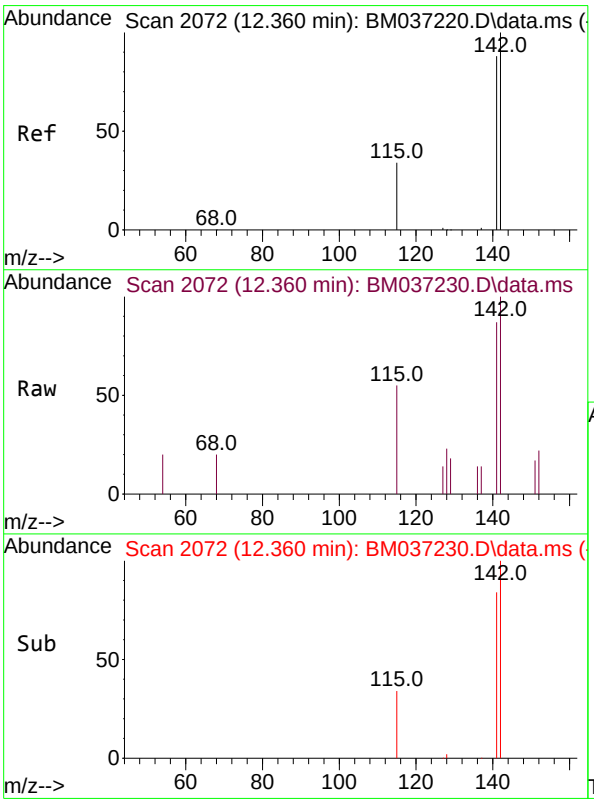
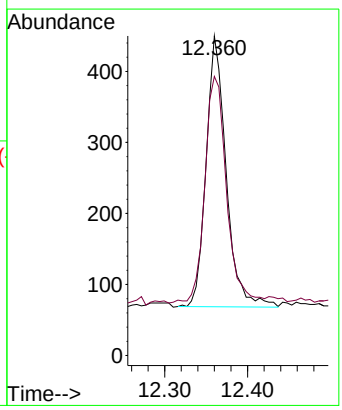
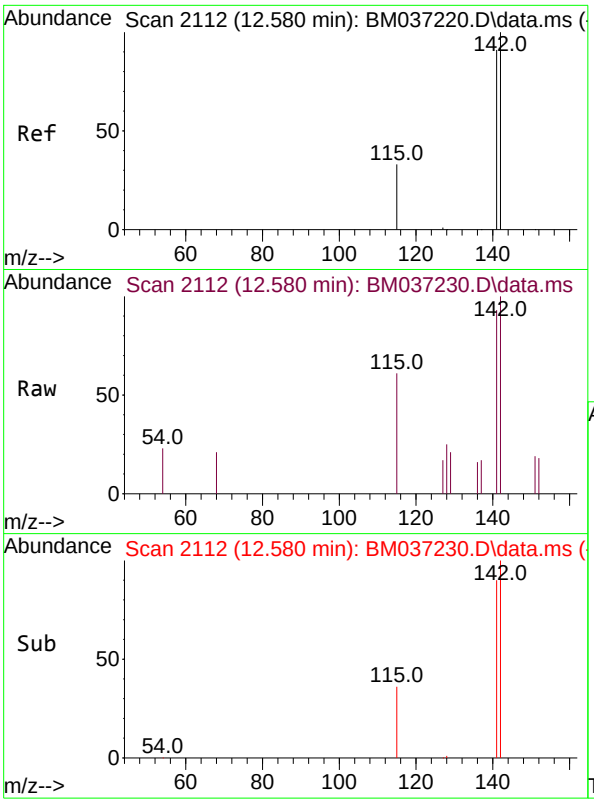


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:142 Resp: 640

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.8	109.2





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.580 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:142 Resp: 54

Ion	Ratio	Lower	Upper
142	100		
141	88.2	74.2	111.4

Instrument :
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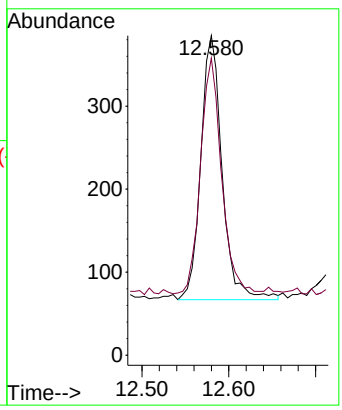
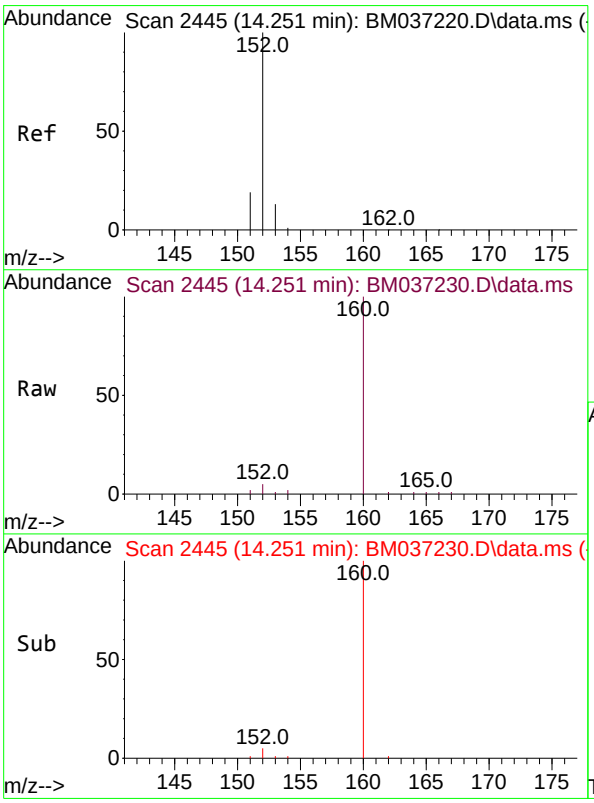
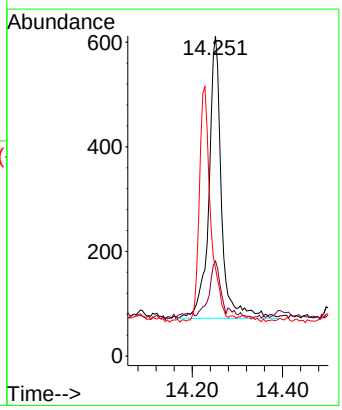


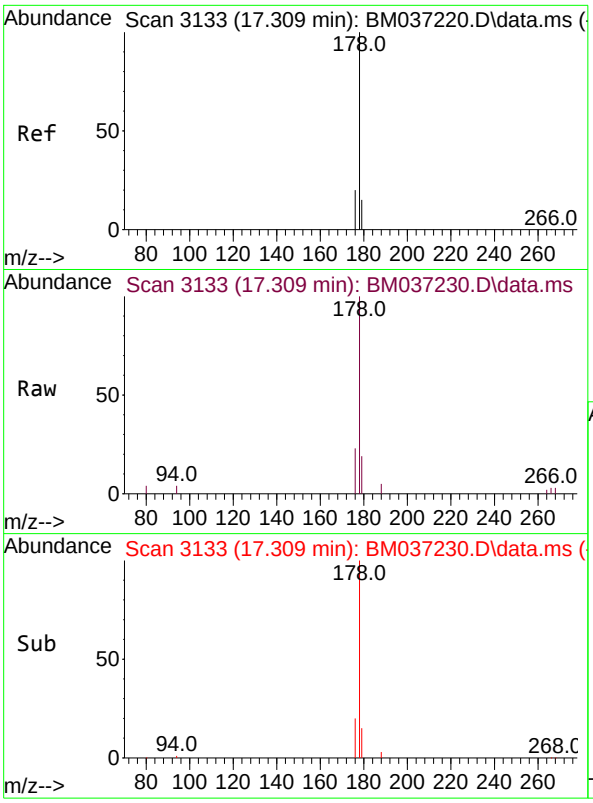


#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:152 Resp: 1053

Ion	Ratio	Lower	Upper
152	100		
151	29.7	16.2	24.2#
153	27.5	10.8	16.2#

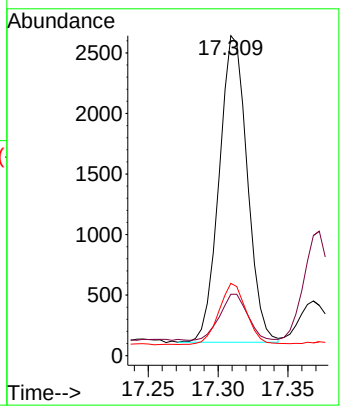




#15
Phenanthrene
Concen: 0.059 ng/ul
RT: 17.309 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:178 Resp: 3549

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.0	19.6
176	22.6	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0BR2

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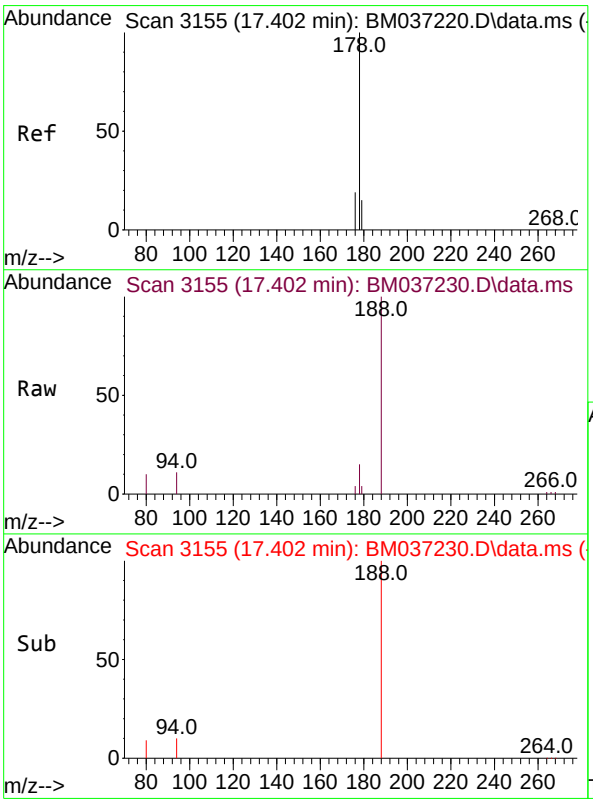
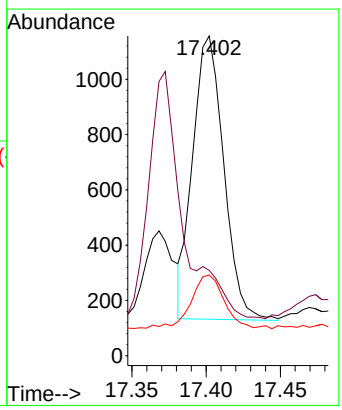
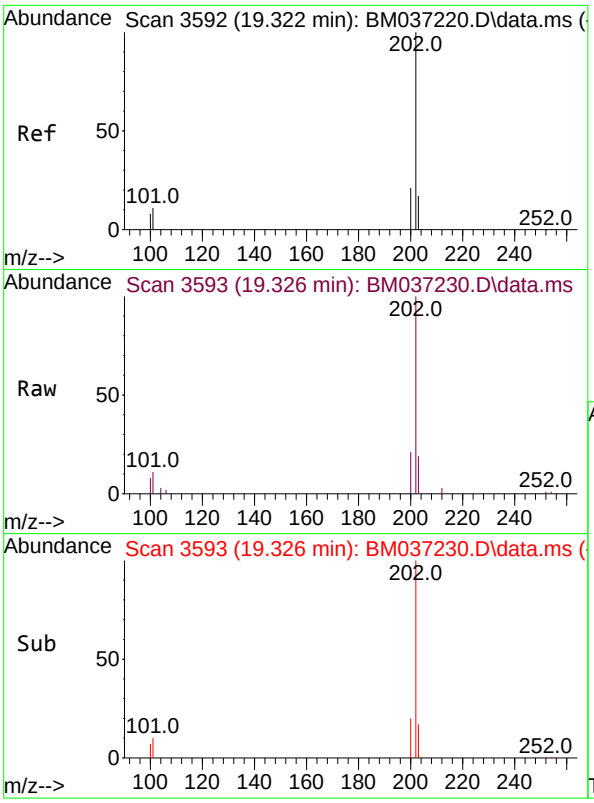


#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:178 Resp: 1491

Ion	Ratio	Lower	Upper
178	100		
179	26.7	13.1	19.7#
176	25.2	15.3	22.9#

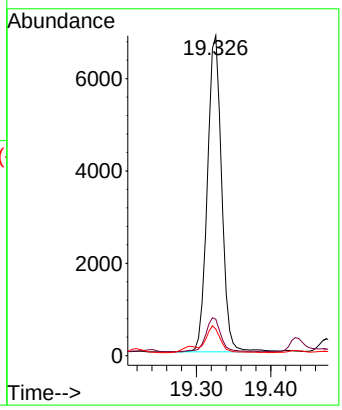




#19
Fluoranthene
Concen: 0.162 ng/ul
RT: 19.326 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:202 Resp: 913

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	8.3	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
C0BR2

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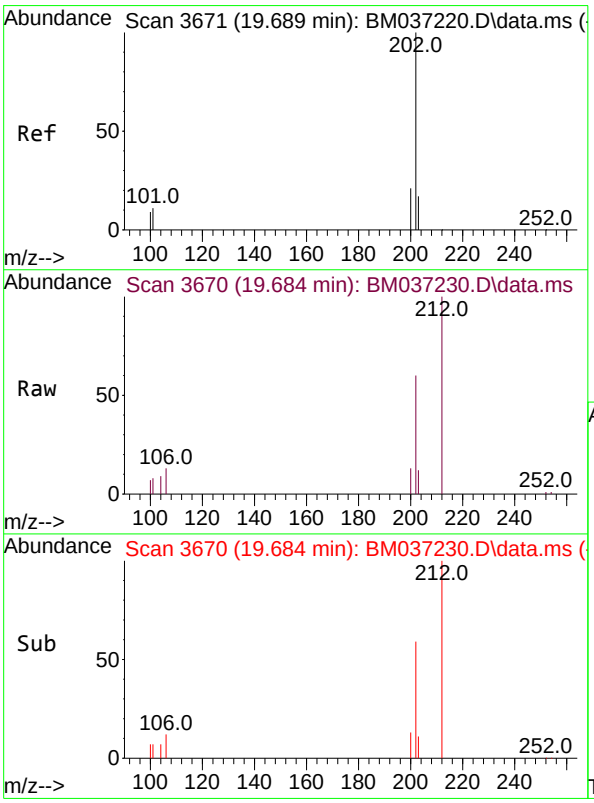
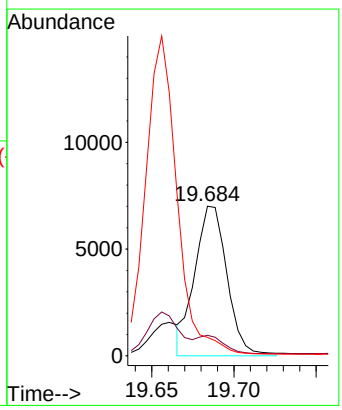
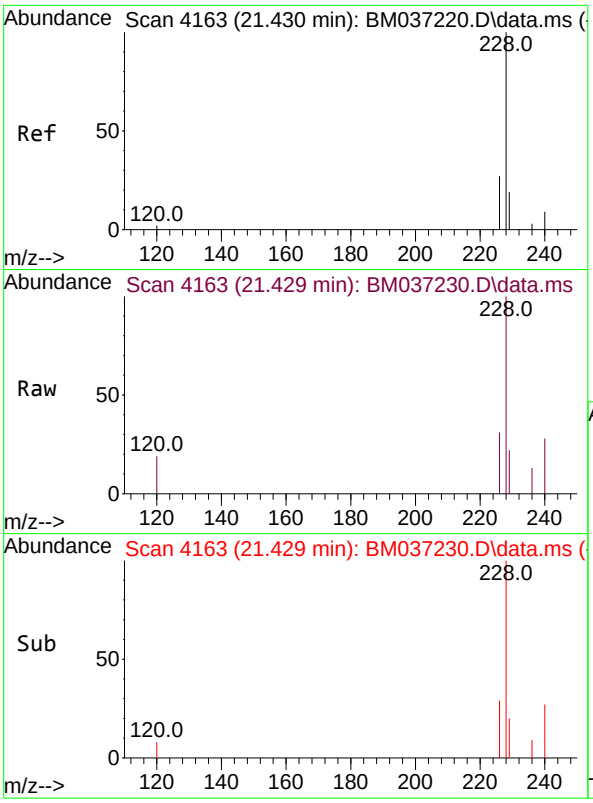


#20
Pyrene
Concen: 0.168 ng/ul m
RT: 19.684 min Scan# 3670
Delta R.T. -0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:202 Resp: 9611

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	12.3	7.8	11.8#

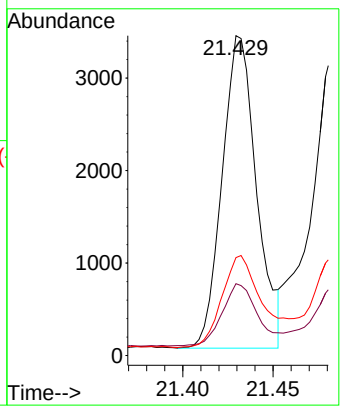




#21
Benzo(a)anthracene
Concen: 0.089 ng/ul
RT: 21.429 min Scan# 41
Delta R.T. -0.002 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:228 Resp: 448

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.6
226	30.6	21.8	32.8



Instrument :
BNA_M
ClientSampleId :
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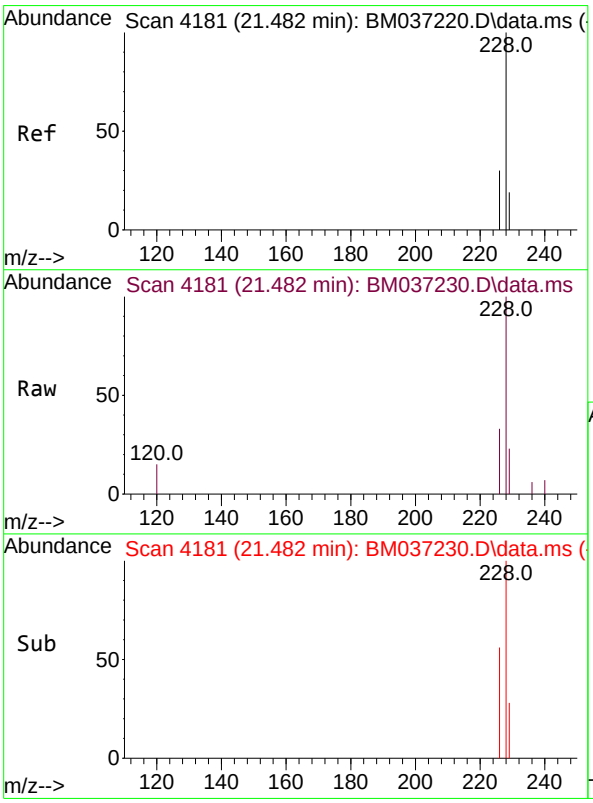
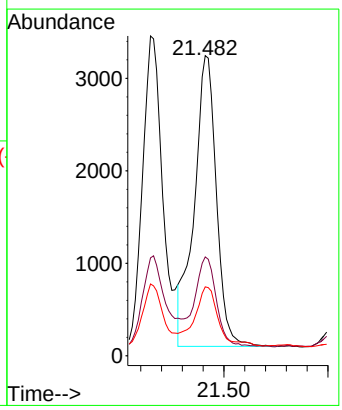
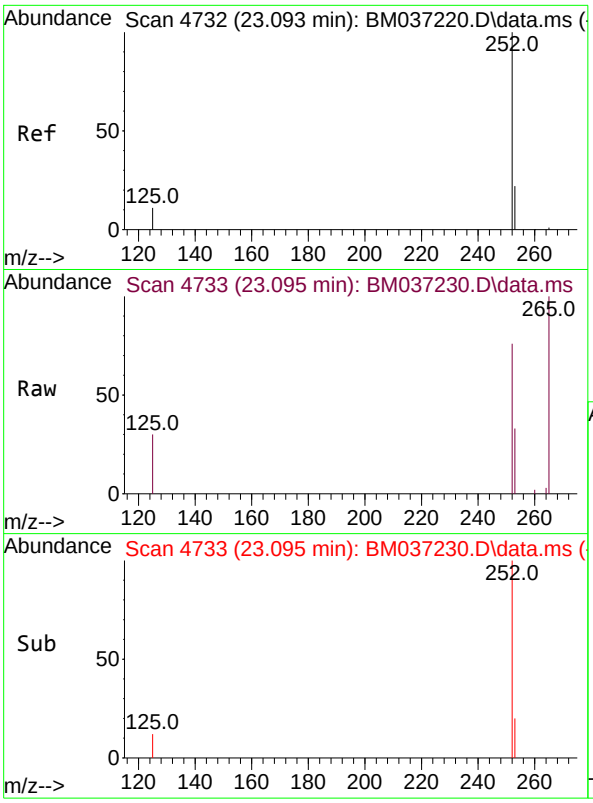


#22
Chrysene
Concen: 0.081 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:228 Resp: 4674

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.8	37.2
229	23.0	16.0	24.0

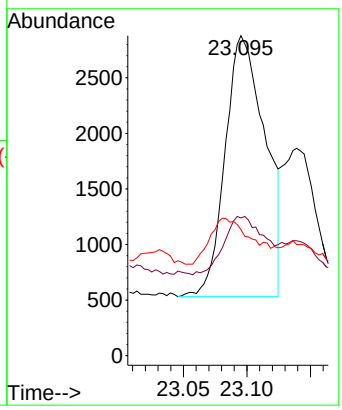




#24
Benzo(b)fluoranthene
Concen: 0.096 ng/ul
RT: 23.095 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:252 Resp: 514

Ion	Ratio	Lower	Upper
252	100		
253	43.1	0.0	50.6
125	39.4	0.0	32.6#



Instrument :
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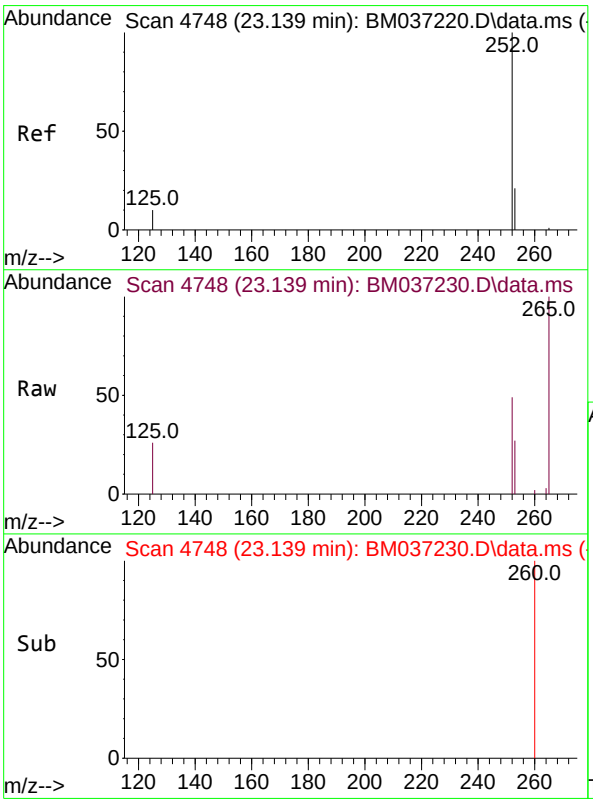
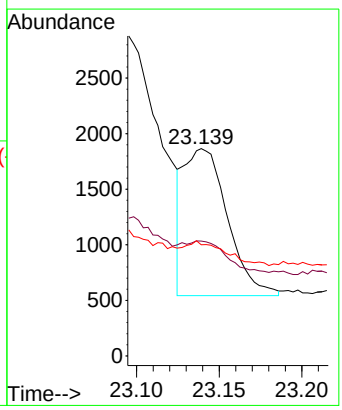
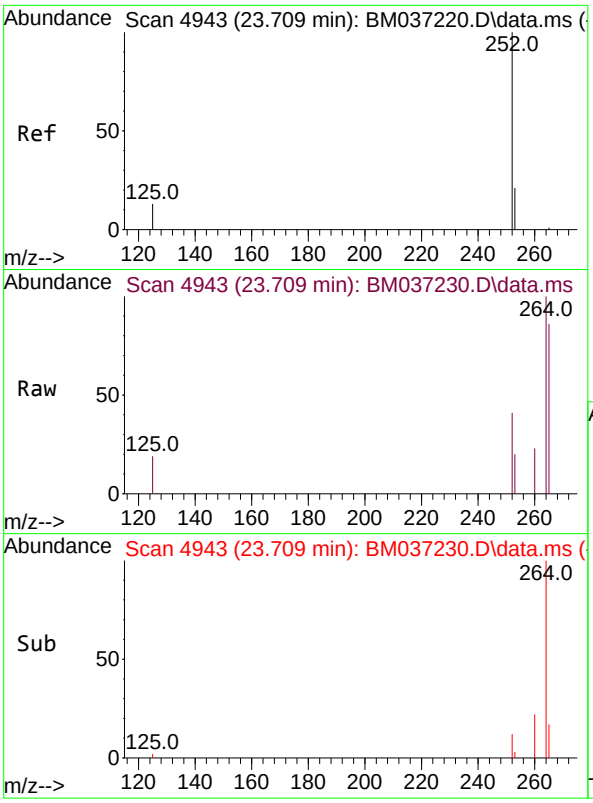


#25
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:252 Resp: 2442

Ion	Ratio	Lower	Upper
252	100		
253	55.4	20.6	30.8#
125	53.6	13.3	19.9#





#26
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.709 min Scan# 49
Delta R.T. -0.002 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:252 Resp: 3254

Ion	Ratio	Lower	Upper
252	100		
253	48.6	22.1	33.1#
125	47.0	17.6	26.4#

Instrument :
BNA_M
ClientSampleId :
C0BR2

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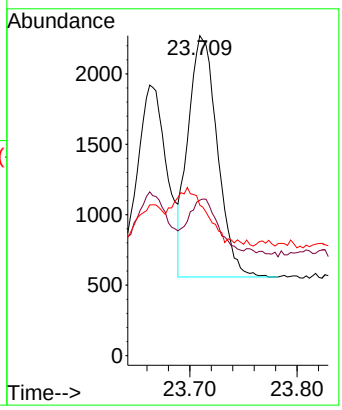
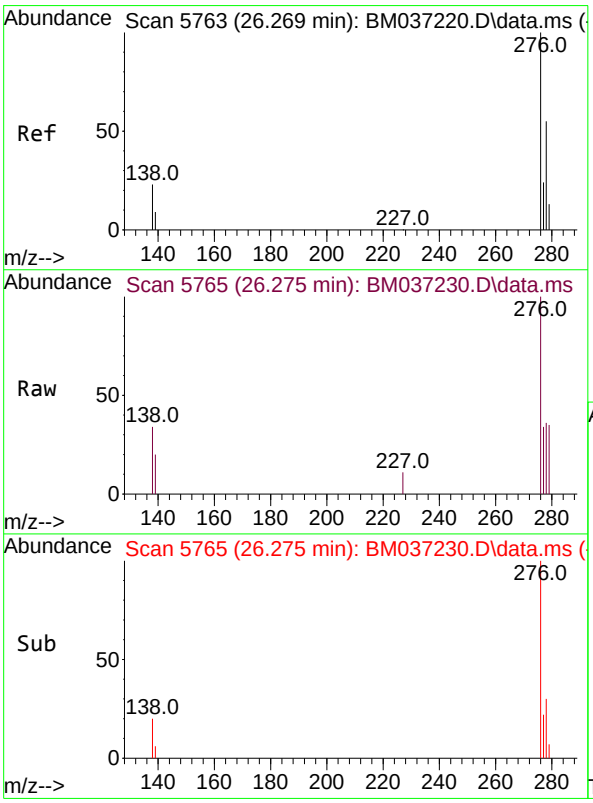
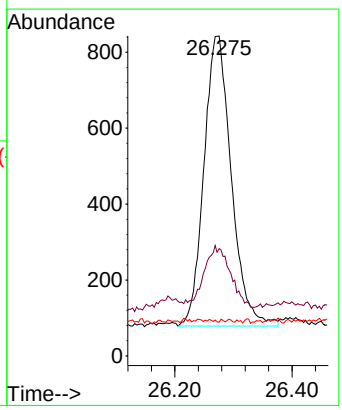


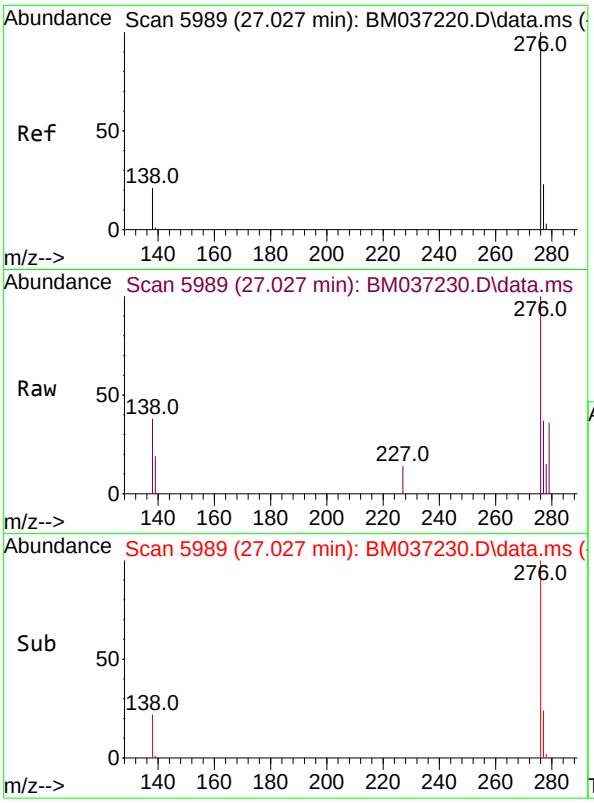


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng/ul
RT: 26.275 min Scan# 5765
Delta R.T. 0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:276 Resp: 2473

Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.4	32.0#
227	0.1	0.1	0.1#

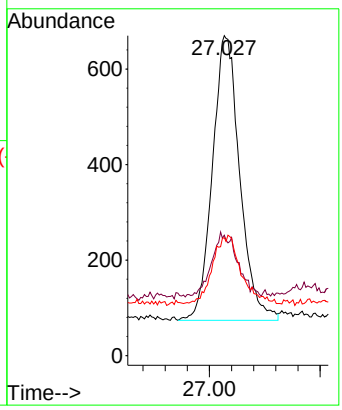




#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 27.027 min Scan# 5
Delta R.T. 0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:276 Resp: 204

Ion	Ratio	Lower	Upper
276	100		
138	37.6	19.8	29.8#
277	36.9	20.1	30.1#



Instrument :
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